

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086865.D
 Acq On : 06 Jun 2025 14:03
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 01:57:17 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	8.236	168	207354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	378587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	332766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	103736	37.366	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	74.740%		
35) Dibromofluoromethane	8.171	113	83058	37.020	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	74.040%#		
50) Toluene-d8	10.571	98	326105	36.716	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	73.440%#		
62) 4-Bromofluorobenzene	12.847	95	122965	37.264	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	74.520%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	103958	50.283	ug/l	100
3) Chloromethane	2.395	50	123866	46.397	ug/l	100
4) Vinyl Chloride	2.554	62	132783	48.215	ug/l	100
5) Bromomethane	2.995	94	73974	47.999	ug/l	100
6) Chloroethane	3.154	64	84505	47.504	ug/l	100
7) Trichlorofluoromethane	3.524	101	172860	48.041	ug/l	100
8) Diethyl Ether	3.983	74	75193	47.963	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.395	101	107695	47.640	ug/l	100
10) Methyl Iodide	4.606	142	141678	48.346	ug/l	100
11) Tert butyl alcohol	5.548	59	182315	242.020	ug/l	100
12) 1,1-Dichloroethene	4.359	96	110549	47.900	ug/l	100
13) Acrolein	4.201	56	47026	197.217	ug/l	100
14) Allyl chloride	5.042	41	179313	46.848	ug/l	100
15) Acrylonitrile	5.742	53	421941	239.638	ug/l	100
16) Acetone	4.448	43	333857	226.765	ug/l	100
17) Carbon Disulfide	4.730	76	295753	46.328	ug/l	100
18) Methyl Acetate	5.042	43	204538	47.673	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	400775	47.960	ug/l	100
20) Methylene Chloride	5.295	84	125498	45.531	ug/l	100
21) trans-1,2-Dichloroethene	5.806	96	117660	45.822	ug/l	100
22) Diisopropyl ether	6.689	45	384939	47.711	ug/l	100
23) Vinyl Acetate	6.618	43	1649023	241.910	ug/l	100
24) 1,1-Dichloroethane	6.583	63	220477	47.485	ug/l	100
25) 2-Butanone	7.494	43	571221	238.693	ug/l	100
26) 2,2-Dichloropropane	7.500	77	187567	51.933	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	144911	47.189	ug/l	100
28) Bromochloromethane	7.824	49	96707	42.362	ug/l	100
29) Tetrahydrofuran	7.853	42	371357	238.210	ug/l	100
30) Chloroform	7.977	83	220093	47.467	ug/l	100
31) Cyclohexane	8.271	56	208105	46.217	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	185502	47.037	ug/l	100
36) 1,1-Dichloropropene	8.377	75	158341	47.362	ug/l	100
37) Ethyl Acetate	7.577	43	203091	47.720	ug/l	100
38) Carbon Tetrachloride	8.371	117	154677	47.126	ug/l	100
39) Methylcyclohexane	9.606	83	215849	47.126	ug/l	100
40) Benzene	8.612	78	509334	46.590	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	114727	48.000	ug/l	100
42) 1,2-Dichloroethane	8.677	62	155713	46.960	ug/l	100
43) Isopropyl Acetate	8.694	43	322741	47.248	ug/l	100
44) Trichloroethene	9.359	130	123847	47.776	ug/l	100
45) 1,2-Dichloropropane	9.630	63	125673	47.251	ug/l	100
46) Dibromomethane	9.718	93	83811	47.442	ug/l	100
47) Bromodichloromethane	9.894	83	173200	47.651	ug/l	100
48) Methyl methacrylate	9.683	41	149019	47.399	ug/l	100
49) 1,4-Dioxane	9.700	88	59060	1032.607	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	1017688	247.484	ug/l	100
52) Toluene	10.635	92	316219	47.331	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	197475	48.587	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	208523	47.950	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	121969	47.445	ug/l	100
56) Ethyl methacrylate	10.882	69	210467	51.401	ug/l	100
57) 1,3-Dichloropropane	11.165	76	212243	47.593	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	519139	212.570	ug/l	100
59) 2-Hexanone	11.200	43	696567	262.977	ug/l	100
60) Dibromochloromethane	11.359	129	128715	48.056	ug/l	100
61) 1,2-Dibromoethane	11.471	107	124522	47.258	ug/l	100
64) Tetrachloroethene	11.106	164	97679	46.382	ug/l	100
65) Chlorobenzene	11.894	112	340439	46.386	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	112333	47.615	ug/l	100
67) Ethyl Benzene	11.965	91	597593	47.271	ug/l	100
68) m/p-Xylenes	12.071	106	466620	96.424	ug/l	100
69) o-Xylene	12.400	106	224299	48.395	ug/l	100
70) Styrene	12.412	104	386596	48.745	ug/l	100
71) Bromoform	12.582	173	88127	50.415	ug/l #	100
73) Isopropylbenzene	12.694	105	573905	47.023	ug/l	100
74) N-amyl acetate	12.512	43	212064	52.353	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	197360	47.732	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	196473m	49.183	ug/l	
77) Bromobenzene	12.982	156	132381	47.296	ug/l	100
78) n-propylbenzene	13.035	91	705524	47.567	ug/l	100
79) 2-Chlorotoluene	13.124	91	419986	47.216	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	485499	48.181	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	79732	46.089	ug/l	100
82) 4-Chlorotoluene	13.224	91	424066	47.117	ug/l	100
83) tert-Butylbenzene	13.435	119	438417	47.531	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	488189	48.314	ug/l	100
85) sec-Butylbenzene	13.618	105	641523	47.893	ug/l	100
86) p-Isopropyltoluene	13.729	119	533366	48.169	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	260310	47.269	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	263358	46.907	ug/l	100
89) n-Butylbenzene	14.053	91	512519	47.787	ug/l	100
90) Hexachloroethane	14.335	117	89896	47.896	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	251235	47.486	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	45535	46.049	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	162374	48.061	ug/l	100
94) Hexachlorobutadiene	15.500	225	60866	48.356	ug/l	100
95) Naphthalene	15.641	128	603088	47.958	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	159113	47.402	ug/l	100

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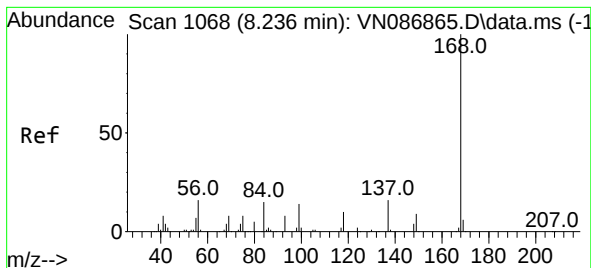
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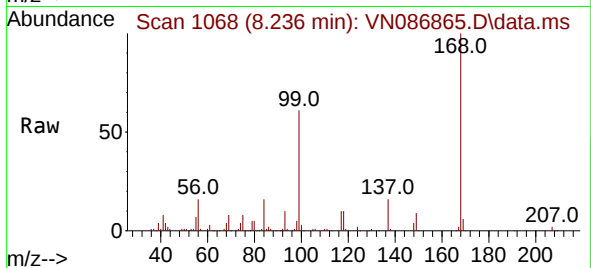
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
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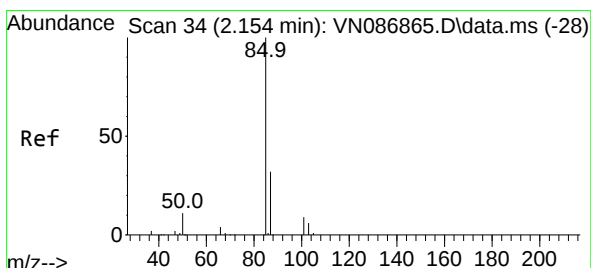
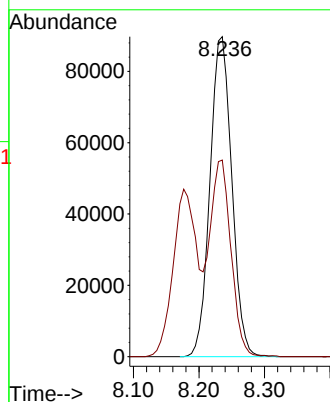
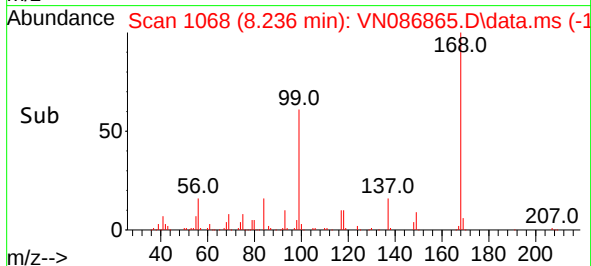
Instrument :
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ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 207354
Ion Ratio Lower Upper
168 100
99 61.4 49.1 73.7

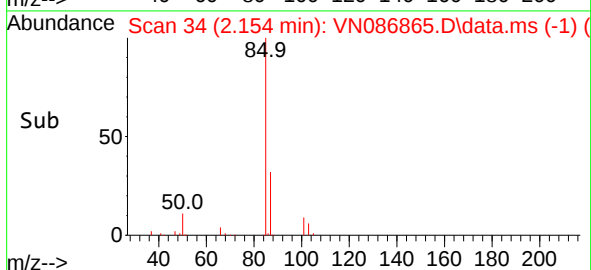
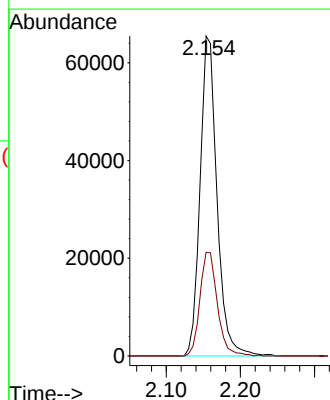
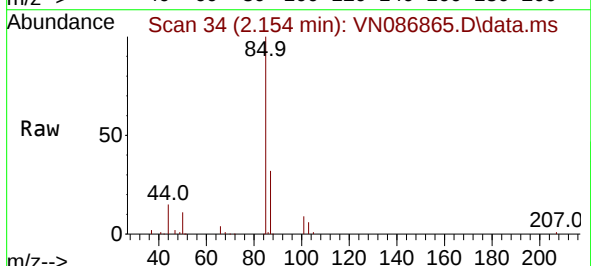
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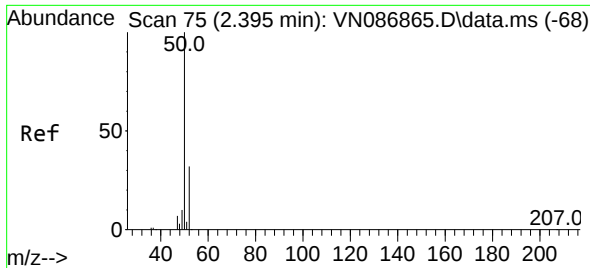
Reviewed By :John Carlone 06/09/2025
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#2
Dichlorodifluoromethane
Concen: 50.283 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

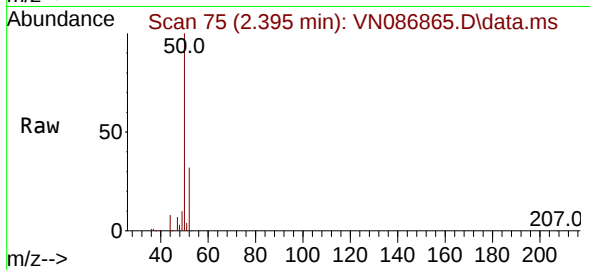
Tgt Ion: 85 Resp: 103958
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





#3
Chloromethane
Concen: 46.397 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

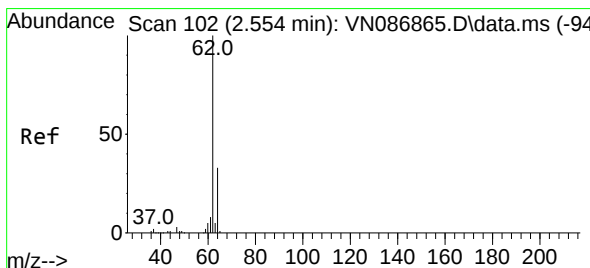
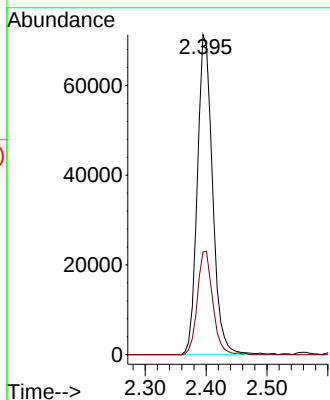
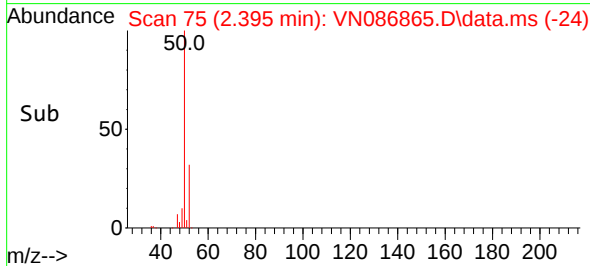
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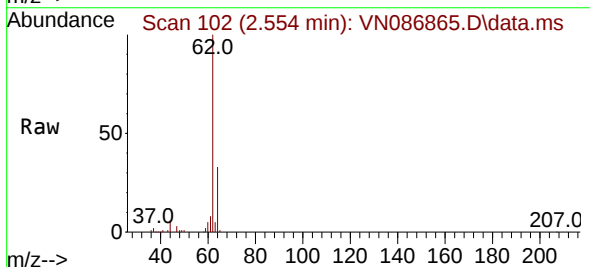
Tgt Ion: 50 Resp: 123860
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5

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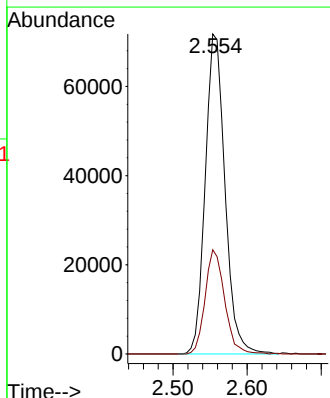
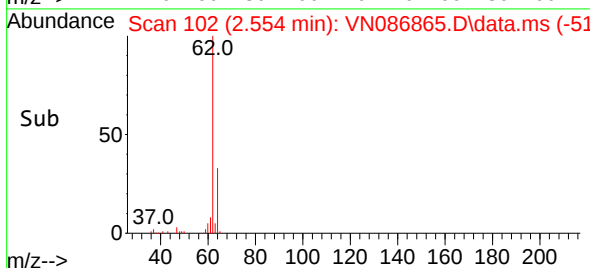
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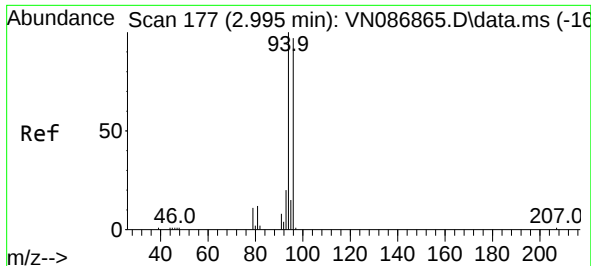


#4
Vinyl Chloride
Concen: 48.215 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03



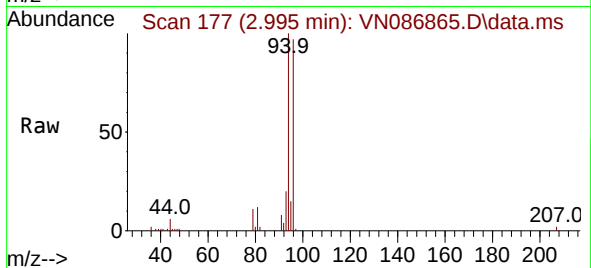
Tgt Ion: 62 Resp: 132783
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0





#5
Bromomethane
Concen: 47.999 ug/l
RT: 2.995 min Scan# 177
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

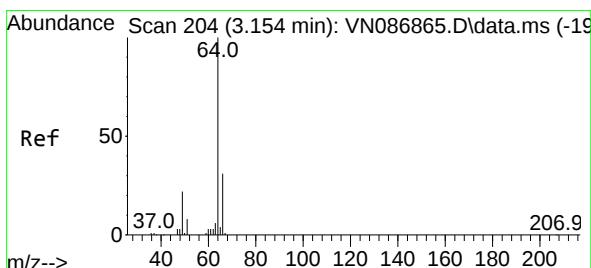
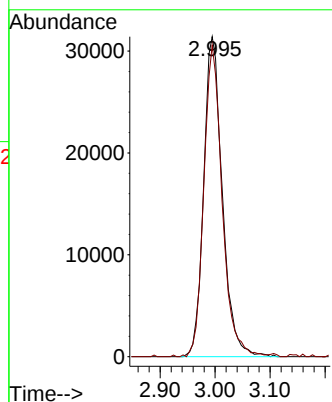
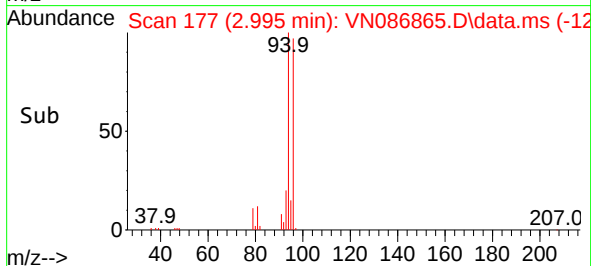
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Tgt Ion: 94 Resp: 73974
Ion Ratio Lower Upper
94 100
96 97.4 77.9 116.9

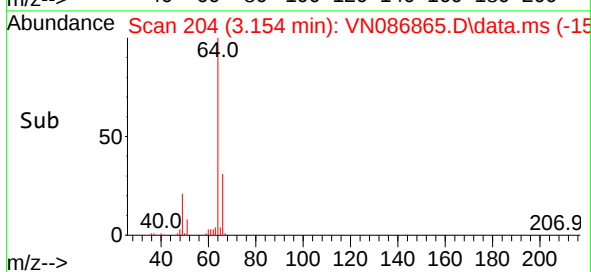
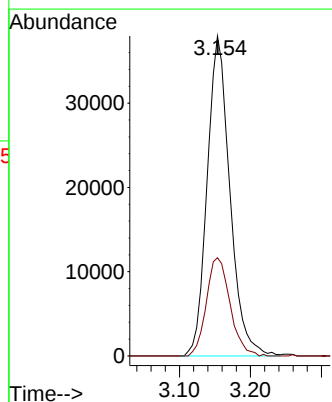
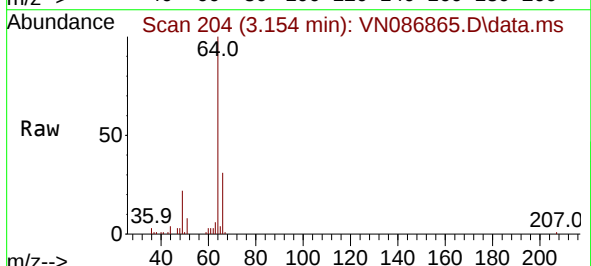
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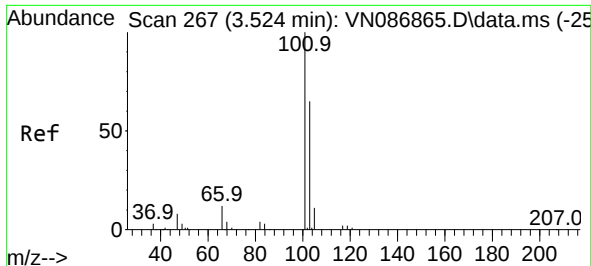
Reviewed By :John Carlone 06/09/2025
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#6
Chloroethane
Concen: 47.504 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
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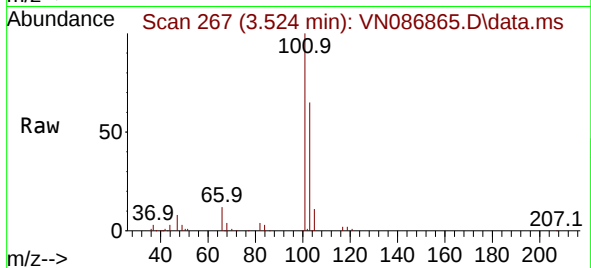
Tgt Ion: 64 Resp: 84505
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 48.041 ug/l
 RT: 3.524 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN086865.D
 Acq: 06 Jun 2025 14:03

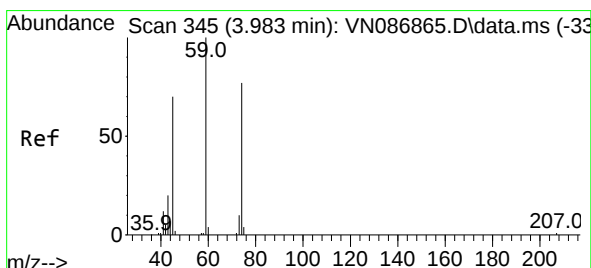
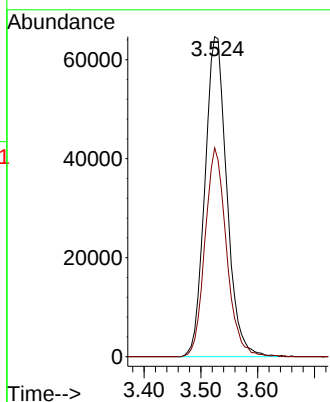
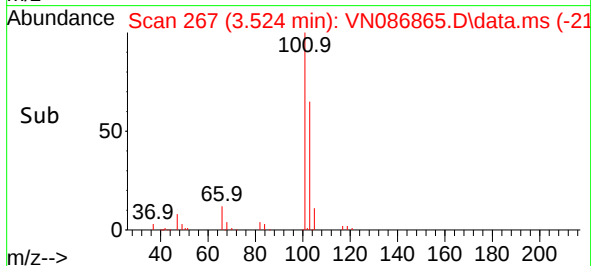
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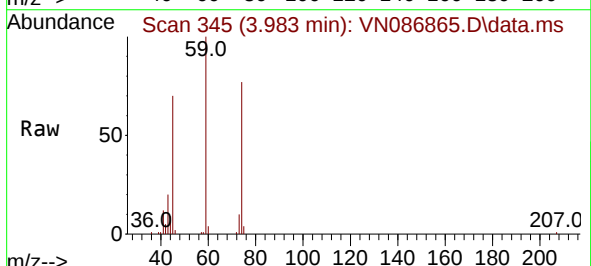
Tgt Ion:101 Resp: 172860
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2

Manual Integrations
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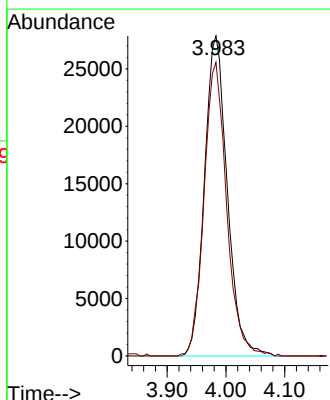
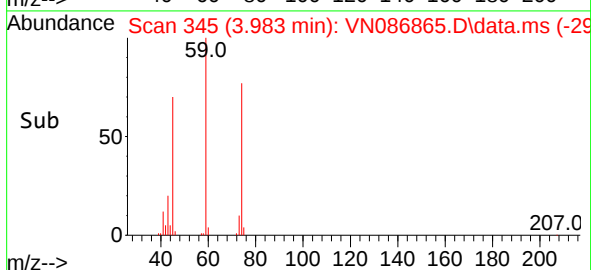
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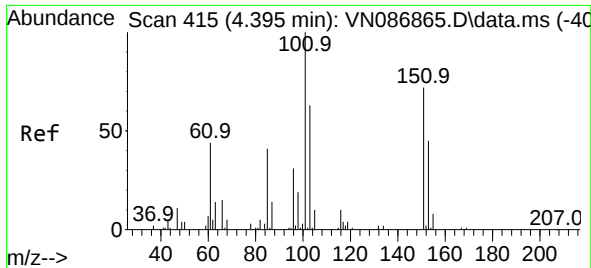


