

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086863.D
 Acq On : 06 Jun 2025 13:17
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2025
 Supervised By : Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:55:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 01:51:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	229701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	423980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	371851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	16818	5.468	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.940%#		
35) Dibromofluoromethane	8.177	113	12867	5.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.240%#		
50) Toluene-d8	10.571	98	52794	5.308	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.620%#		
62) 4-Bromofluorobenzene	12.847	95	18697	5.059	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.120%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	10196	4.452	ug/l	93
3) Chloromethane	2.395	50	15025	5.080	ug/l	98
4) Vinyl Chloride	2.554	62	15384	5.043	ug/l	97
5) Bromomethane	2.989	94	8606	5.041	ug/l	97
6) Chloroethane	3.154	64	10190	5.171	ug/l	96
7) Trichlorofluoromethane	3.518	101	20740	5.203	ug/l	99
8) Diethyl Ether	3.971	74	9121	5.252	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.401	101	13034	5.205	ug/l	97
10) Methyl Iodide	4.606	142	16530	5.092	ug/l	98
11) Tert butyl alcohol	5.542	59	22000	26.363	ug/l	99
12) 1,1-Dichloroethene	4.359	96	13610	5.323	ug/l	94
13) Acrolein	4.195	56	8401	31.804	ug/l	99
14) Allyl chloride	5.042	41	20925	4.935	ug/l	99
15) Acrylonitrile	5.736	53	49826	25.545	ug/l	99
16) Acetone	4.448	43	41981	25.741	ug/l	99
17) Carbon Disulfide	4.736	76	37246	5.267	ug/l	97
18) Methyl Acetate	5.048	43	24096	5.070	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	46823	5.058	ug/l	95
20) Methylene Chloride	5.300	84	15809	5.178	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	15480	5.442	ug/l #	81
22) Diisopropyl ether	6.689	45	46396	5.191	ug/l	99
23) Vinyl Acetate	6.618	43	194334	25.735	ug/l	100
24) 1,1-Dichloroethane	6.583	63	26473	5.147	ug/l	99
25) 2-Butanone	7.494	43	68629	25.888	ug/l	99
26) 2,2-Dichloropropane	7.500	77	18288	4.571	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	17594	5.172	ug/l	98
28) Bromochloromethane	7.830	49	12958	5.124	ug/l #	97
29) Tetrahydrofuran	7.853	42	44749	25.912	ug/l	98
30) Chloroform	7.977	83	26450	5.149	ug/l	95
31) Cyclohexane	8.271	56	29938	6.002	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	22857	5.232	ug/l #	50
36) 1,1-Dichloropropene	8.377	75	19410	5.184	ug/l	98
37) Ethyl Acetate	7.571	43	26073	5.470	ug/l	97
38) Carbon Tetrachloride	8.371	117	19056	5.184	ug/l	99
39) Methylcyclohexane	9.606	83	27353	5.333	ug/l	95
40) Benzene	8.612	78	63646	5.199	ug/l	98

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	13518	5.050	ug/l	99
42) 1,2-Dichloroethane	8.683	62	19329	5.205	ug/l	98
43) Isopropyl Acetate	8.700	43	40268	5.264	ug/l	98
44) Trichloroethene	9.359	130	15245	5.251	ug/l	96
45) 1,2-Dichloropropane	9.624	63	15632	5.248	ug/l	99
46) Dibromomethane	9.718	93	10241	5.176	ug/l	99
47) Bromodichloromethane	9.888	83	20512	5.039	ug/l	97
48) Methyl methacrylate	9.688	41	17591	4.996	ug/l	94
49) 1,4-Dioxane	9.700	88	6141	95.874	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	116434	25.283	ug/l	97
52) Toluene	10.630	92	38744	5.178	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	22285	4.896	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	24477	5.026	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	15068	5.234	ug/l	97
56) Ethyl methacrylate	10.888	69	21893	4.774	ug/l	95
57) 1,3-Dichloropropane	11.165	76	25452	5.096	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	64722	23.664	ug/l	98
59) 2-Hexanone	11.212	43	59884	20.188	ug/l	99
60) Dibromochloromethane	11.359	129	14884	4.962	ug/l	98
61) 1,2-Dibromoethane	11.471	107	15172	5.141	ug/l	99
64) Tetrachloroethene	11.106	164	12322	5.236	ug/l	92
65) Chlorobenzene	11.894	112	42195	5.145	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	13897	5.271	ug/l	97
67) Ethyl Benzene	11.965	91	73443	5.199	ug/l	97
68) m/p-Xylenes	12.071	106	55859	10.330	ug/l	100
69) o-Xylene	12.400	106	26004	5.021	ug/l	96
70) Styrene	12.412	104	44380	5.008	ug/l	98
71) Bromoform	12.582	173	9890	5.063	ug/l #	96
73) Isopropylbenzene	12.694	105	67878	5.146	ug/l	100
74) N-amyl acetate	12.559	43	20096m	4.590	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	23516	5.262	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	21527m	4.986	ug/l	
77) Bromobenzene	12.976	156	15485	5.119	ug/l	92
78) n-propylbenzene	13.035	91	83781	5.226	ug/l	99
79) 2-Chlorotoluene	13.124	91	49297	5.128	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	55961	5.139	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	9234	4.939	ug/l	94
82) 4-Chlorotoluene	13.223	91	49924	5.132	ug/l	100
83) tert-Butylbenzene	13.435	119	50874	5.103	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	56525	5.176	ug/l	100
85) sec-Butylbenzene	13.618	105	74711	5.161	ug/l	99
86) p-Isopropyltoluene	13.729	119	62016	5.182	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	30949	5.200	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	32342	5.330	ug/l	96
89) n-Butylbenzene	14.053	91	59601	5.142	ug/l	99
90) Hexachloroethane	14.335	117	9725	4.794	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	29897	5.228	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	5731	5.363	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	18778	5.143	ug/l	99
94) Hexachlorobutadiene	15.500	225	7072	5.199	ug/l	99
95) Naphthalene	15.641	128	67481	4.965	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	18262	5.034	ug/l	97

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

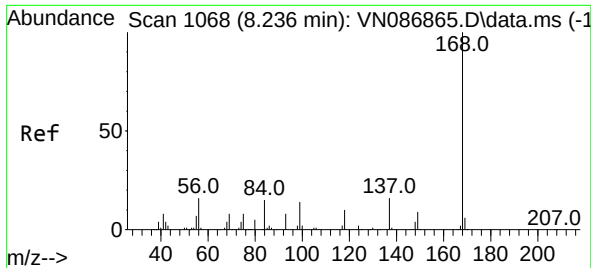
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

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Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

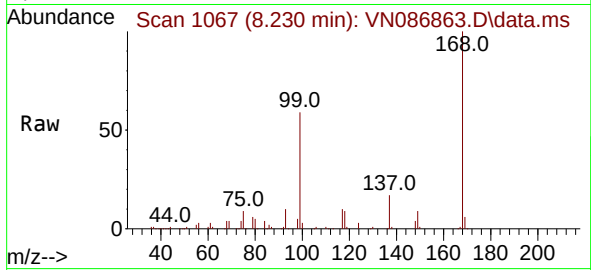
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

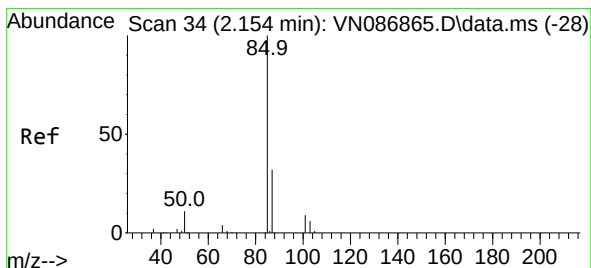
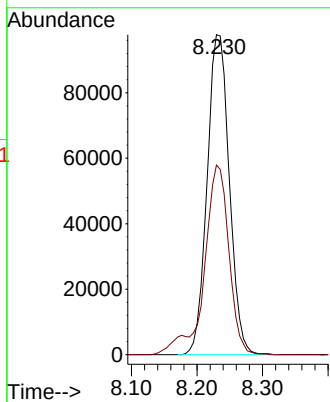
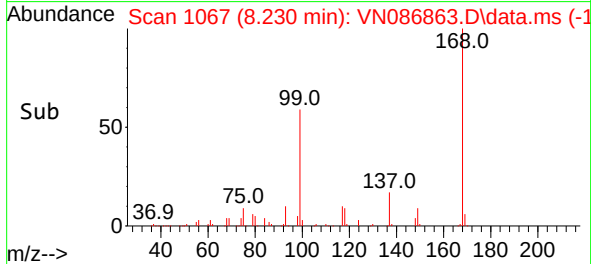
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 22970
Ion Ratio Lower Upper
168 100
99 59.2 49.1 73.7

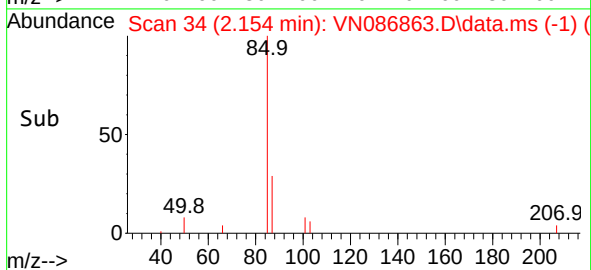
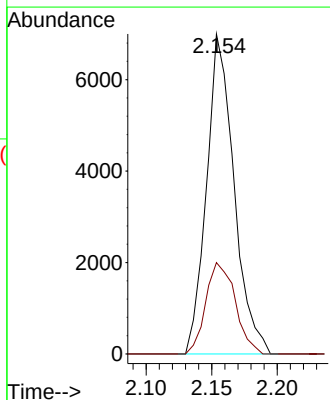
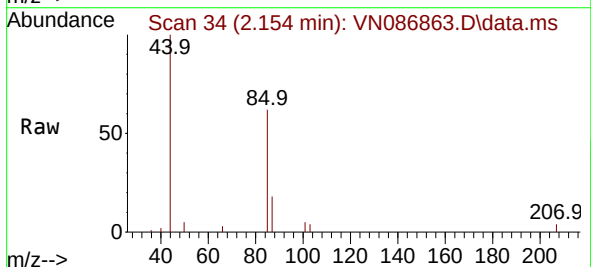
Manual Integrations
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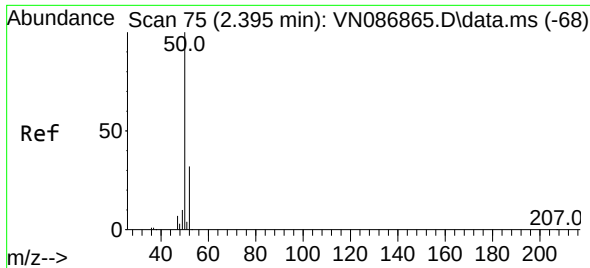
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#2
Dichlorodifluoromethane
Concen: 4.452 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

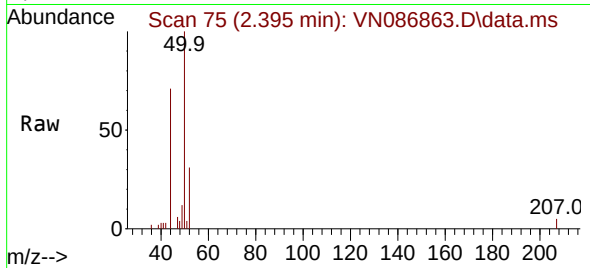
Tgt Ion: 85 Resp: 10196
Ion Ratio Lower Upper
85 100
87 28.6 16.2 48.6





#3
Chloromethane
Concen: 5.080 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

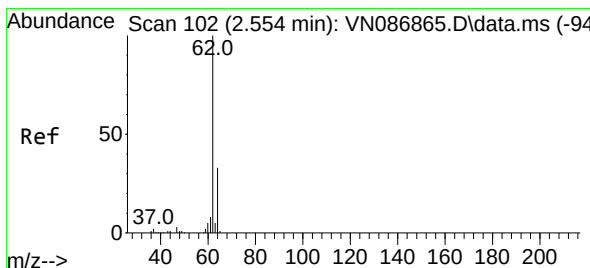
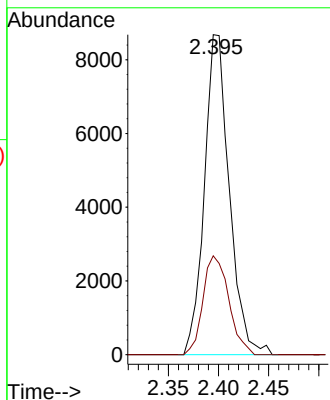
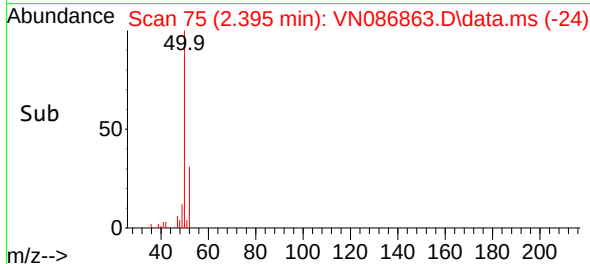
Instrument :
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ClientSampleId :
VSTDICC005



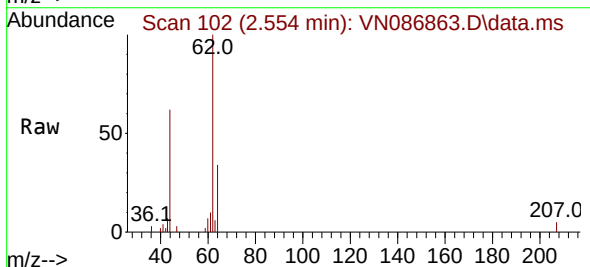
Tgt Ion: 50 Resp: 1502
Ion Ratio Lower Upper
50 100
52 30.9 25.7 38.5

Manual Integrations
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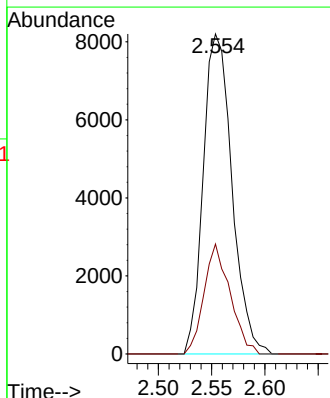
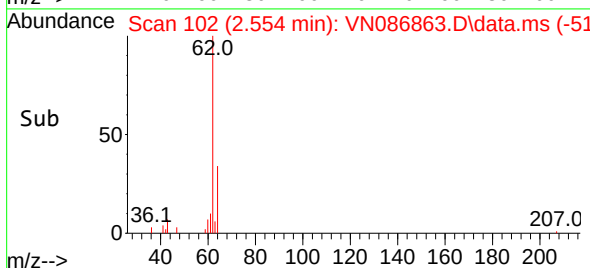
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

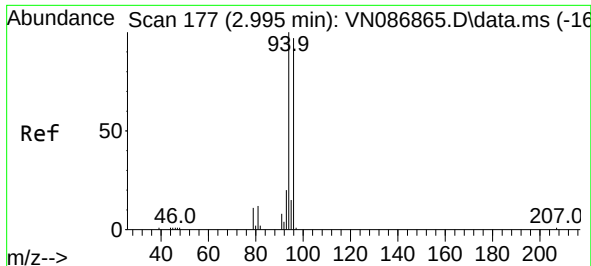


#4
Vinyl Chloride
Concen: 5.043 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17



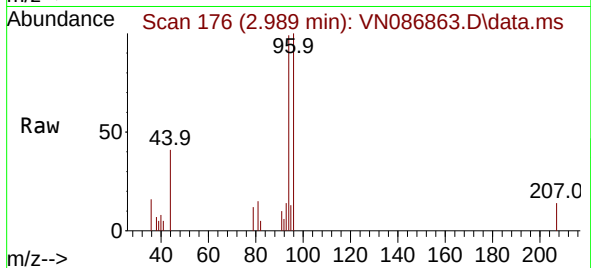
Tgt Ion: 62 Resp: 15384
Ion Ratio Lower Upper
62 100
64 34.3 26.0 39.0





#5
Bromomethane
Concen: 5.041 ug/l
RT: 2.989 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

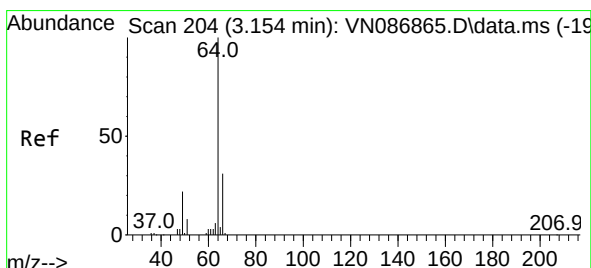
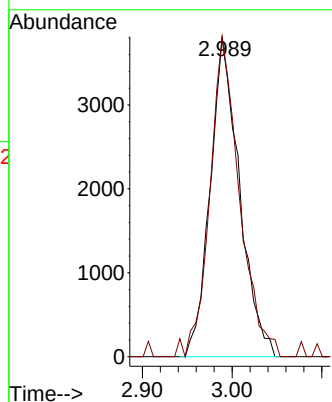
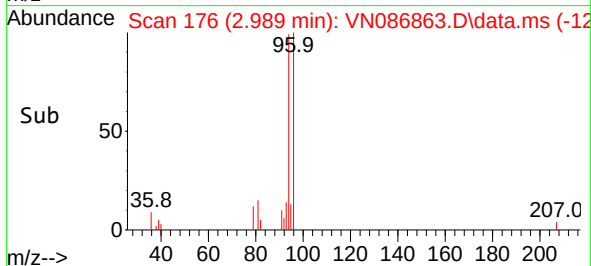
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 860
Ion Ratio Lower Upper
94 100
96 100.6 77.9 116.9

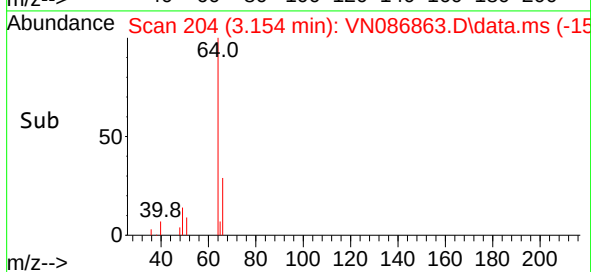
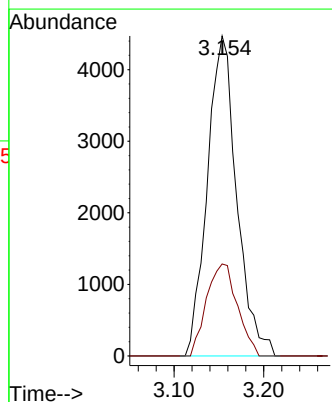
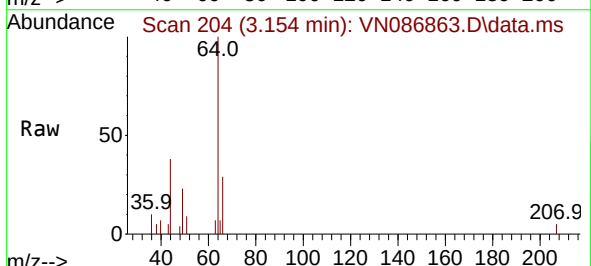
Manual Integrations
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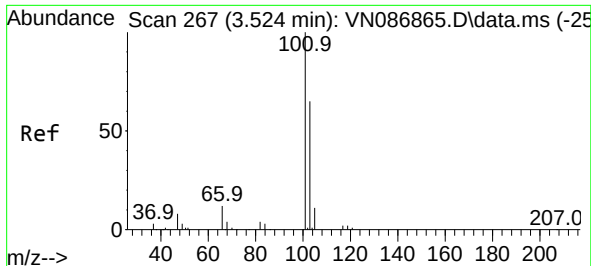
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#6
Chloroethane
Concen: 5.171 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

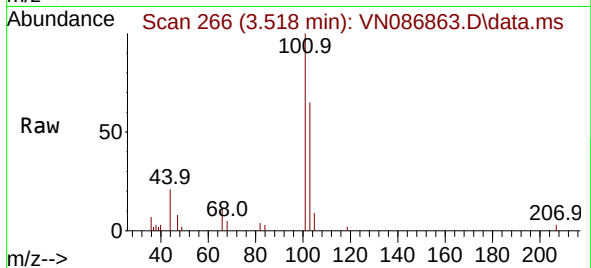
Tgt Ion: 64 Resp: 10190
Ion Ratio Lower Upper
64 100
66 28.8 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 5.203 ug/l
 RT: 3.518 min Scan# 20740
 Delta R.T. -0.006 min
 Lab File: VN086863.D
 Acq: 06 Jun 2025 13:17

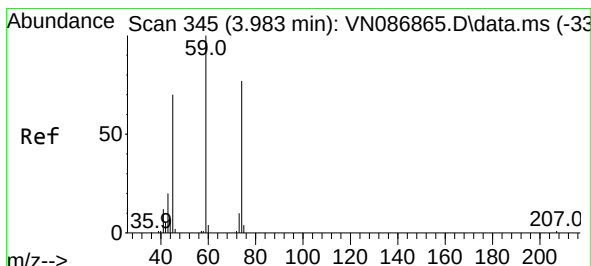
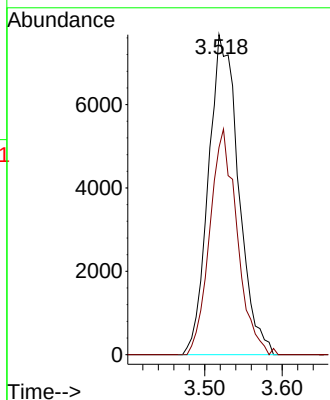
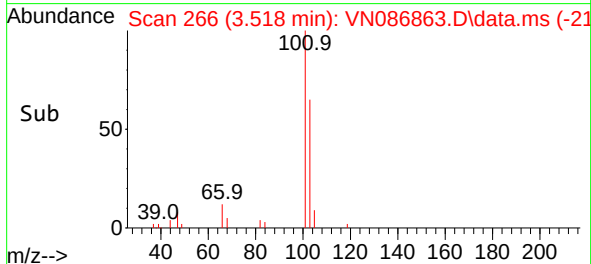
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 20740
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.2 78.2

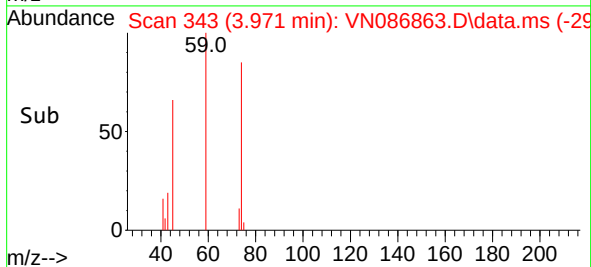
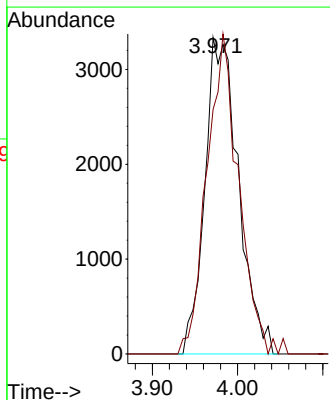
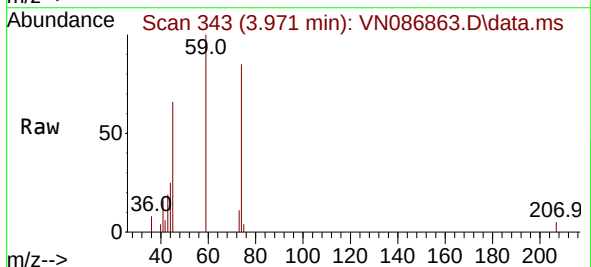
Manual Integrations
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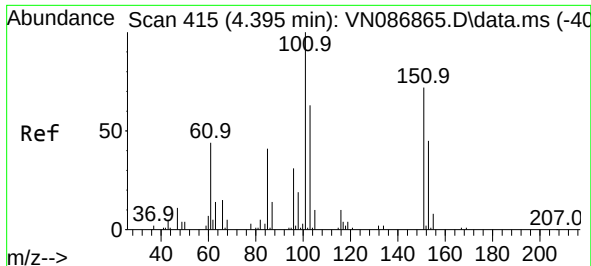
Reviewed By :John Carlone 06/09/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#8
 Diethyl Ether
 Concen: 5.252 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.012 min
 Lab File: VN086863.D
 Acq: 06 Jun 2025 13:17

Tgt Ion: 74 Resp: 9121
 Ion Ratio Lower Upper
 74 100
 45 95.8 45.5 136.5





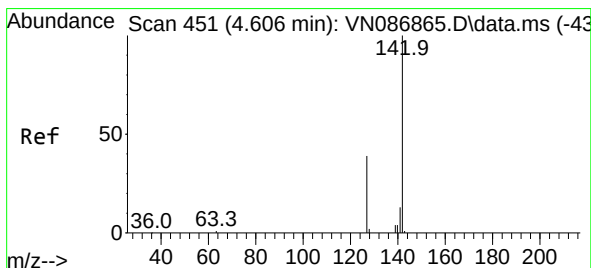
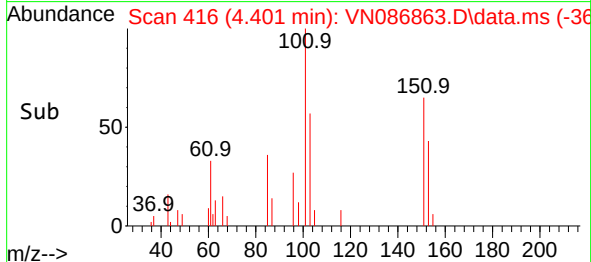
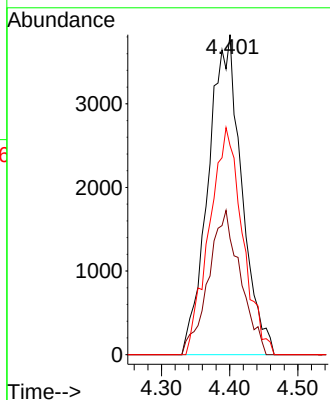
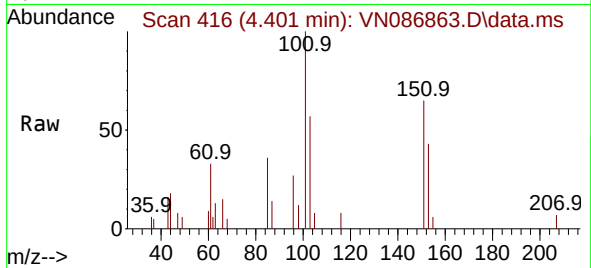
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.205 ug/l
RT: 4.401 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 13034
Ion Ratio Lower Upper
101 100
85 43.3 33.8 50.8
151 70.8 58.7 88.1

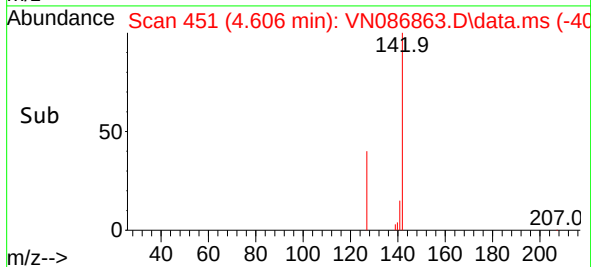
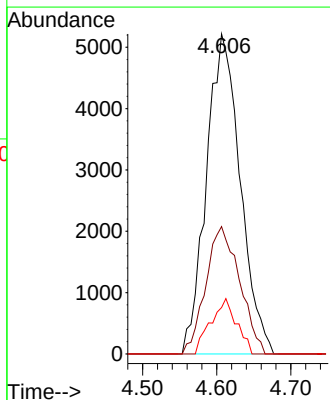
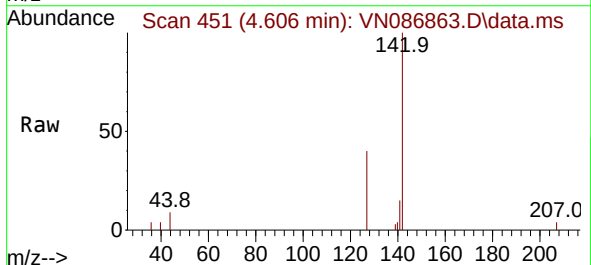
Manual Integrations
APPROVED

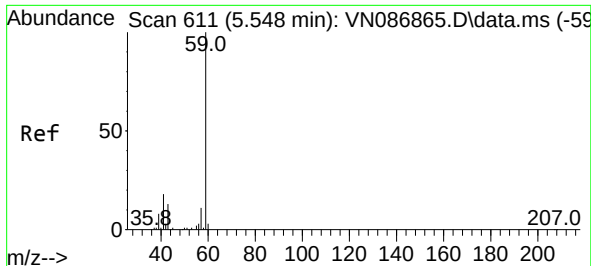
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#10
Methyl Iodide
Concen: 5.092 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:142 Resp: 16530
Ion Ratio Lower Upper
142 100
127 39.8 30.9 46.3
141 14.5 10.4 15.6





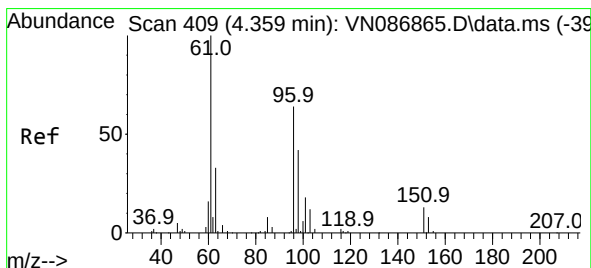
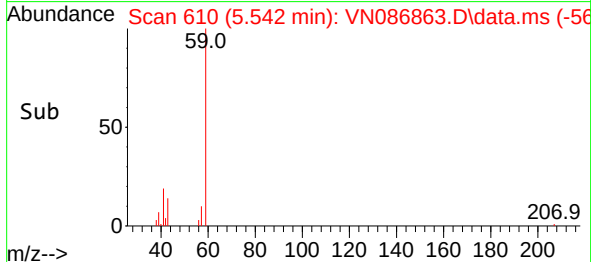
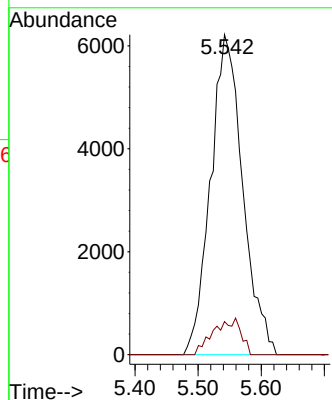
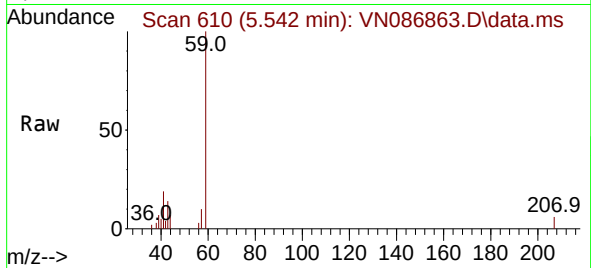
#11
Tert butyl alcohol
Concen: 26.363 ug/l
RT: 5.542 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 22000
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1

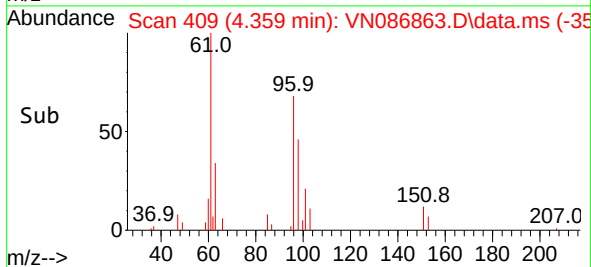
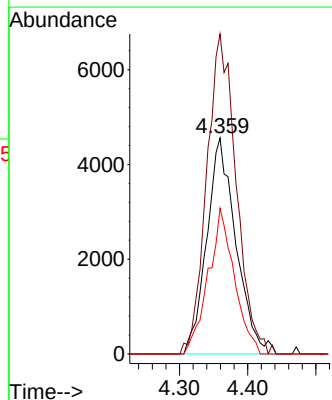
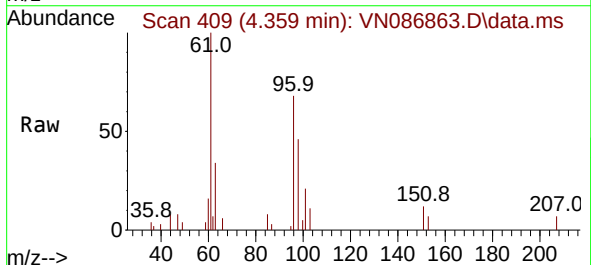
Manual Integrations
APPROVED

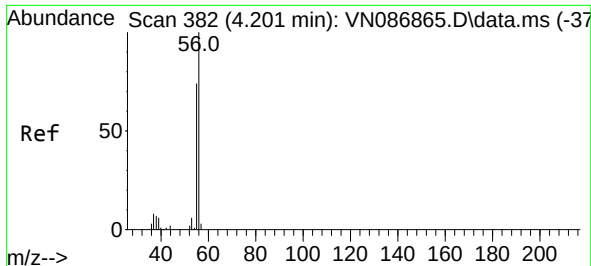
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#12
1,1-Dichloroethene
Concen: 5.323 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

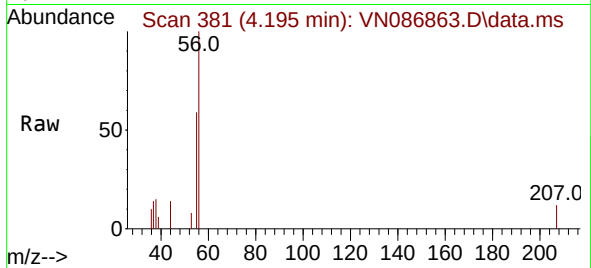
Tgt Ion: 96 Resp: 13610
Ion Ratio Lower Upper
96 100
61 148.1 125.8 188.6
98 67.5 52.5 78.7





#13
Acrolein
Concen: 31.804 ug/l
RT: 4.195 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

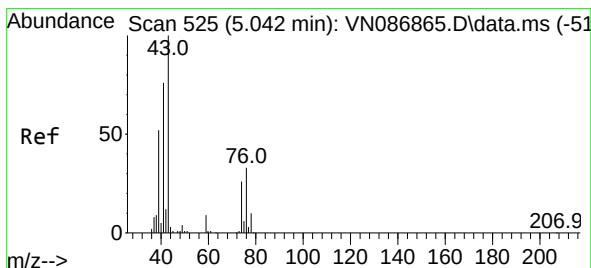
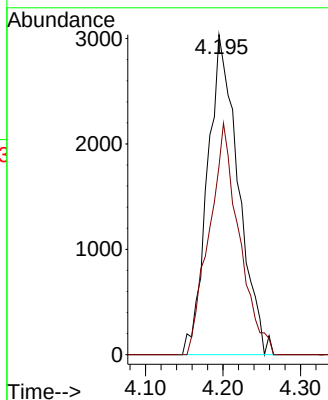
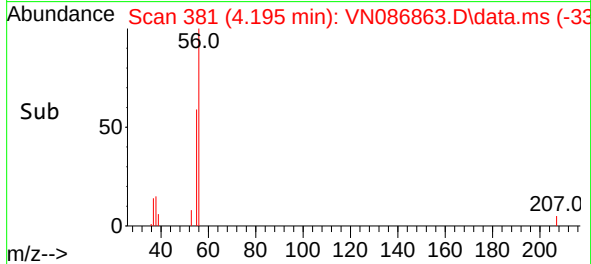
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



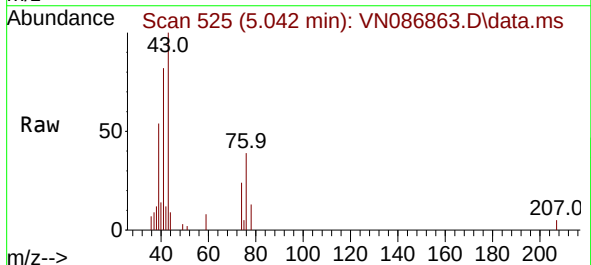
Tgt Ion: 56 Resp: 840
Ion Ratio Lower Upper
56 100
55 70.2 55.6 83.4

Manual Integrations
APPROVED

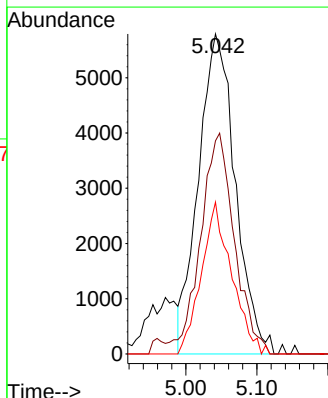
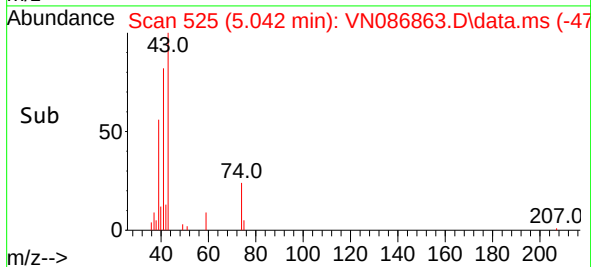
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

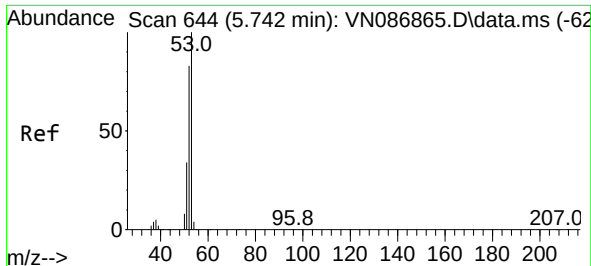


#14
Allyl chloride
Concen: 4.935 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17



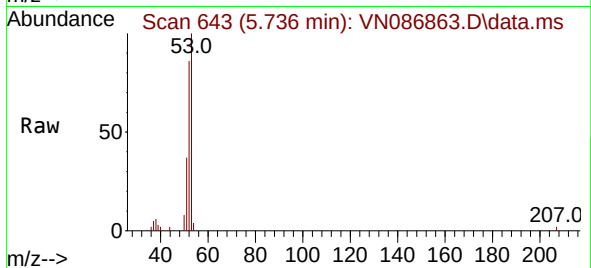
Tgt Ion: 41 Resp: 20925
Ion Ratio Lower Upper
41 100
39 63.2 51.3 76.9
76 39.0 31.4 47.0





#15
Acrylonitrile
Concen: 25.545 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

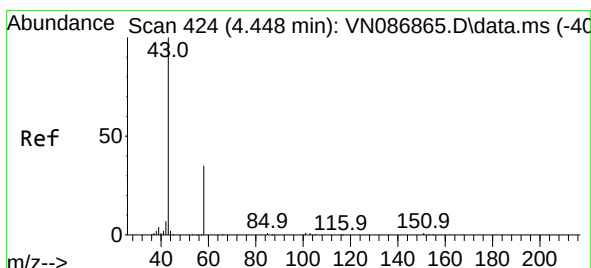
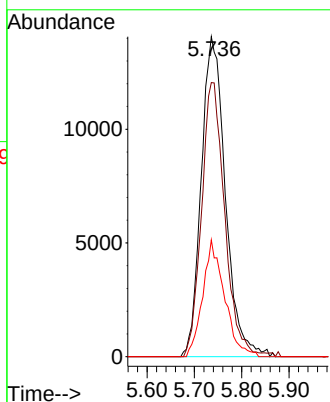
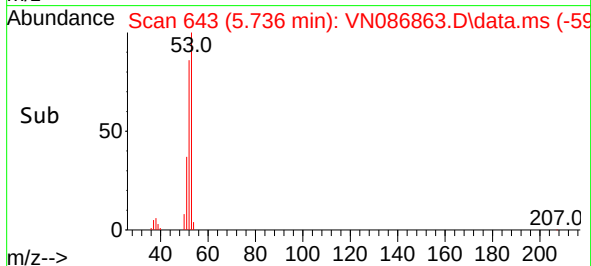
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 49820
Ion Ratio Lower Upper
53 100
52 82.4 65.0 97.6
51 32.9 27.2 40.8

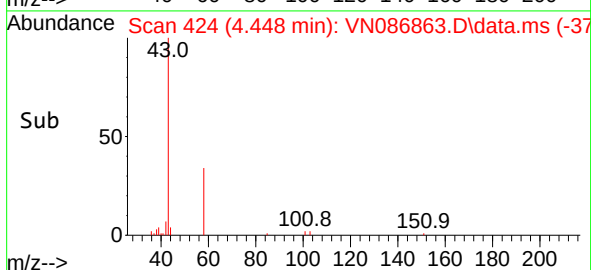
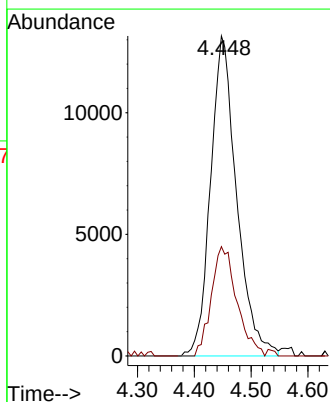
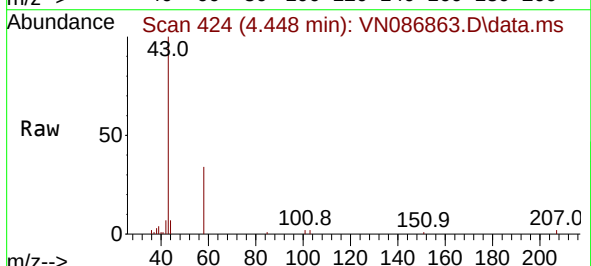
Manual Integrations
APPROVED

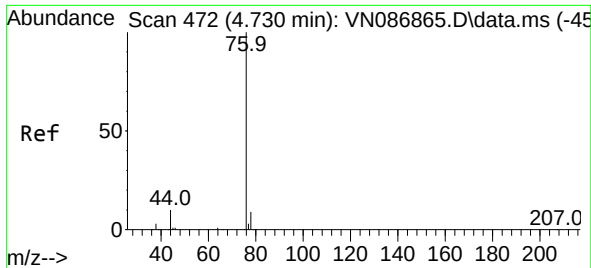
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#16
Acetone
Concen: 25.741 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

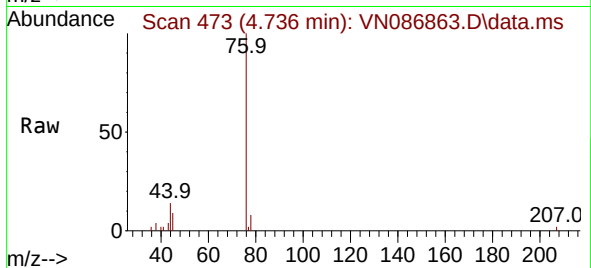
Tgt Ion: 43 Resp: 41981
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0





#17
Carbon Disulfide
Concen: 5.267 ug/l
RT: 4.736 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

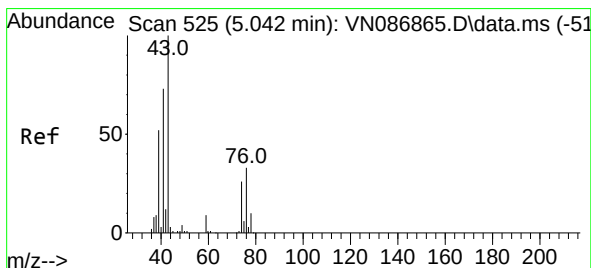
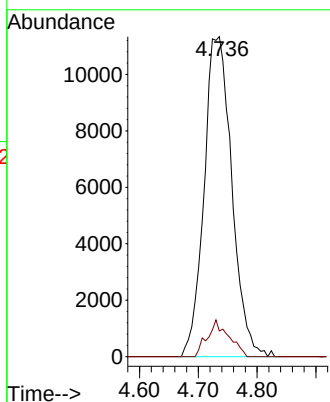
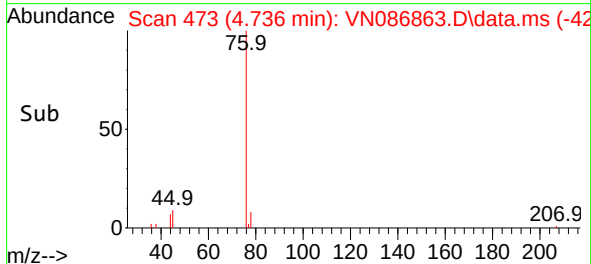
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 3724
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9

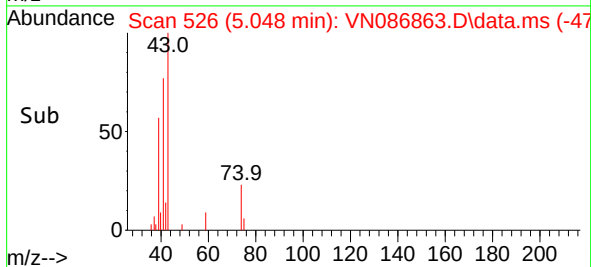
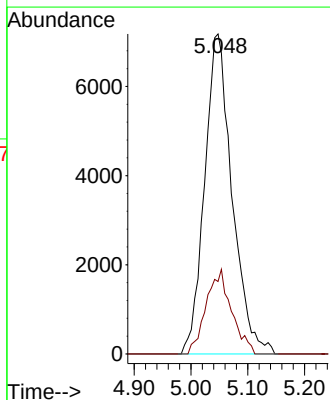
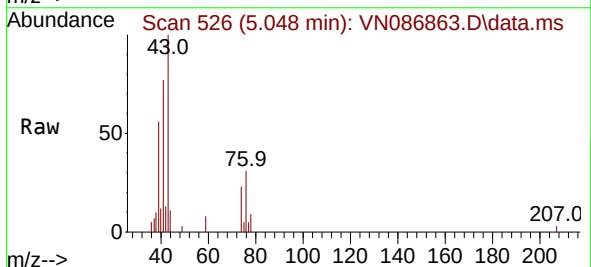
Manual Integrations
APPROVED

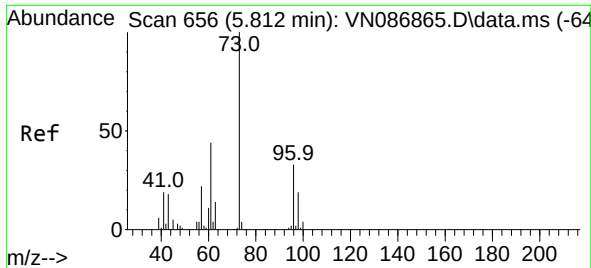
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#18
Methyl Acetate
Concen: 5.070 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 43 Resp: 24096
Ion Ratio Lower Upper
43 100
74 24.4 20.7 31.1





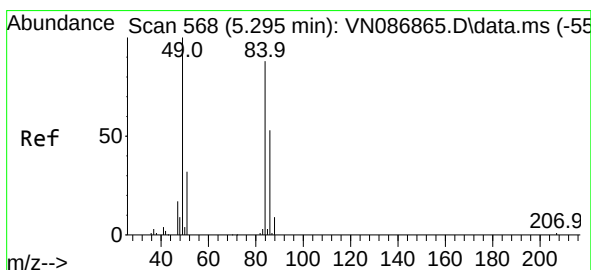
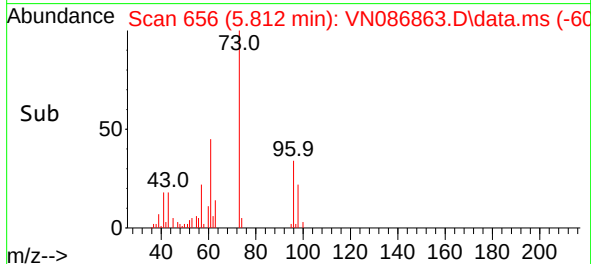
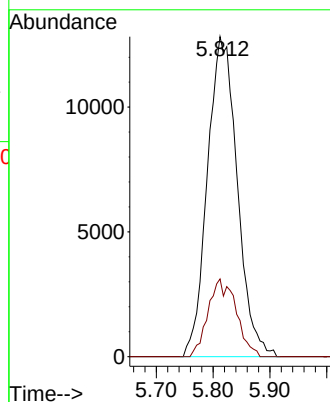
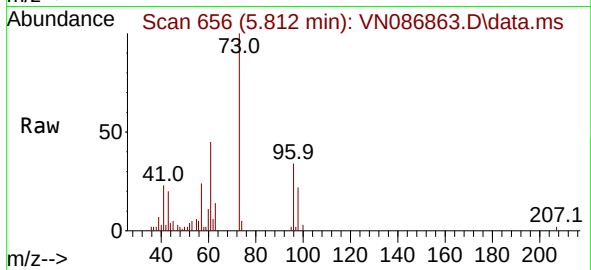
#19
Methyl tert-butyl Ether
Concen: 5.058 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 4682
Ion Ratio Lower Upper
73 100
57 24.3 17.4 26.2

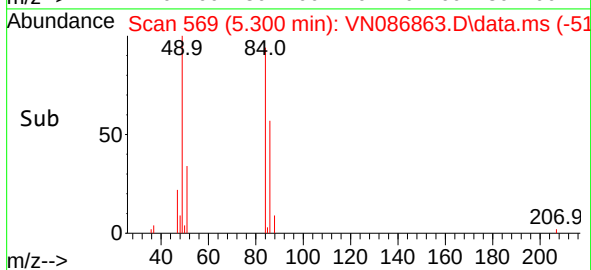
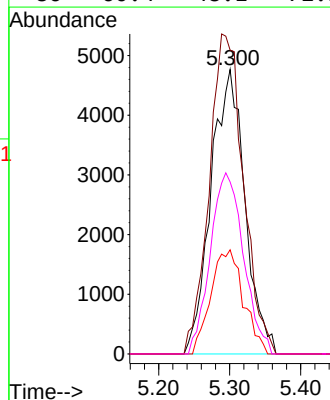
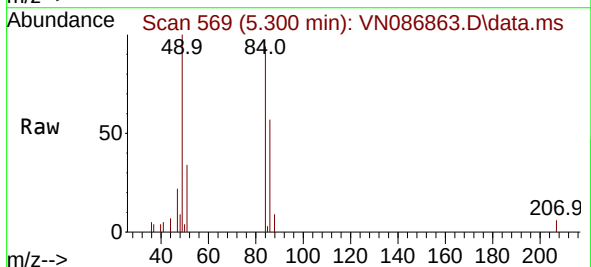
Manual Integrations
APPROVED

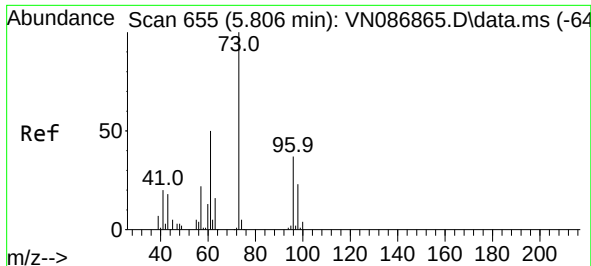
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#20
Methylene Chloride
Concen: 5.178 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

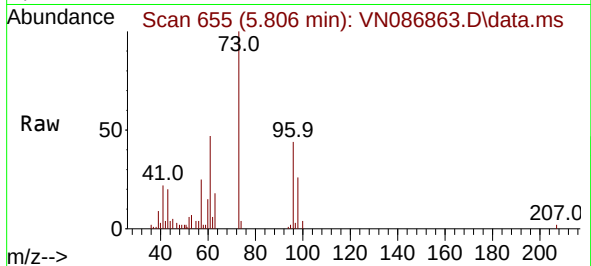
Tgt Ion: 84 Resp: 15809
Ion Ratio Lower Upper
84 100
49 106.8 90.5 135.7
51 36.6 28.5 42.7
86 60.4 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 5.442 ug/l
RT: 5.806 min Scan# 655
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

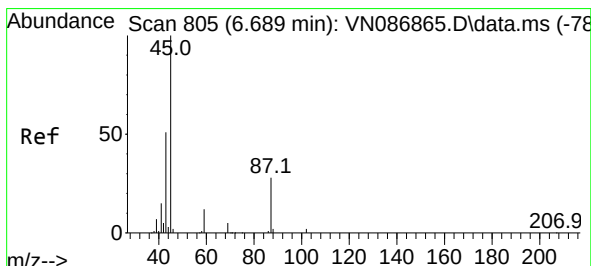
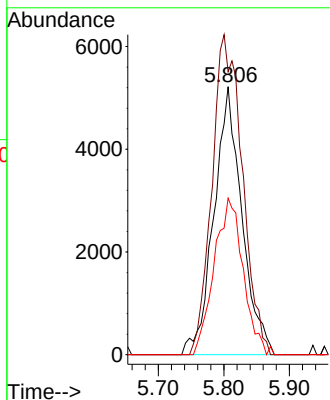
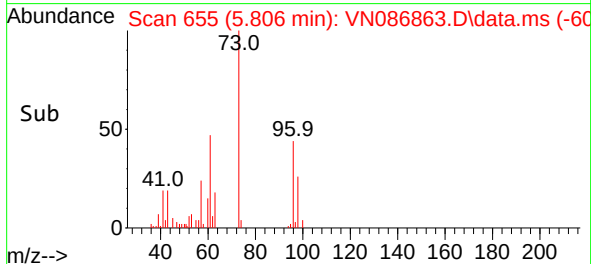
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 15480
Ion Ratio Lower Upper
96 100
61 105.6 109.2 163.8
98 58.4 49.8 74.8

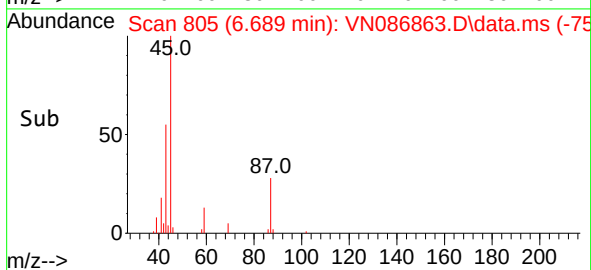
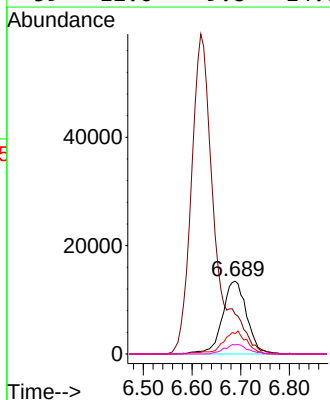
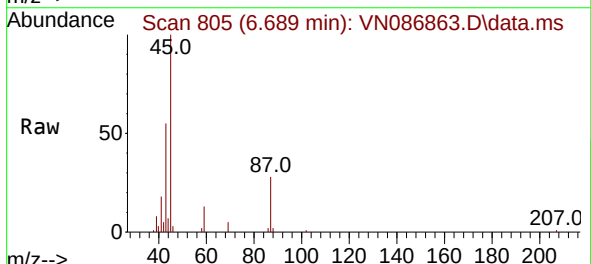
Manual Integrations
APPROVED