#8
 Diethyl Ether
 Concen: 47.963 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 75193
 Ion Ratio Lower Upper
 74 100
 45 91.0 45.5 136.5





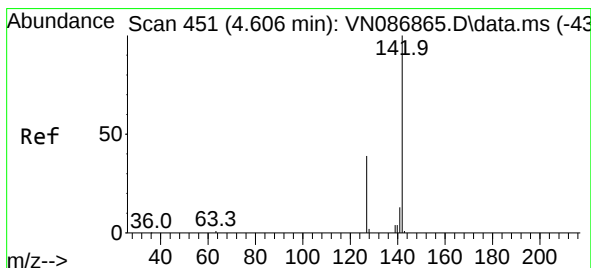
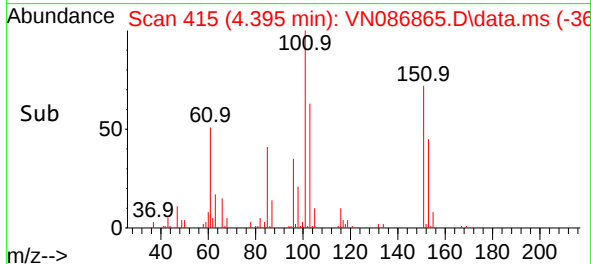
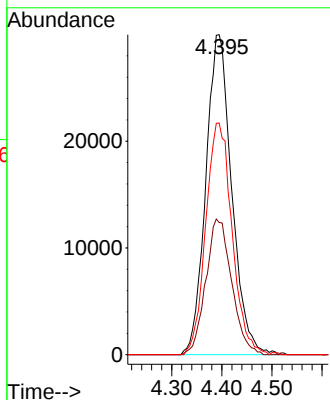
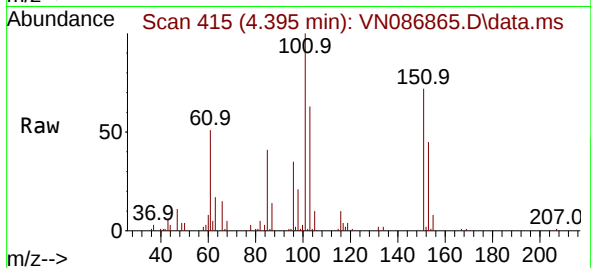
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.640 ug/l
RT: 4.395 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 10769
Ion Ratio Lower Upper
101 100
85 42.3 33.8 50.8
151 73.4 58.7 88.1

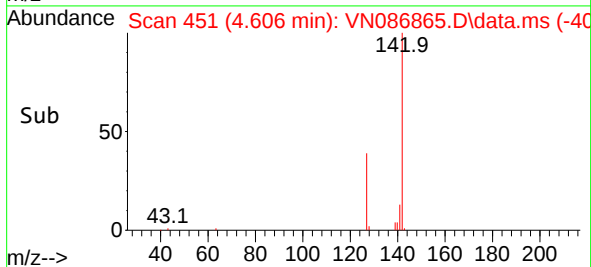
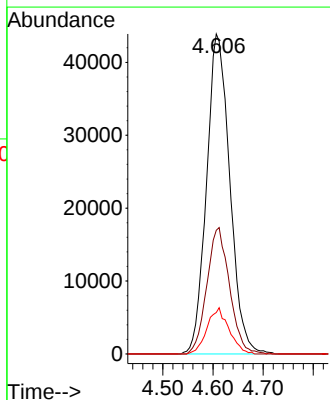
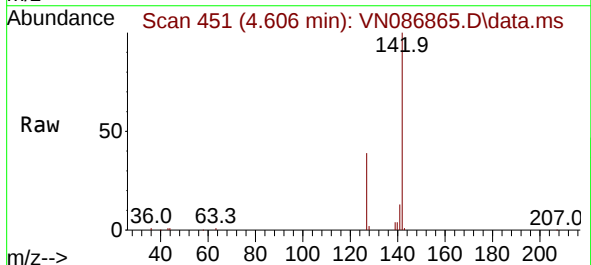
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 48.346 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

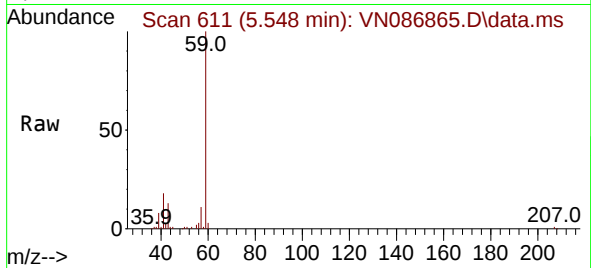
Tgt Ion:142 Resp: 141678
Ion Ratio Lower Upper
142 100
127 38.6 30.9 46.3
141 13.0 10.4 15.6





#11
Tert butyl alcohol
Concen: 242.020 ug/l
RT: 5.548 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

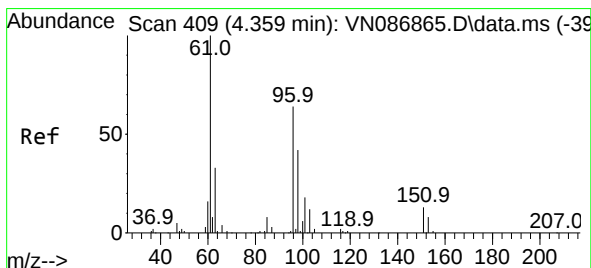
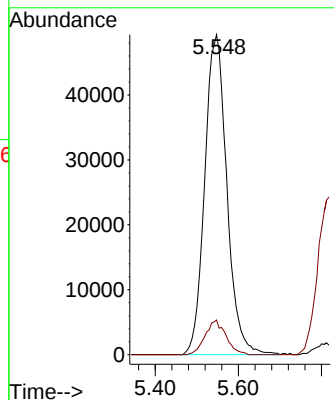
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 182315
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

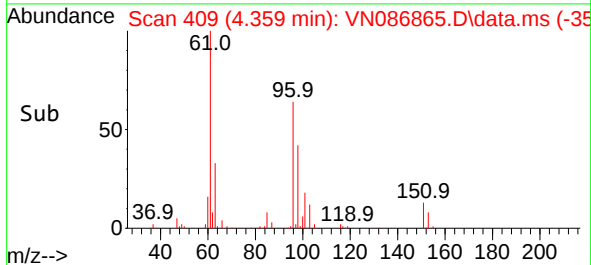
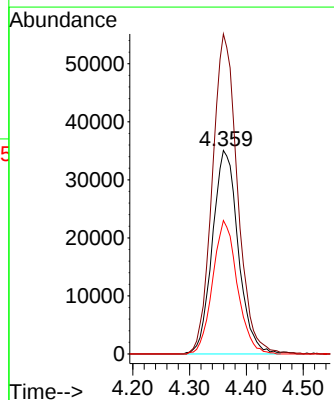
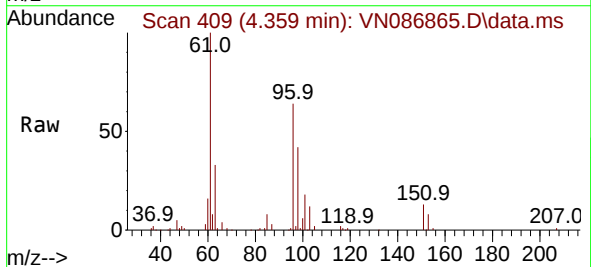
Manual Integrations
APPROVED

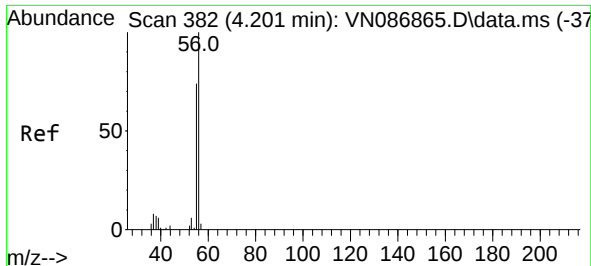
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#12
1,1-Dichloroethene
Concen: 47.900 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

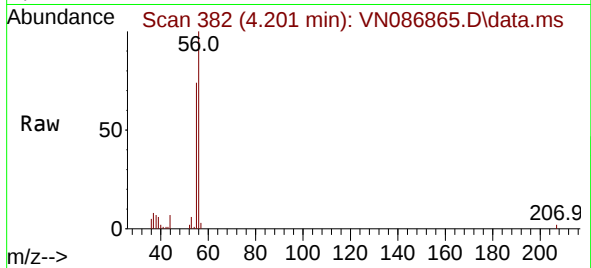
Tgt Ion: 96 Resp: 110549
Ion Ratio Lower Upper
96 100
61 157.2 125.8 188.6
98 65.6 52.5 78.7





#13
Acrolein
Concen: 197.217 ug/l
RT: 4.201 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

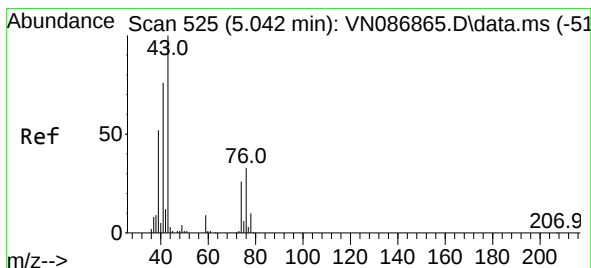
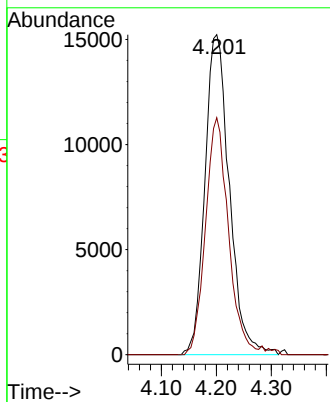
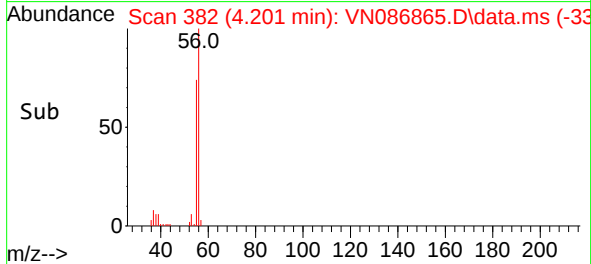
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



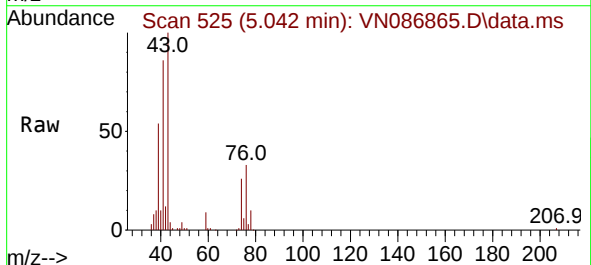
Tgt Ion: 56 Resp: 47020
Ion Ratio Lower Upper
56 100
55 69.5 55.6 83.4

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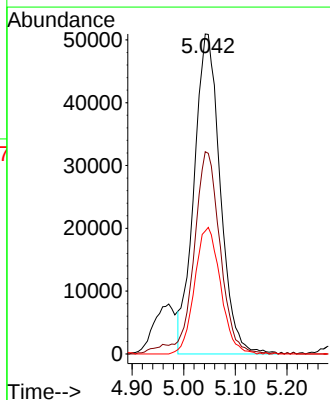
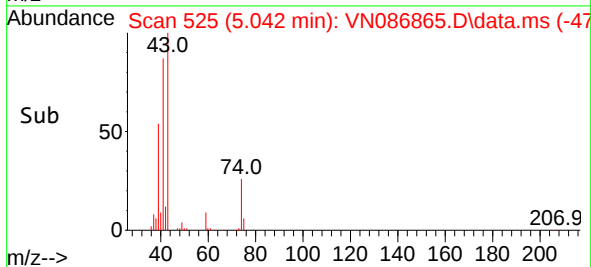
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#14
Allyl chloride
Concen: 46.848 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03



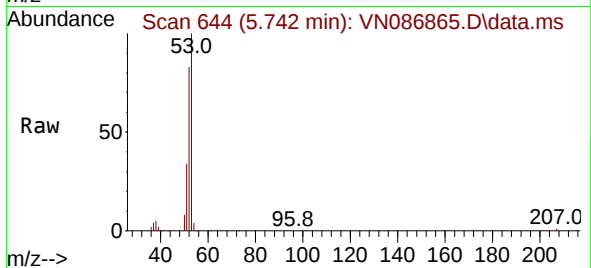
Tgt Ion: 41 Resp: 179313
Ion Ratio Lower Upper
41 100
39 64.1 51.3 76.9
76 39.2 31.4 47.0





#15
Acrylonitrile
Concen: 239.638 ug/l
RT: 5.742 min Scan# 644
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

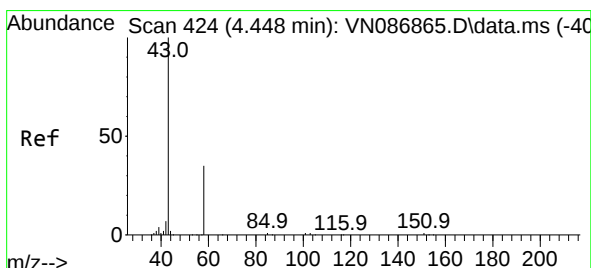
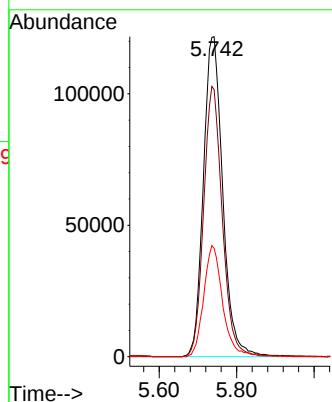
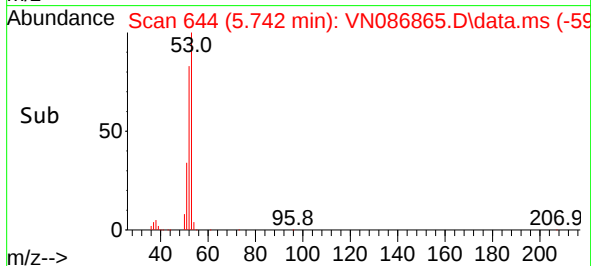
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 42194
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.6
51 34.0 27.2 40.8

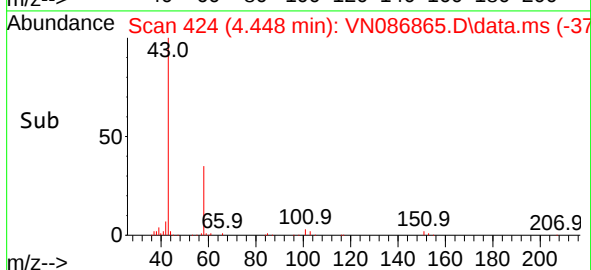
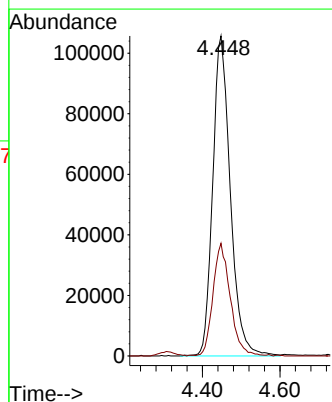
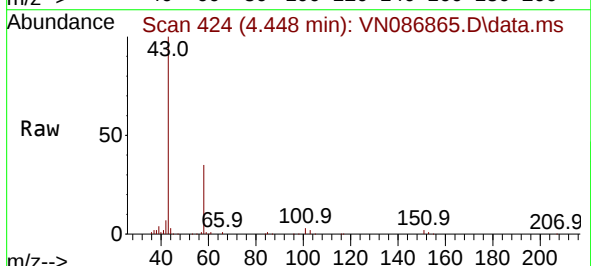
Manual Integrations
APPROVED

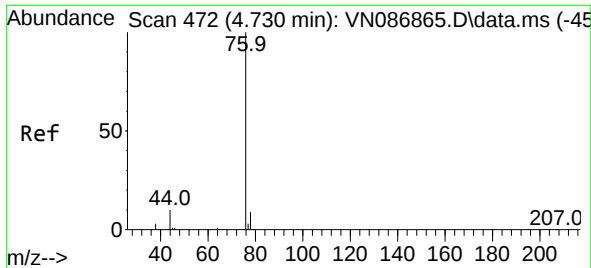
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#16
Acetone
Concen: 226.765 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

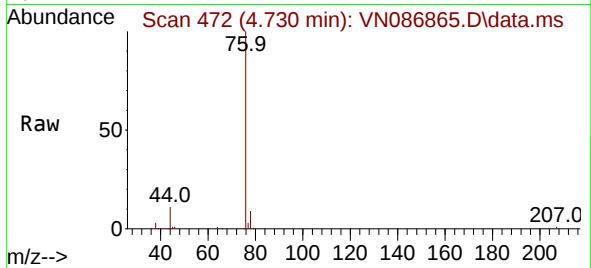
Tgt Ion: 43 Resp: 333857
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0





#17
Carbon Disulfide
Concen: 46.328 ug/l
RT: 4.730 min Scan# 472
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

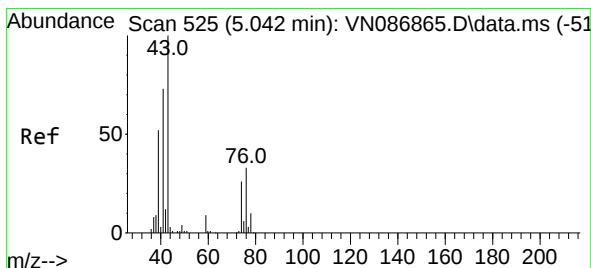
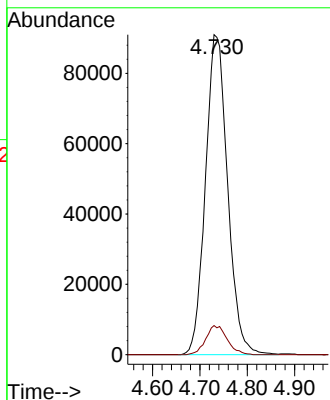
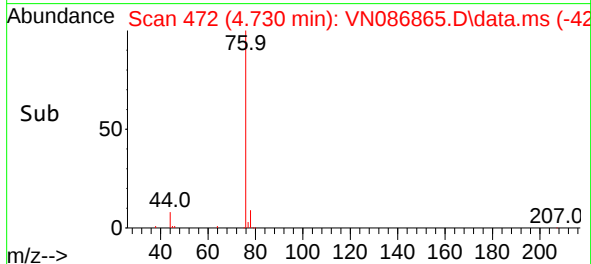
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 29575
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

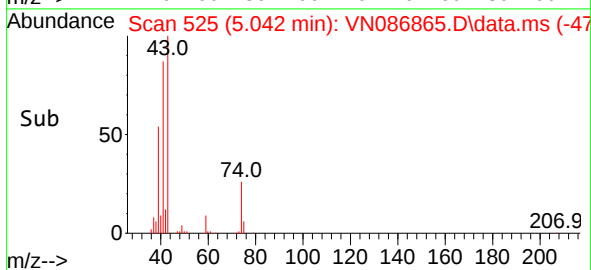
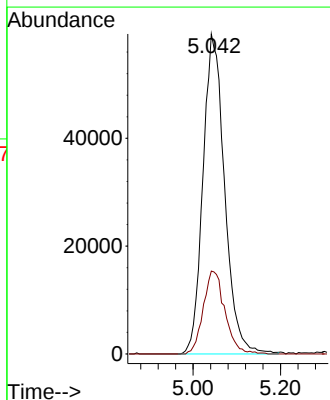
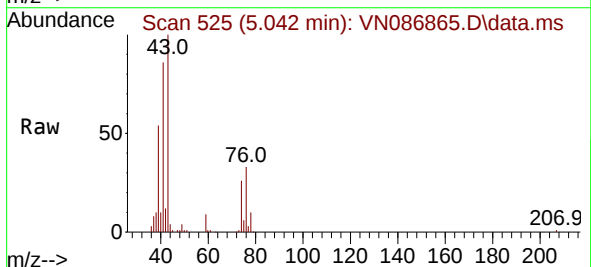
Manual Integrations
APPROVED

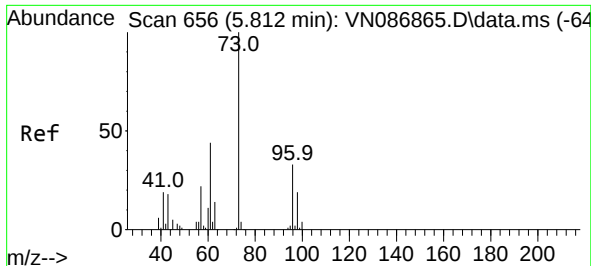
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#18
Methyl Acetate
Concen: 47.673 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 43 Resp: 204538
Ion Ratio Lower Upper
43 100
74 25.9 20.7 31.1





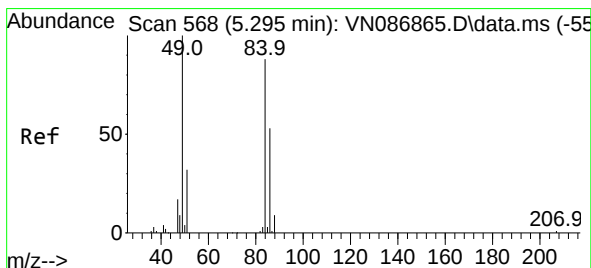
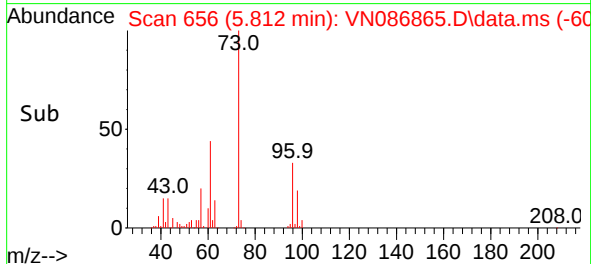
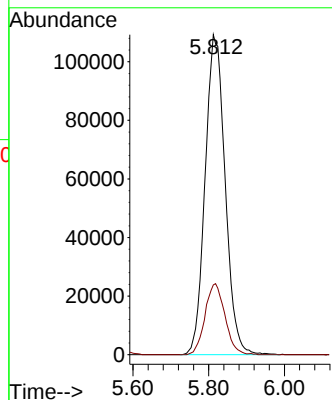
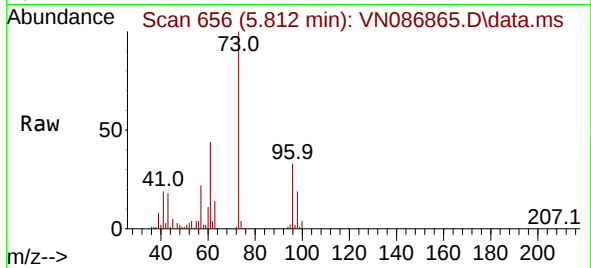
#19
Methyl tert-butyl Ether
Concen: 47.960 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 400775
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