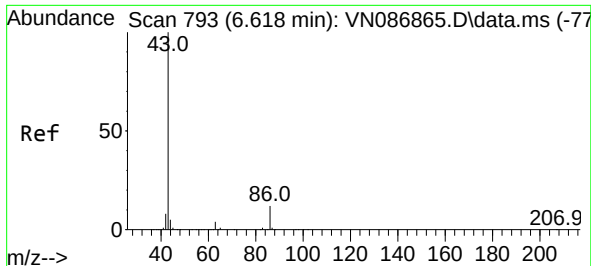
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#22
Diisopropyl ether
Concen: 5.191 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

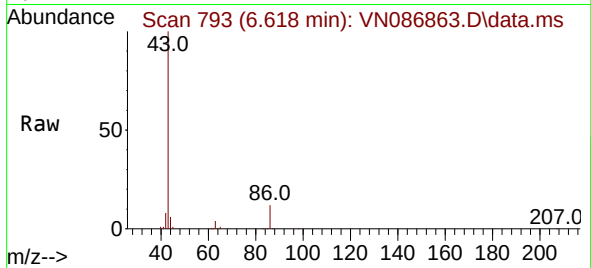
Tgt Ion: 45 Resp: 46396
Ion Ratio Lower Upper
45 100
43 53.2 41.9 62.9
87 27.9 22.4 33.6
59 12.6 9.8 14.6





#23
 Vinyl Acetate
 Concen: 25.735 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086863.D
 Acq: 06 Jun 2025 13:17

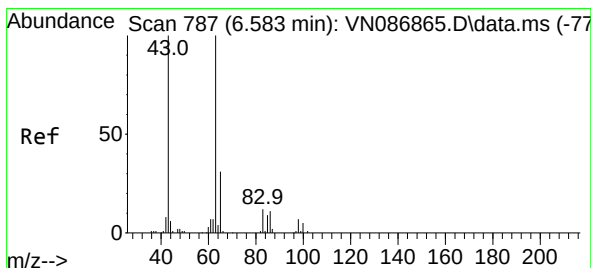
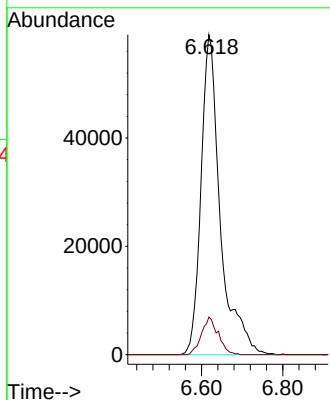
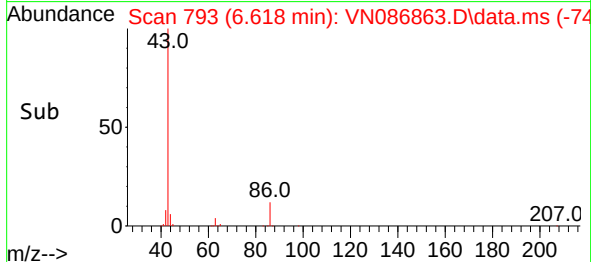
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 43 Resp: 194334
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.5 14.3

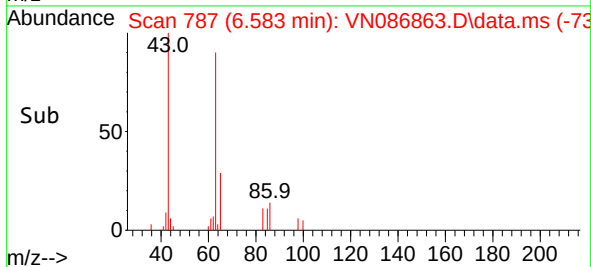
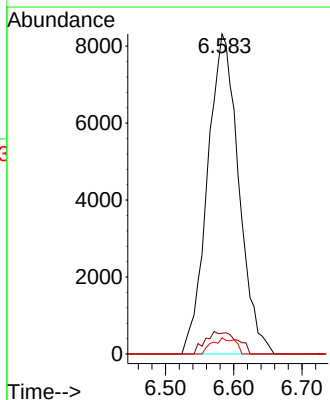
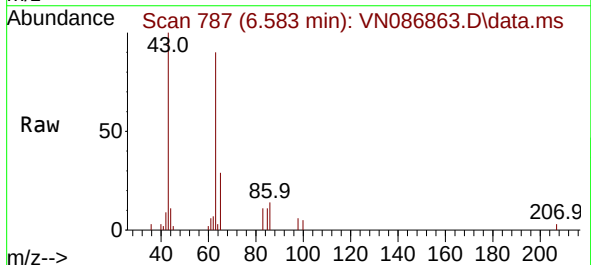
Manual Integrations
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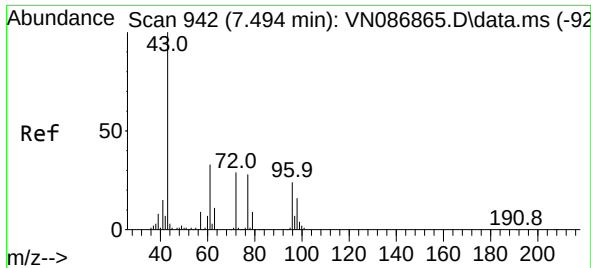
Reviewed By :John Carlone 06/09/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#24
 1,1-Dichloroethane
 Concen: 5.147 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VN086863.D
 Acq: 06 Jun 2025 13:17

Tgt Ion: 63 Resp: 26473
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 5.1 2.6 7.8





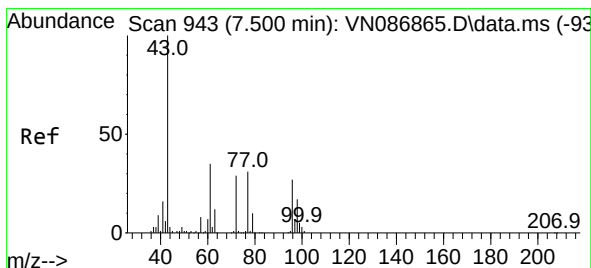
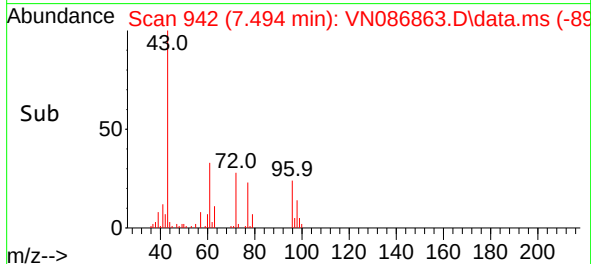
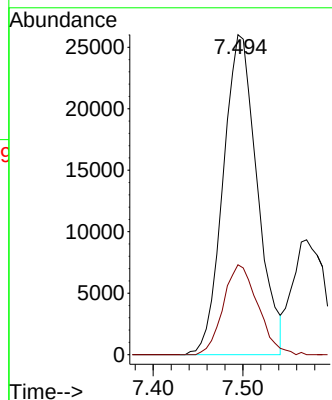
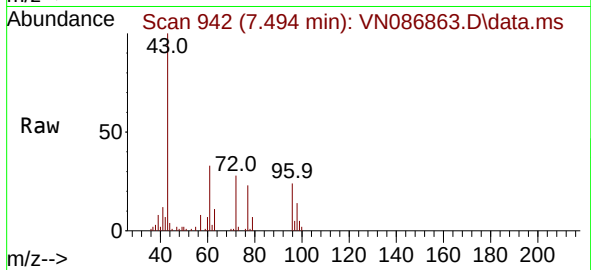
#25
2-Butanone
Concen: 25.888 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 68629
Ion Ratio Lower Upper
43 100
72 28.1 23.0 34.6

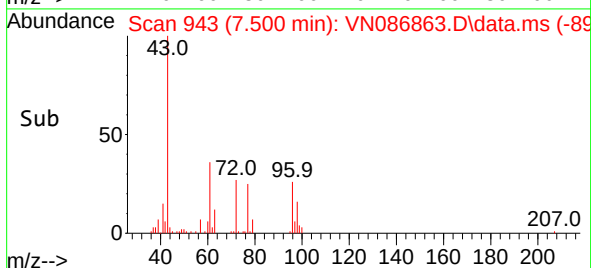
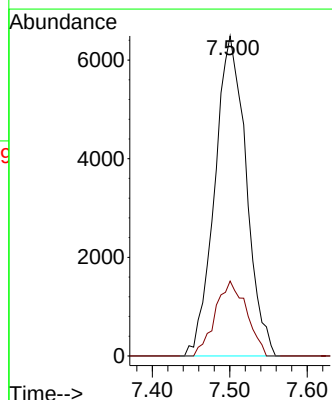
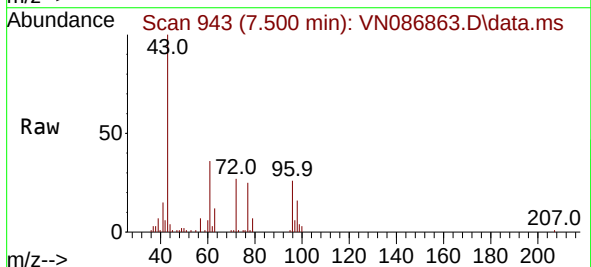
Manual Integrations
APPROVED

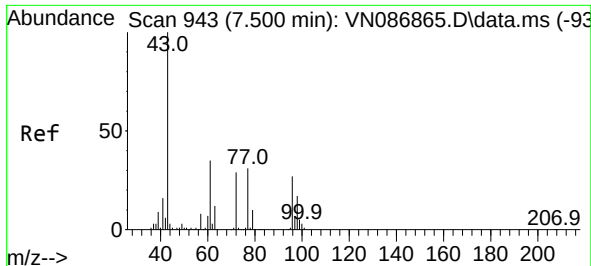
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#26
2,2-Dichloropropane
Concen: 4.571 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

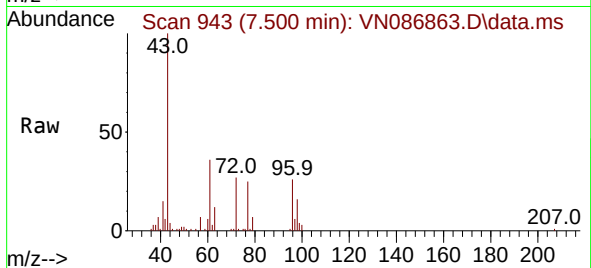
Tgt Ion: 77 Resp: 18288
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 5.172 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. 0.000 min
 Lab File: VN086863.D
 Acq: 06 Jun 2025 13:17

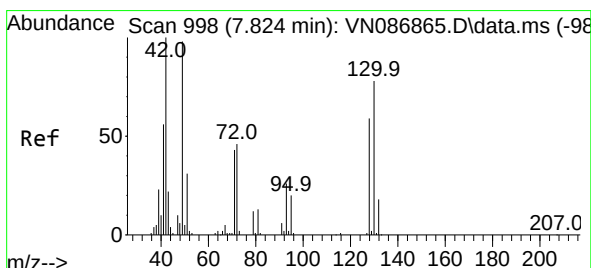
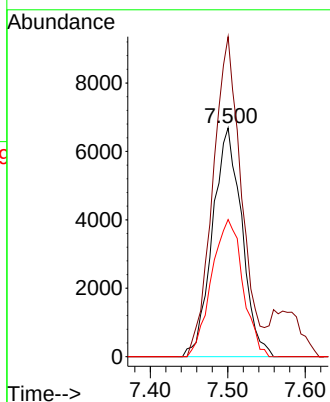
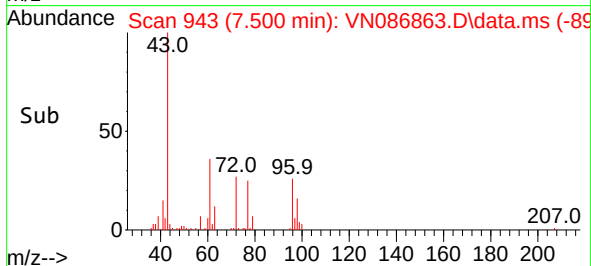
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 17594
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 278.0
 98 64.0 0.0 128.2

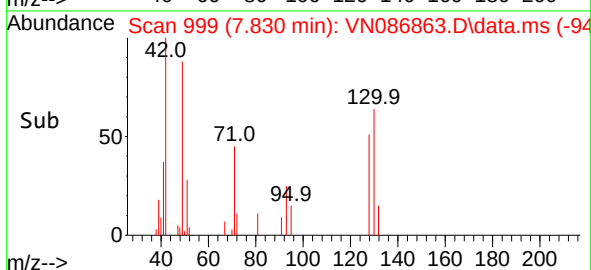
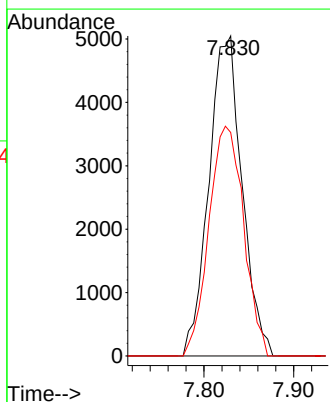
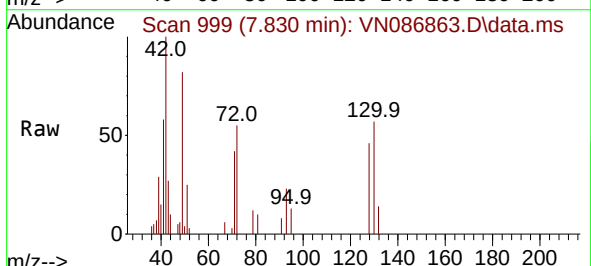
Manual Integrations
 APPROVED

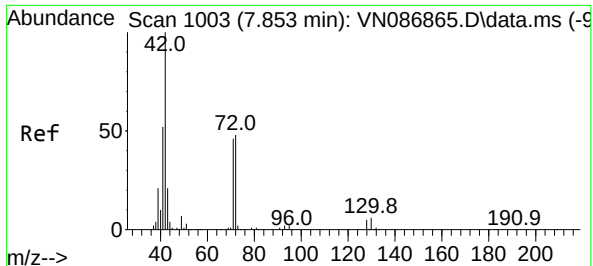
Reviewed By :John Carlone 06/09/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#28
 Bromochloromethane
 Concen: 5.124 ug/l
 RT: 7.830 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VN086863.D
 Acq: 06 Jun 2025 13:17

Tgt Ion: 49 Resp: 12958
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 75.2 62.2 93.2





#29

Tetrahydrofuran

Concen: 25.912 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VN086863.D

Acq: 06 Jun 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

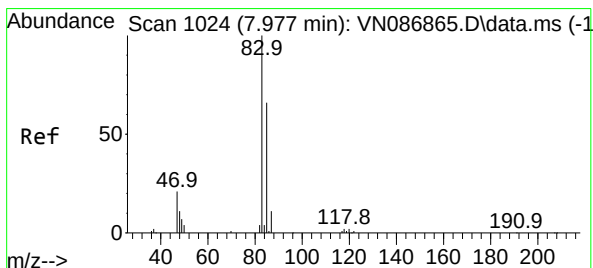
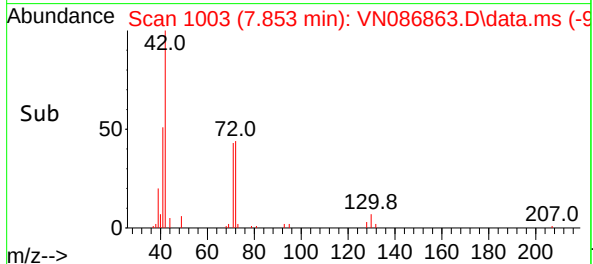
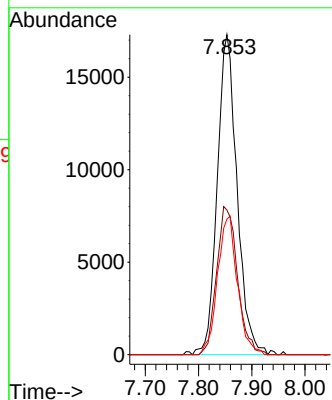
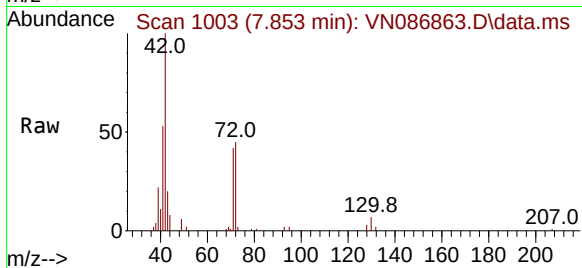
Tgt Ion:	42	Resp:	44749
Ion Ratio	Lower	Upper	
42	100		
72	48.6	37.8	56.6
71	43.5	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#30

Chloroform

Concen: 5.149 ug/l

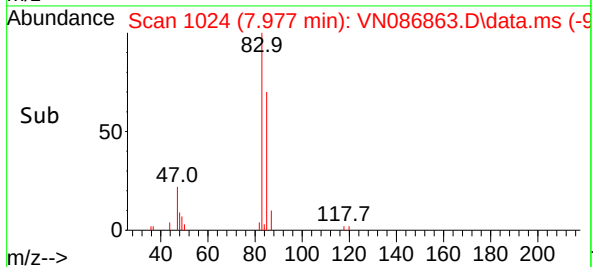
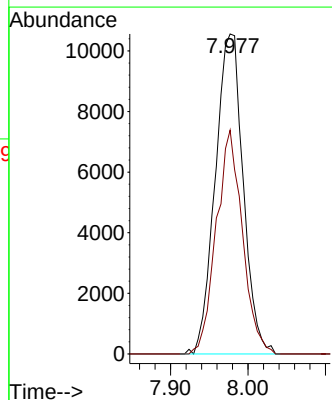
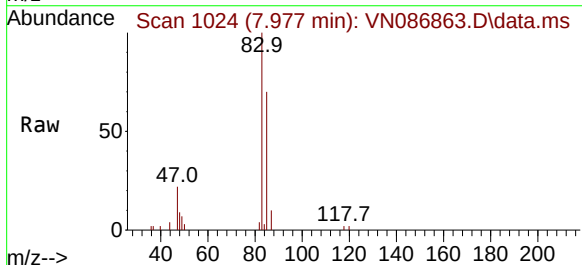
RT: 7.977 min Scan# 1024

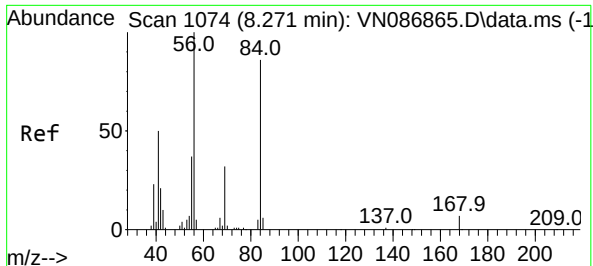
Delta R.T. -0.000 min

Lab File: VN086863.D

Acq: 06 Jun 2025 13:17

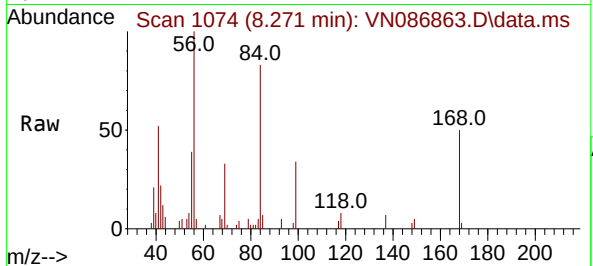
Tgt Ion:	83	Resp:	26450
Ion Ratio	Lower	Upper	
83	100		
85	69.9	52.9	79.3





#31
Cyclohexane
Concen: 6.002 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

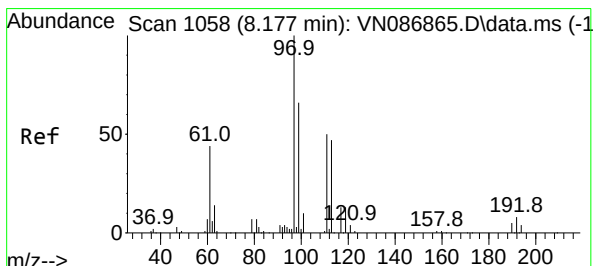
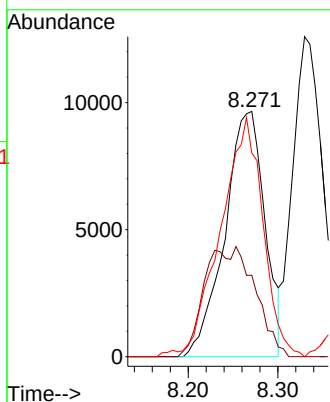
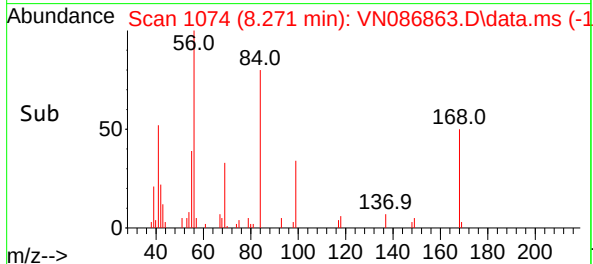
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



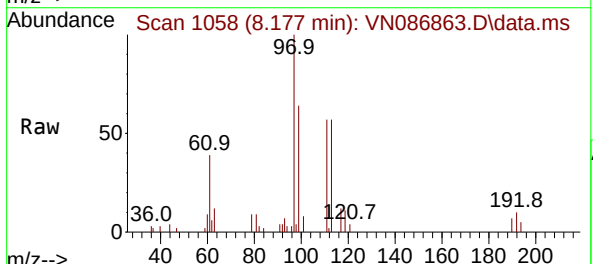
Tgt Ion: 56 Resp: 29938
Ion Ratio Lower Upper
56 100
69 33.2 25.4 38.0
84 81.1 68.8 103.2

Manual Integrations
APPROVED

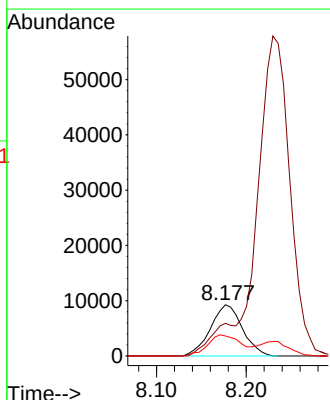
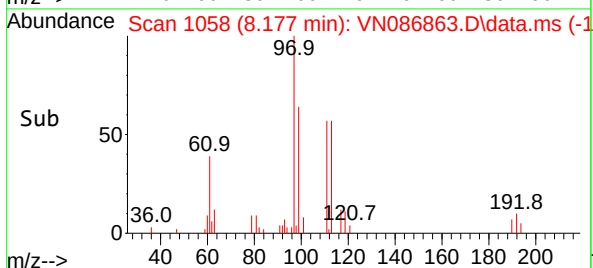
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

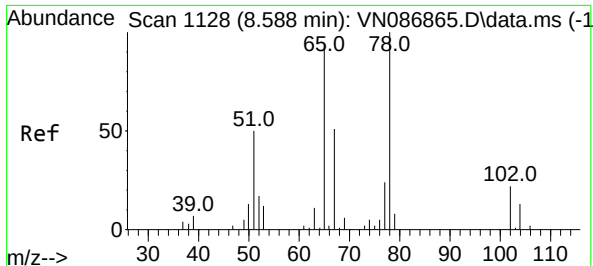


#32
1,1,1-Trichloroethane
Concen: 5.232 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17



Tgt Ion: 97 Resp: 22857
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0#
61 42.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 5.468 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN086863.D

Acq: 06 Jun 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 16818

Ion Ratio Lower Upper

65 100

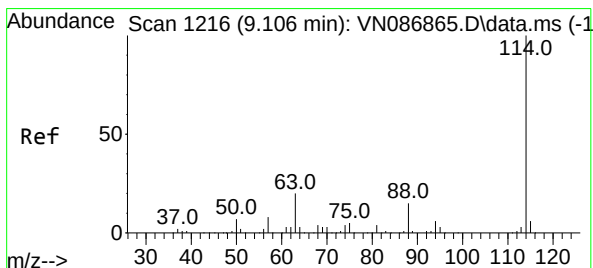
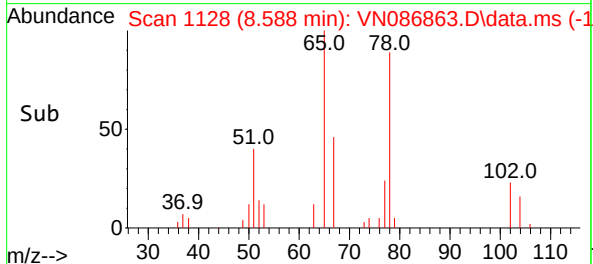
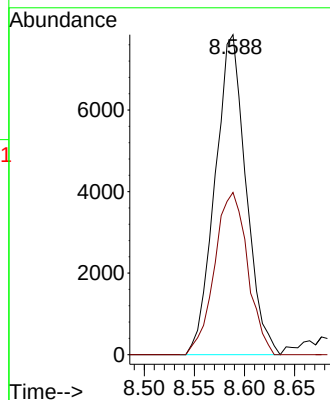
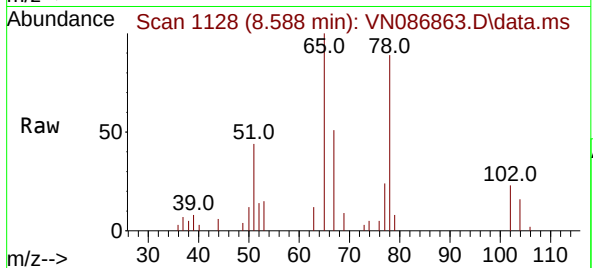
67 54.4 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086863.D

Acq: 06 Jun 2025 13:17

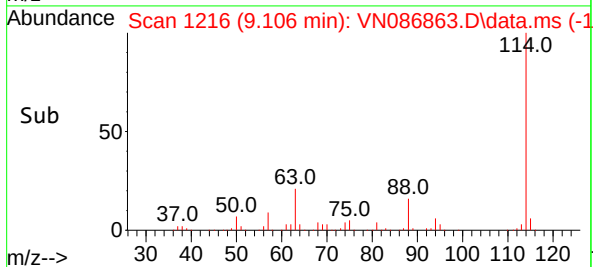
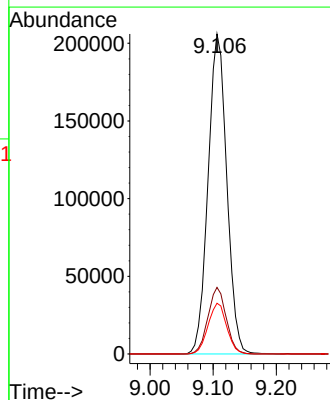
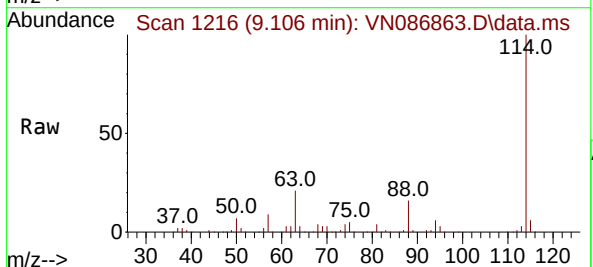
Tgt Ion:114 Resp: 423980

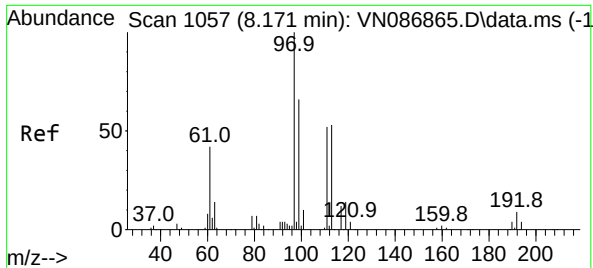
Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.6

88 15.9 0.0 30.2





#35
Dibromofluoromethane
Concen: 5.121 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

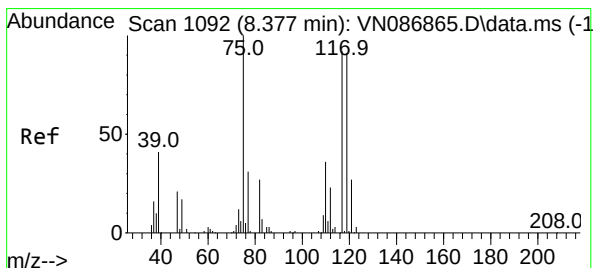
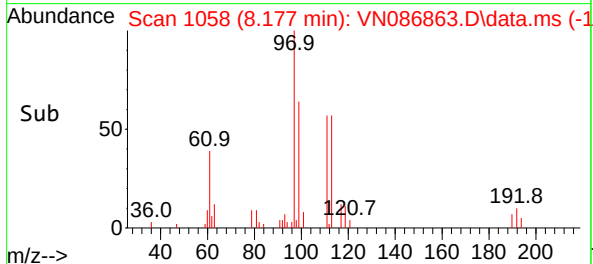
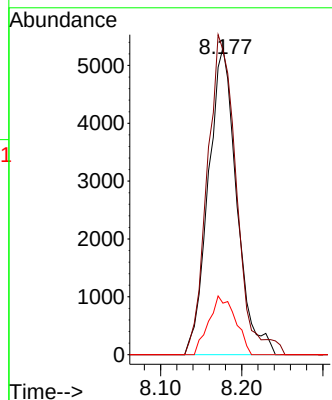
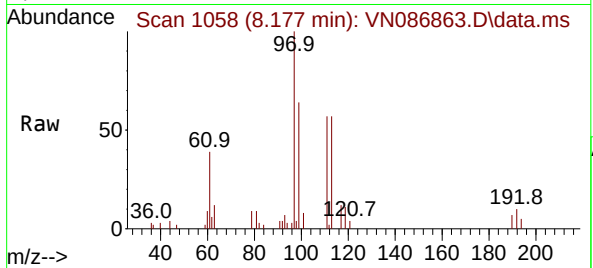
VSTDIC005

Tgt Ion: 113 Resp: 1286
Ion Ratio Lower Upper
113 100
111 106.5 84.2 126.2
192 18.0 14.2 21.4

Manual Integrations

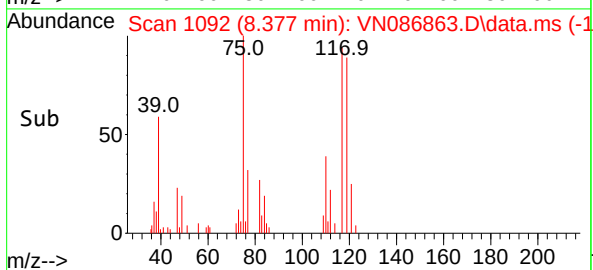
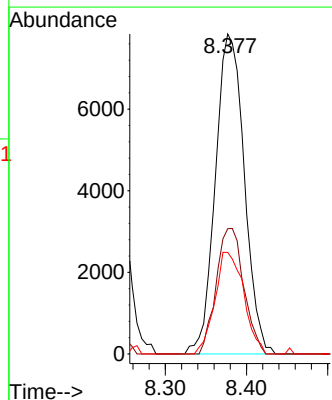
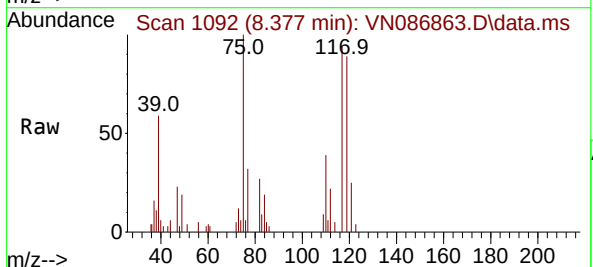
APPROVED

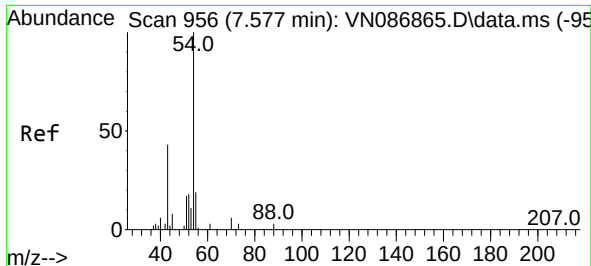
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#36
1,1-Dichloropropene
Concen: 5.184 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 75 Resp: 19410
Ion Ratio Lower Upper
75 100
110 37.4 17.6 52.9
77 31.7 25.3 37.9





#37

Ethyl Acetate

Concen: 5.470 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086863.D

Acq: 06 Jun 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 2607

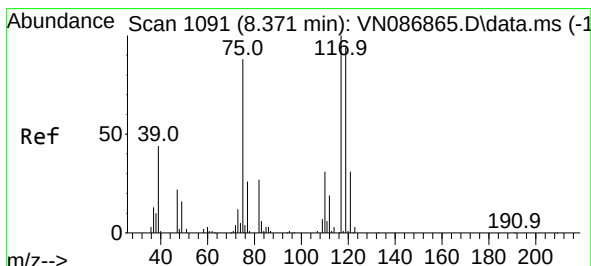
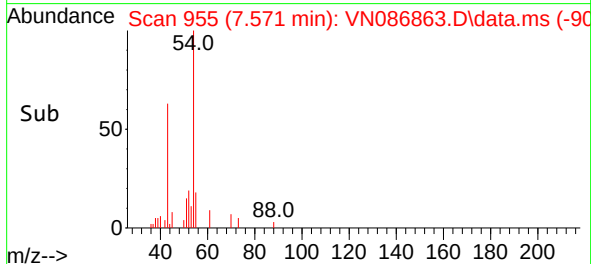
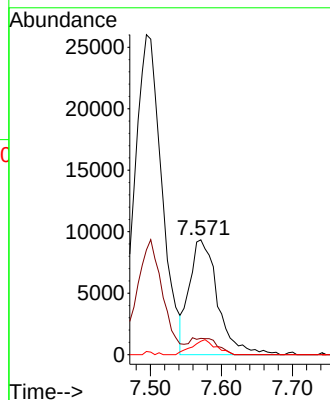
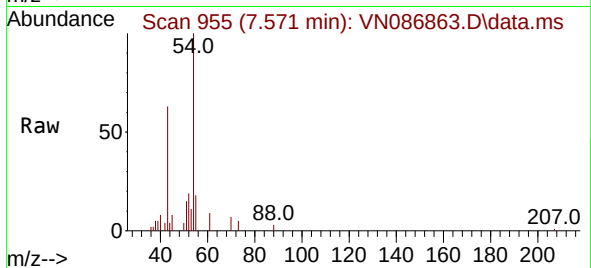
Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.1	18.1
70	10.9	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#38

Carbon Tetrachloride

Concen: 5.184 ug/l

RT: 8.371 min Scan# 1091

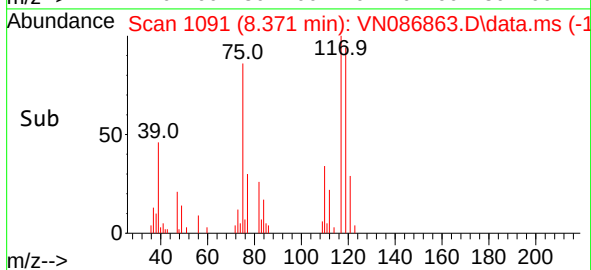
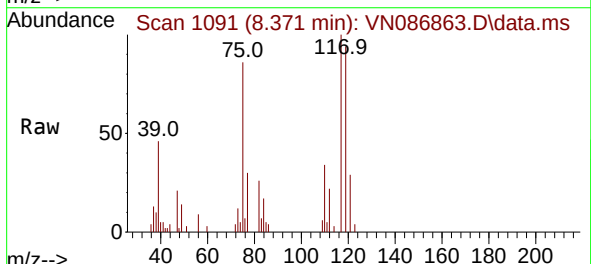
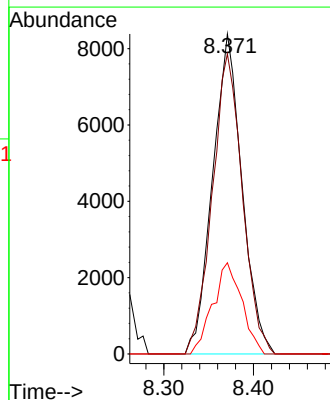
Delta R.T. 0.000 min

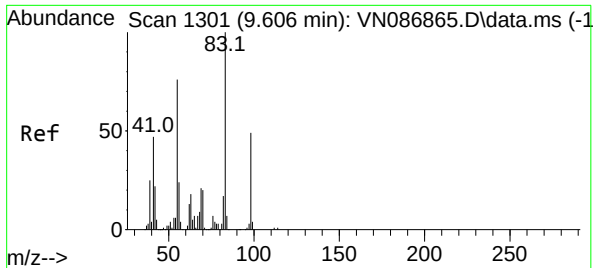
Lab File: VN086863.D

Acq: 06 Jun 2025 13:17

Tgt Ion:117 Resp: 19056

Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.0	112.6
121	28.5	24.9	37.3





#39

Methylcyclohexane

Concen: 5.333 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086863.D

Acq: 06 Jun 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

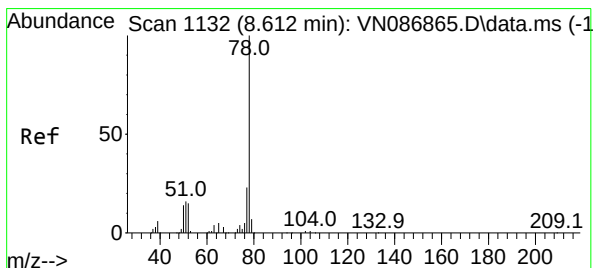
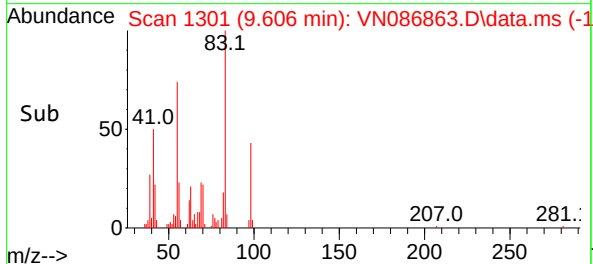
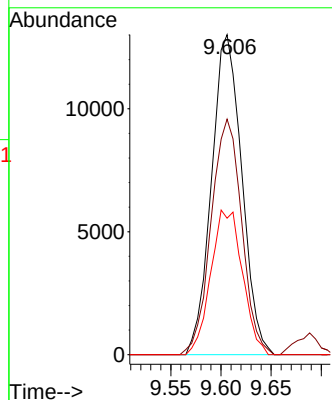
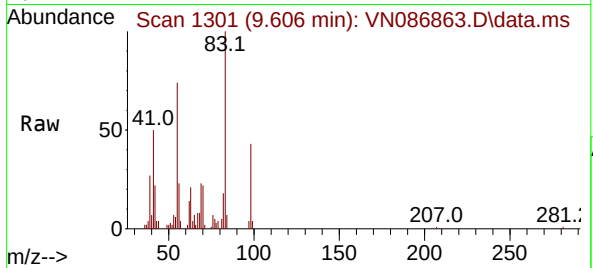
Tgt Ion: 83	Resp: 2735
Ion Ratio	Lower Upper
83 100	
55 73.6	61.0 91.6
98 42.6	38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#40

Benzene

Concen: 5.199 ug/l

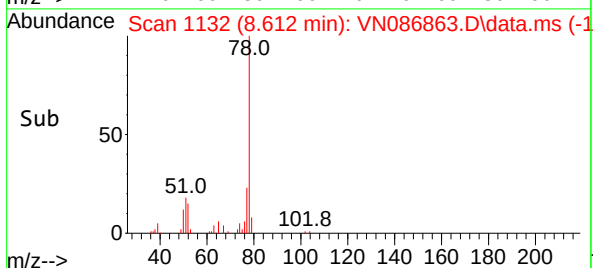
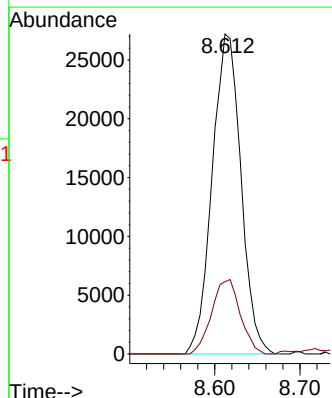
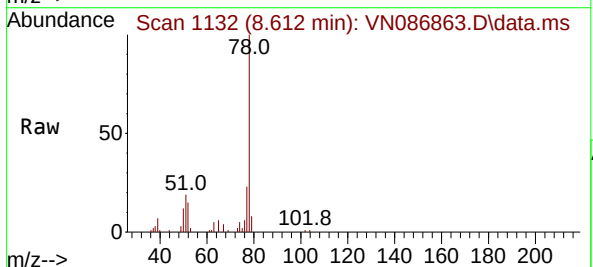
RT: 8.612 min Scan# 1132

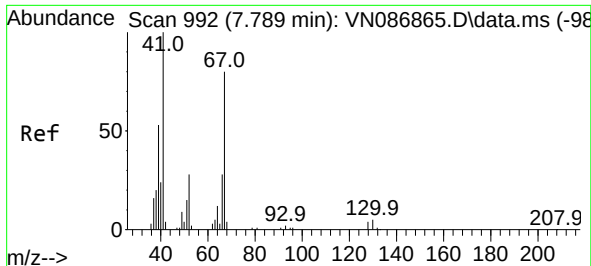
Delta R.T. -0.000 min

Lab File: VN086863.D

Acq: 06 Jun 2025 13:17

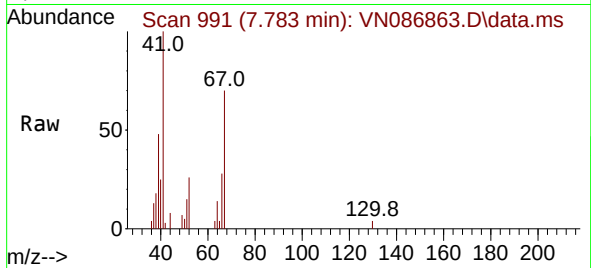
Tgt Ion: 78	Resp: 63646
Ion Ratio	Lower Upper
78 100	
77 22.6	18.7 28.1





#41
Methacrylonitrile
Concen: 5.050 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

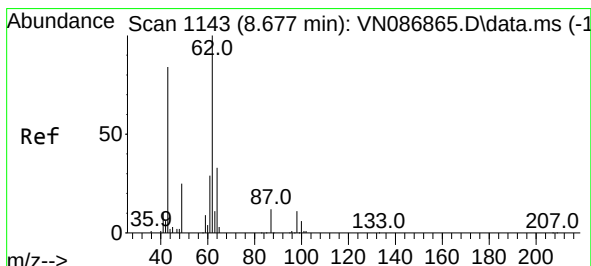
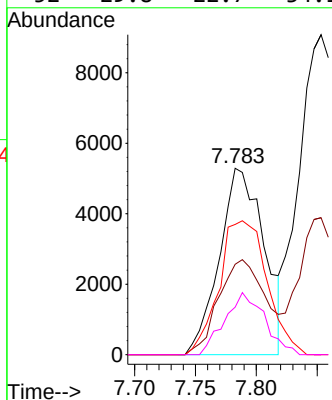
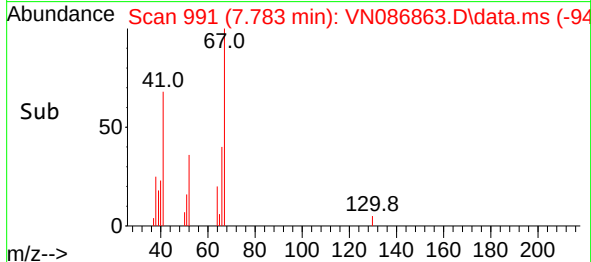
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:	41	Resp:	13518
Ion Ratio	100	Lower	Upper
39	53.1	41.2	61.8
67	77.0	61.4	92.2
52	29.8	22.7	34.1

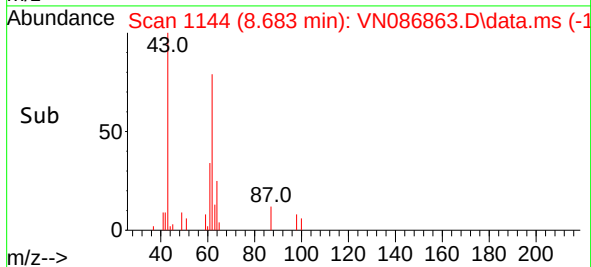
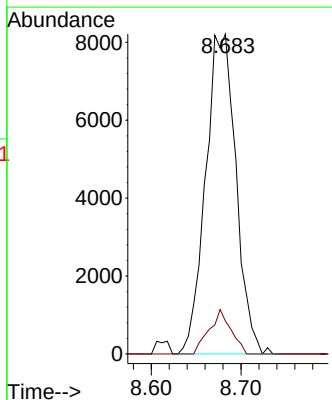
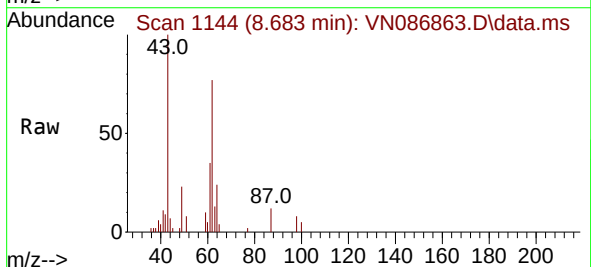
Manual Integrations
APPROVED

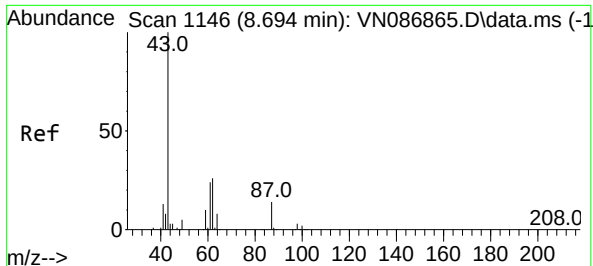
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#42
1,2-Dichloroethane
Concen: 5.205 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:	62	Resp:	19329
Ion Ratio	100	Lower	Upper
98	9.9	0.0	21.2





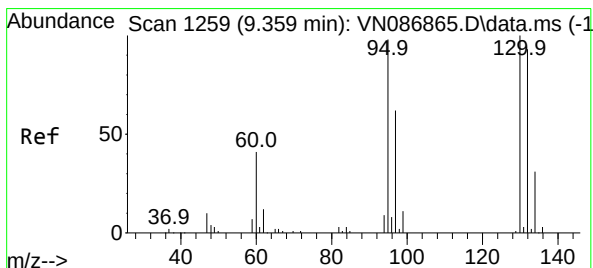
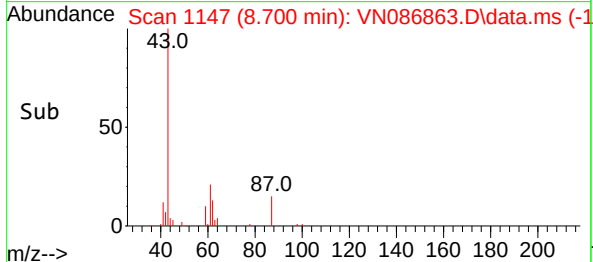
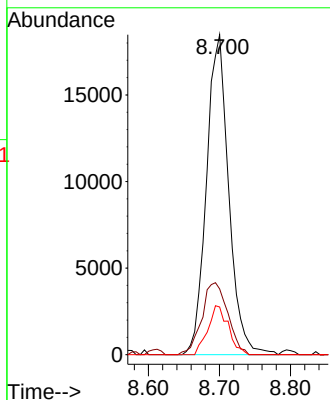
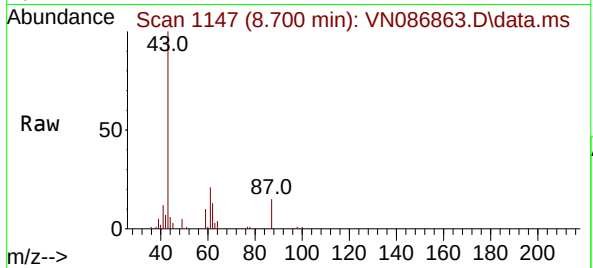
#43
Isopropyl Acetate
Concen: 5.264 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 40268
Ion Ratio Lower Upper
43 100
61 26.2 22.1 33.1
87 14.1 11.8 17.6

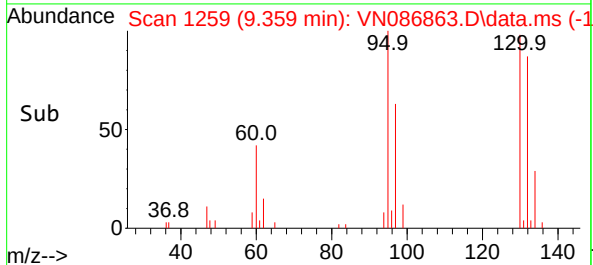
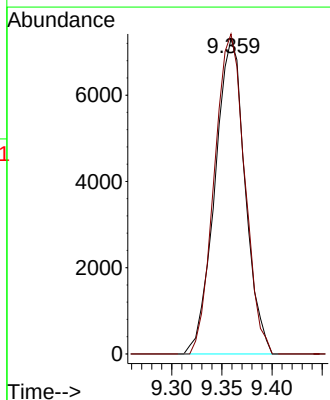
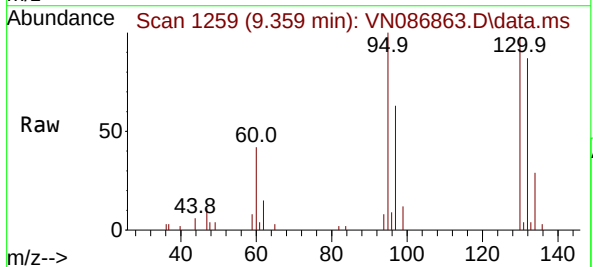
Manual Integrations
APPROVED

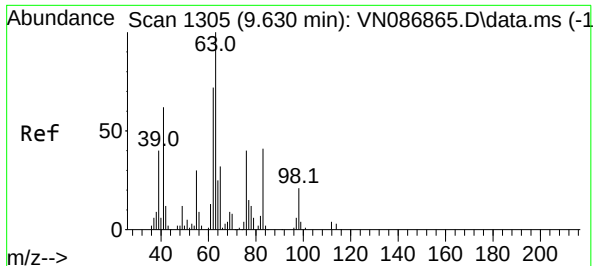
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#44
Trichloroethene
Concen: 5.251 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:130 Resp: 15245
Ion Ratio Lower Upper
130 100
95 101.6 0.0 196.2





#45

1,2-Dichloropropane

Concen: 5.248 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN086863.D

Acq: 06 Jun 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1563

Ion Ratio Lower Upper

63 100

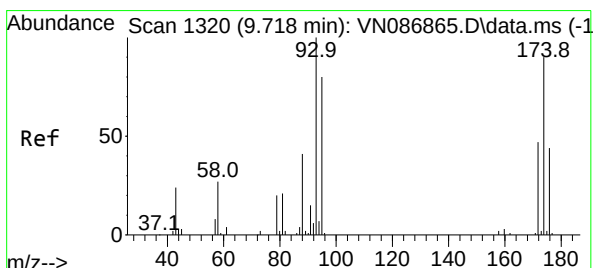
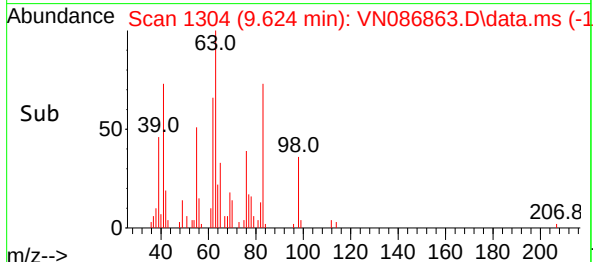
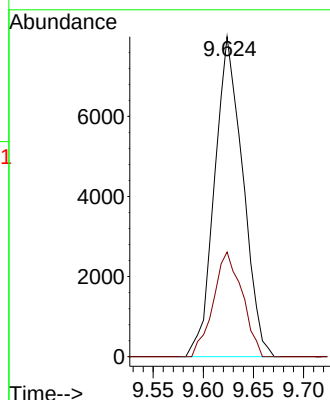
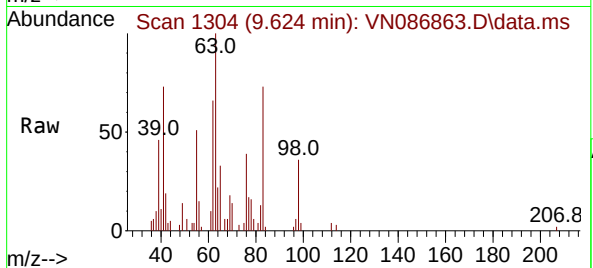
65 32.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#46

Dibromomethane

Concen: 5.176 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN086863.D

Acq: 06 Jun 2025 13:17

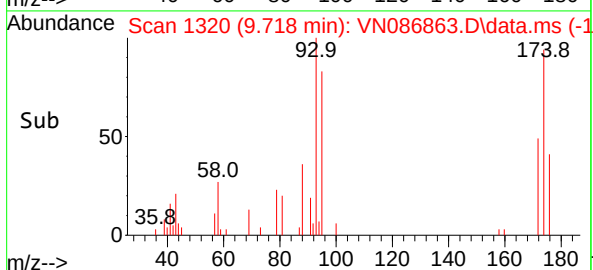
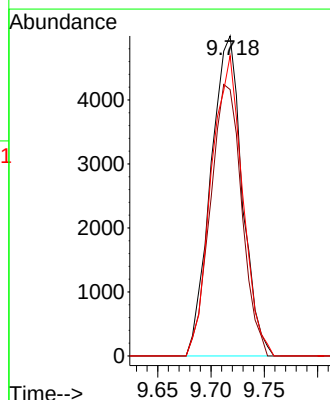
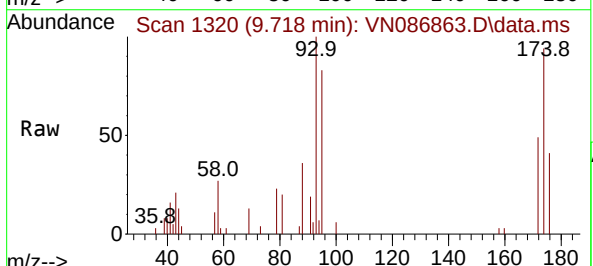
Tgt Ion: 93 Resp: 10241