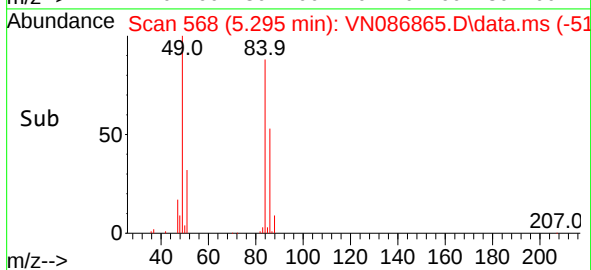
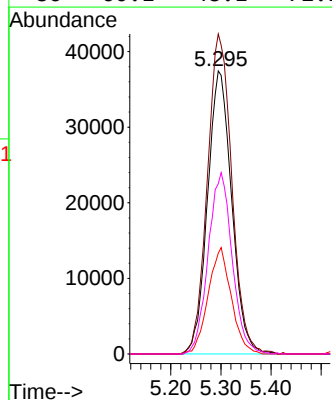
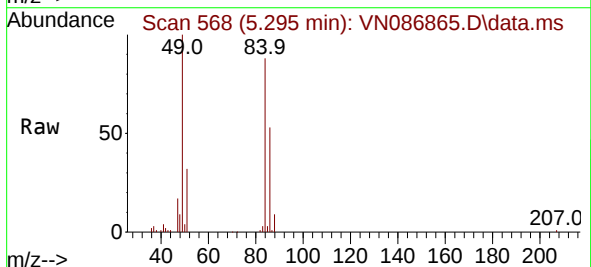
Manual Integrations
APPROVED

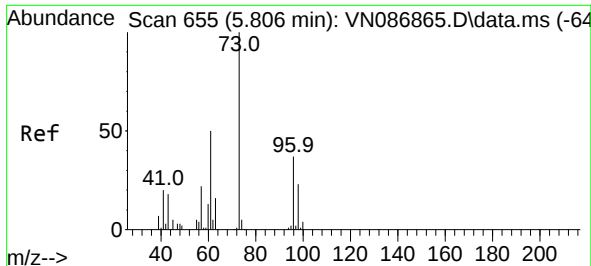
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#20
Methylene Chloride
Concen: 45.531 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

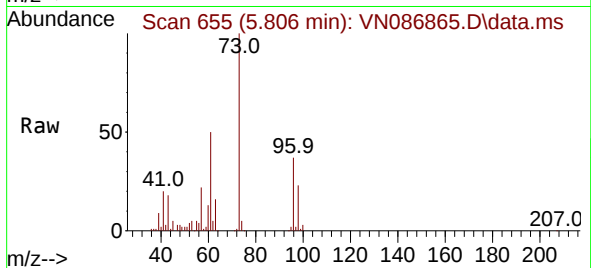
Tgt Ion: 84 Resp: 125498
Ion Ratio Lower Upper
84 100
49 113.1 90.5 135.7
51 35.6 28.5 42.7
86 60.1 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 45.822 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

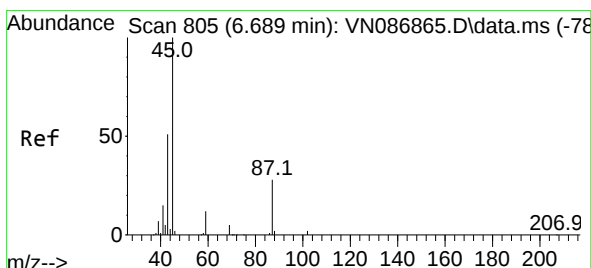
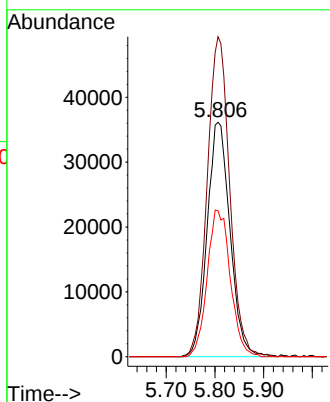
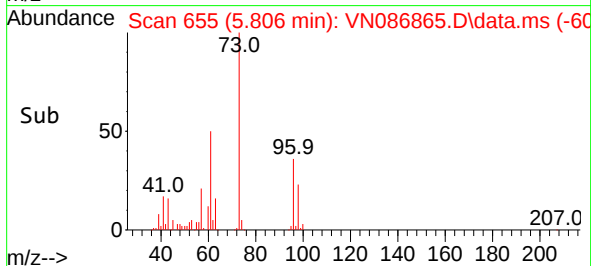
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



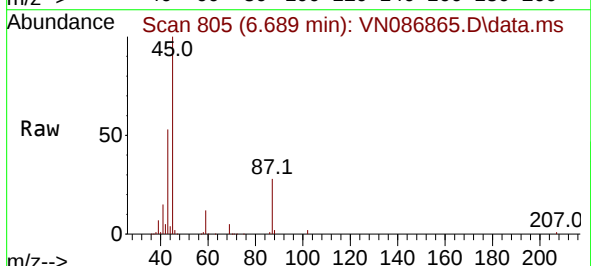
Tgt Ion: 96 Resp: 117660
Ion Ratio Lower Upper
96 100
61 136.5 109.2 163.8
98 62.3 49.8 74.8

Manual Integrations
APPROVED

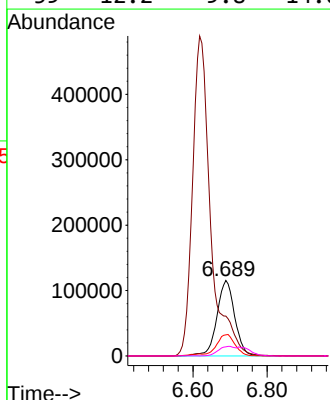
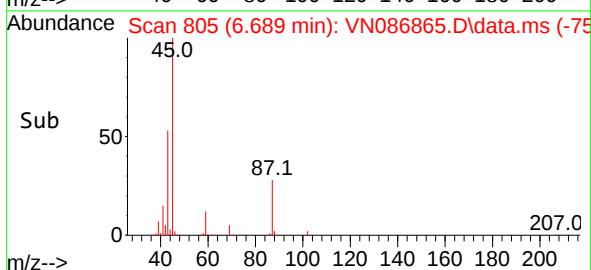
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

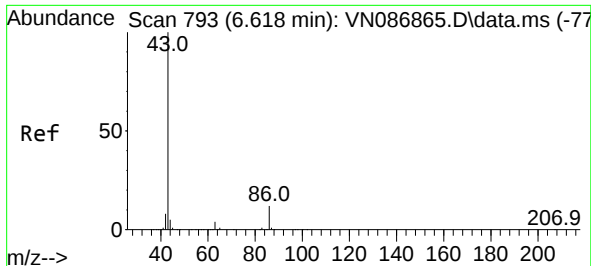


#22
Diisopropyl ether
Concen: 47.711 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03



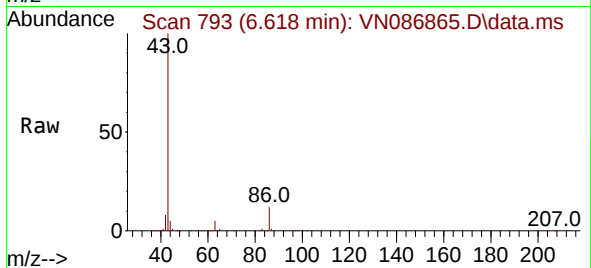
Tgt Ion: 45 Resp: 384939
Ion Ratio Lower Upper
45 100
43 52.4 41.9 62.9
87 28.0 22.4 33.6
59 12.2 9.8 14.6





#23
 Vinyl Acetate
 Concen: 241.910 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.000 min
 Lab File: VN086865.D
 Acq: 06 Jun 2025 14:03

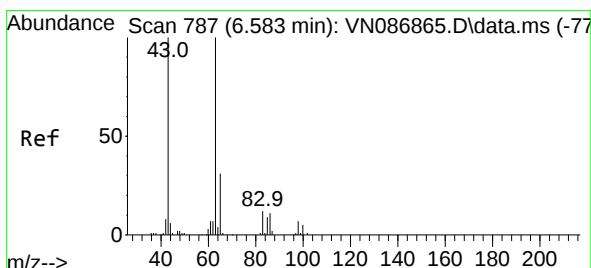
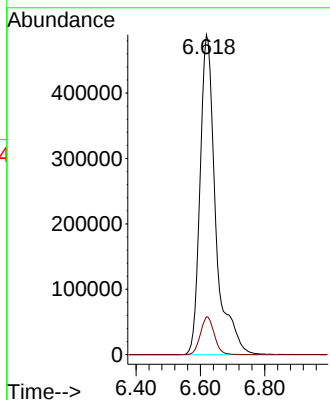
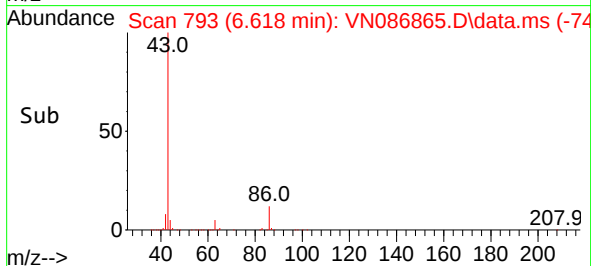
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



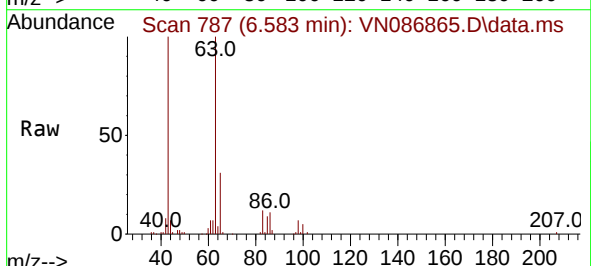
Tgt Ion: 43 Resp: 164902
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.5 14.3

Manual Integrations
 APPROVED

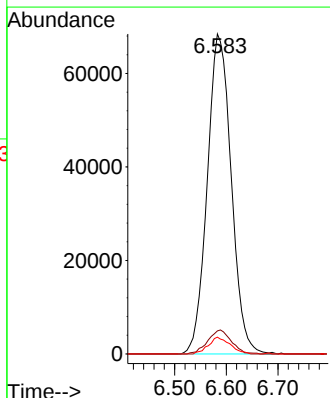
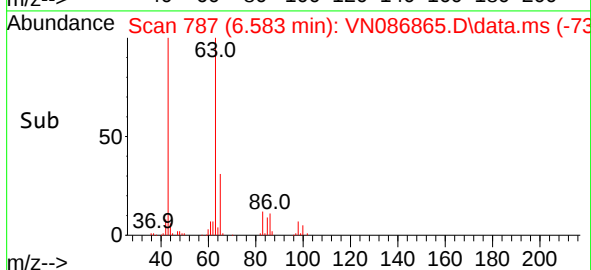
Reviewed By :John Carlone 06/09/2025
 Supervised By :Mahesh Dadoda 06/09/2025

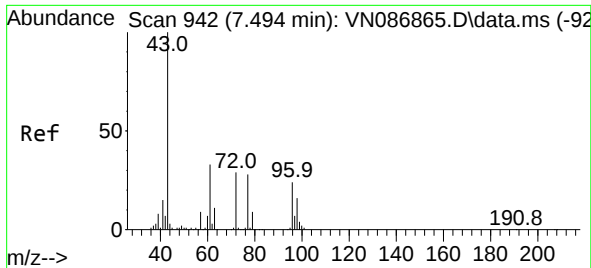


#24
 1,1-Dichloroethane
 Concen: 47.485 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VN086865.D
 Acq: 06 Jun 2025 14:03



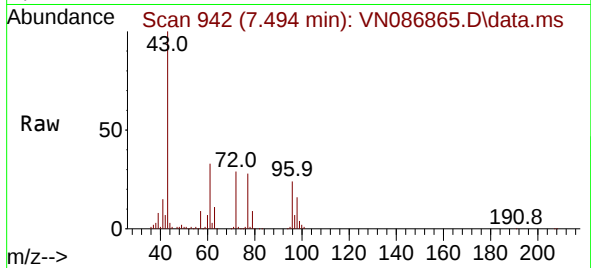
Tgt Ion: 63 Resp: 220477
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 5.2 2.6 7.8





#25
2-Butanone
Concen: 238.693 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

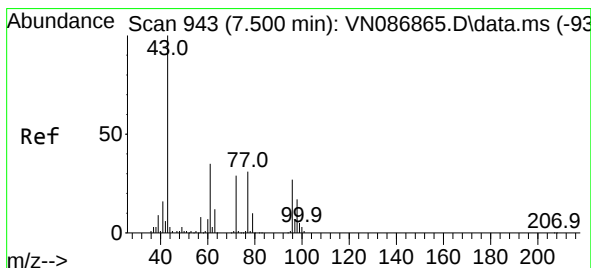
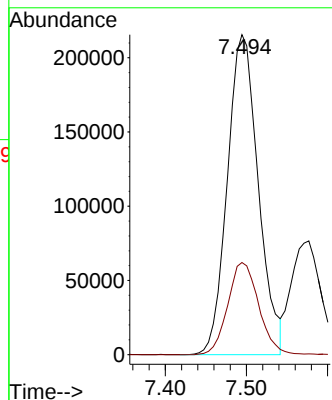
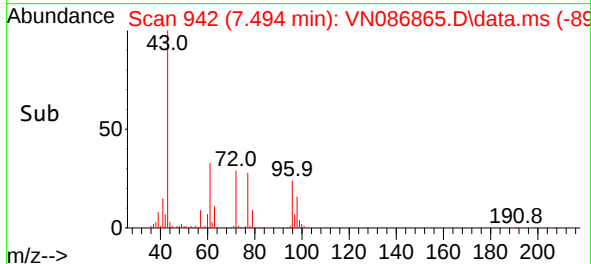
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 57122
Ion Ratio Lower Upper
43 100
72 28.8 23.0 34.6

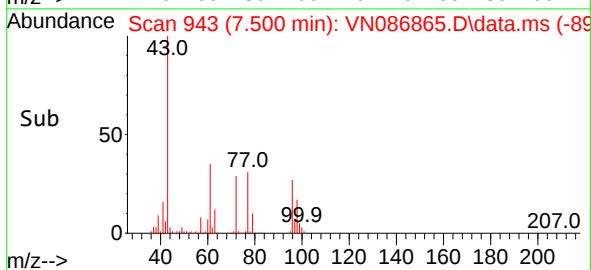
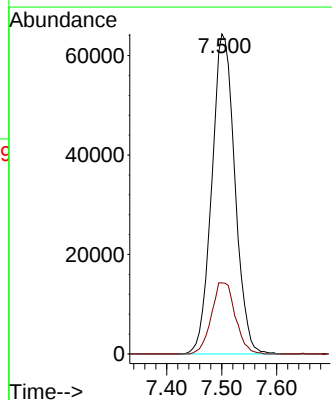
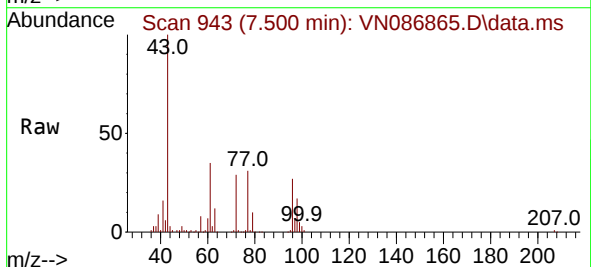
Manual Integrations
APPROVED

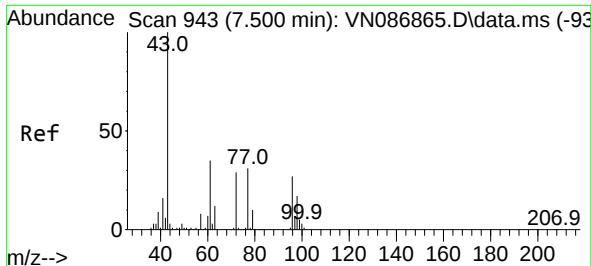
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#26
2,2-Dichloropropane
Concen: 51.933 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

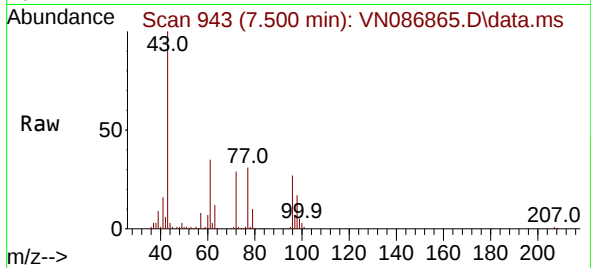
Tgt Ion: 77 Resp: 187567
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 47.189 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. 0.000 min
 Lab File: VN086865.D
 Acq: 06 Jun 2025 14:03

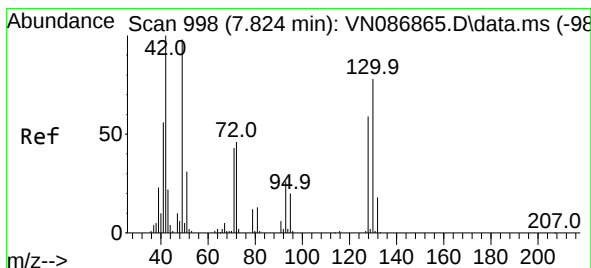
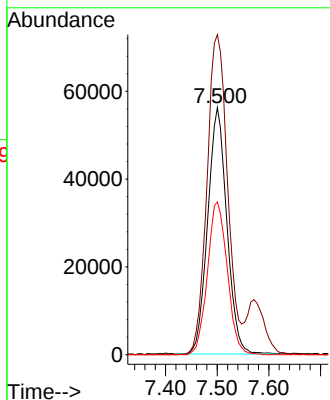
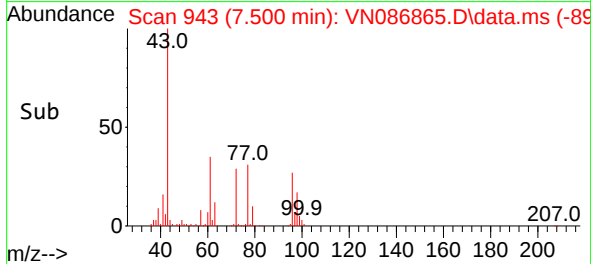
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 14491
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 278.0
 98 64.1 0.0 128.2

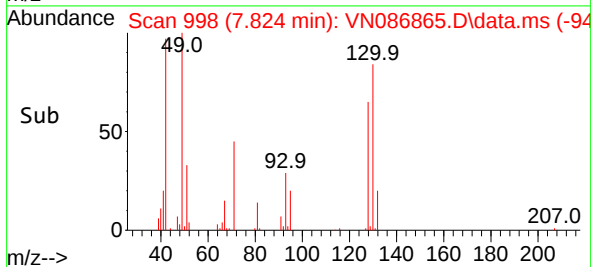
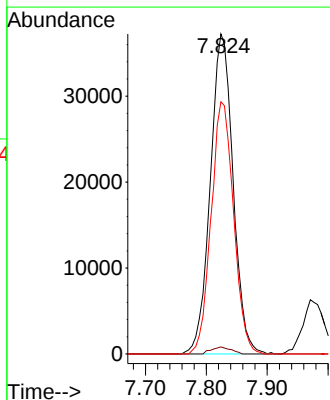
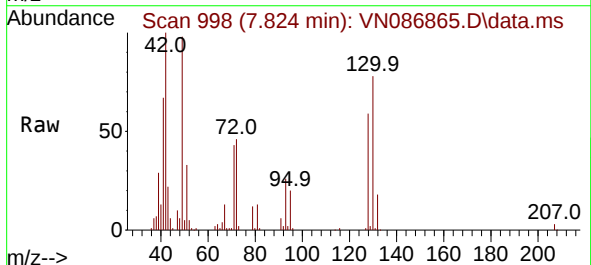
Manual Integrations
 APPROVED

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



#28
 Bromochloromethane
 Concen: 42.362 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VN086865.D
 Acq: 06 Jun 2025 14:03

Tgt Ion: 49 Resp: 96707
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 77.7 62.2 93.2





#29

Tetrahydrofuran

Concen: 238.210 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VN086865.D

Acq: 06 Jun 2025 14:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 37135

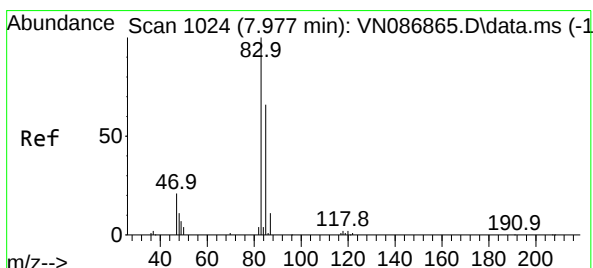
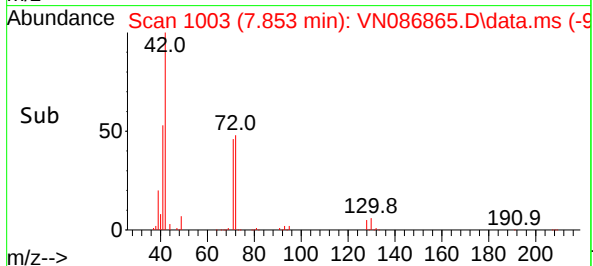
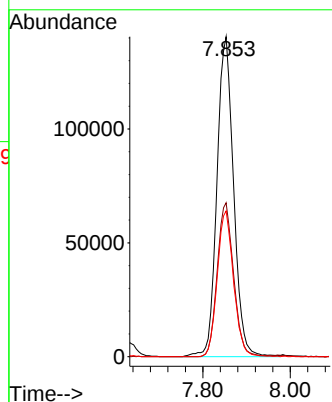
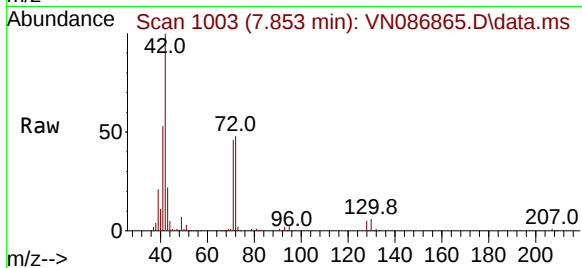
Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.8	56.6
71	44.5	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#30

Chloroform

Concen: 47.467 ug/l

RT: 7.977 min Scan# 1024

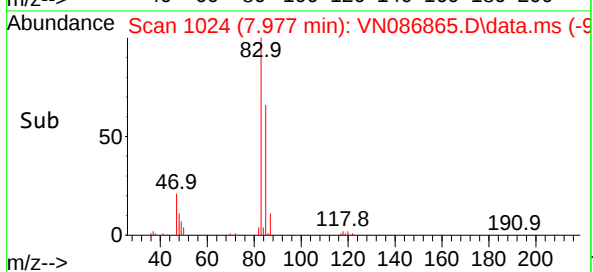
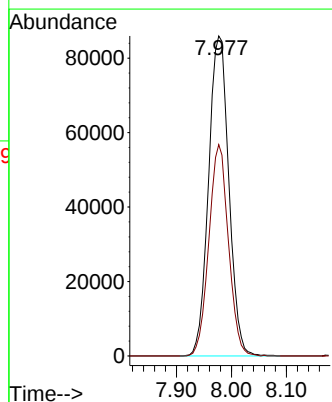
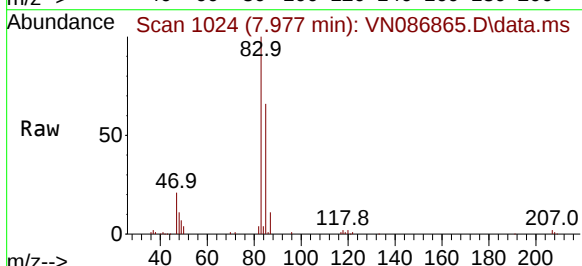
Delta R.T. 0.000 min