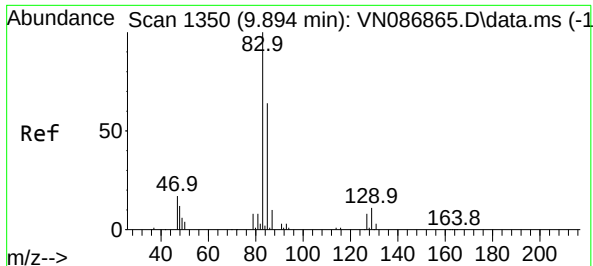
Ion Ratio Lower Upper

93 100

95 84.9 67.1 100.7

174 93.4 74.2 111.4





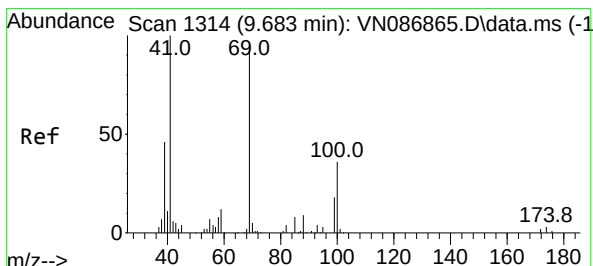
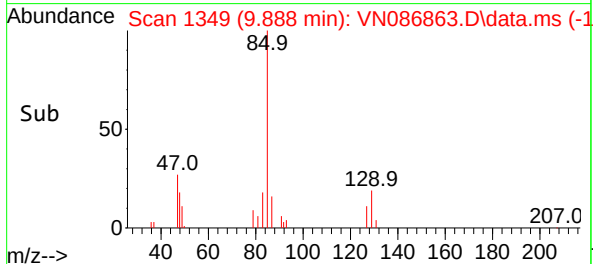
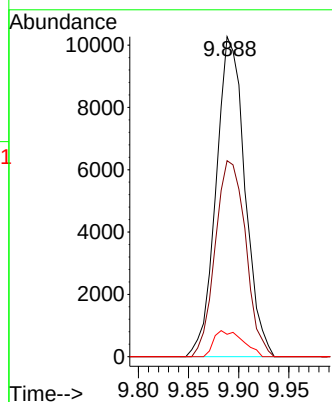
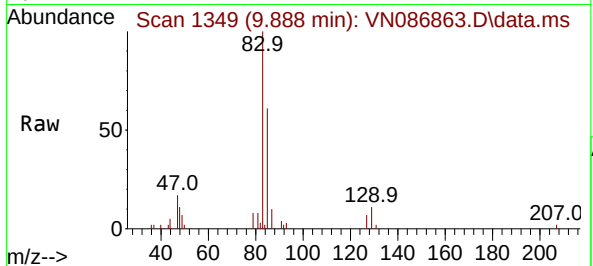
#47
Bromodichloromethane
Concen: 5.039 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 2051
Ion Ratio Lower Upper
83 100
85 61.3 50.9 76.3
127 7.0 6.6 10.0

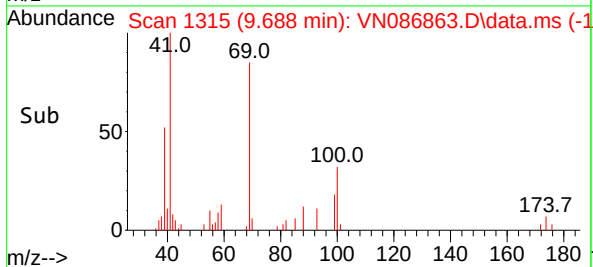
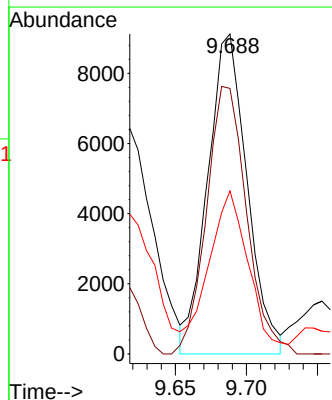
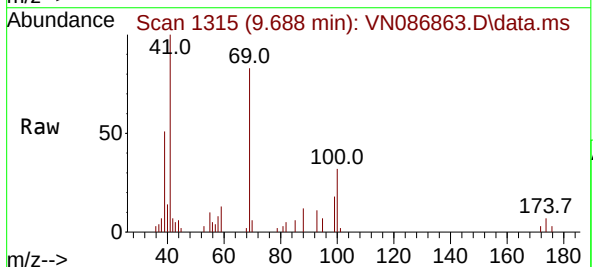
Manual Integrations
APPROVED

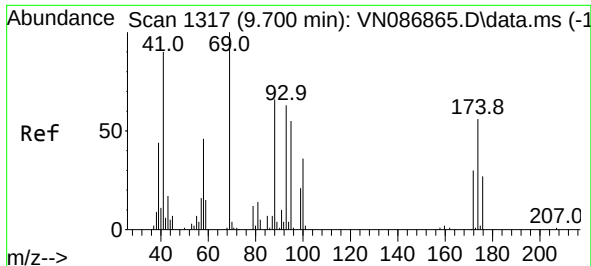
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#48
Methyl methacrylate
Concen: 4.996 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 41 Resp: 17591
Ion Ratio Lower Upper
41 100
69 85.2 74.6 112.0
39 52.3 40.2 60.4





#49

1,4-Dioxane

Concen: 95.874 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN086863.D

Acq: 06 Jun 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 614

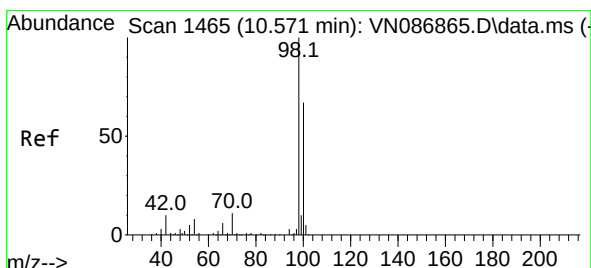
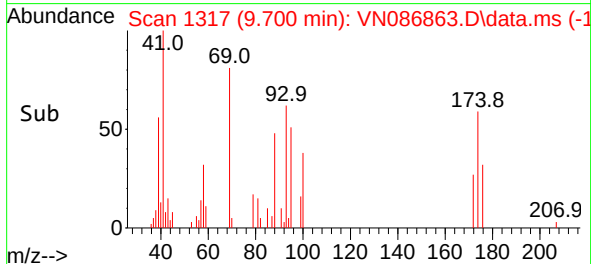
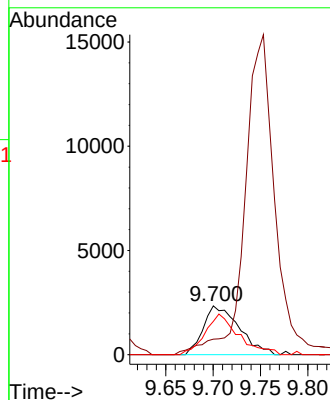
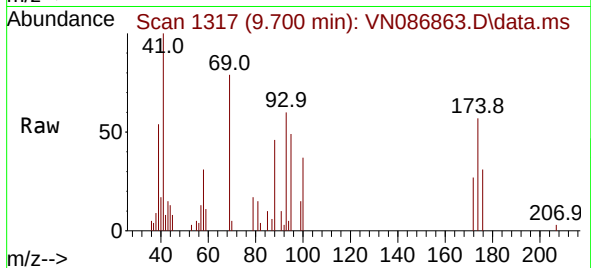
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	77.9	57.7	86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#50

Toluene-d8

Concen: 5.308 ug/l

RT: 10.571 min Scan# 1465

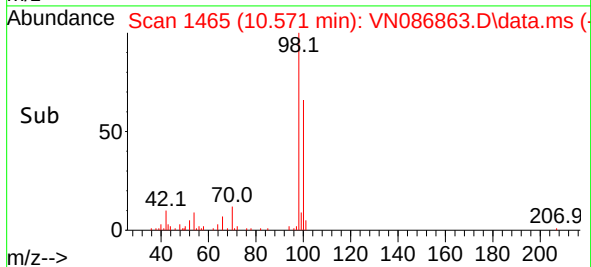
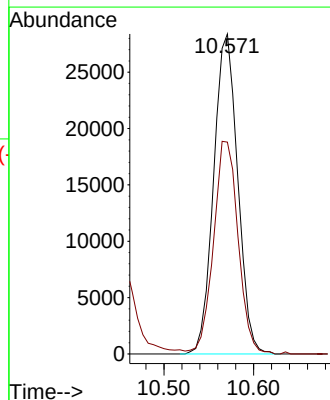
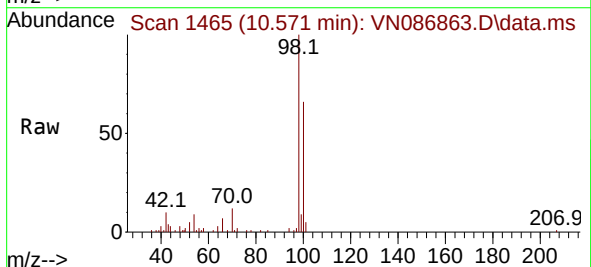
Delta R.T. -0.000 min

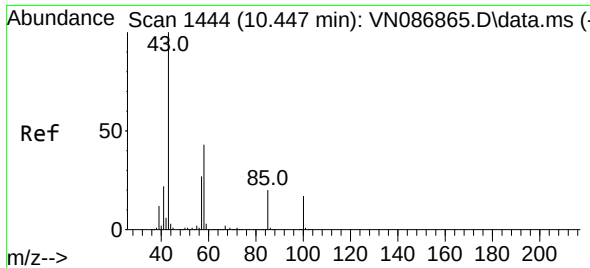
Lab File: VN086863.D

Acq: 06 Jun 2025 13:17

Tgt Ion: 98 Resp: 52794

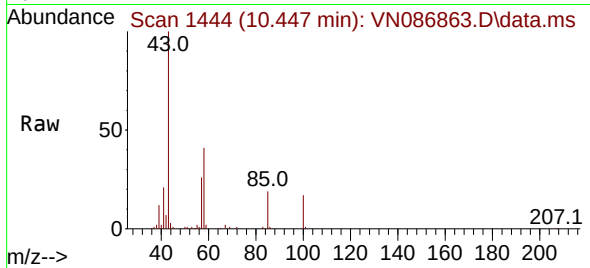
Ion	Ratio	Lower	Upper
98	100		
100	68.1	53.4	80.0





#51
4-Methyl-2-Pentanone
Concen: 25.283 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

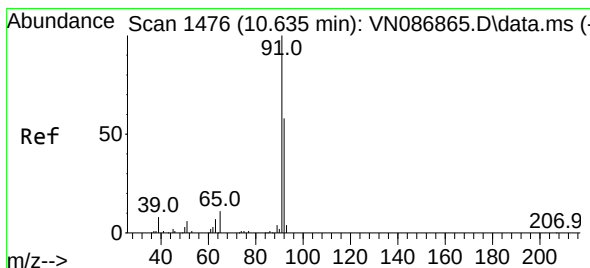
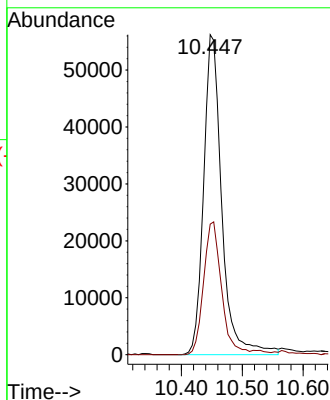
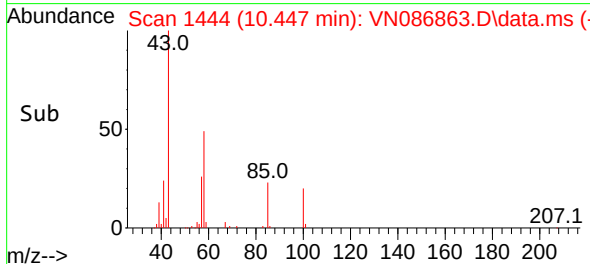
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



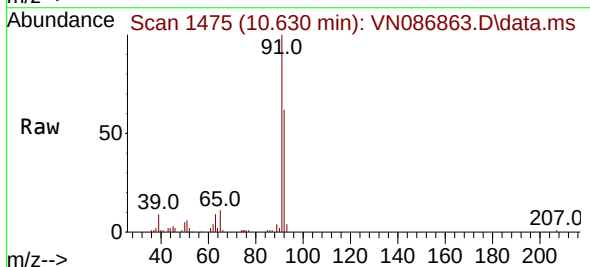
Tgt Ion: 43 Resp: 116434
Ion Ratio Lower Upper
43 100
58 40.9 34.2 51.4

Manual Integrations
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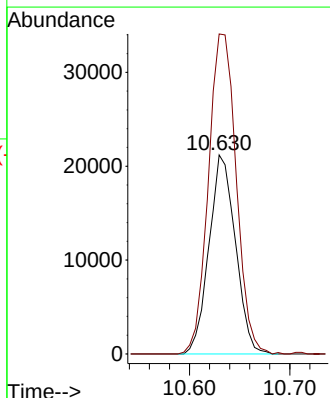
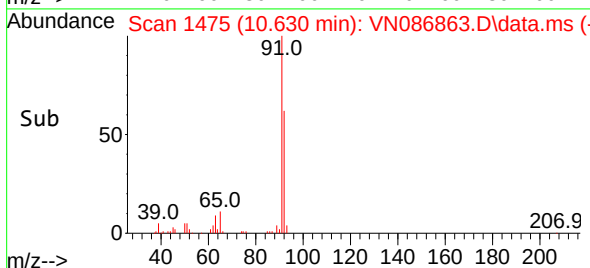
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

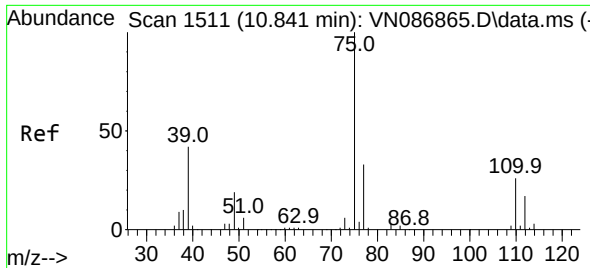


#52
Toluene
Concen: 5.178 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17



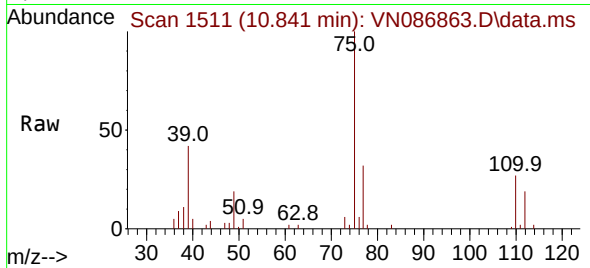
Tgt Ion: 92 Resp: 38744
Ion Ratio Lower Upper
92 100
91 169.5 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 4.896 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

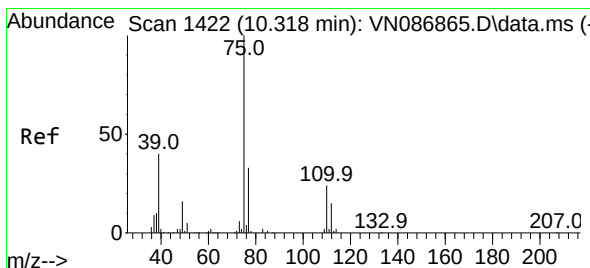
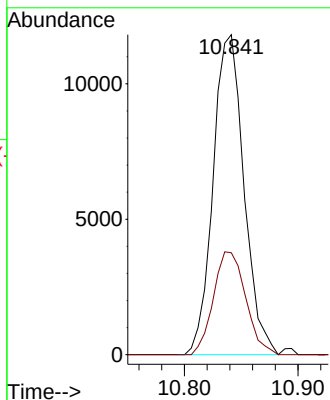
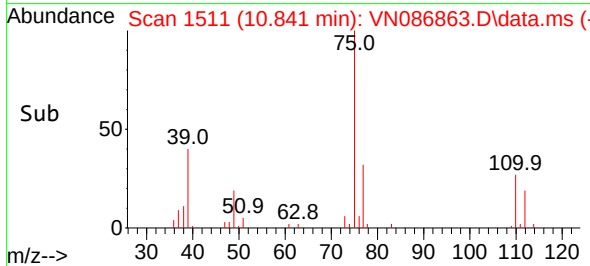
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



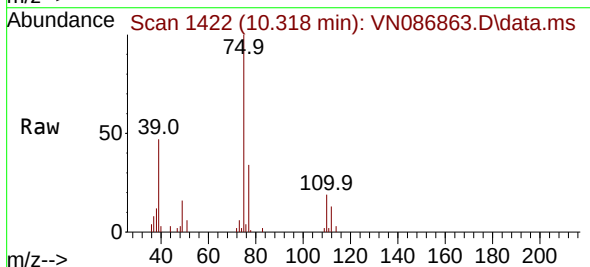
Tgt Ion: 75 Resp: 2228
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6

Manual Integrations
APPROVED

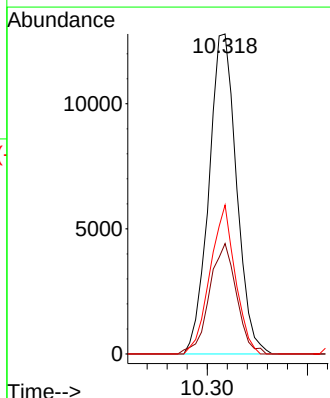
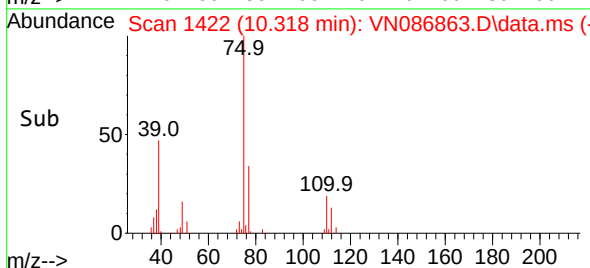
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

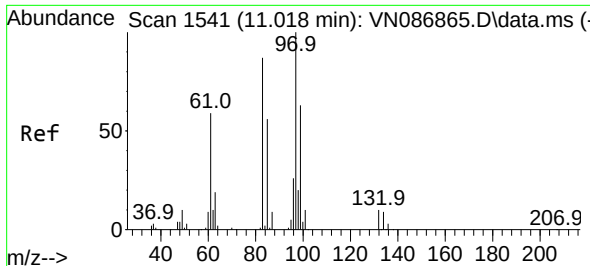


#54
cis-1,3-Dichloropropene
Concen: 5.026 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17



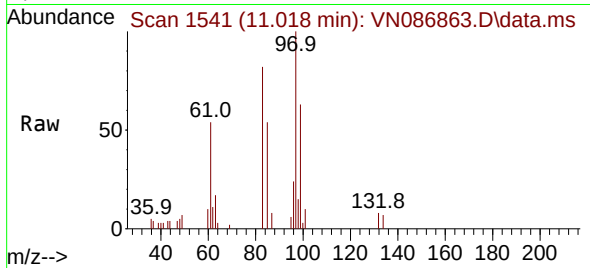
Tgt Ion: 75 Resp: 24477
Ion Ratio Lower Upper
75 100
77 34.5 26.2 39.4
39 46.5 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 5.234 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

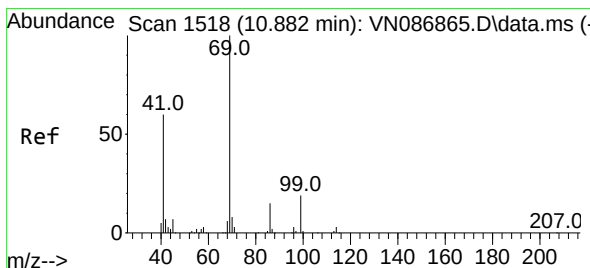
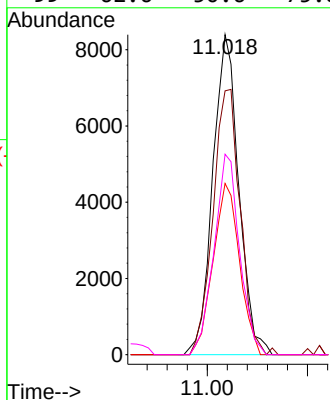
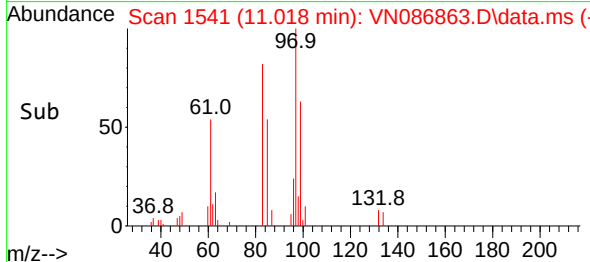
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



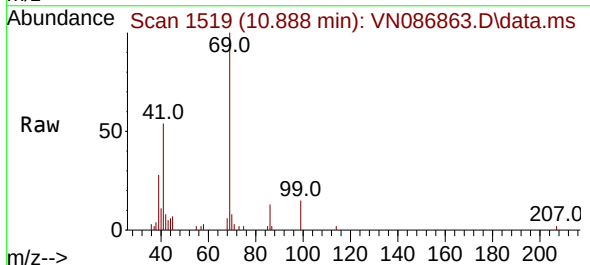
Tgt Ion:	97	Resp:	1506
Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.7	104.5
85	53.5	45.1	67.7
99	62.6	50.6	75.8

Manual Integrations
APPROVED

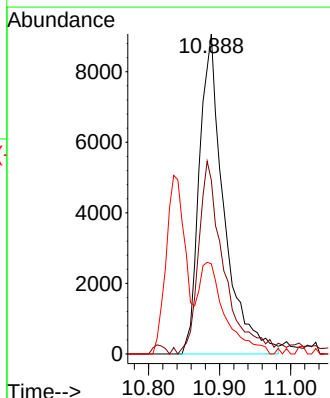
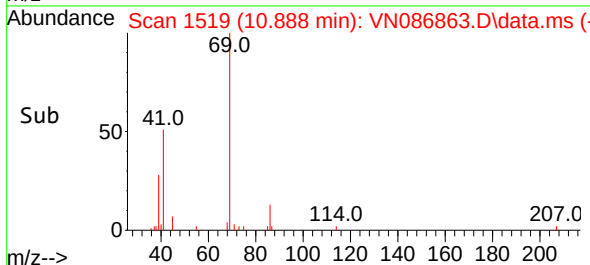
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

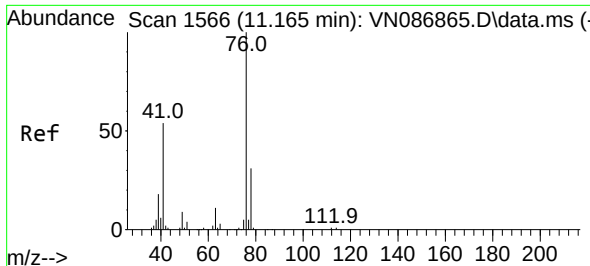


#56
Ethyl methacrylate
Concen: 4.774 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17



Tgt Ion:	69	Resp:	21893
Ion	Ratio	Lower	Upper
69	100		
41	63.5	47.2	70.8
39	29.9	23.0	34.6





#57

1,3-Dichloropropane

Concen: 5.096 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN086863.D

Acq: 06 Jun 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 25452

Ion Ratio Lower Upper

76 100

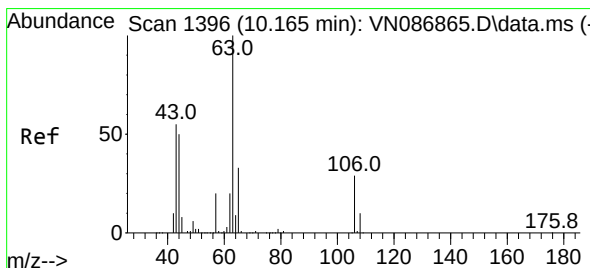
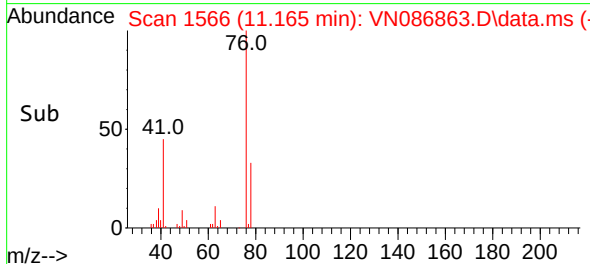
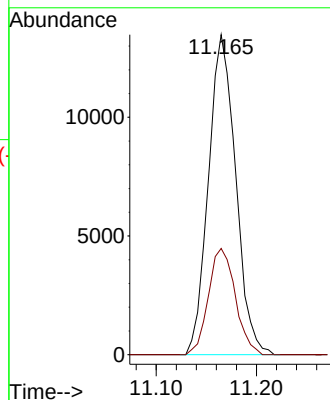
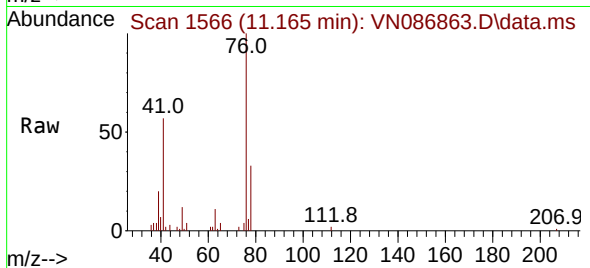
78 32.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#58

2-Chloroethyl Vinyl ether

Concen: 23.664 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN086863.D

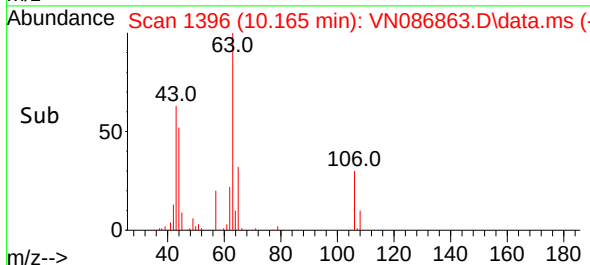
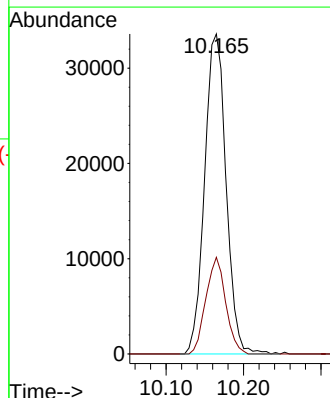
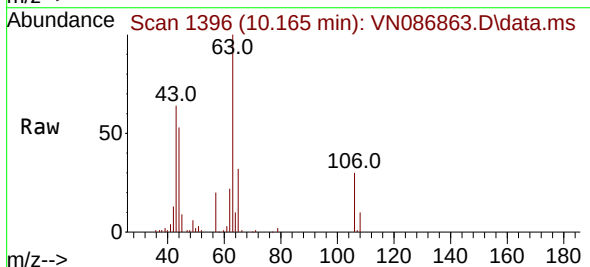
Acq: 06 Jun 2025 13:17

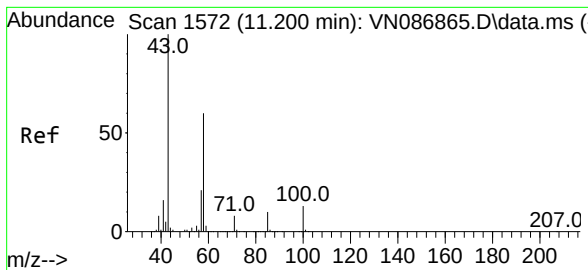
Tgt Ion: 63 Resp: 64722

Ion Ratio Lower Upper

63 100

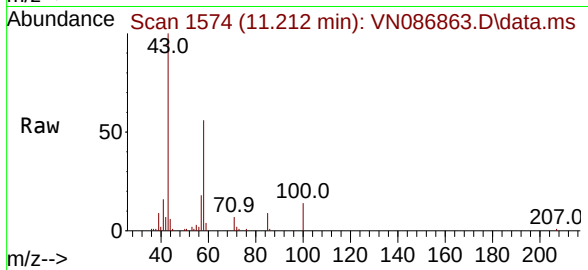
106 27.9 23.0 34.6





#59
2-Hexanone
Concen: 20.188 ug/l
RT: 11.212 min Scan# 1574
Delta R.T. 0.012 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

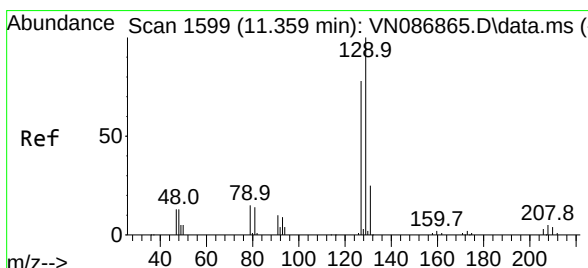
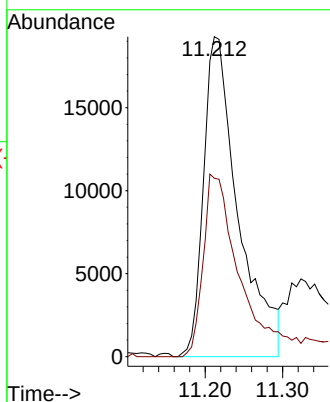
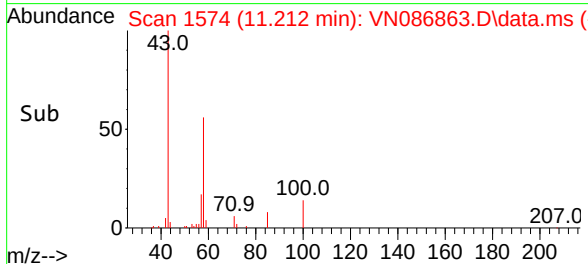
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 59884
Ion Ratio Lower Upper
43 100
58 60.5 30.4 91.3

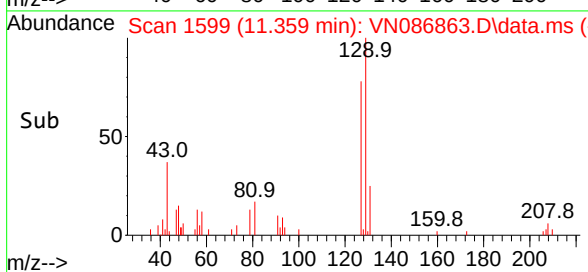
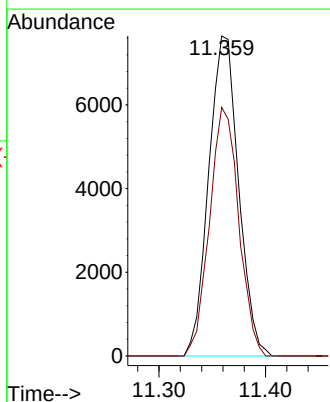
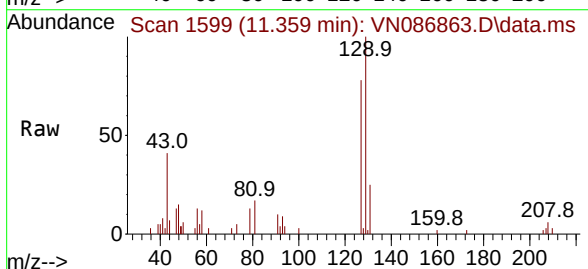
Manual Integrations
APPROVED

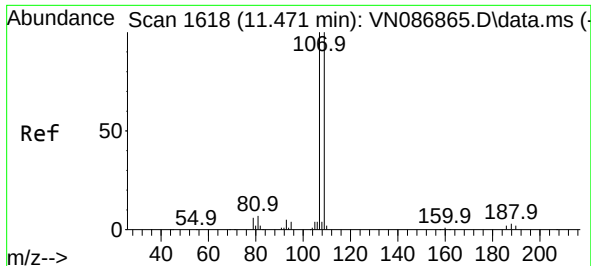
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#60
Dibromochloromethane
Concen: 4.962 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

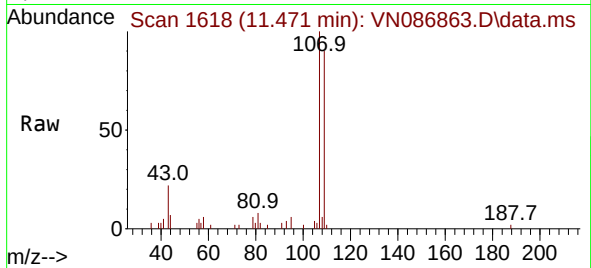
Tgt Ion:129 Resp: 14884
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 5.141 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

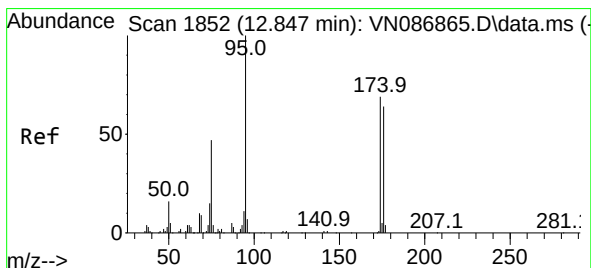
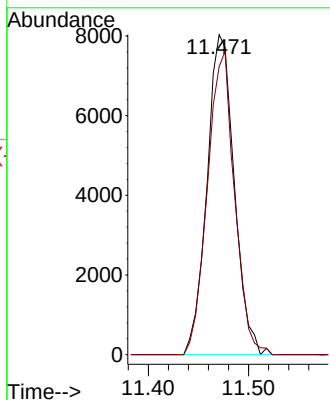
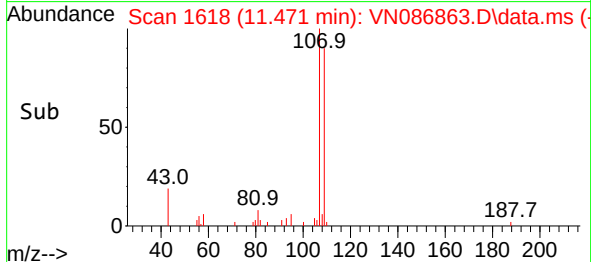
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



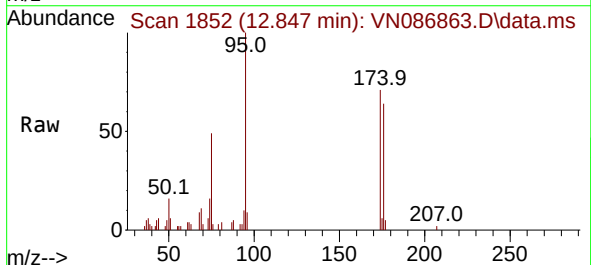
Tgt Ion:107 Resp: 15172
Ion Ratio Lower Upper
107 100
109 94.2 76.3 114.5

Manual Integrations
APPROVED

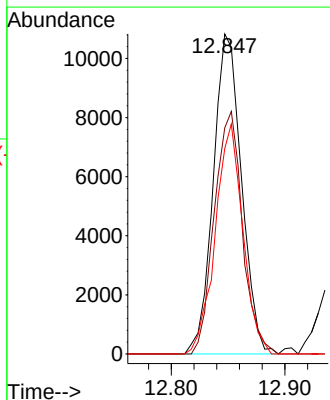
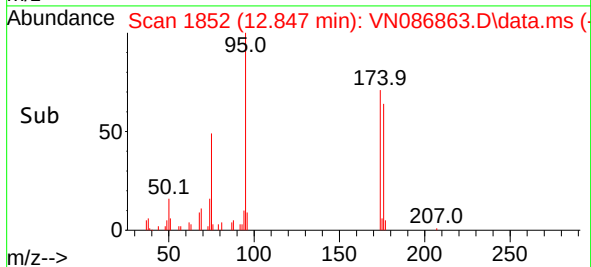
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

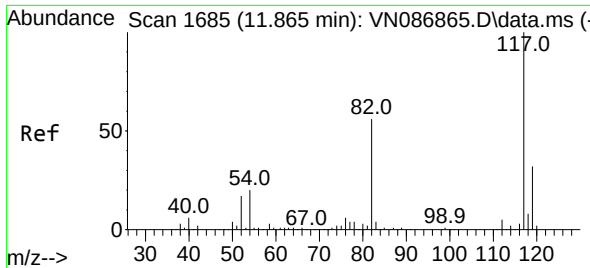


#62
4-Bromofluorobenzene
Concen: 5.059 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17



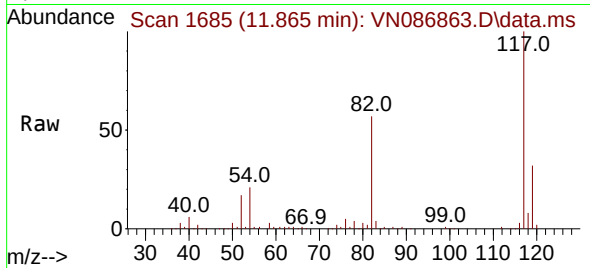
Tgt Ion: 95 Resp: 18697
Ion Ratio Lower Upper
95 100
174 75.5 0.0 141.8
176 70.2 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

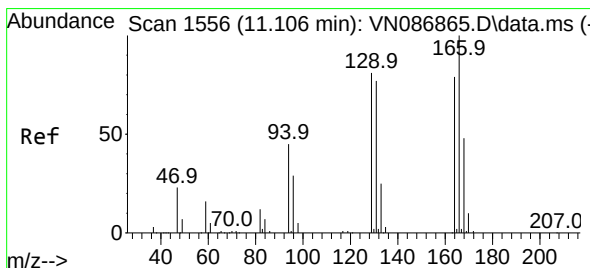
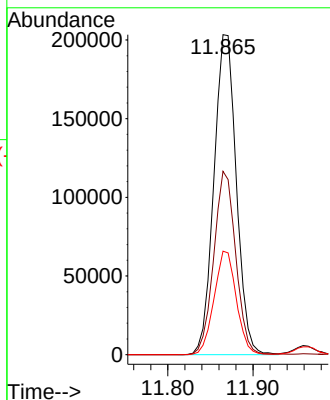
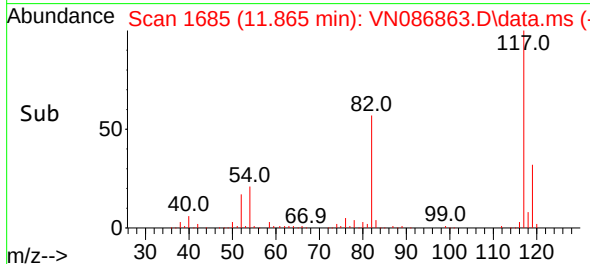
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



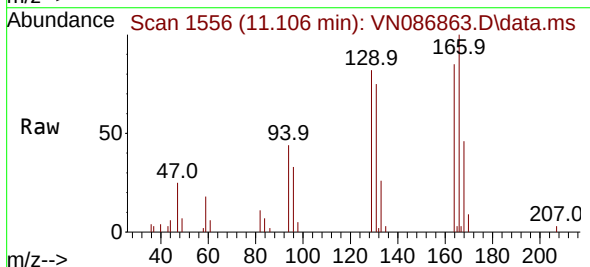
Tgt Ion:117 Resp: 37185
Ion Ratio Lower Upper
117 100
82 57.3 44.6 67.0
119 32.3 25.5 38.3

Manual Integrations
APPROVED

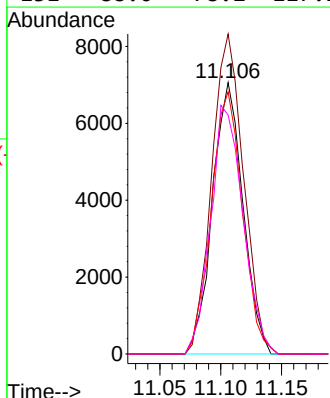
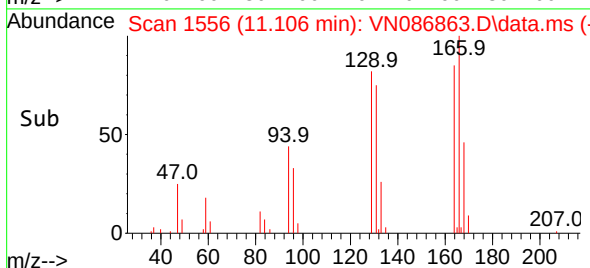
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

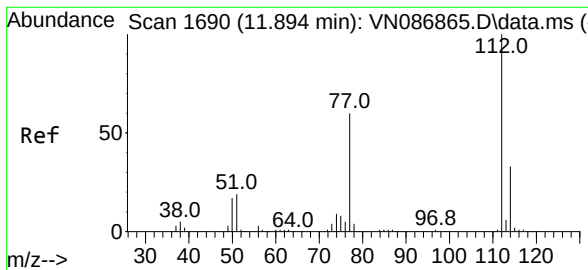


#64
Tetrachloroethene
Concen: 5.236 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17



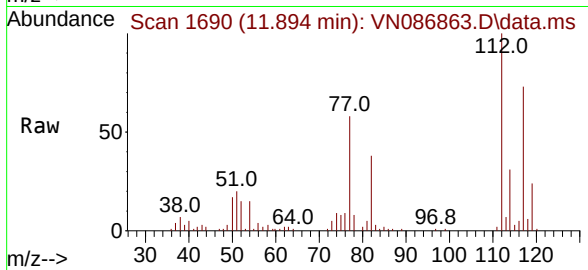
Tgt Ion:164 Resp: 12322
Ion Ratio Lower Upper
164 100
166 117.9 101.8 152.8
129 96.6 83.0 124.4
131 88.0 78.2 117.2





#65
Chlorobenzene
Concen: 5.145 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

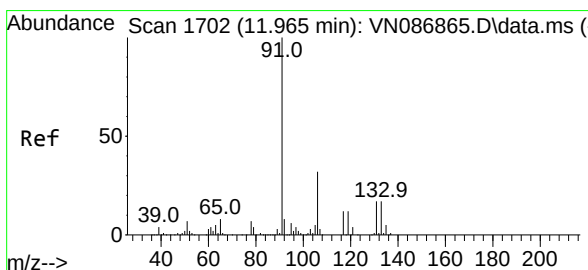
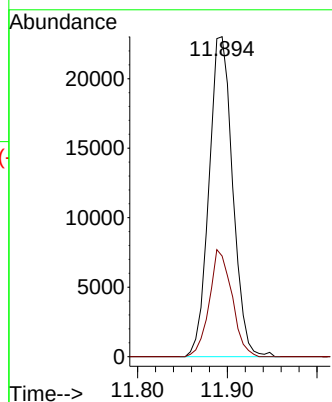
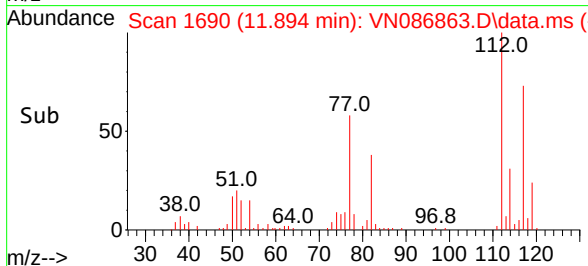
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



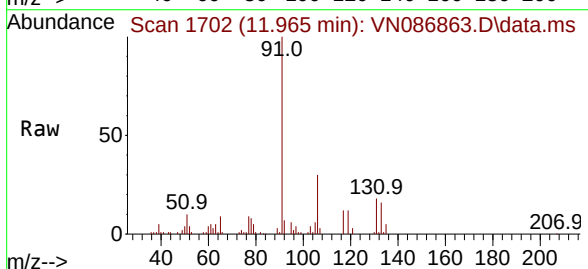
Tgt Ion:112 Resp: 4219
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

Manual Integrations
APPROVED

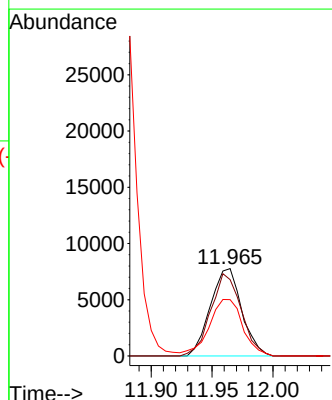
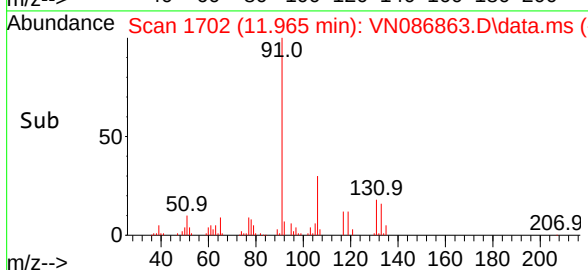
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

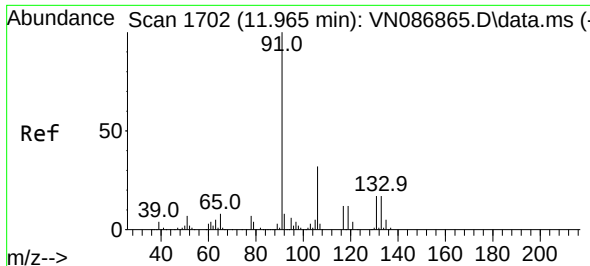


#66
1,1,1,2-Tetrachloroethane
Concen: 5.271 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17



Tgt Ion:131 Resp: 13897
Ion Ratio Lower Upper
131 100
133 91.7 48.3 144.8
119 69.1 34.0 101.8





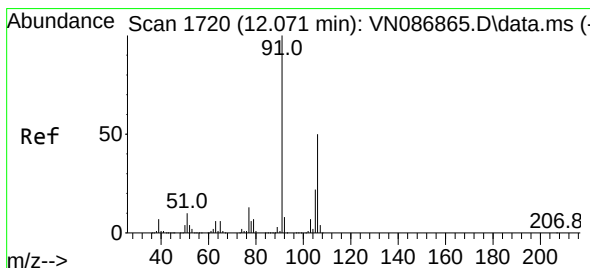
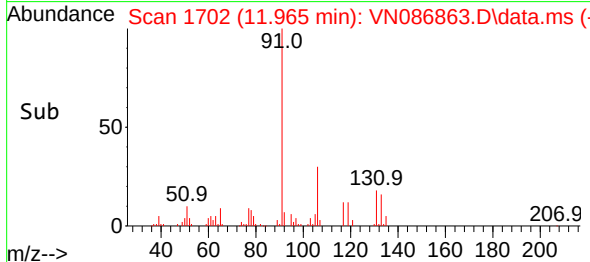
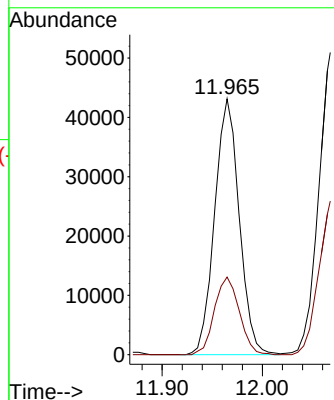
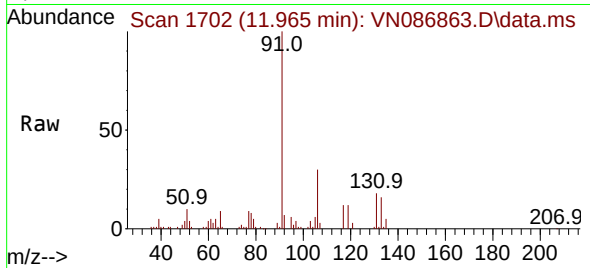
#67
Ethyl Benzene
Concen: 5.199 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 7344
Ion Ratio Lower Upper
91 100
106 30.3 25.4 38.2

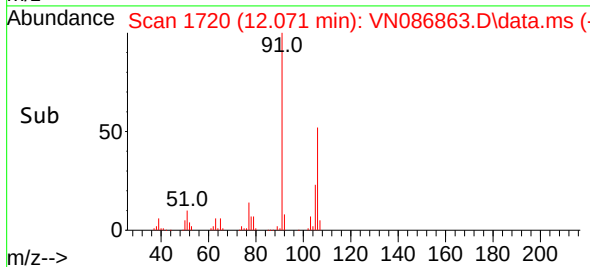
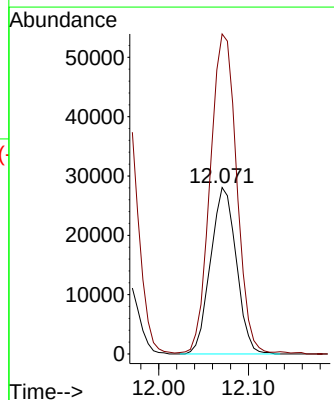
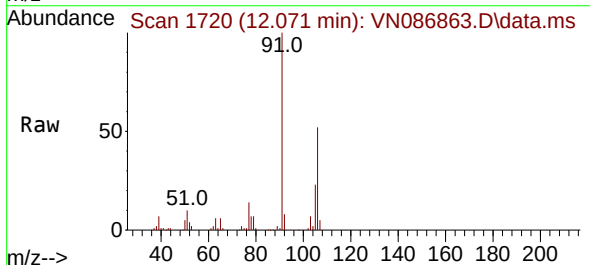
Manual Integrations
APPROVED

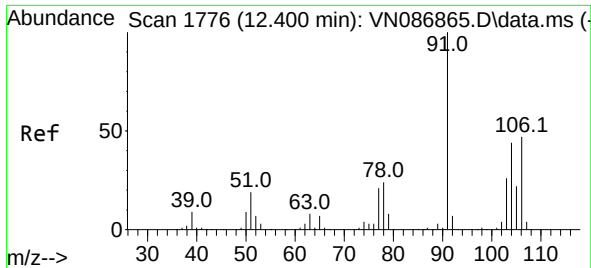
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#68
m/p-Xylenes
Concen: 10.330 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:106 Resp: 55859
Ion Ratio Lower Upper
106 100
91 199.0 159.4 239.0





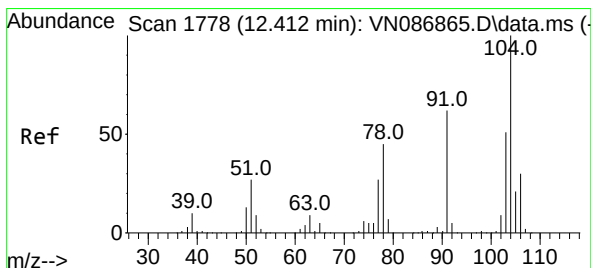
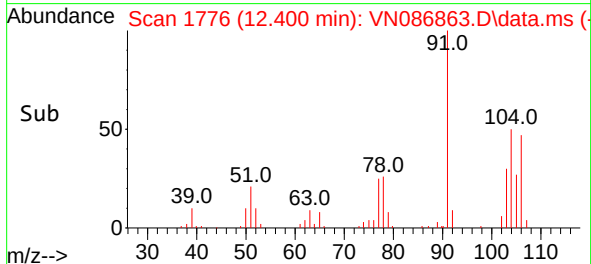
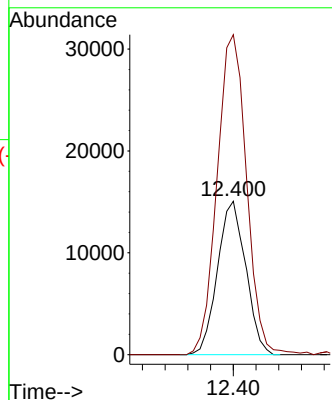
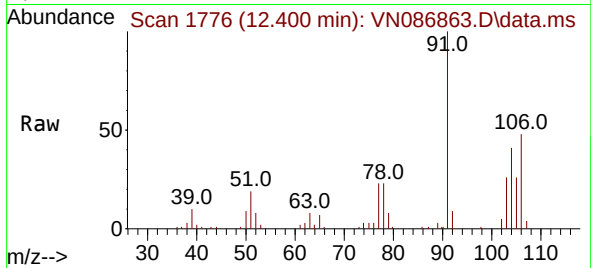
#69
o-Xylene
Concen: 5.021 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 26004
Ion Ratio Lower Upper
106 100
91 218.1 106.1 318.1

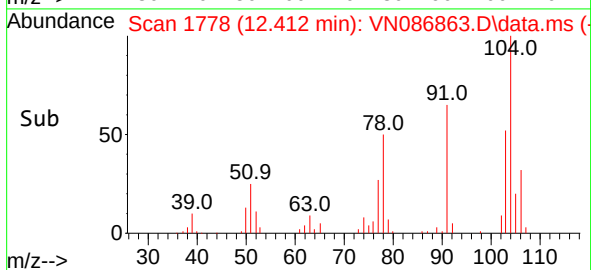
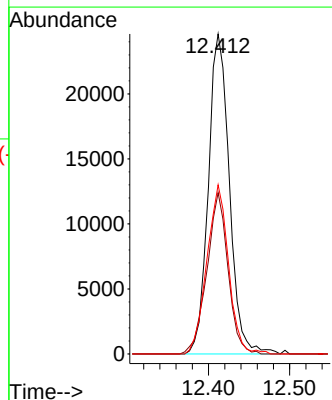
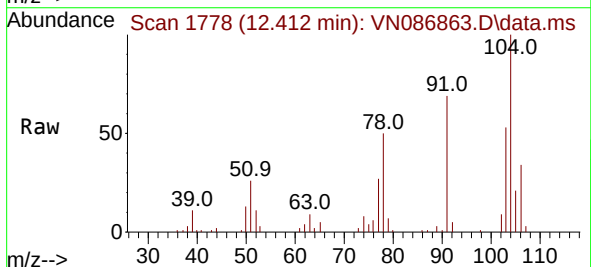
Manual Integrations
APPROVED

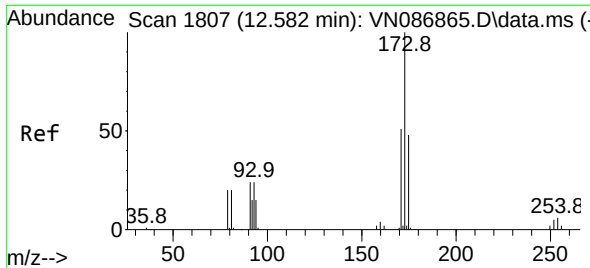
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#70
Styrene
Concen: 5.008 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

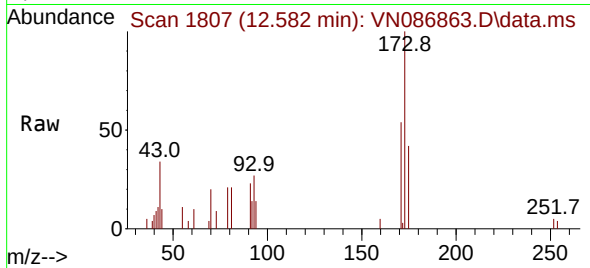
Tgt Ion:104 Resp: 44380
Ion Ratio Lower Upper
104 100
78 50.4 38.5 57.7
103 54.4 43.1 64.7