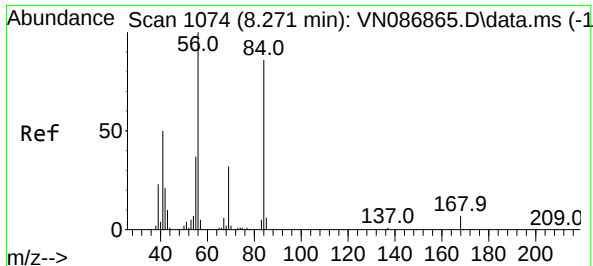
Lab File: VN086865.D

Acq: 06 Jun 2025 14:03

Tgt Ion: 83 Resp: 220093

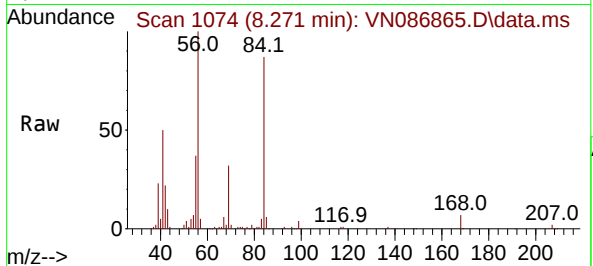
Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.9	79.3





#31
Cyclohexane
Concen: 46.217 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

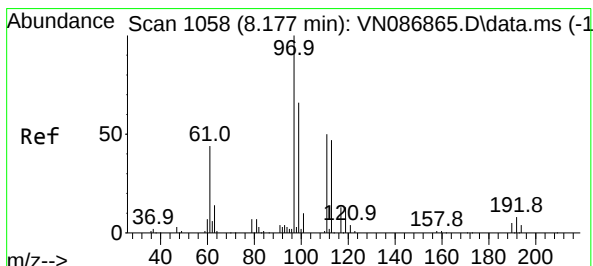
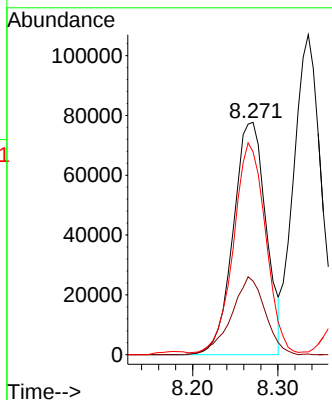
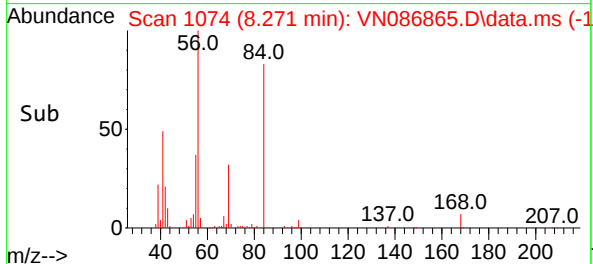
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



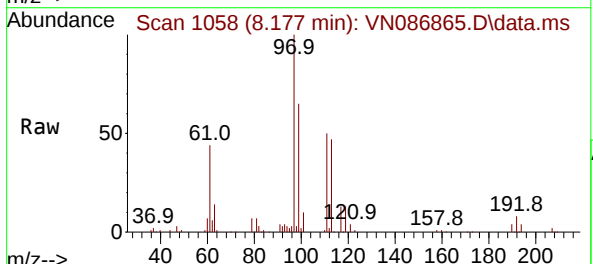
Tgt Ion: 56 Resp: 20810
Ion Ratio Lower Upper
56 100
69 31.7 25.4 38.0
84 86.0 68.8 103.2

Manual Integrations
APPROVED

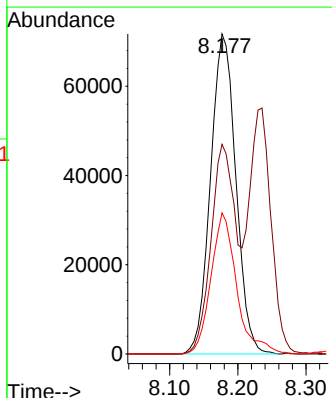
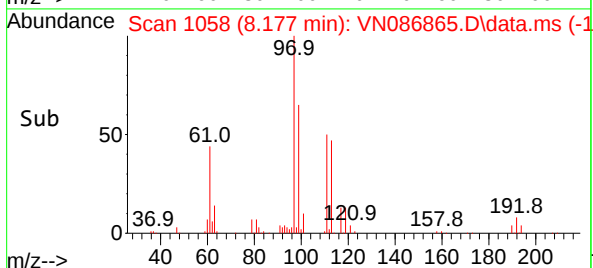
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

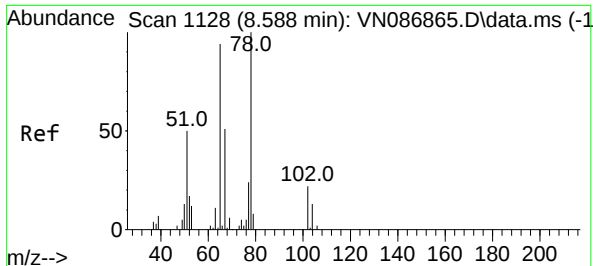


#32
1,1,1-Trichloroethane
Concen: 47.037 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03



Tgt Ion: 97 Resp: 185502
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 44.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 37.366 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN086865.D

Acq: 06 Jun 2025 14:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 103730

Ion Ratio Lower Upper

65 100

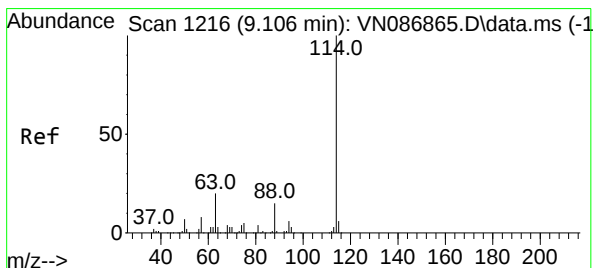
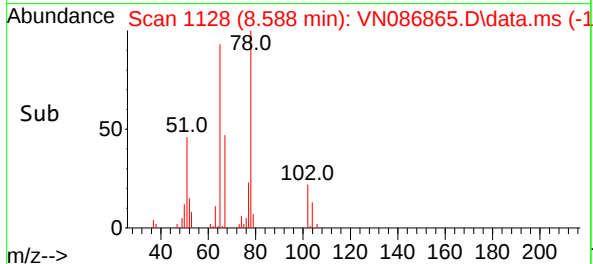
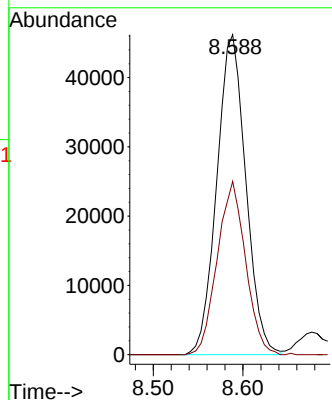
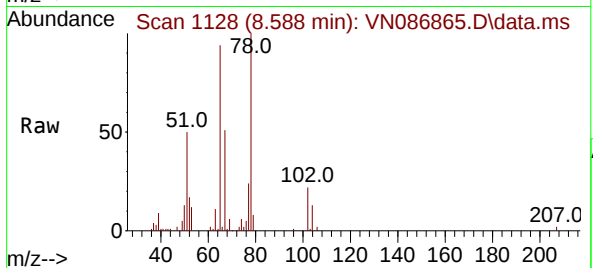
67 52.8 0.0 105.6

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: VN086865.D

Acq: 06 Jun 2025 14:03

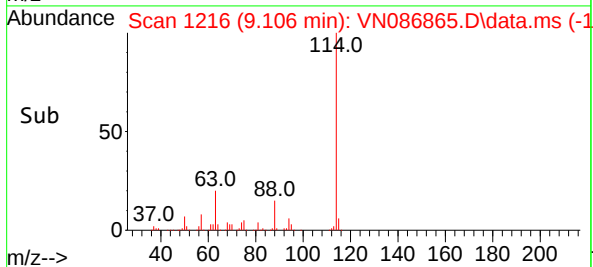
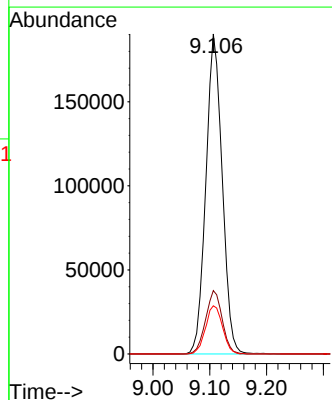
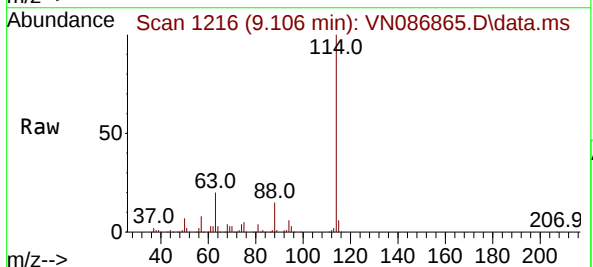
Tgt Ion:114 Resp: 378587

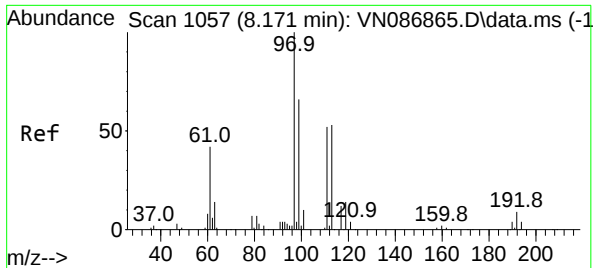
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

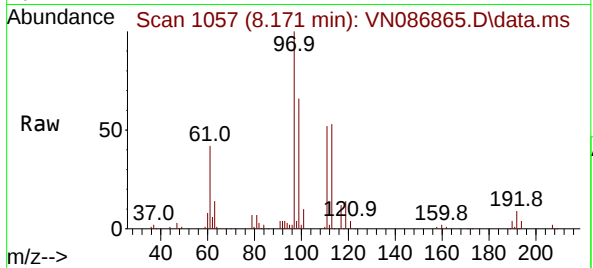
88 15.1 0.0 30.2





#35
Dibromofluoromethane
Concen: 37.020 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

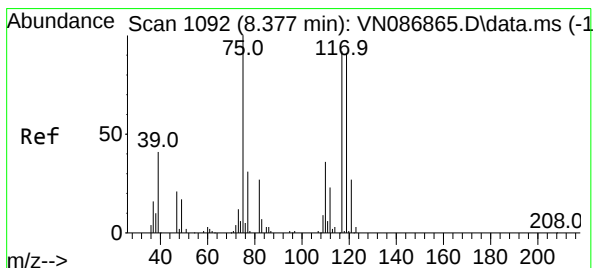
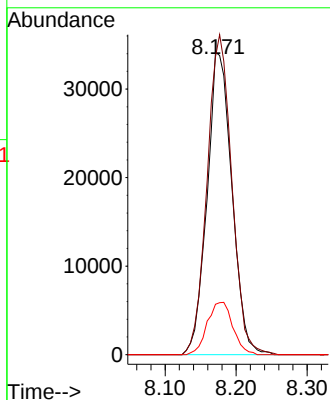
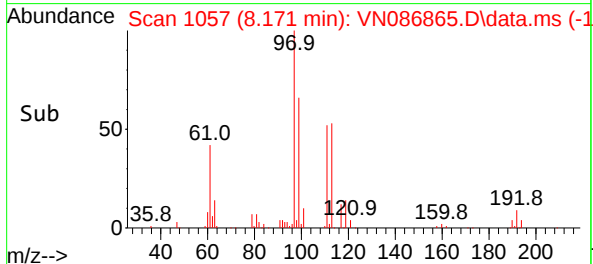
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 113 Resp: 83058
Ion Ratio Lower Upper
113 100
111 105.2 84.2 126.2
192 17.8 14.2 21.4

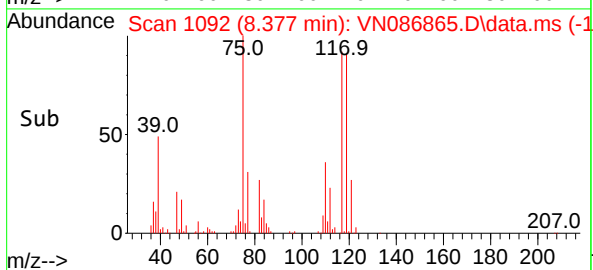
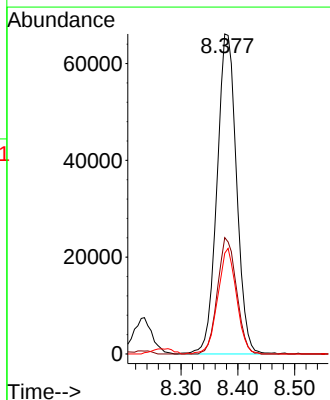
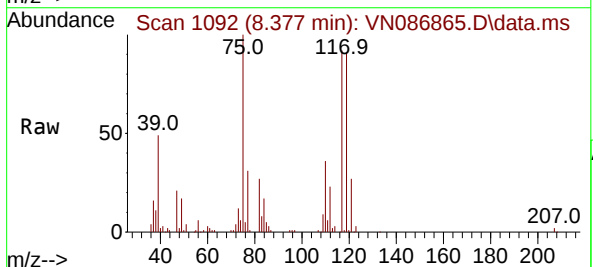
Manual Integrations
APPROVED

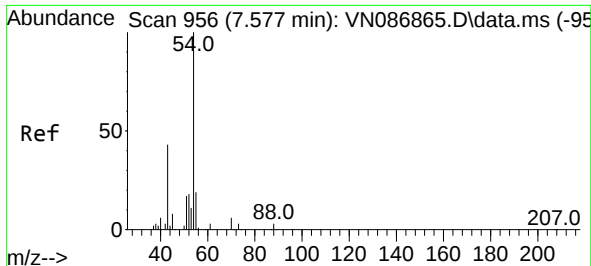
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#36
1,1-Dichloropropene
Concen: 47.362 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

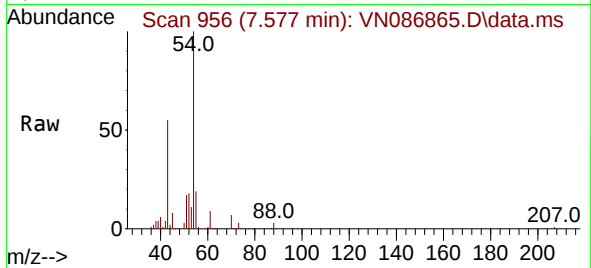
Tgt Ion: 75 Resp: 158341
Ion Ratio Lower Upper
75 100
110 35.3 17.6 52.9
77 31.6 25.3 37.9





#37
Ethyl Acetate
Concen: 47.720 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

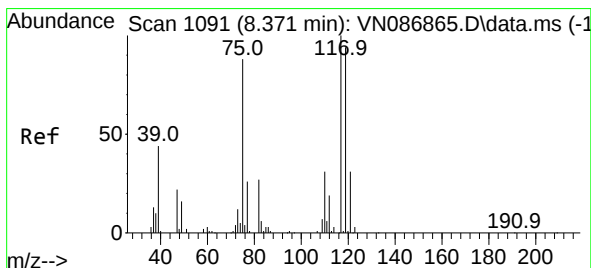
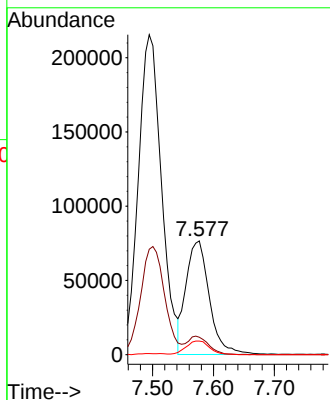
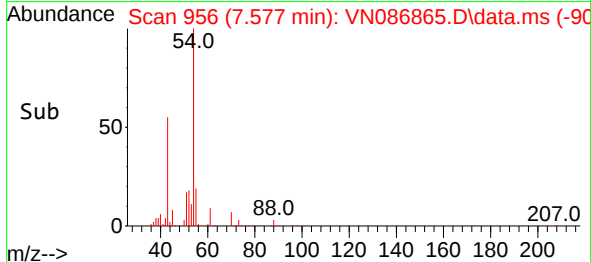
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 203091
Ion Ratio Lower Upper
43 100
61 15.1 12.1 18.1
70 12.2 9.8 14.6

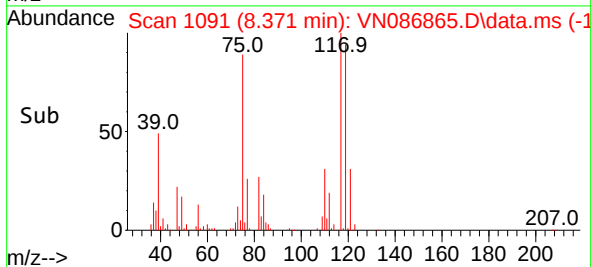
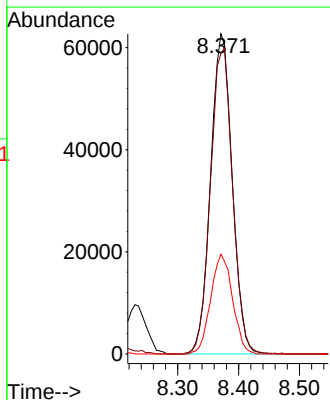
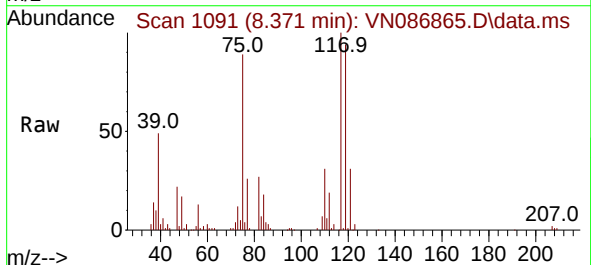
Manual Integrations
APPROVED

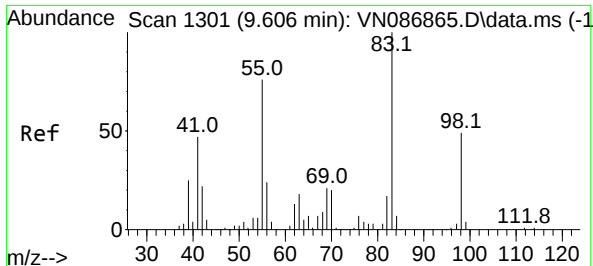
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#38
Carbon Tetrachloride
Concen: 47.126 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:117 Resp: 154677
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6
121 31.1 24.9 37.3





#39

Methylcyclohexane

Concen: 47.126 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086865.D

Acq: 06 Jun 2025 14:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 215849

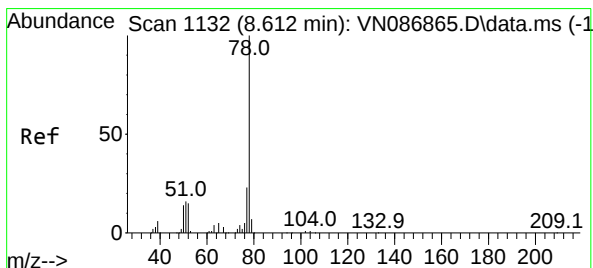
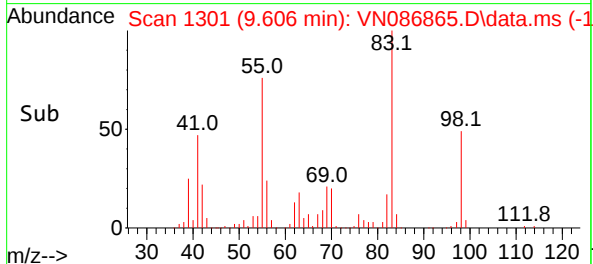
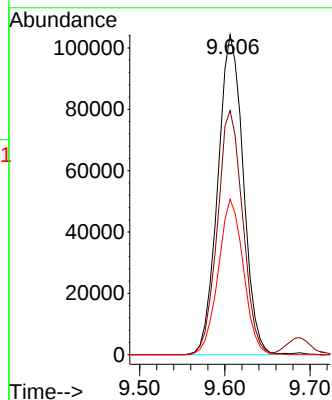
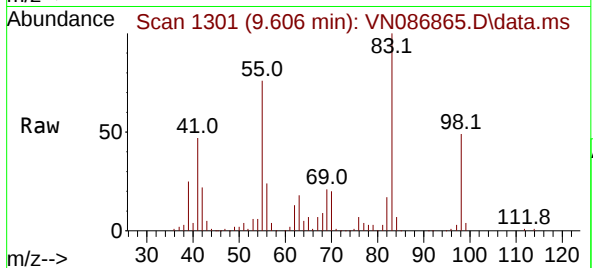
Ion	Ratio	Lower	Upper
83	100		
55	76.3	61.0	91.6
98	48.6	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#40

Benzene

Concen: 46.590 ug/l

RT: 8.612 min Scan# 1132

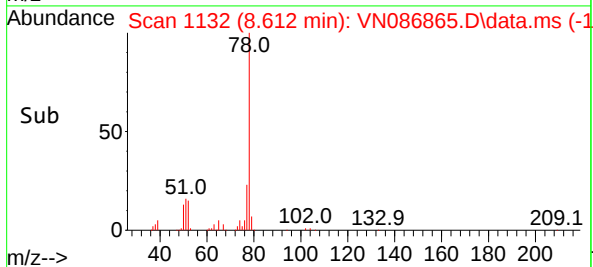
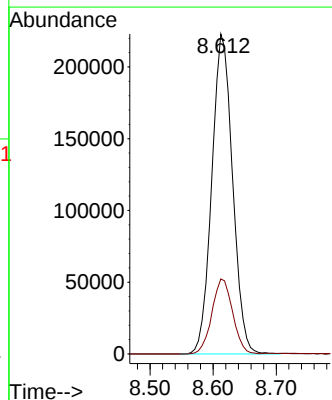
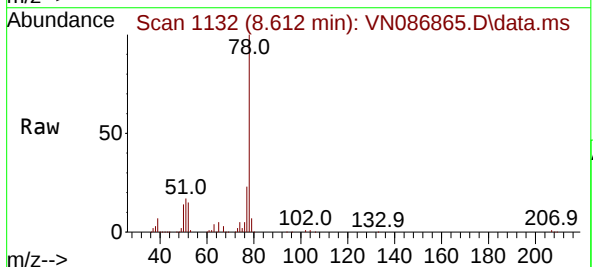
Delta R.T. 0.000 min

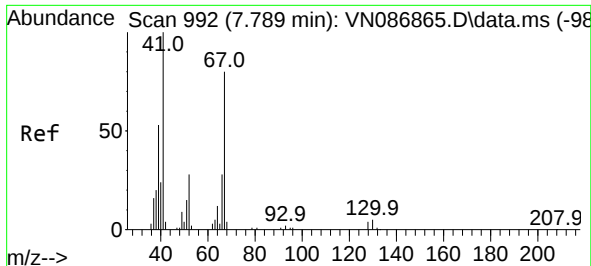
Lab File: VN086865.D

Acq: 06 Jun 2025 14:03

Tgt Ion: 78 Resp: 509334

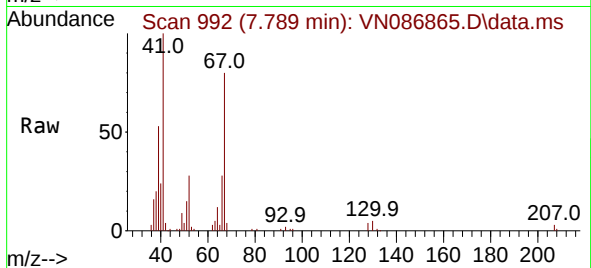
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1





#41
Methacrylonitrile
Concen: 48.000 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

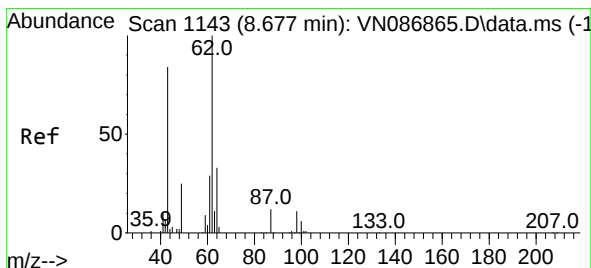
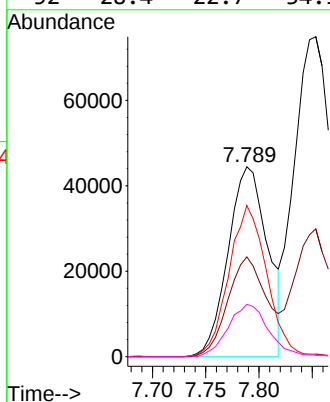
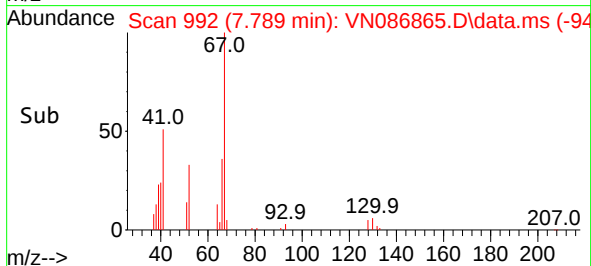
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



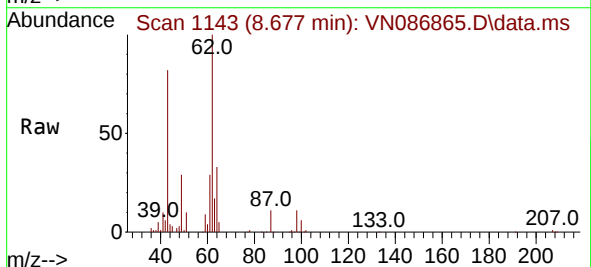
Tgt Ion: 41 Resp: 11472
Ion Ratio Lower Upper
41 100
39 51.5 41.2 61.8
67 76.8 61.4 92.2
52 28.4 22.7 34.1

Manual Integrations
APPROVED

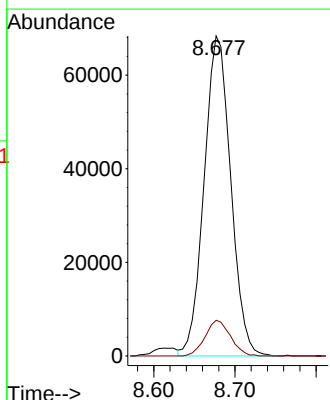
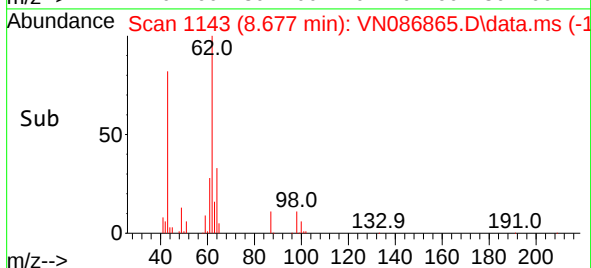
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#42
1,2-Dichloroethane
Concen: 46.960 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03



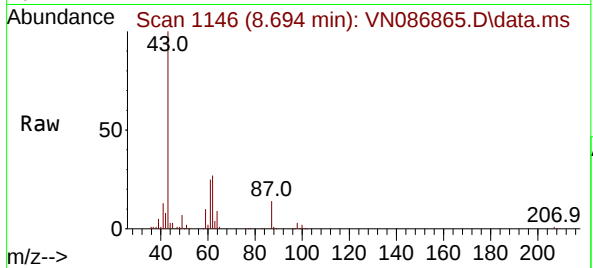
Tgt Ion: 62 Resp: 155713
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.2





#43
Isopropyl Acetate
Concen: 47.248 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

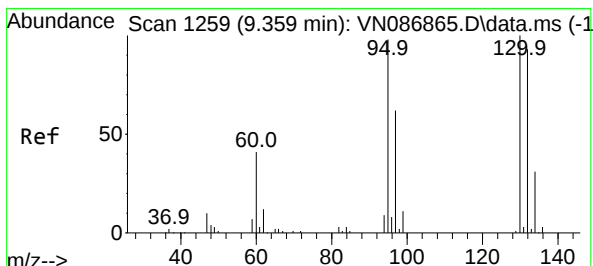
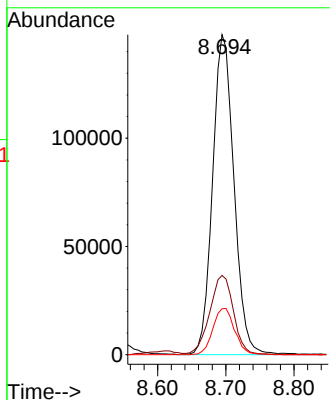
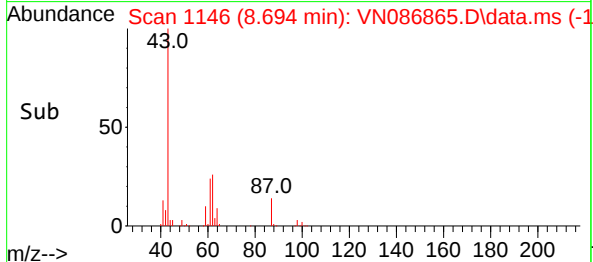
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 32274
Ion Ratio Lower Upper
43 100
61 27.6 22.1 33.1
87 14.7 11.8 17.6

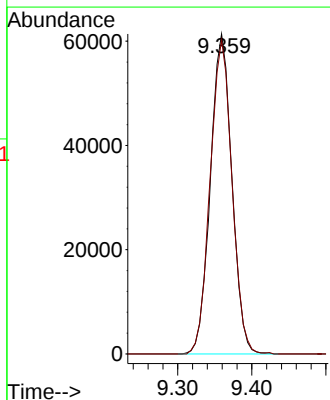
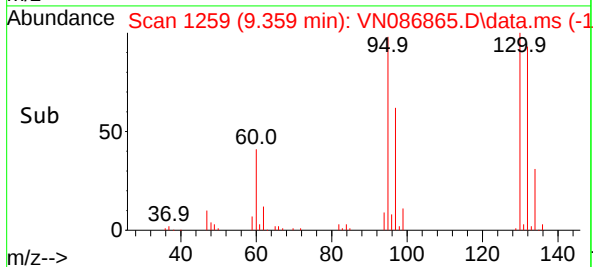
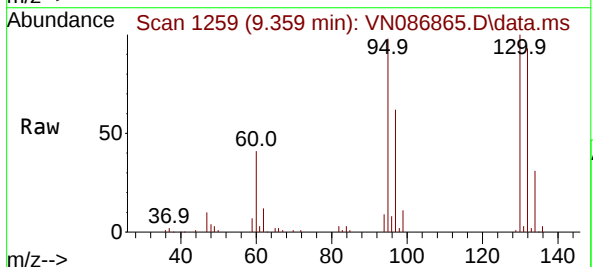
Manual Integrations
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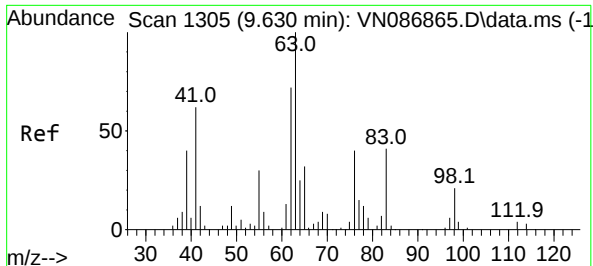
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#44
Trichloroethene
Concen: 47.776 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:130 Resp: 123847
Ion Ratio Lower Upper
130 100
95 98.1 0.0 196.2





#45

1,2-Dichloropropane

Concen: 47.251 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN086865.D

Acq: 06 Jun 2025 14:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 12567

Ion Ratio Lower Upper

63 100

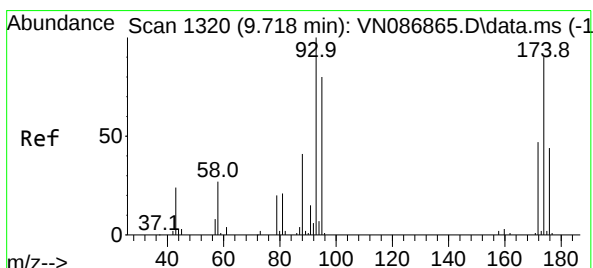
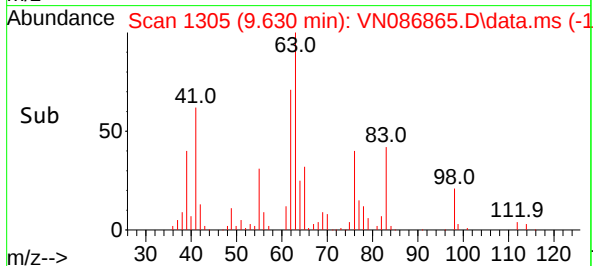
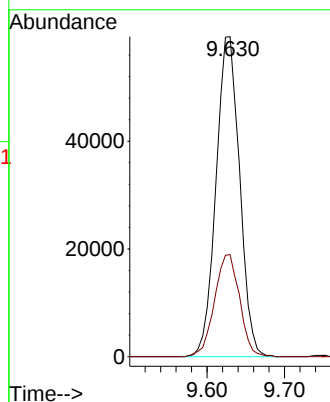
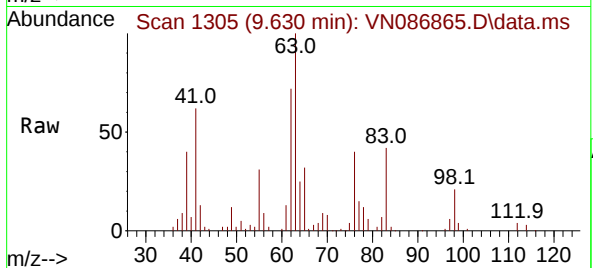
65 31.9 25.5 38.3

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Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#46

Dibromomethane

Concen: 47.442 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.000 min

Lab File: VN086865.D

Acq: 06 Jun 2025 14:03

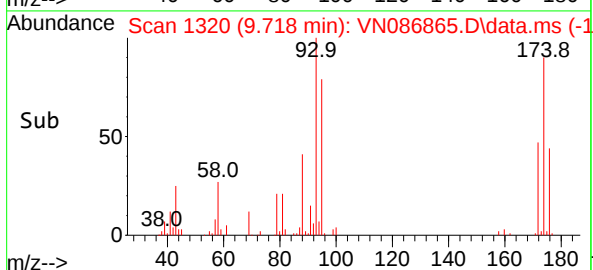
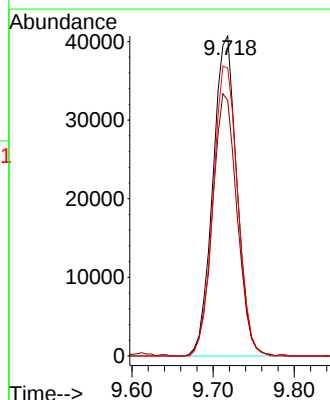
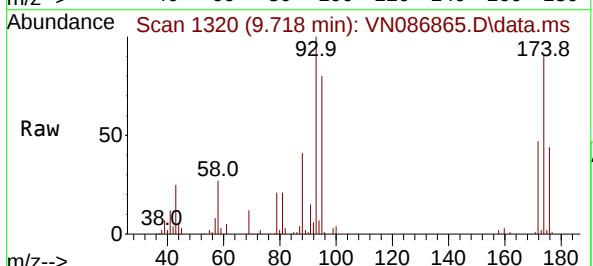
Tgt Ion: 93 Resp: 83811

Ion Ratio Lower Upper

93 100

95 83.9 67.1 100.7

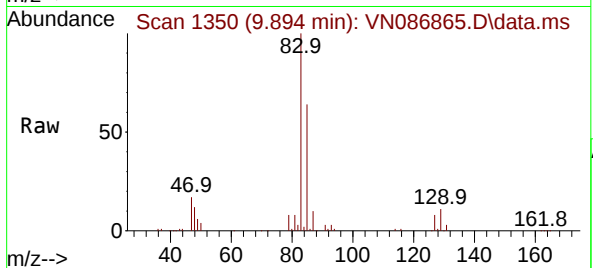
174 92.8 74.2 111.4





#47
Bromodichloromethane
Concen: 47.651 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

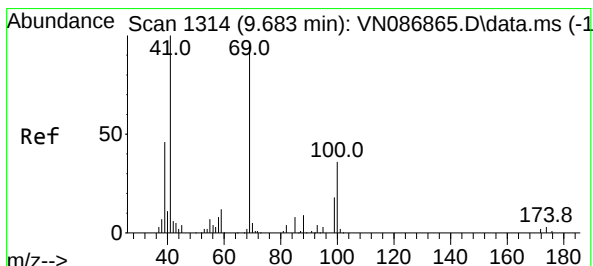
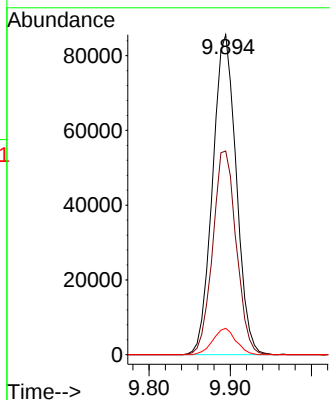
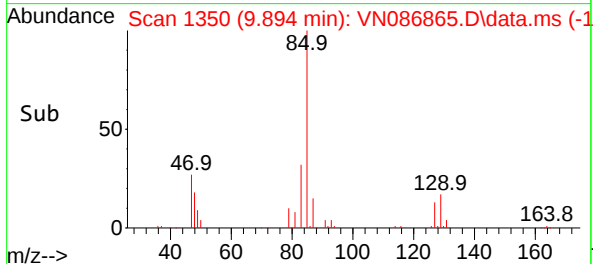
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



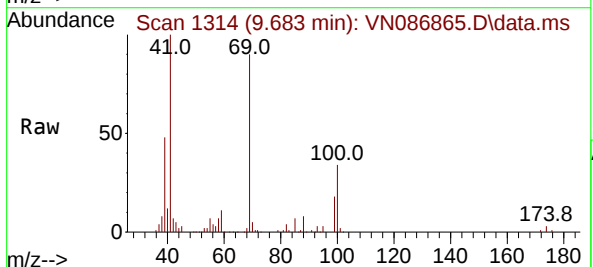
Tgt Ion: 83 Resp: 173200
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.3 6.6 10.0

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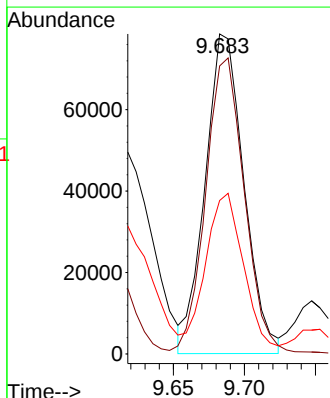
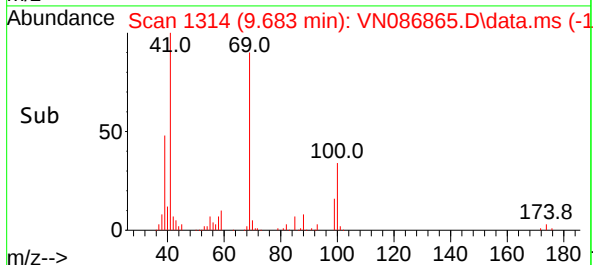
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

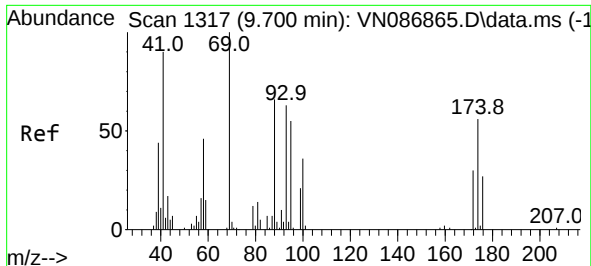


#48
Methyl methacrylate
Concen: 47.399 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03



Tgt Ion: 41 Resp: 149019
Ion Ratio Lower Upper
41 100
69 93.3 74.6 112.0
39 50.3 40.2 60.4





#49

1,4-Dioxane

Concen: 1032.607 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN086865.D

Acq: 06 Jun 2025 14:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

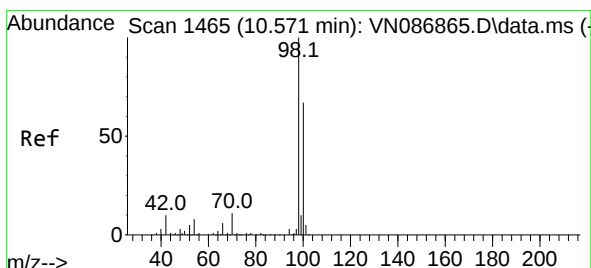
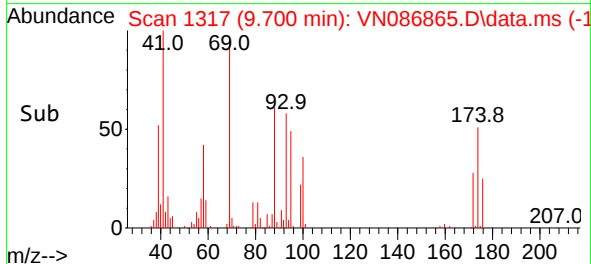
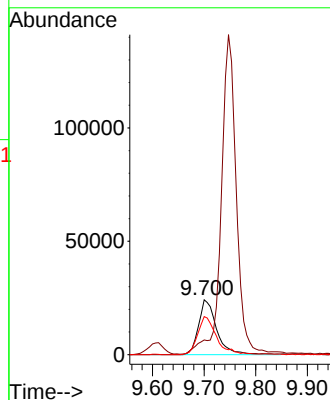
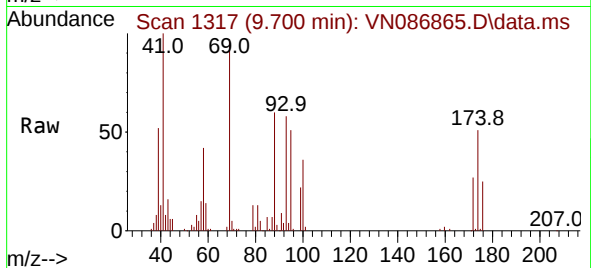
Tgt Ion: 88 Resp: 59060
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 72.1 57.7 86.5

Manual Integrations

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Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#50

Toluene-d8

Concen: 36.716 ug/l

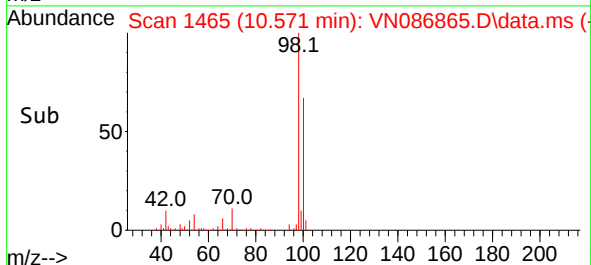
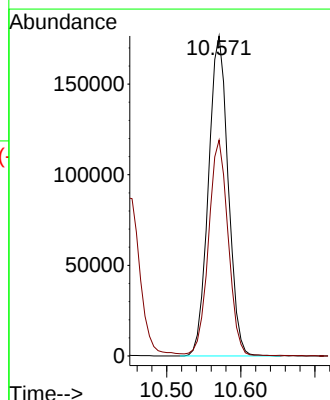
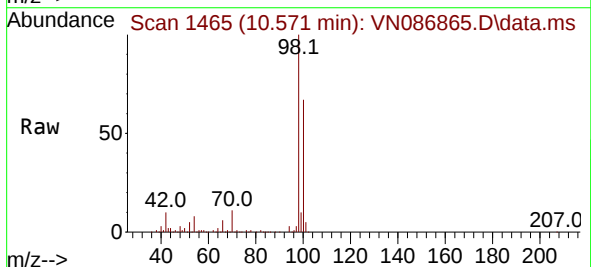
RT: 10.571 min Scan# 1465

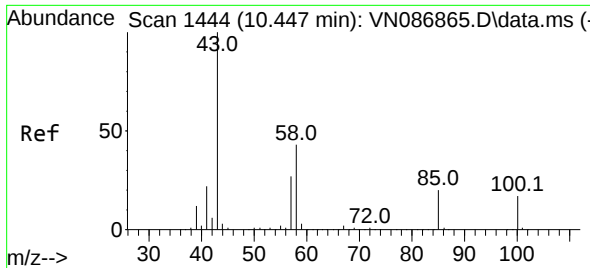
Delta R.T. 0.000 min

Lab File: VN086865.D

Acq: 06 Jun 2025 14:03

Tgt Ion: 98 Resp: 326105
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.4 80.0





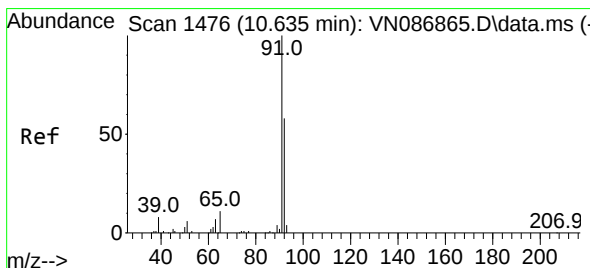
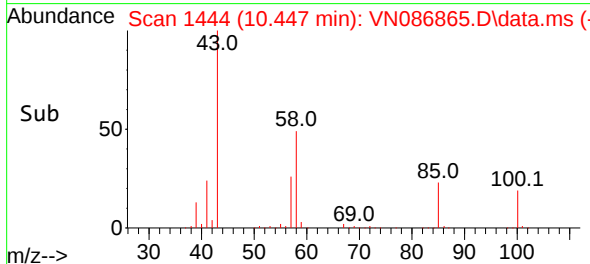
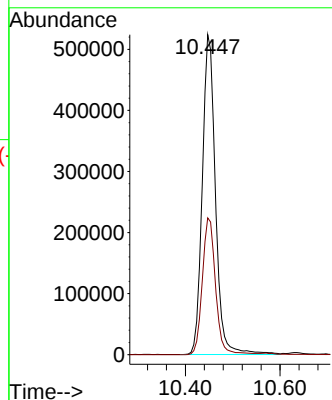
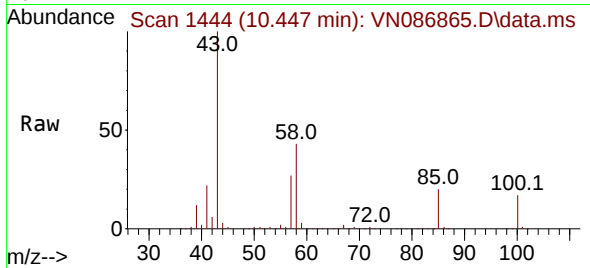
#51
4-Methyl-2-Pentanone
Concen: 247.484 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1017688
Ion Ratio Lower Upper
43 100
58 42.8 34.2 51.4