#71
Bromoform
Concen: 5.063 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

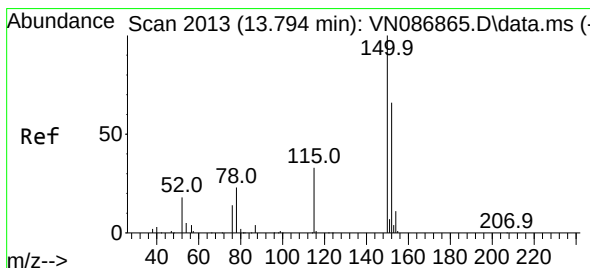
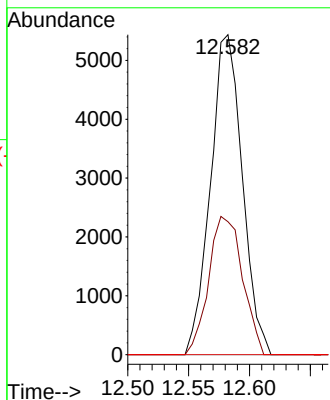
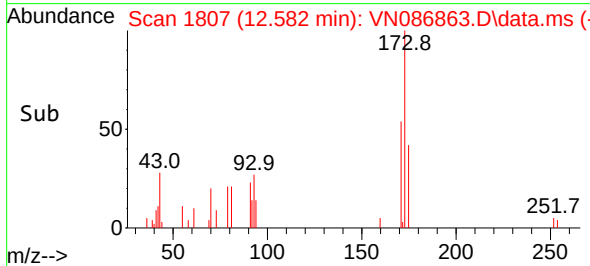
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



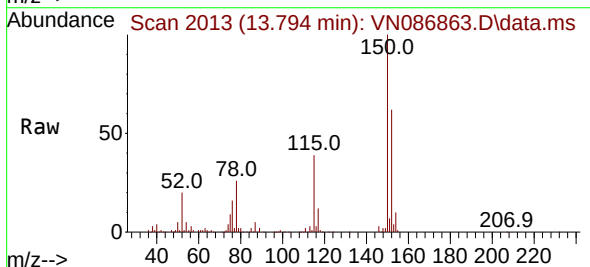
Tgt Ion:173 Resp: 9890
Ion Ratio Lower Upper
173 100
175 45.8 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

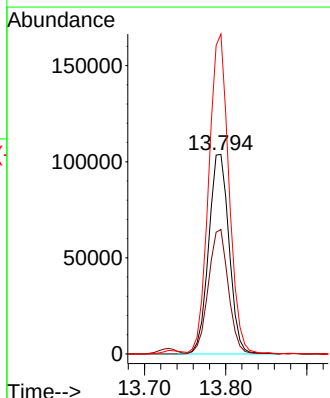
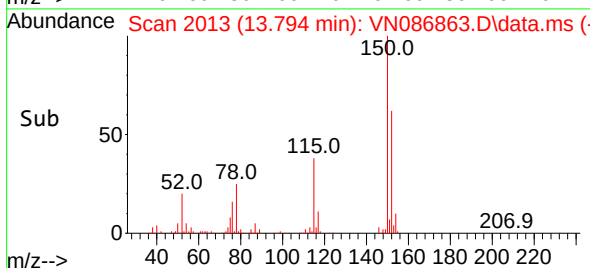
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

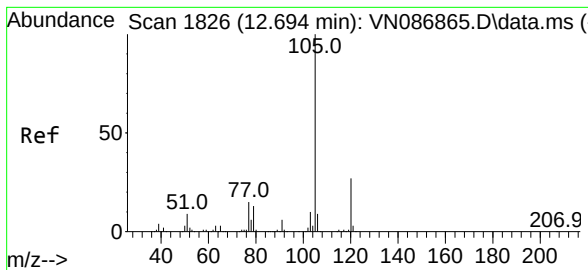


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17



Tgt Ion:152 Resp: 181065
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.5
150 157.8 0.0 345.0





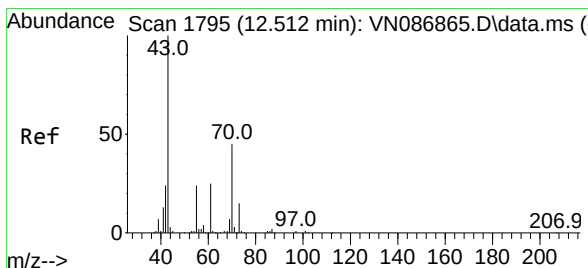
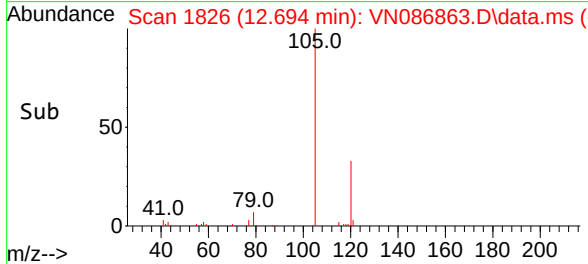
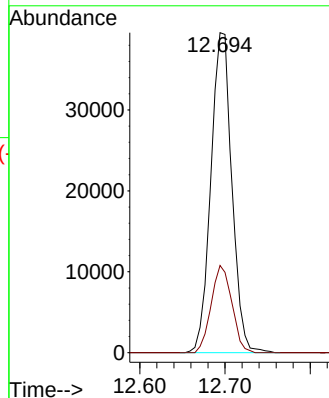
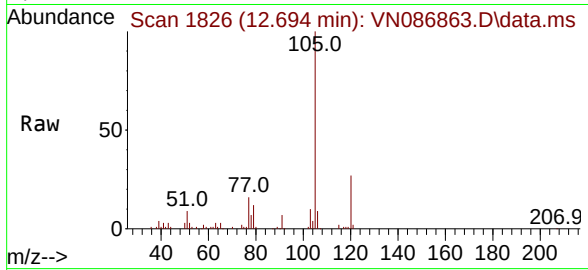
#73
Isopropylbenzene
Concen: 5.146 ug/l
RT: 12.694 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 67878
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

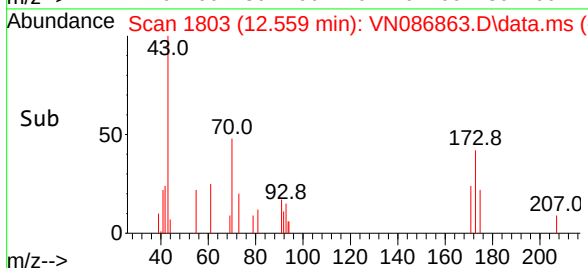
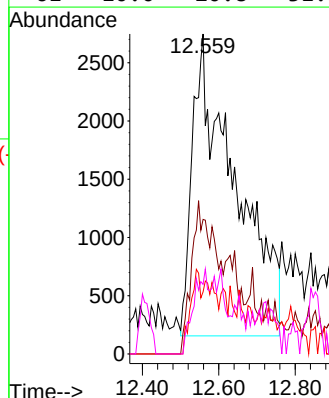
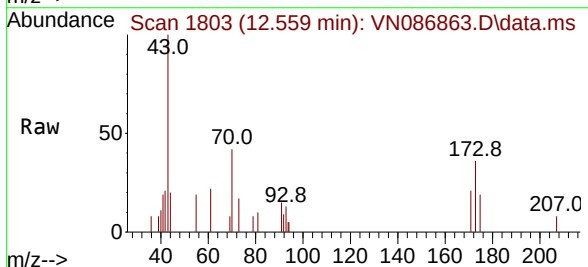
Manual Integrations
APPROVED

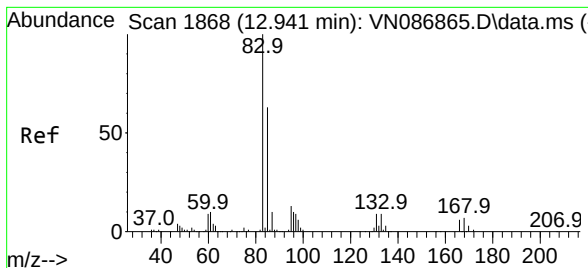
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#74
N-ethyl acetate
Concen: 4.590 ug/l m
RT: 12.559 min Scan# 1803
Delta R.T. 0.047 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

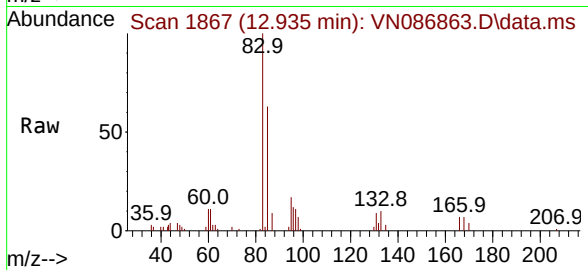
Tgt Ion: 43 Resp: 20096
Ion Ratio Lower Upper
43 100
70 0.0 37.6 56.4#
55 0.0 19.0 28.6#
61 10.0 20.8 31.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 5.262 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

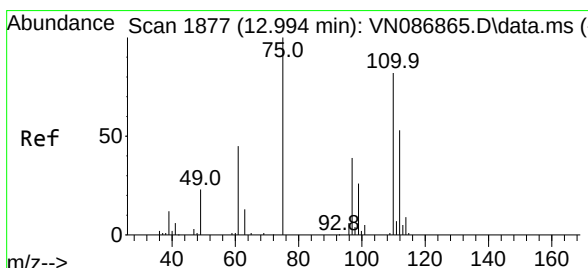
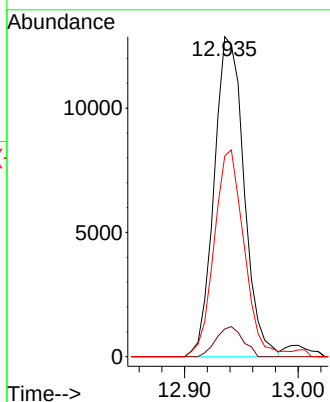
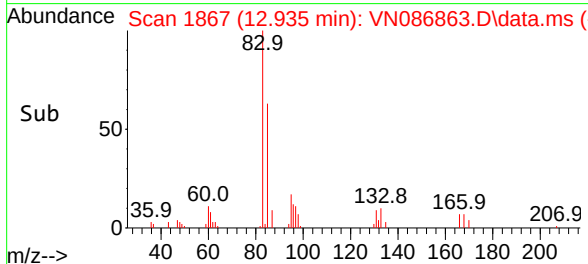
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 23510
Ion Ratio Lower Upper
83 100
131 8.4 4.9 14.7
85 65.1 32.0 96.0

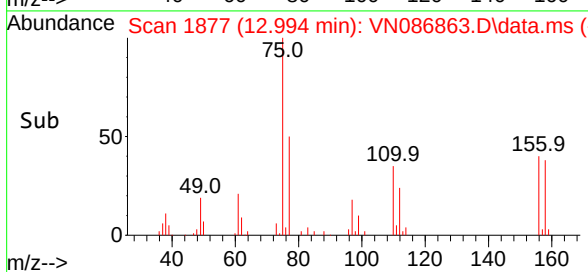
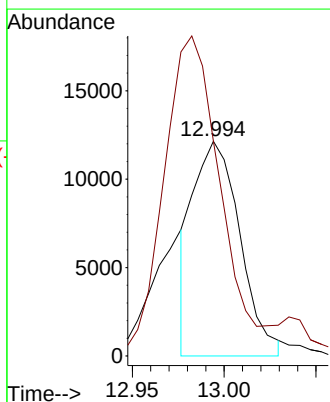
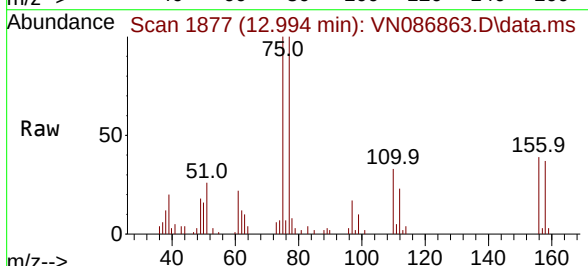
Manual Integrations
APPROVED

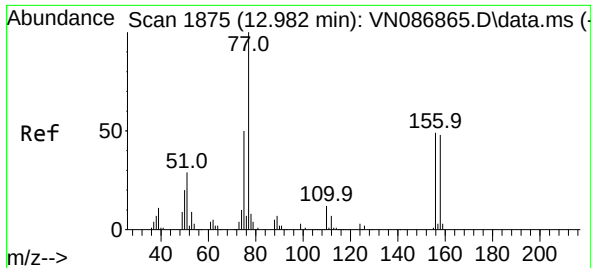
Reviewed By :John Carbone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#76
1,2,3-Trichloropropane
Concen: 4.986 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 75 Resp: 21527
Ion Ratio Lower Upper
75 100
77 179.7 79.3 237.9





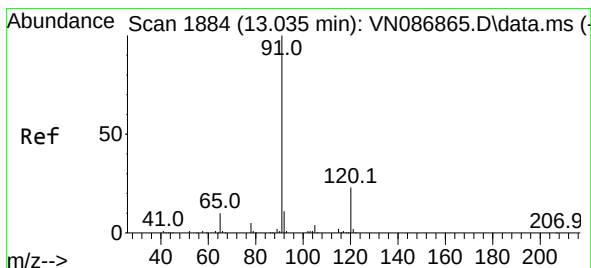
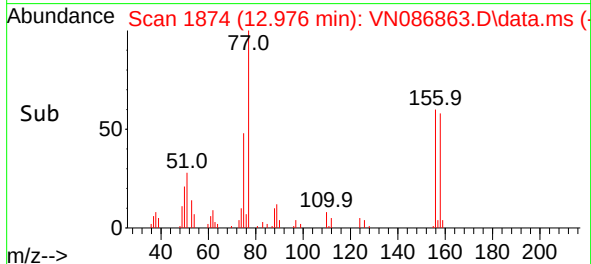
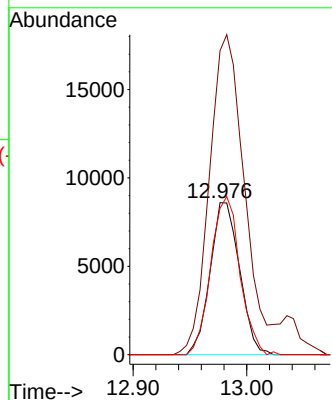
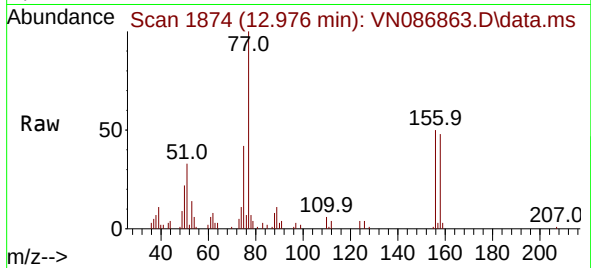
#77
Bromobenzene
Concen: 5.119 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 1548
Ion Ratio Lower Upper
156 100
77 249.9 117.7 353.1
158 102.9 48.1 144.4

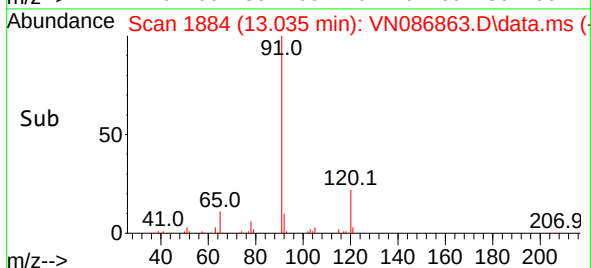
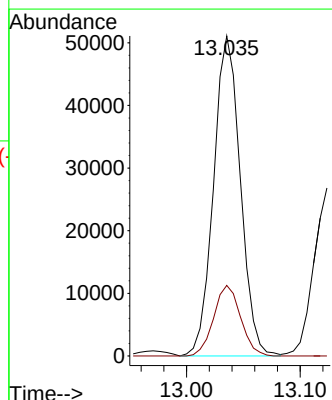
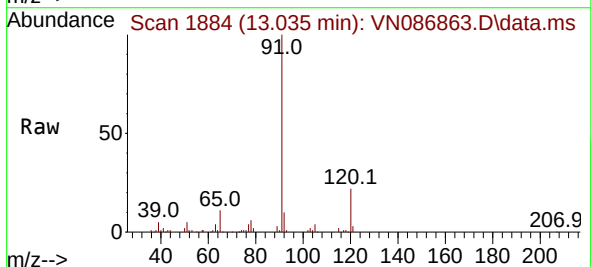
Manual Integrations
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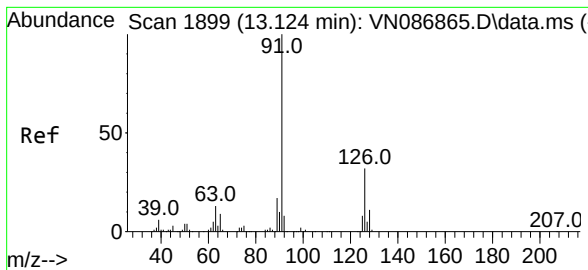
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#78
n-propylbenzene
Concen: 5.226 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 91 Resp: 83781
Ion Ratio Lower Upper
91 100
120 22.1 11.4 34.2





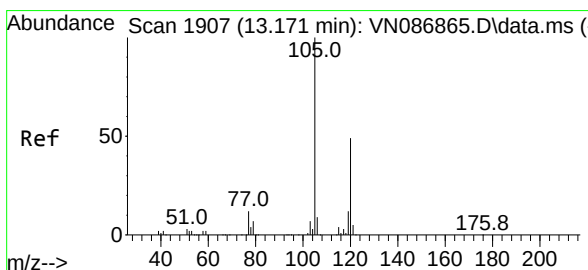
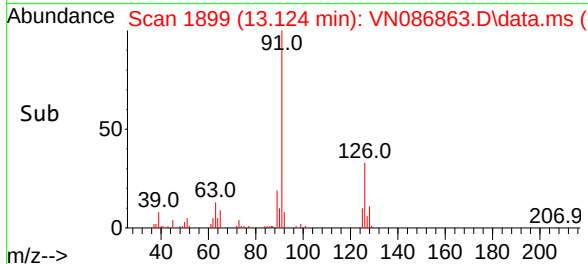
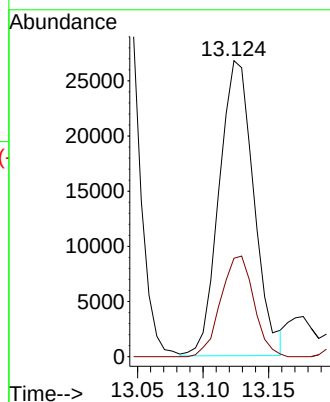
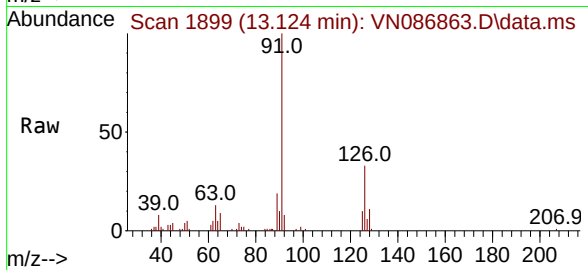
#79
2-Chlorotoluene
Concen: 5.128 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 4929
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.5

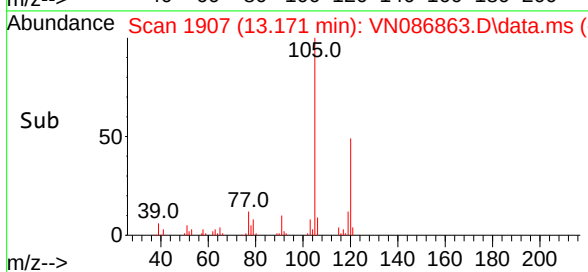
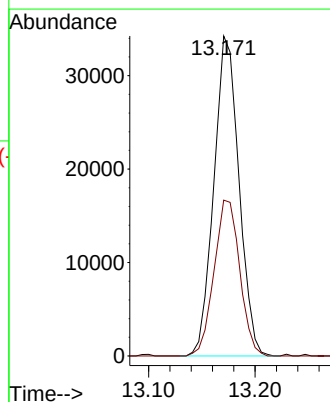
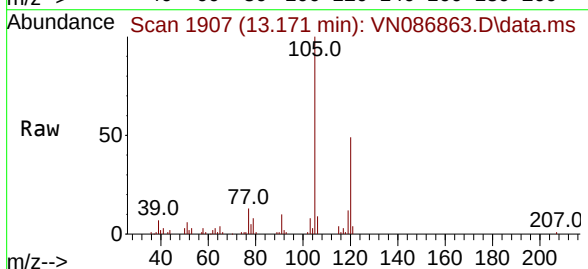
Manual Integrations
APPROVED

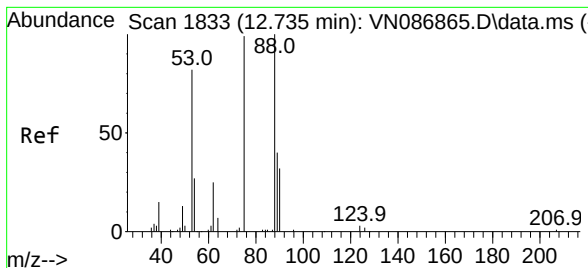
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.139 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

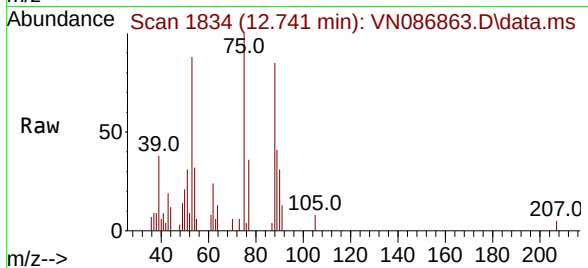
Tgt Ion:105 Resp: 55961
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 4.939 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

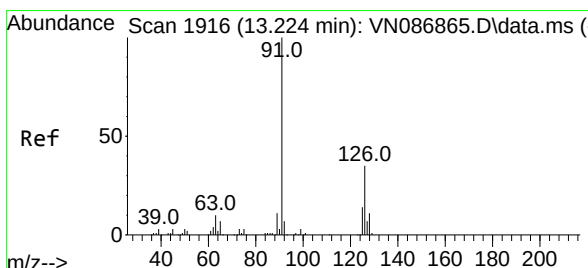
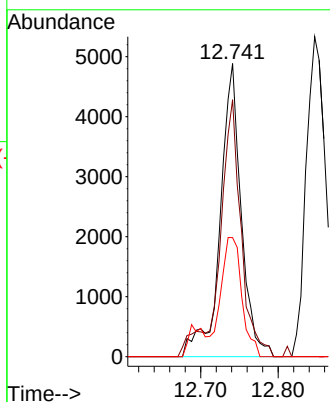
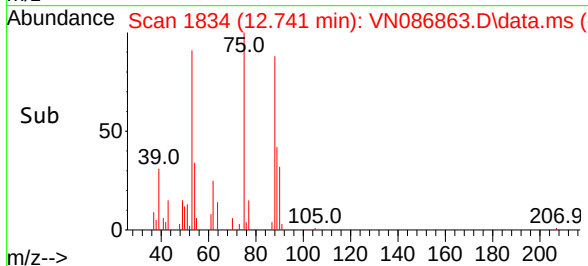
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 9234
Ion Ratio Lower Upper
75 100
53 88.6 66.6 99.8
89 41.4 36.7 55.1

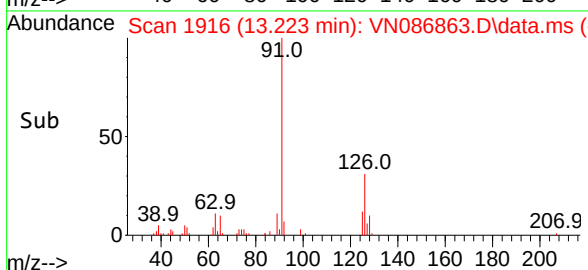
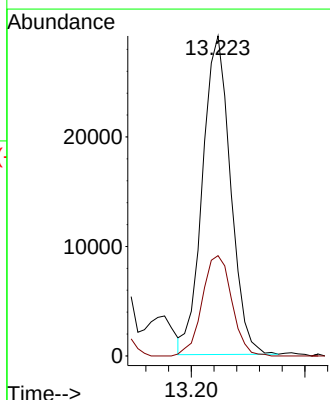
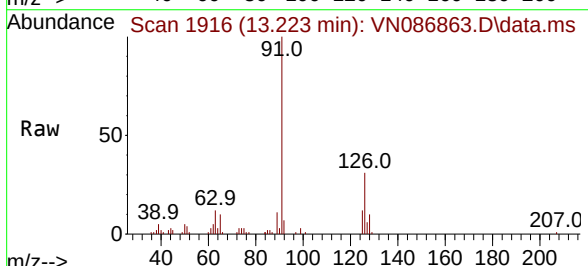
Manual Integrations
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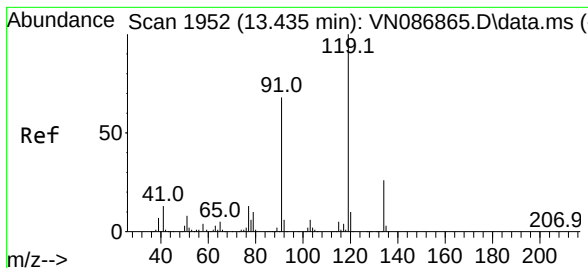
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#82
4-Chlorotoluene
Concen: 5.132 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

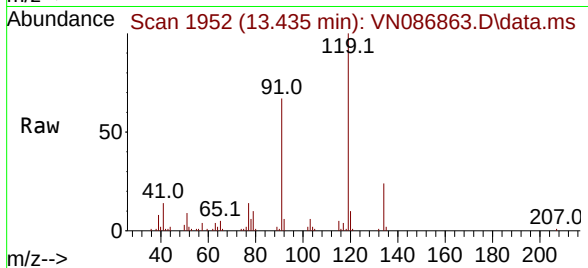
Tgt Ion: 91 Resp: 49924
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.1





#83
tert-Butylbenzene
Concen: 5.103 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

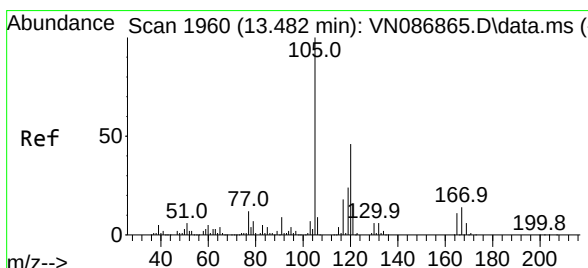
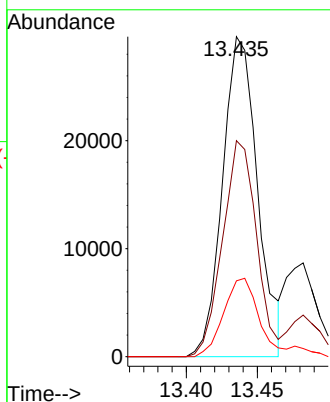
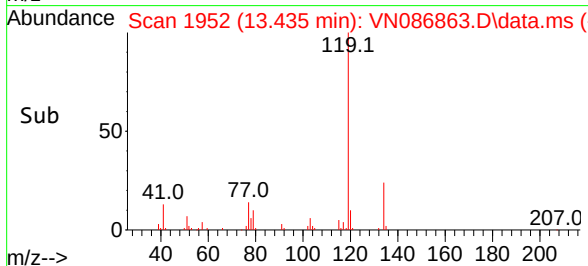
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