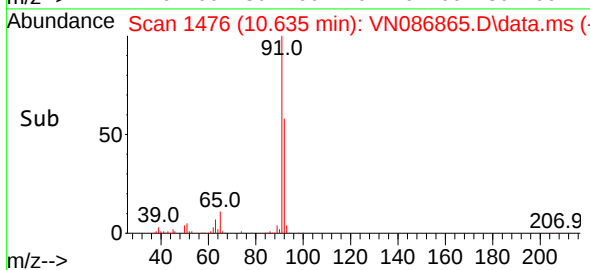
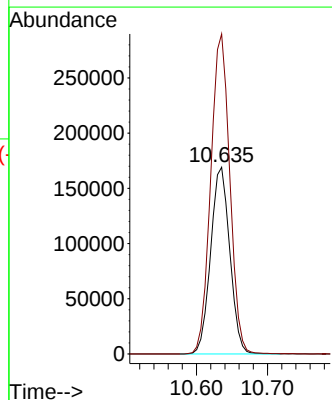
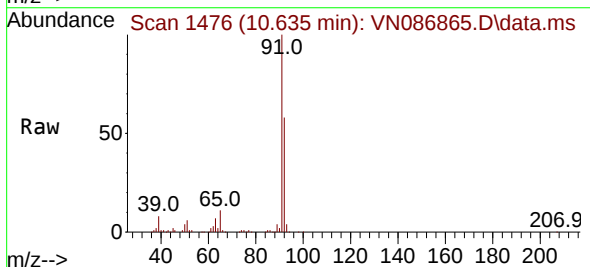
Manual Integrations
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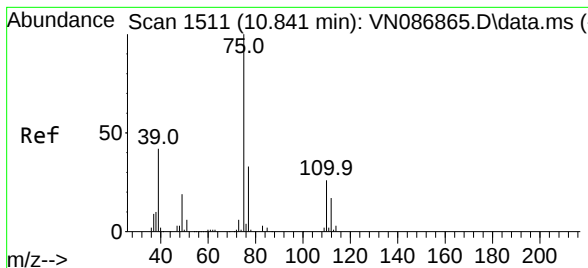
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#52
Toluene
Concen: 47.331 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

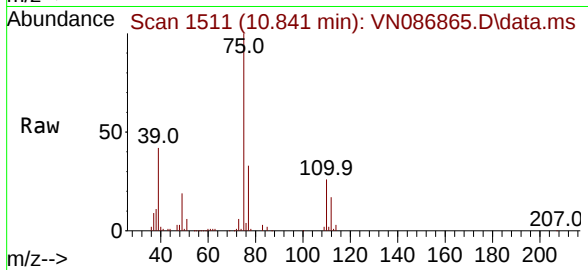
Tgt Ion: 92 Resp: 316219
Ion Ratio Lower Upper
92 100
91 170.6 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 48.587 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

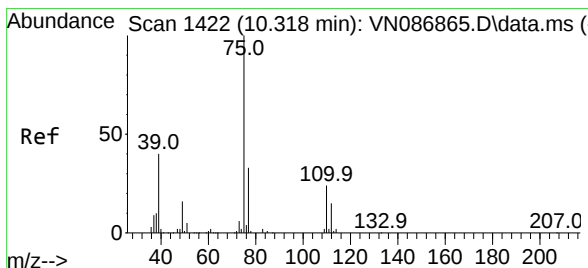
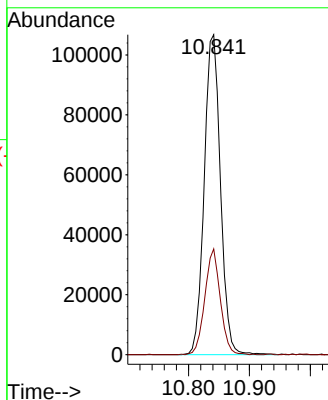
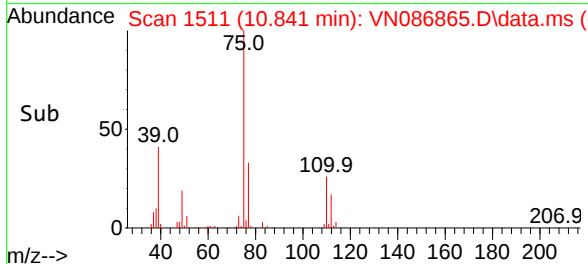
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



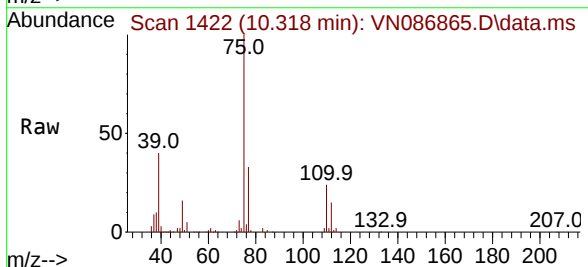
Tgt Ion: 75 Resp: 197475
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6

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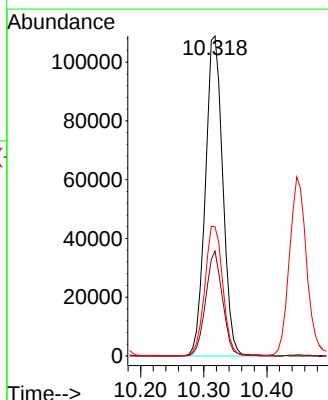
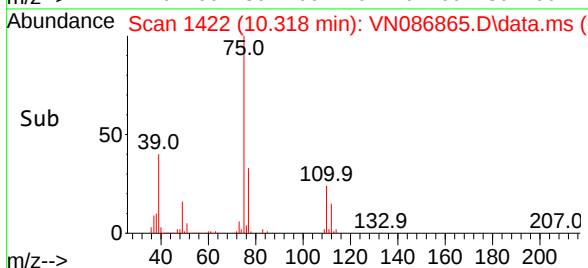
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

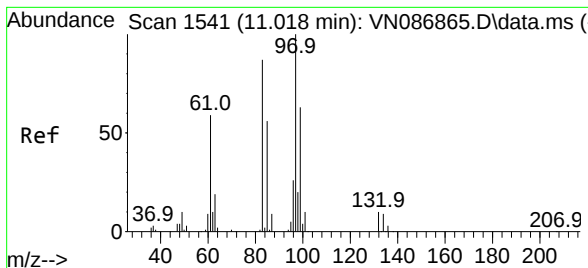


#54
cis-1,3-Dichloropropene
Concen: 47.950 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03



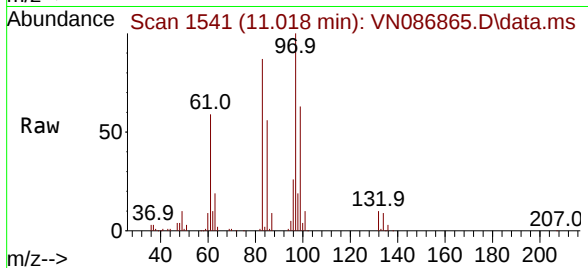
Tgt Ion: 75 Resp: 208523
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4
39 40.4 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 47.445 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

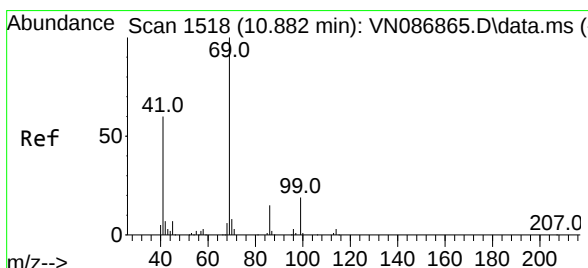
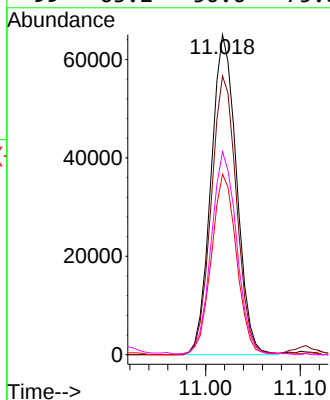
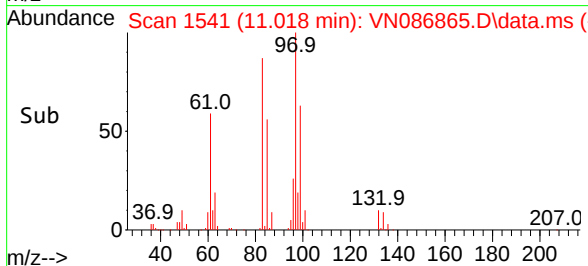
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



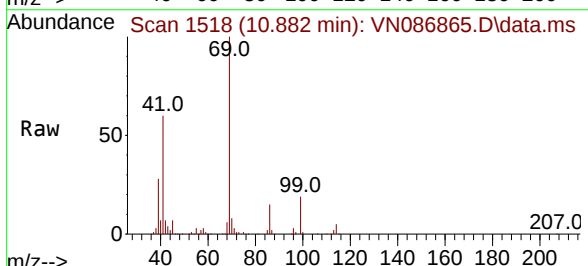
Tgt Ion: 97 Resp: 121969
Ion Ratio Lower Upper
97 100
83 87.1 69.7 104.5
85 56.4 45.1 67.7
99 63.2 50.6 75.8

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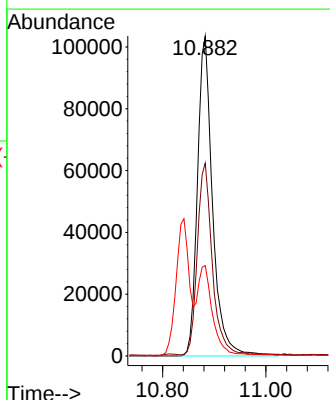
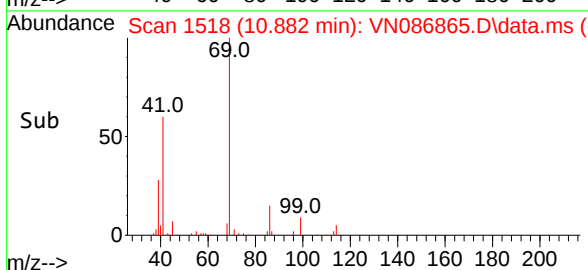
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

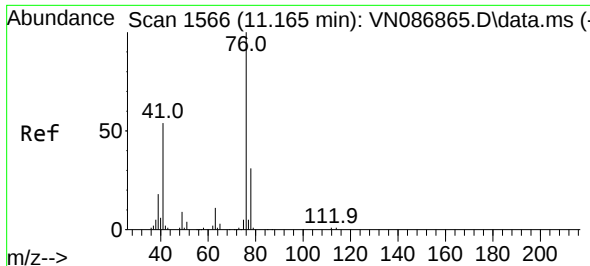


#56
Ethyl methacrylate
Concen: 51.401 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03



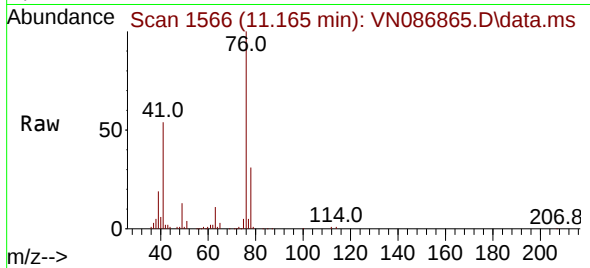
Tgt Ion: 69 Resp: 210467
Ion Ratio Lower Upper
69 100
41 59.0 47.2 70.8
39 28.8 23.0 34.6





#57
1,3-Dichloropropane
Concen: 47.593 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

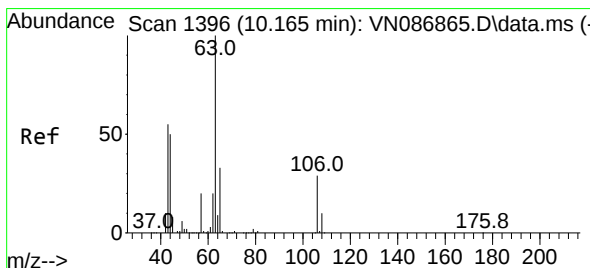
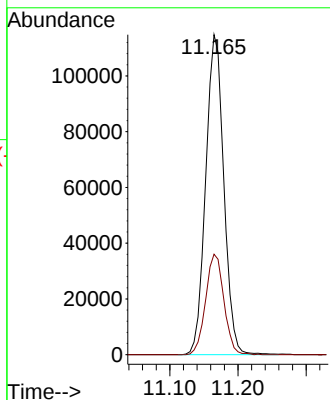
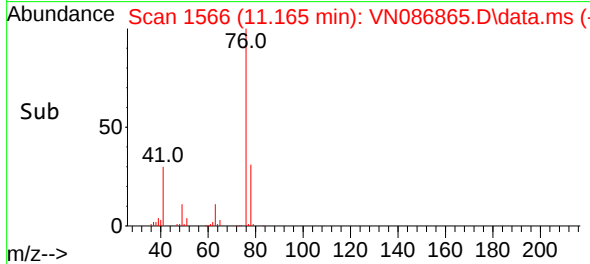
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 21224
Ion Ratio Lower Upper
76 100
78 31.6 25.3 37.9

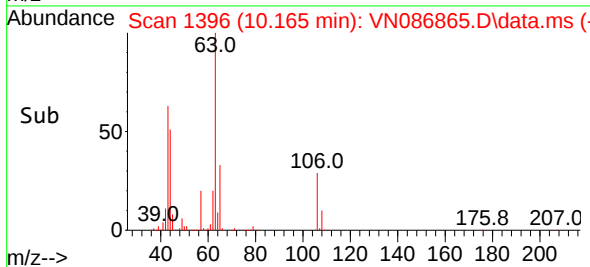
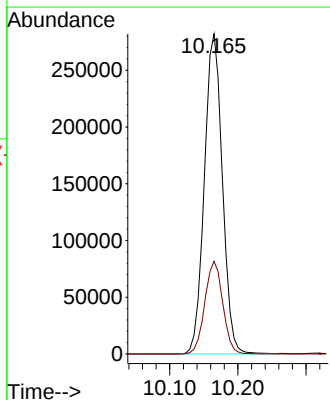
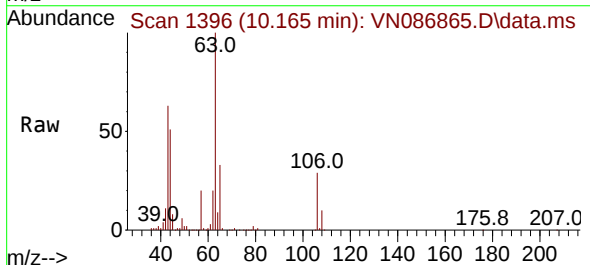
Manual Integrations
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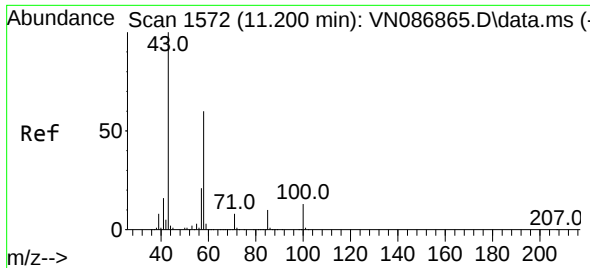
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#58
2-Chloroethyl Vinyl ether
Concen: 212.570 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

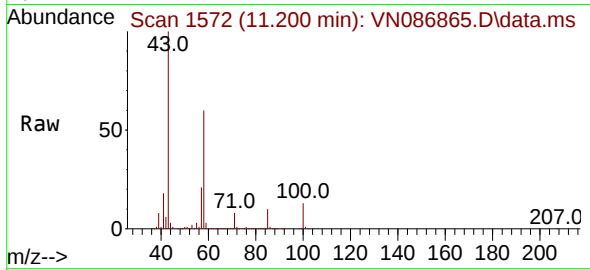
Tgt Ion: 63 Resp: 519139
Ion Ratio Lower Upper
63 100
106 28.8 23.0 34.6





#59
2-Hexanone
Concen: 262.977 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

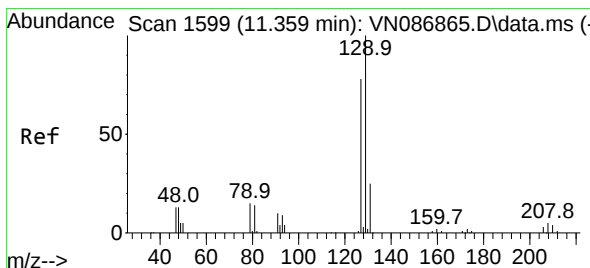
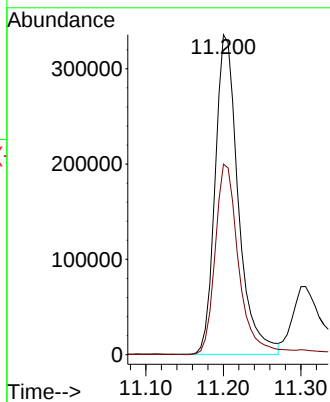
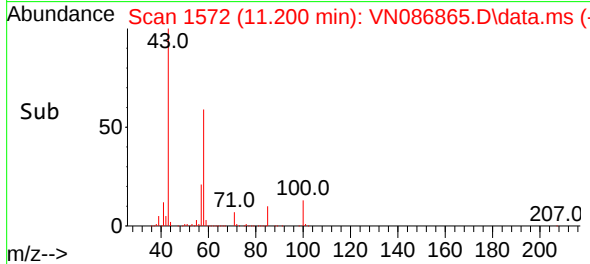
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



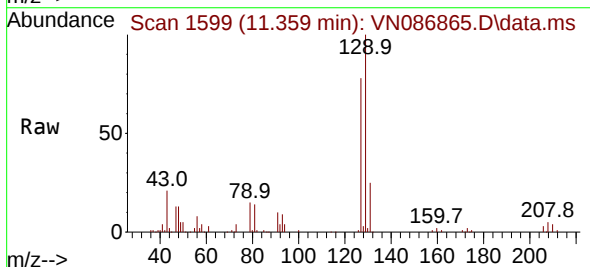
Tgt Ion: 43 Resp: 69656
Ion Ratio Lower Upper
43 100
58 60.9 30.4 91.3

Manual Integrations
APPROVED

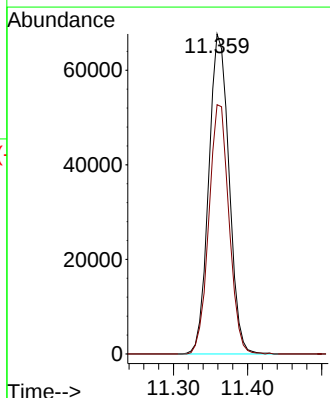
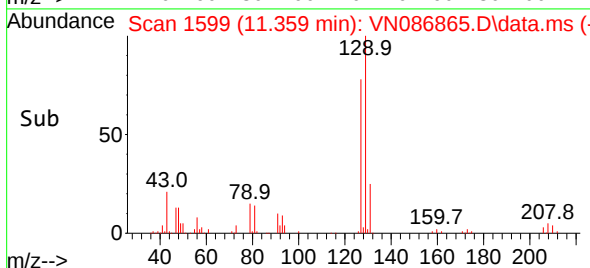
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#60
Dibromochloromethane
Concen: 48.056 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03



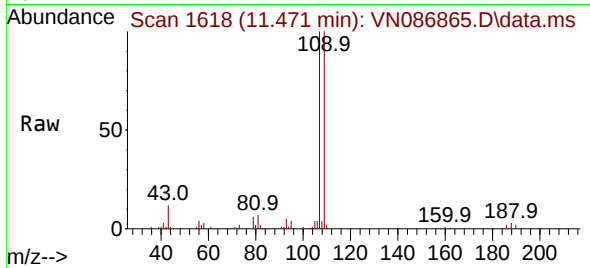
Tgt Ion:129 Resp: 128715
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61
1,2-Dibromoethane
Concen: 47.258 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

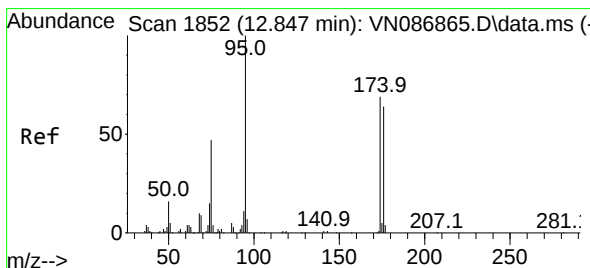
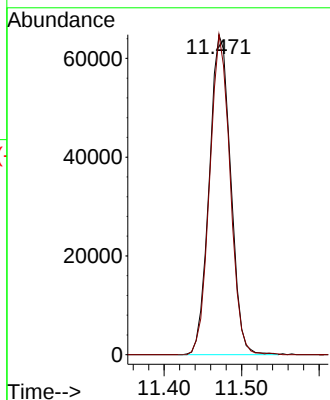
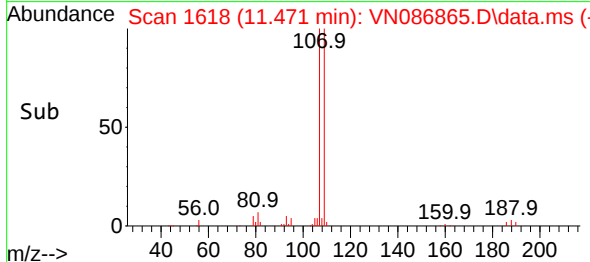
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



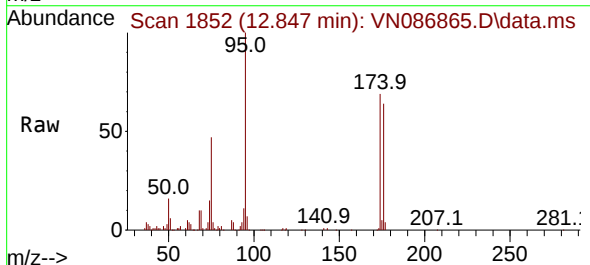
Tgt Ion:107 Resp: 12452
Ion Ratio Lower Upper
107 100
109 95.4 76.3 114.5

Manual Integrations
APPROVED

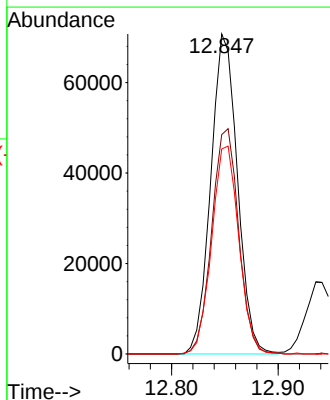
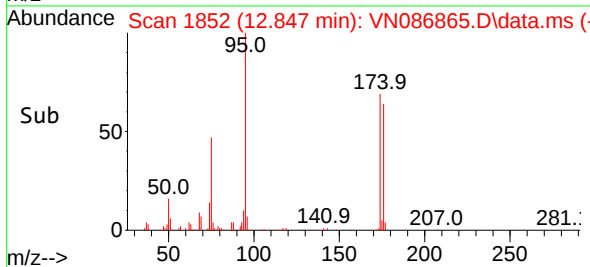
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

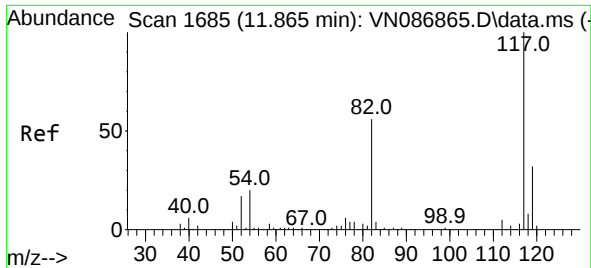


#62
4-Bromofluorobenzene
Concen: 37.264 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03



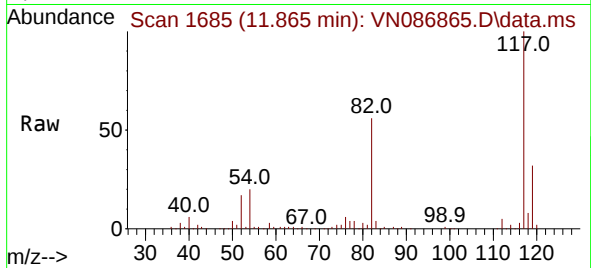
Tgt Ion: 95 Resp: 122965
Ion Ratio Lower Upper
95 100
174 70.9 0.0 141.8
176 66.3 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

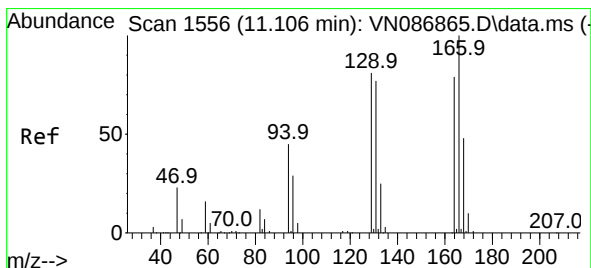
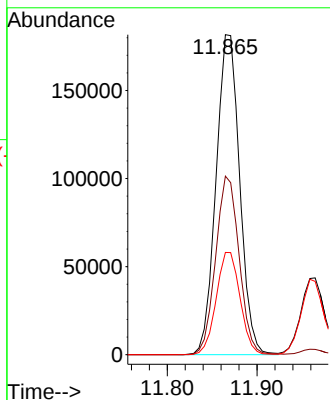
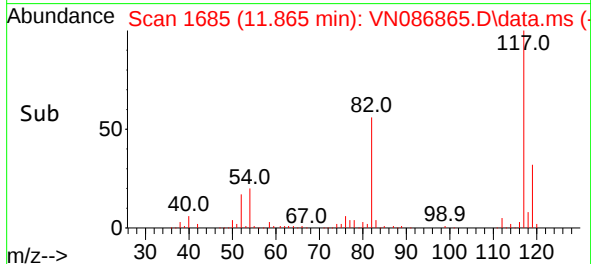
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 332760
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 31.9 25.5 38.3

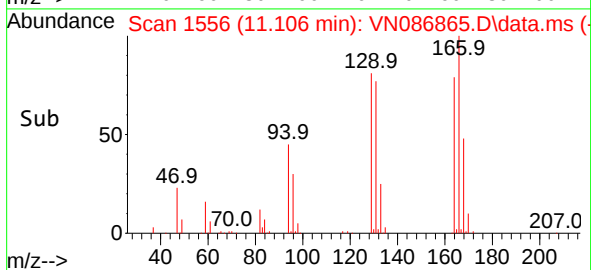
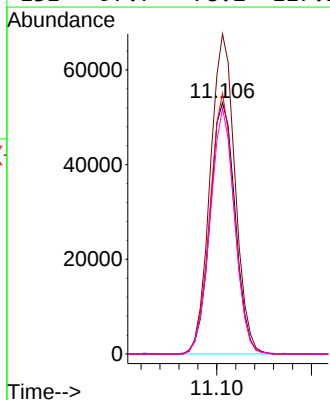
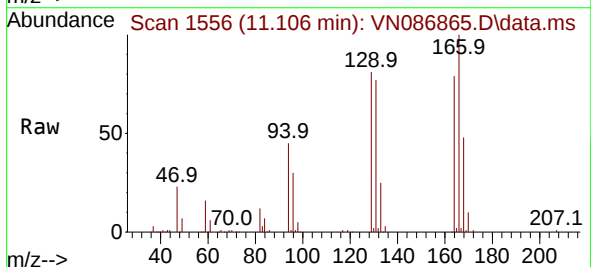
Manual Integrations
APPROVED

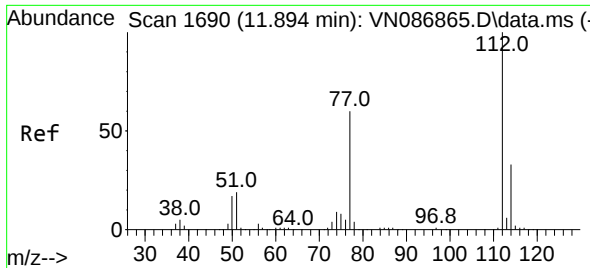
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#64
Tetrachloroethene
Concen: 46.382 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

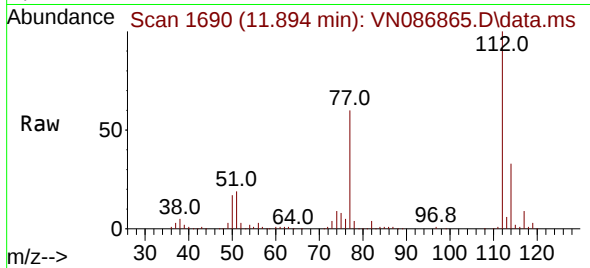
Tgt Ion:164 Resp: 97679
Ion Ratio Lower Upper
164 100
166 127.3 101.8 152.8
129 103.7 83.0 124.4
131 97.7 78.2 117.2





#65
Chlorobenzene
Concen: 46.386 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

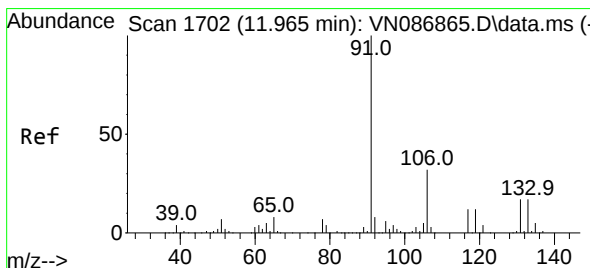
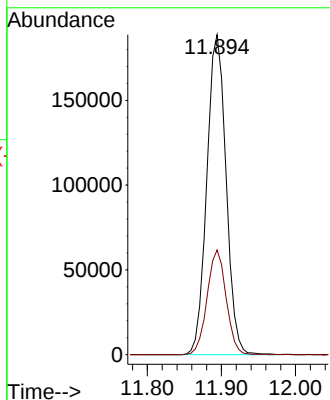
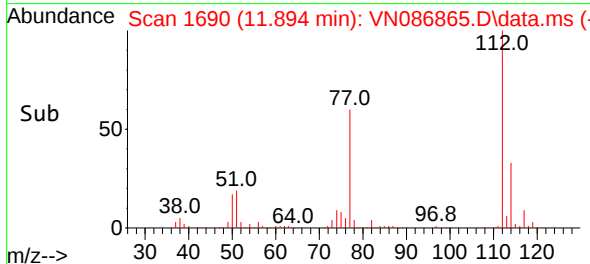
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



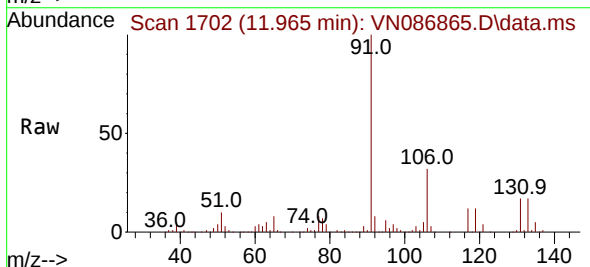
Tgt Ion:112 Resp: 340439
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2

Manual Integrations
APPROVED

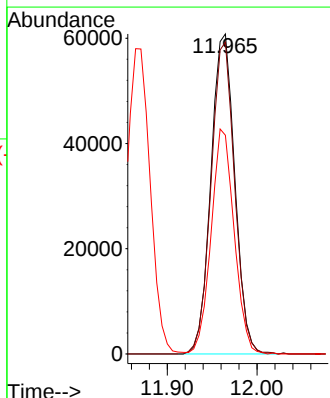
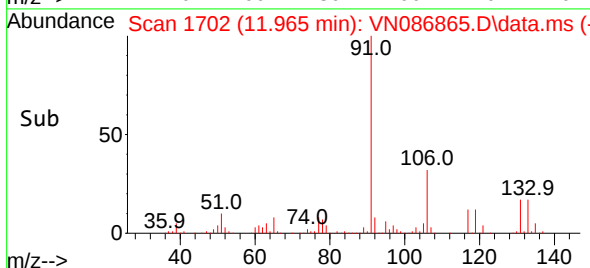
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

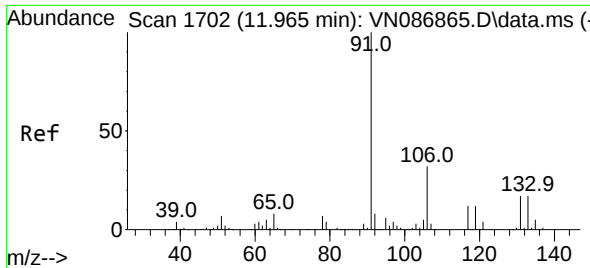


#66
1,1,1,2-Tetrachloroethane
Concen: 47.615 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03



Tgt Ion:131 Resp: 112333
Ion Ratio Lower Upper
131 100
133 96.5 48.3 144.8
119 67.9 34.0 101.8





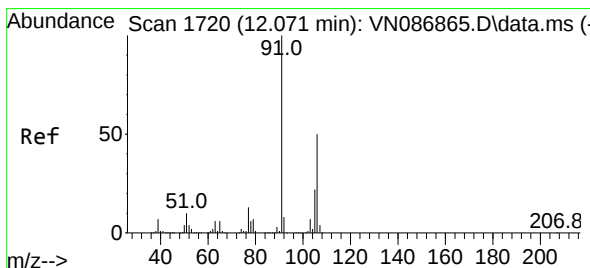
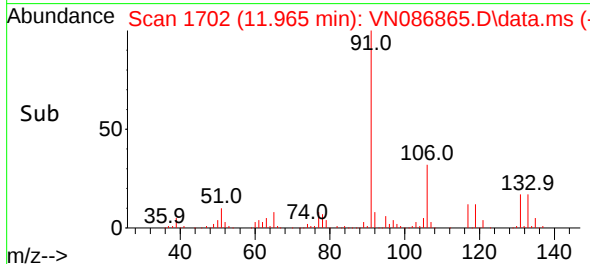
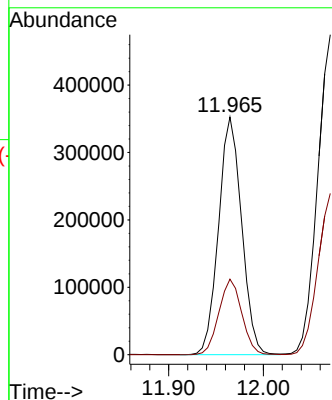
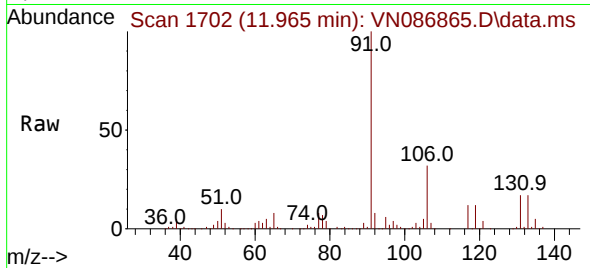
#67
Ethyl Benzene
Concen: 47.271 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 597593
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2

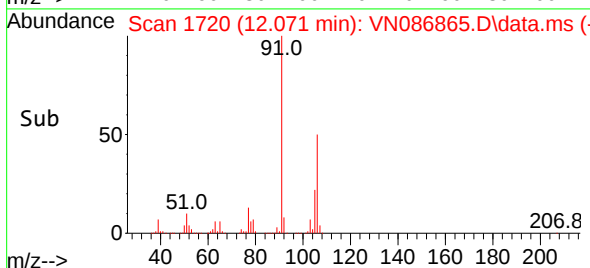
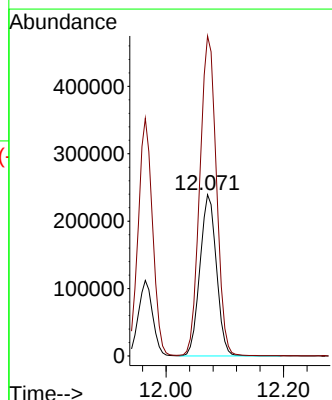
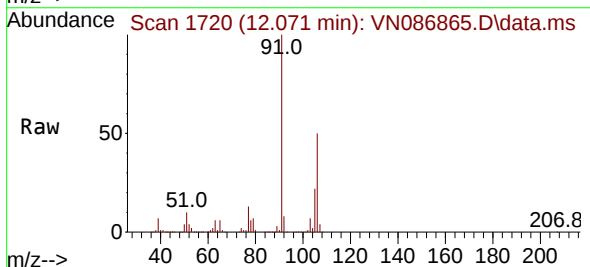
Manual Integrations
APPROVED

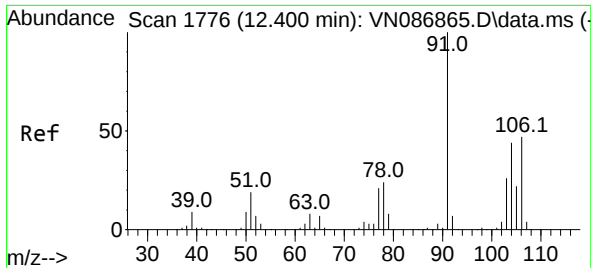
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#68
m/p-Xylenes
Concen: 96.424 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:106 Resp: 466620
Ion Ratio Lower Upper
106 100
91 199.2 159.4 239.0





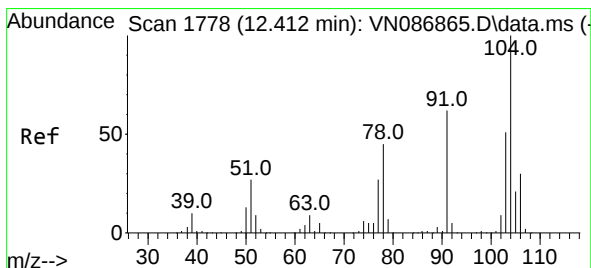
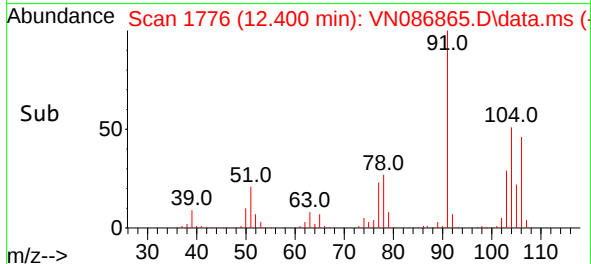
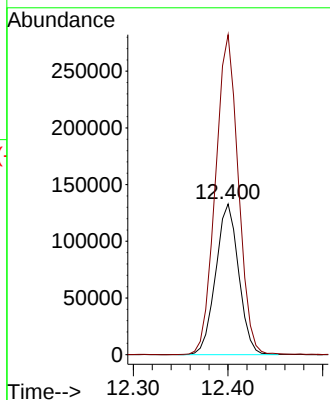
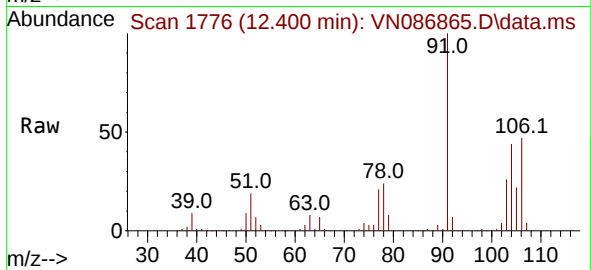
#69
o-Xylene
Concen: 48.395 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 224299
Ion Ratio Lower Upper
106 100
91 212.1 106.1 318.1

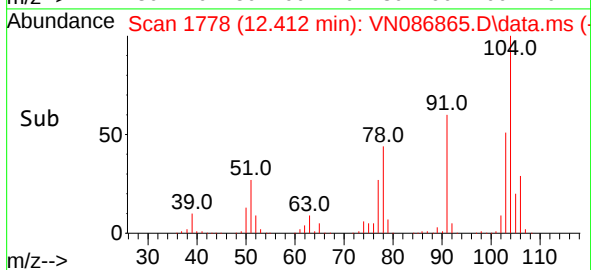
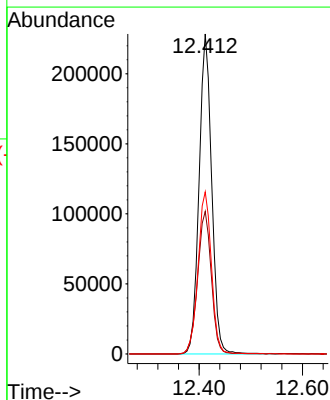
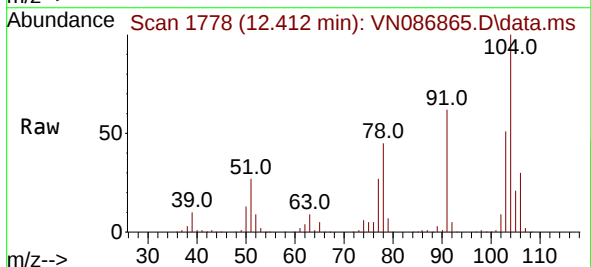
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 48.745 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

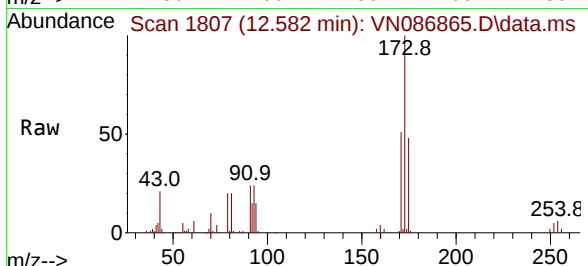
Tgt Ion:104 Resp: 386596
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 53.9 43.1 64.7





#71
Bromoform
Concen: 50.415 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

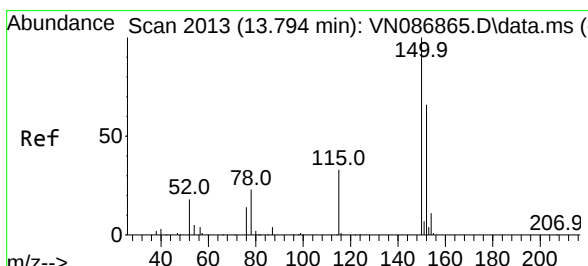
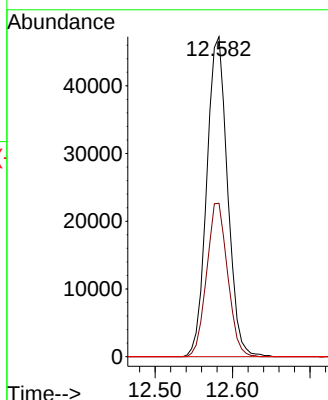
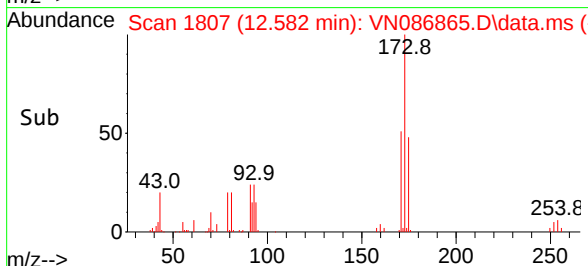
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



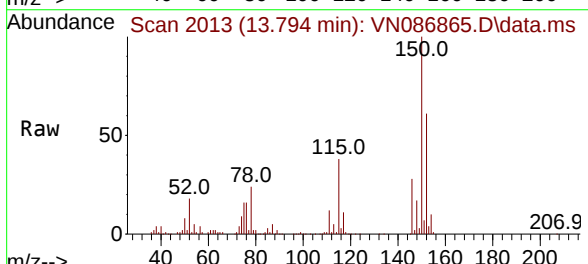
Tgt Ion:173 Resp: 8812
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

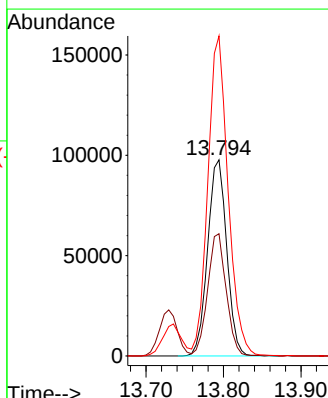
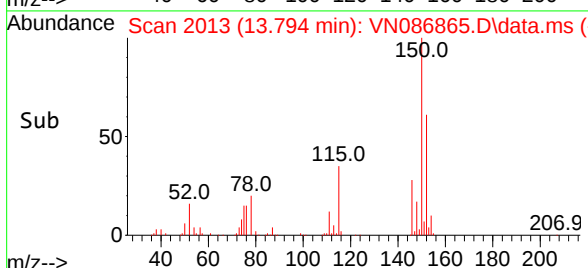
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

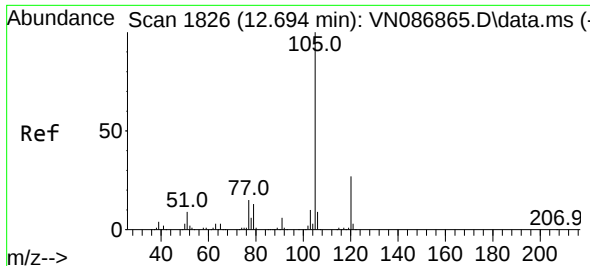


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03



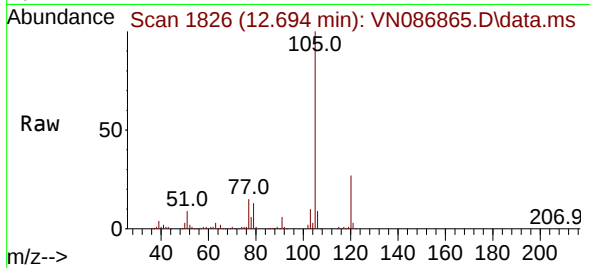
Tgt Ion:152 Resp: 167532
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.5
150 172.5 0.0 345.0





#73
Isopropylbenzene
Concen: 47.023 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

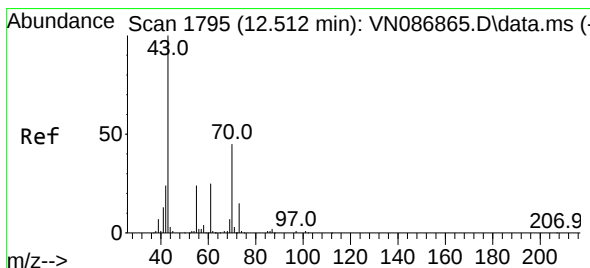
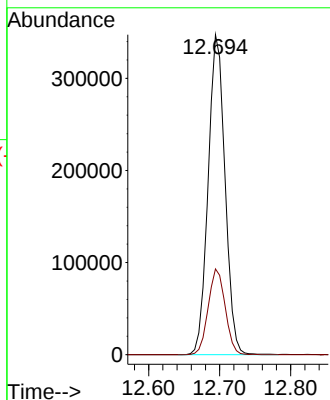
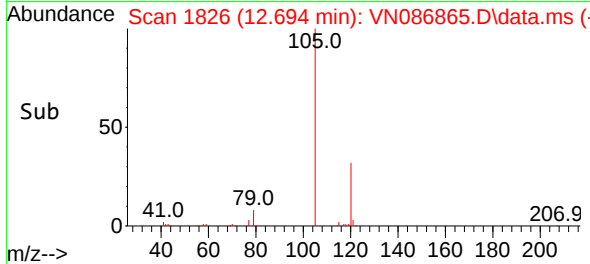
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 57390
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