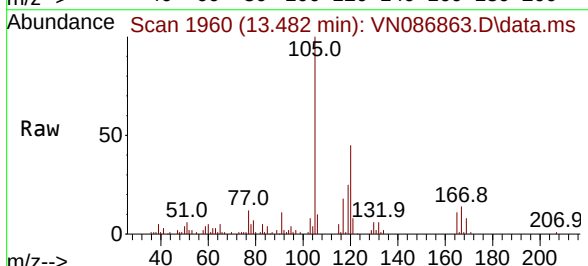
Tgt Ion:119 Resp: 50874
Ion Ratio Lower Upper
119 100
91 65.3 32.1 96.5
134 24.5 13.4 40.1

Manual Integrations
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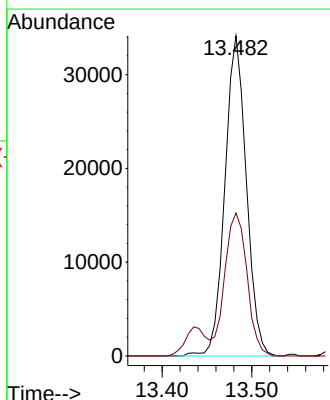
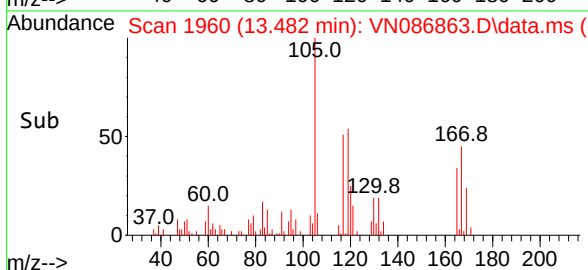
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

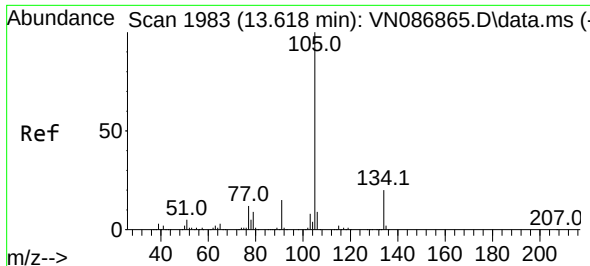


#84
1,2,4-Trimethylbenzene
Concen: 5.176 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17



Tgt Ion:105 Resp: 56525
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





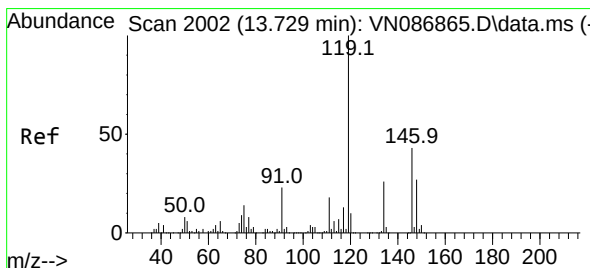
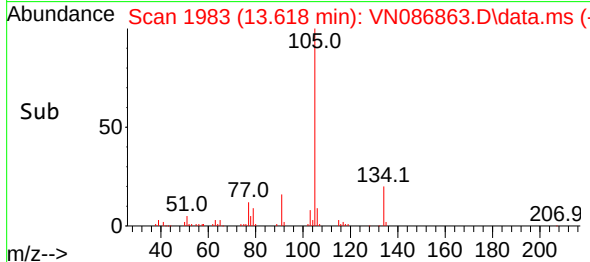
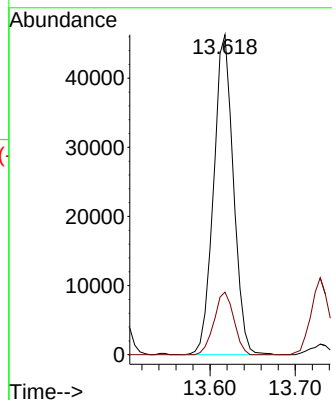
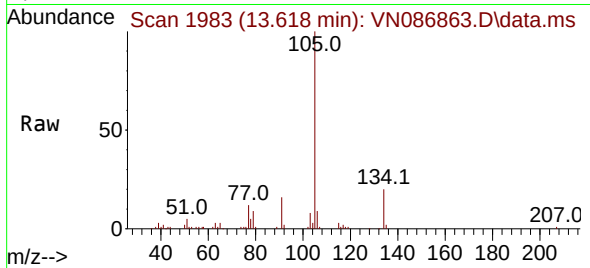
#85
 sec-Butylbenzene
 Concen: 5.161 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN086863.D
 Acq: 06 Jun 2025 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 7471
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 30.0

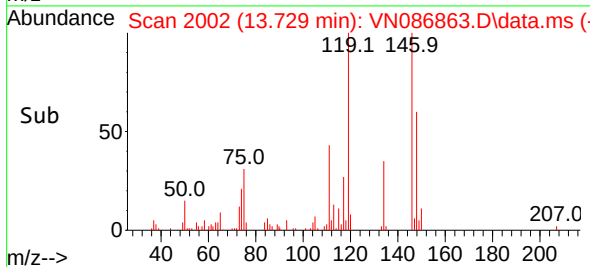
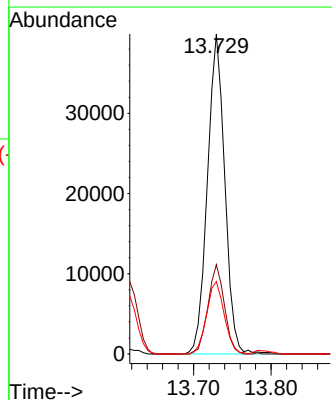
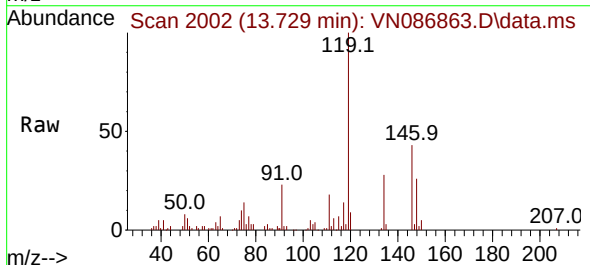
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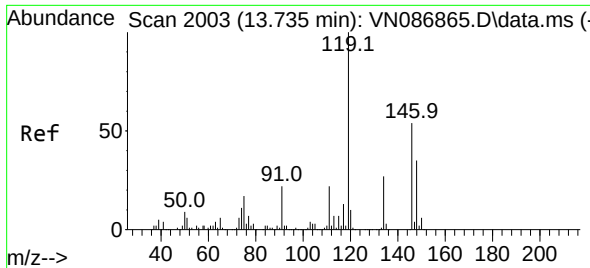
Reviewed By :John Carlone 06/09/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#86
 p-Isopropyltoluene
 Concen: 5.182 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086863.D
 Acq: 06 Jun 2025 13:17

Tgt Ion:119 Resp: 62016
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 22.9 11.5 34.4





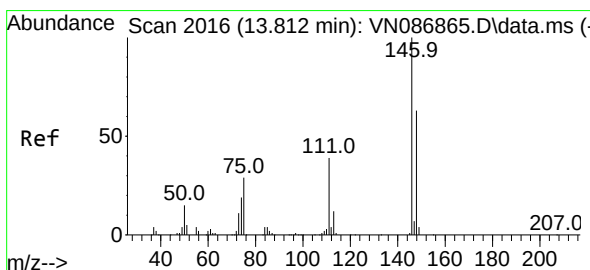
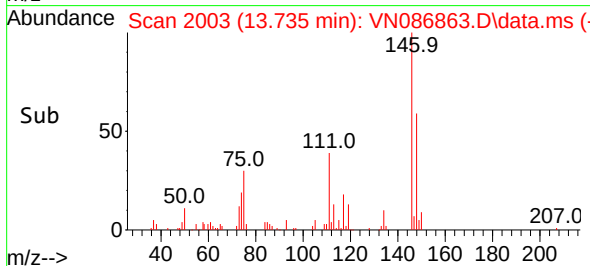
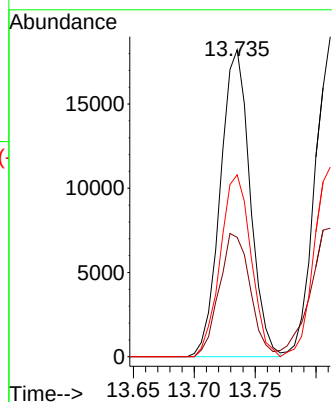
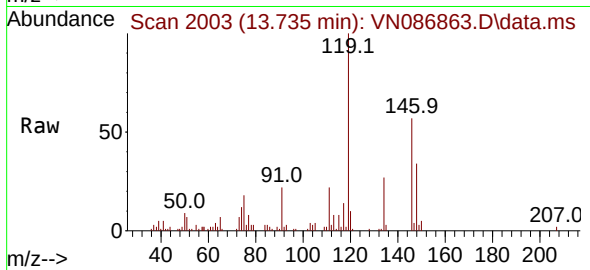
#87
1,3-Dichlorobenzene
Concen: 5.200 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 30949
Ion Ratio Lower Upper
146 100
111 41.6 20.9 62.8
148 61.1 32.0 96.2

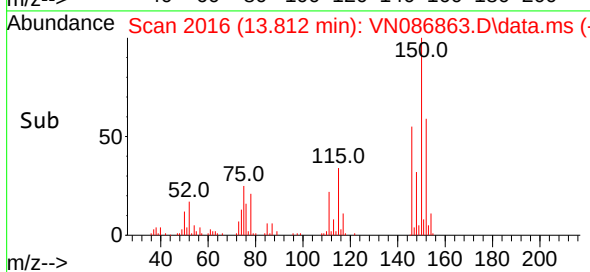
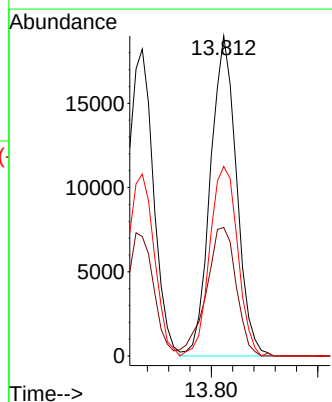
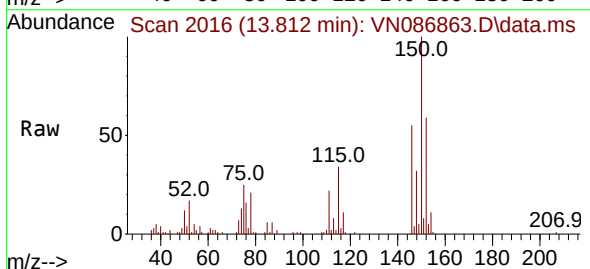
Manual Integrations
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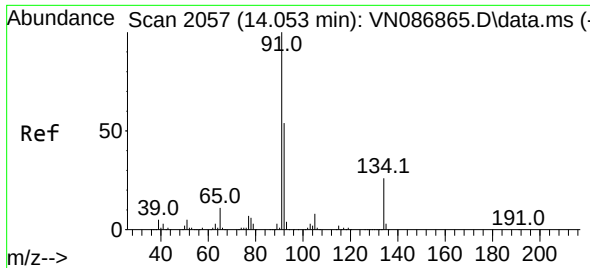
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#88
1,4-Dichlorobenzene
Concen: 5.330 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:146 Resp: 32342
Ion Ratio Lower Upper
146 100
111 46.1 19.9 59.7
148 63.3 31.8 95.4





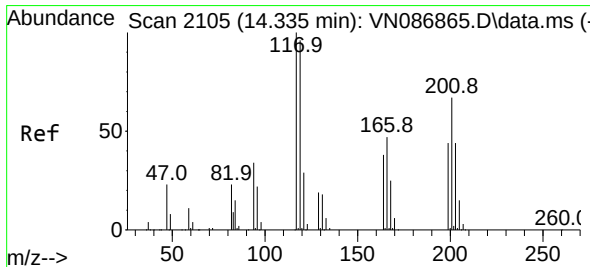
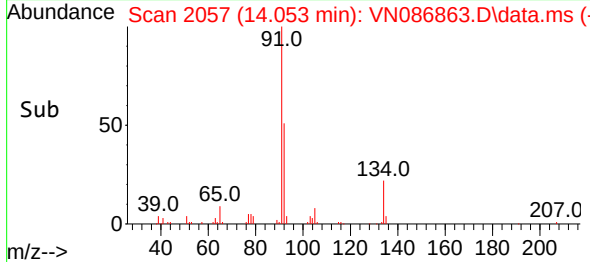
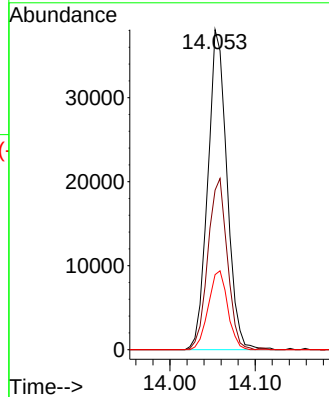
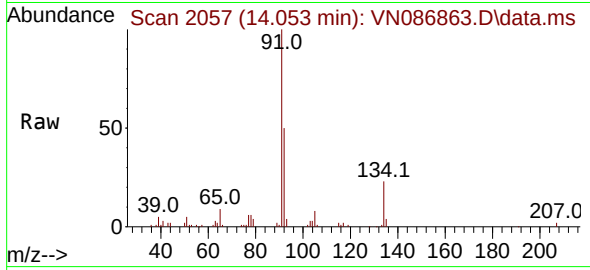
#89
n-Butylbenzene
Concen: 5.142 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 5960
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.4
134 24.9 13.0 39.0

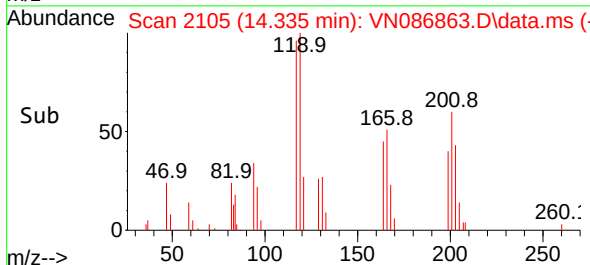
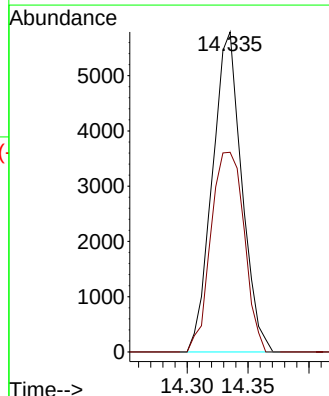
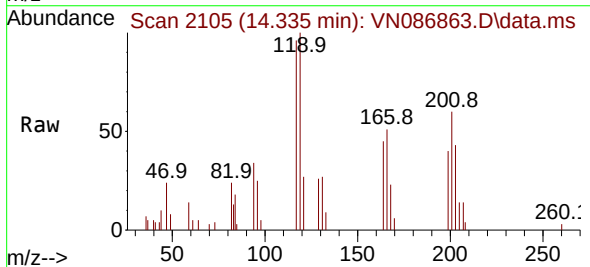
Manual Integrations
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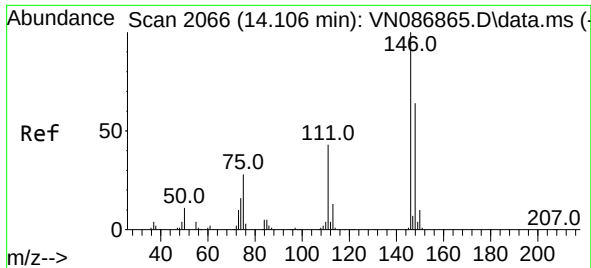
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#90
Hexachloroethane
Concen: 4.794 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:117 Resp: 9725
Ion Ratio Lower Upper
117 100
201 70.6 33.2 99.6





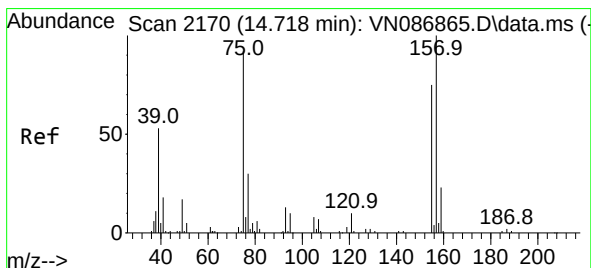
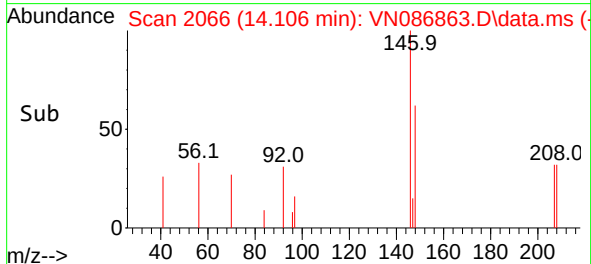
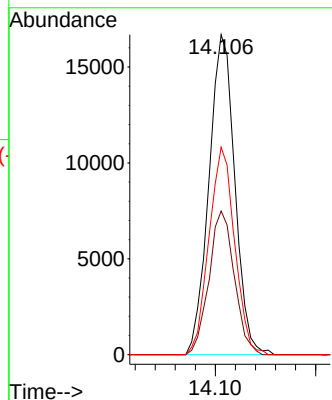
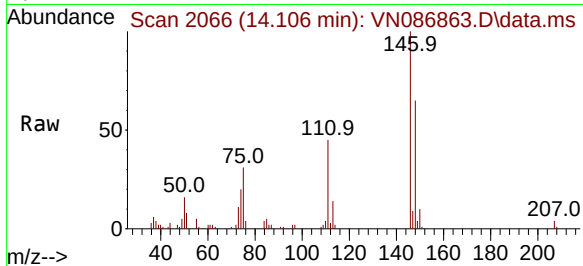
#91
1,2-Dichlorobenzene
Concen: 5.228 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 2989
Ion Ratio Lower Upper
146 100
111 44.0 21.6 64.6
148 64.3 31.7 95.1

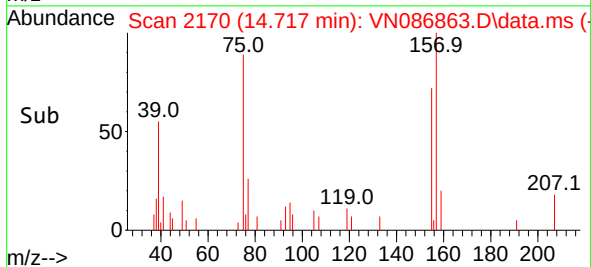
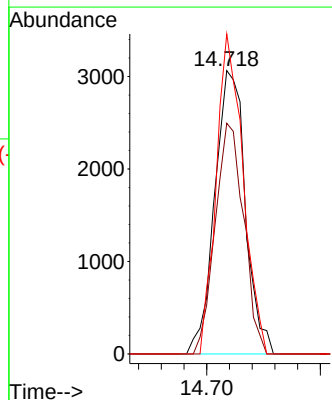
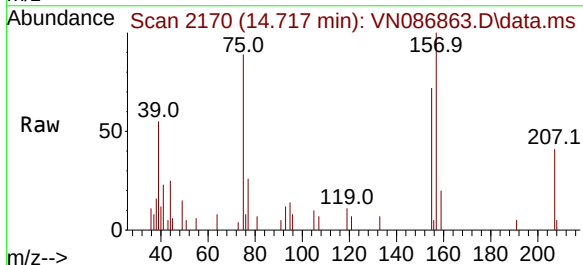
Manual Integrations
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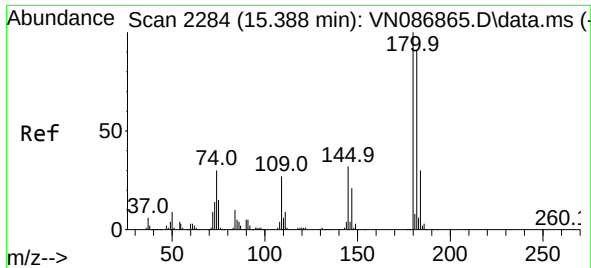
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.363 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

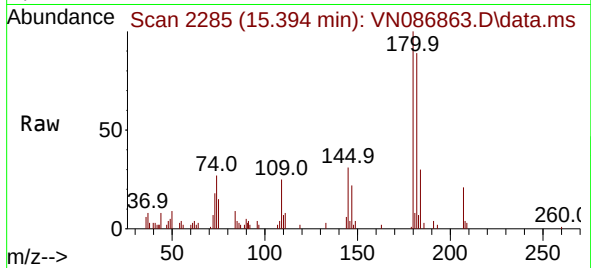
Tgt Ion: 75 Resp: 5731
Ion Ratio Lower Upper
75 100
155 76.0 41.1 123.4
157 98.8 52.7 158.1





#93
1,2,4-Trichlorobenzene
Concen: 5.143 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

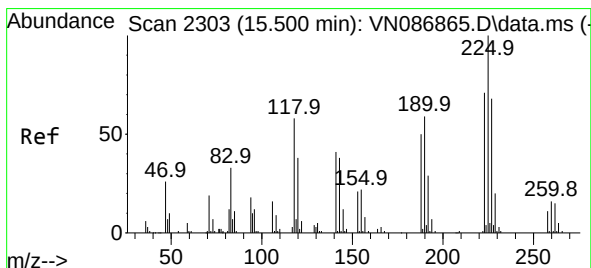
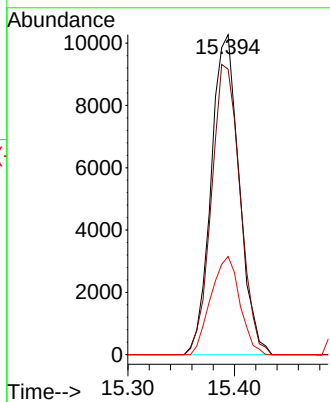
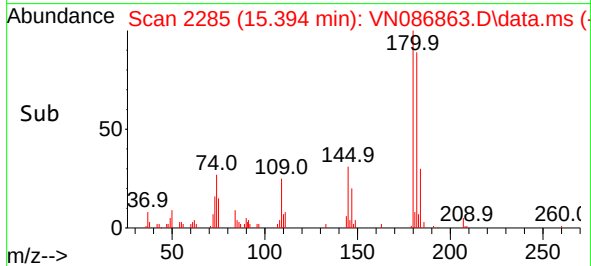
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



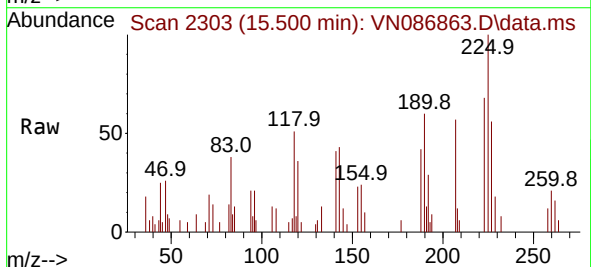
Tgt Ion:180 Resp: 18778
Ion Ratio Lower Upper
180 100
182 92.6 46.9 140.7
145 31.7 16.0 47.9

Manual Integrations
APPROVED

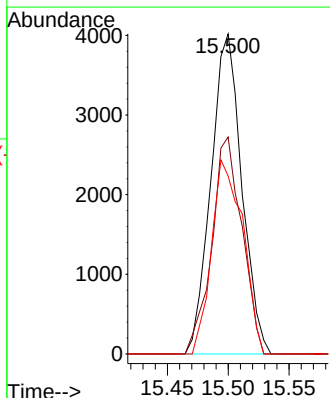
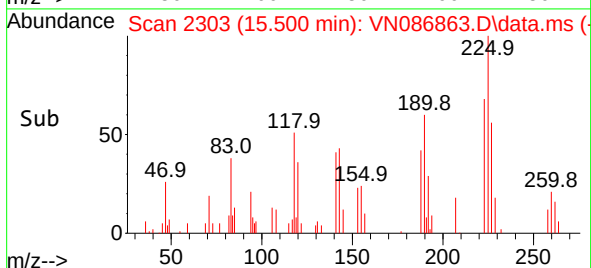
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

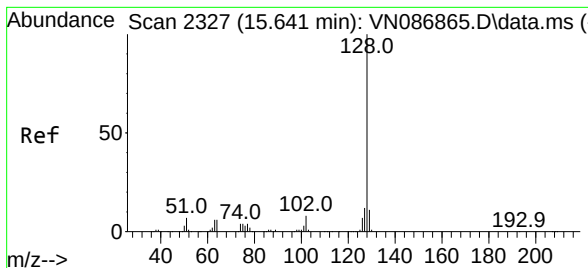


#94
Hexachlorobutadiene
Concen: 5.199 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17



Tgt Ion:225 Resp: 7072
Ion Ratio Lower Upper
225 100
223 66.4 33.5 100.4
227 61.7 31.1 93.5





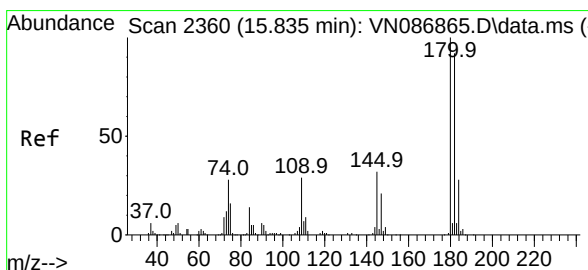
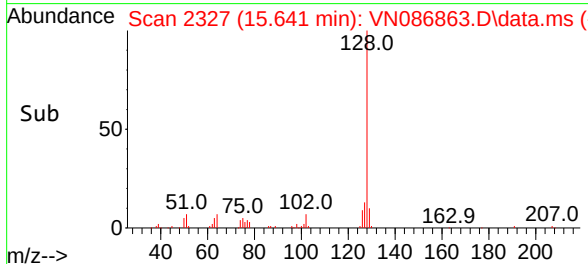
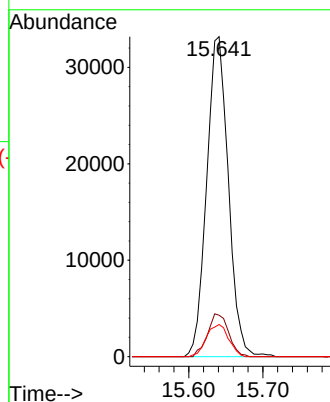
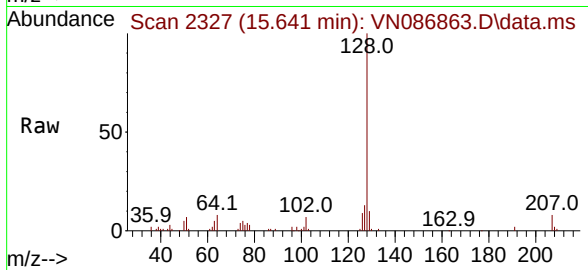
#95
Naphthalene
Concen: 4.965 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 6748
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.3 8.8 13.2

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#96
1,2,3-Trichlorobenzene
Concen: 5.034 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:180 Resp: 18262
Ion Ratio Lower Upper
180 100
182 90.9 47.0 141.0
145 35.3 16.6 49.8