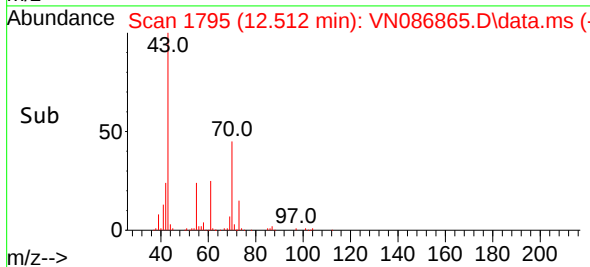
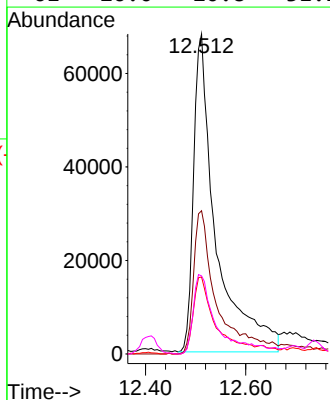
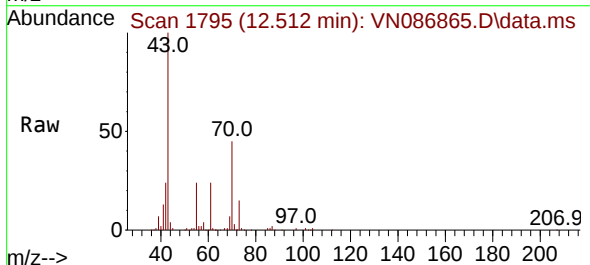
Manual Integrations
APPROVED

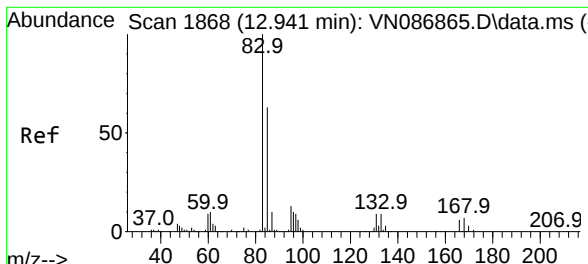
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#74
N-ethyl acetate
Concen: 52.353 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

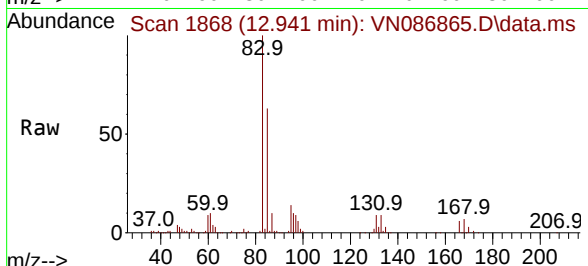
Tgt Ion: 43 Resp: 212064
Ion Ratio Lower Upper
43 100
70 47.0 37.6 56.4
55 23.8 19.0 28.6
61 26.0 20.8 31.2





#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.732 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN086865.D
 Acq: 06 Jun 2025 14:03

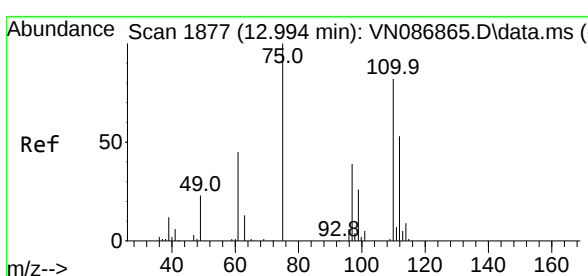
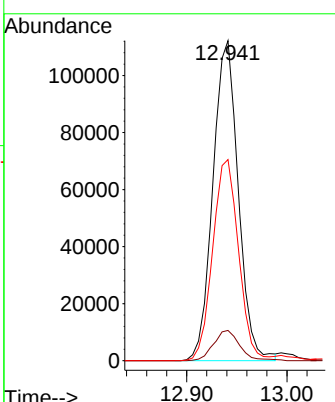
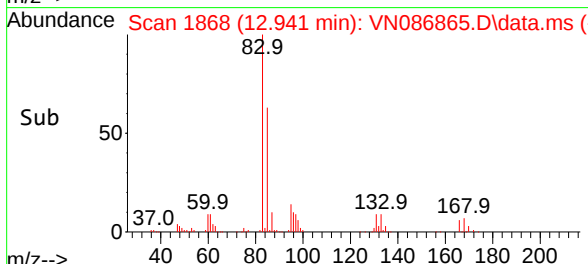
Instrument : MSVOA_N
 ClientSampleId : VSTDICCC050



Tgt Ion: 83 Resp: 197360

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	64.0	32.0	96.0

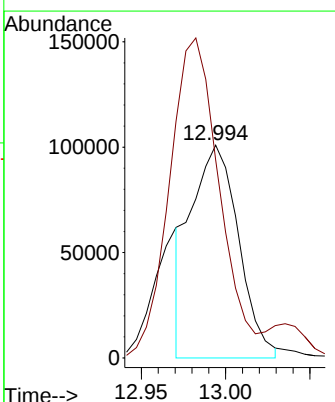
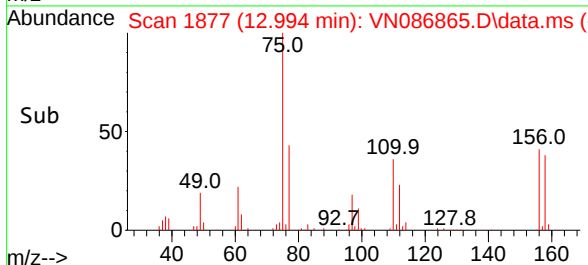
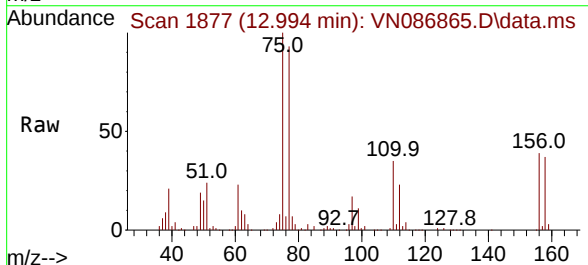
Manual Integrations
APPROVED
 Reviewed By :John Carlone 06/09/2025
 Supervised By :Mahesh Dadoda 06/09/2025

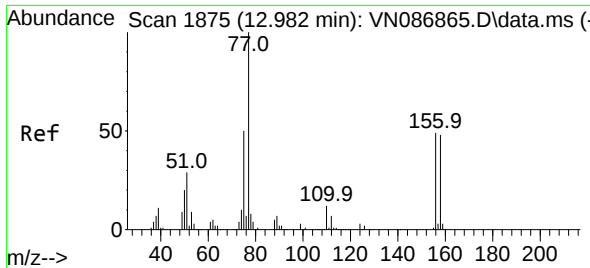


#76
 1,2,3-Trichloropropane
 Concen: 49.183 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN086865.D
 Acq: 06 Jun 2025 14:03

Tgt Ion: 75 Resp: 196473

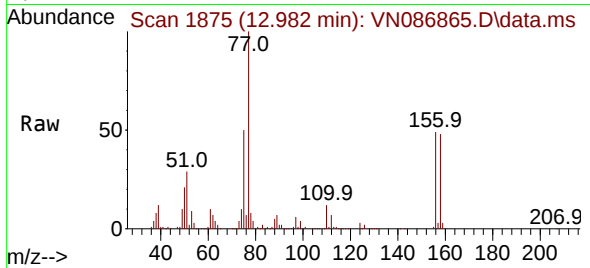
Ion	Ratio	Lower	Upper
75	100		
77	158.6	79.3	237.9





#77
Bromobenzene
Concen: 47.296 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

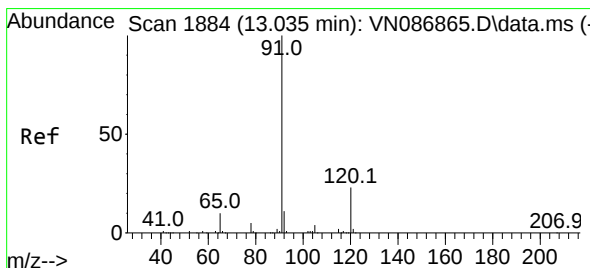
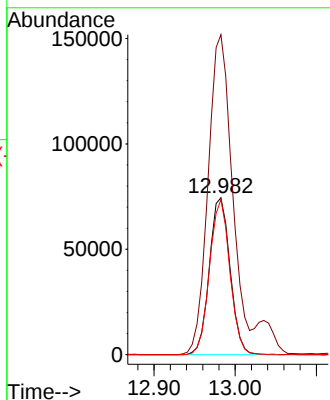
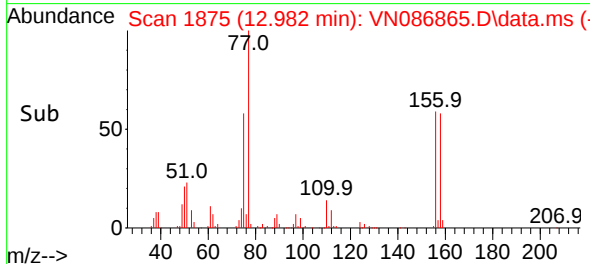
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



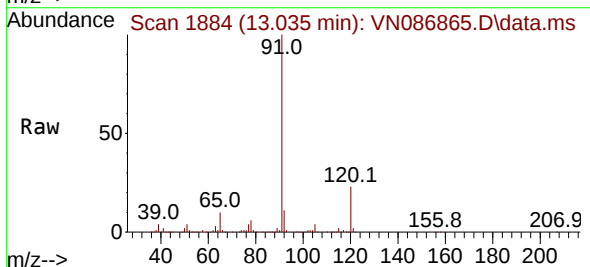
Tgt Ion:156 Resp: 13238
Ion Ratio Lower Upper
156 100
77 235.4 117.7 353.1
158 96.3 48.1 144.4

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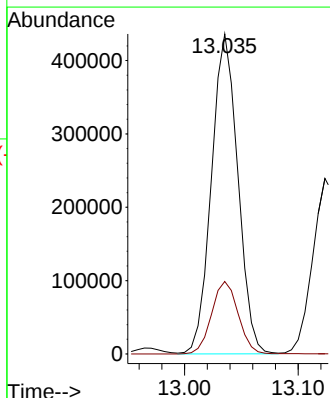
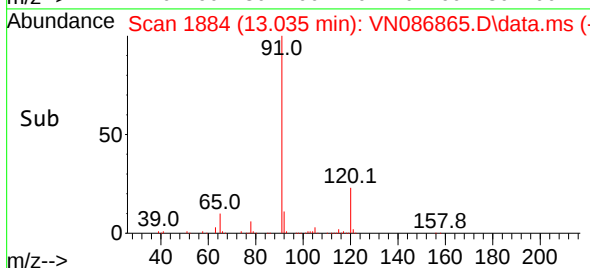
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

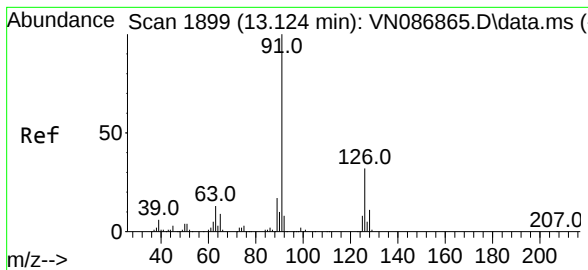


#78
n-propylbenzene
Concen: 47.567 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03



Tgt Ion: 91 Resp: 705524
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.2





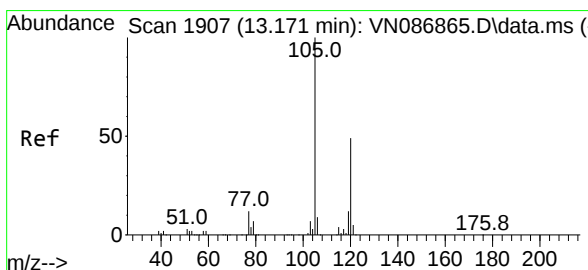
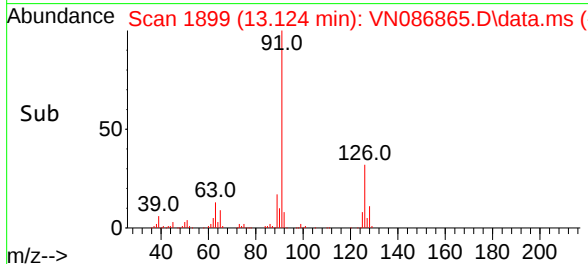
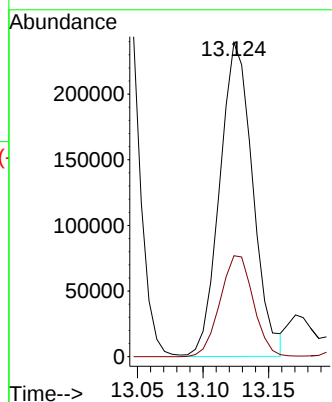
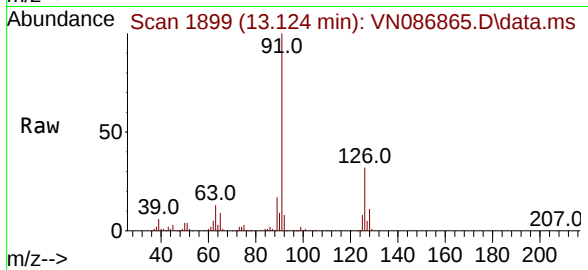
#79
2-Chlorotoluene
Concen: 47.216 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 419980
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.5

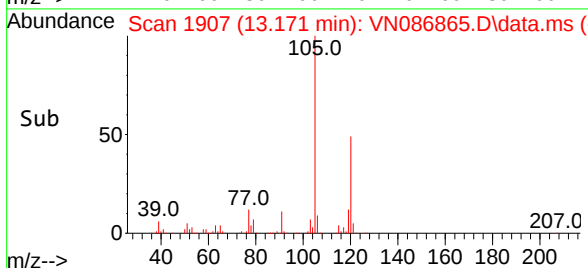
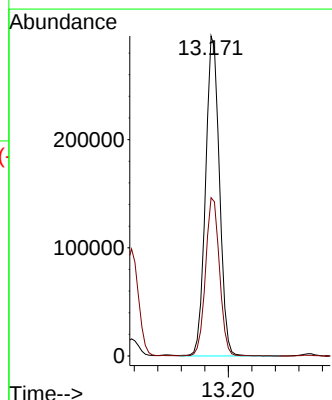
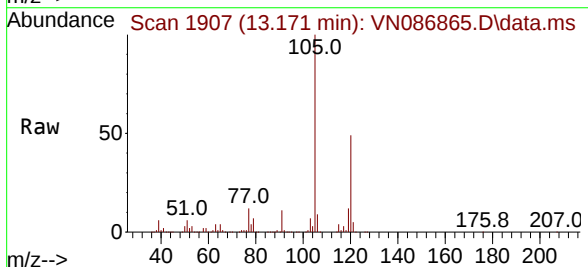
Manual Integrations
APPROVED

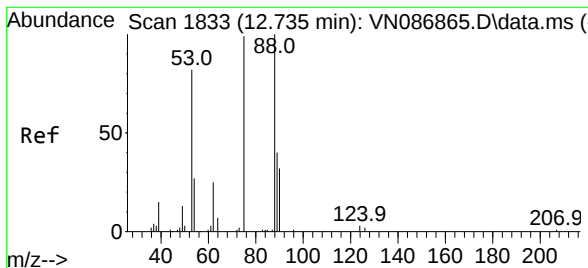
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.181 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

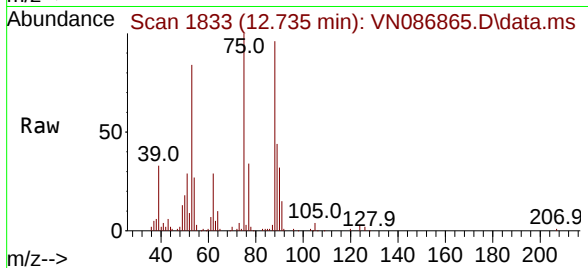
Tgt Ion:105 Resp: 485499
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.089 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

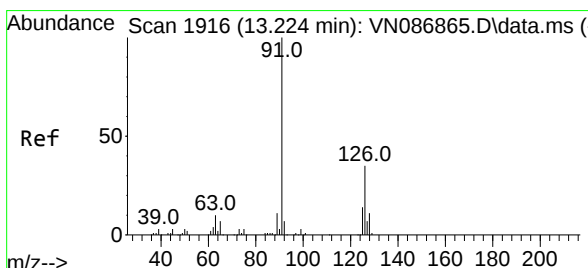
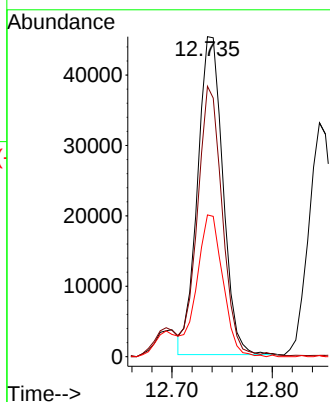
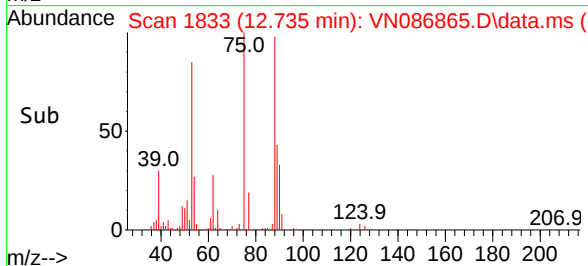
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 79732
Ion Ratio Lower Upper
75 100
53 83.2 66.6 99.8
89 45.9 36.7 55.1

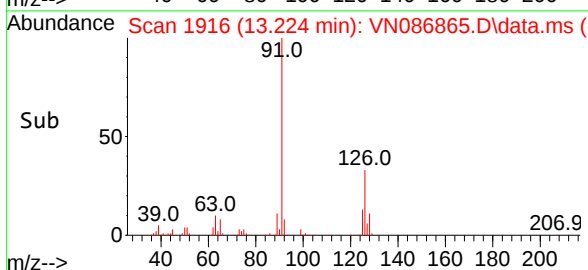
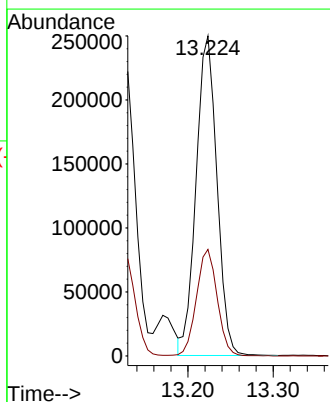
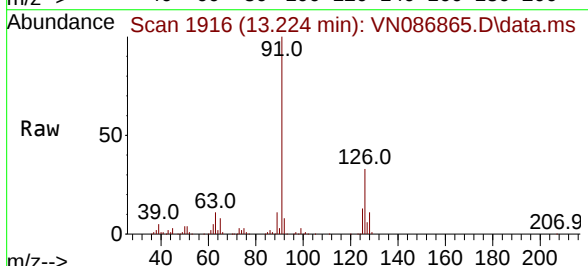
Manual Integrations
APPROVED

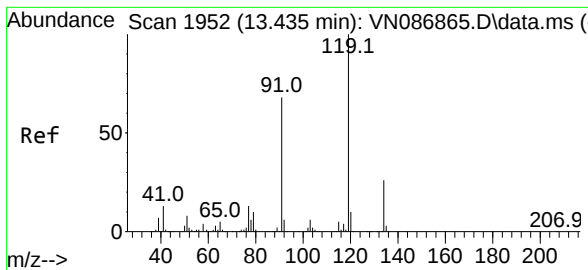
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#82
4-Chlorotoluene
Concen: 47.117 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 91 Resp: 424066
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.1





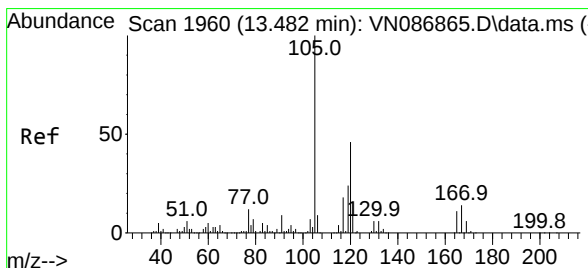
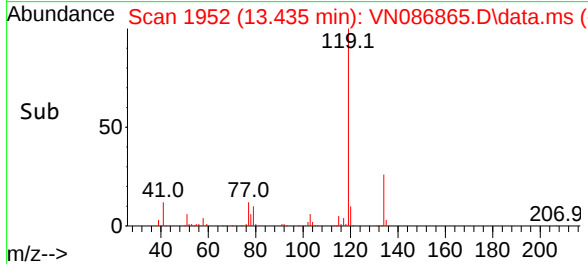
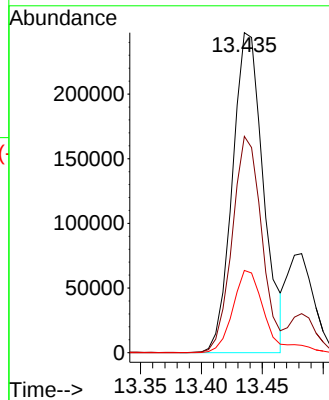
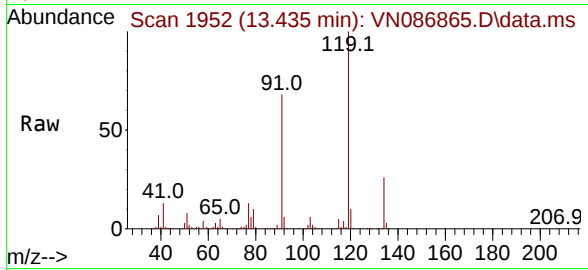
#83
tert-Butylbenzene
Concen: 47.531 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 43841
Ion Ratio Lower Upper
119 100
91 64.3 32.1 96.5
134 26.7 13.4 40.1

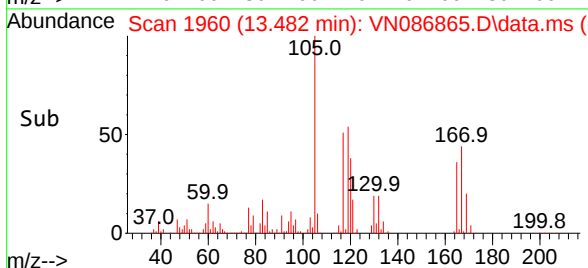
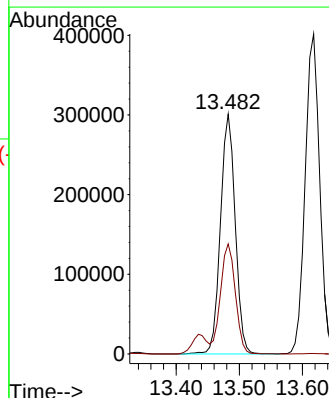
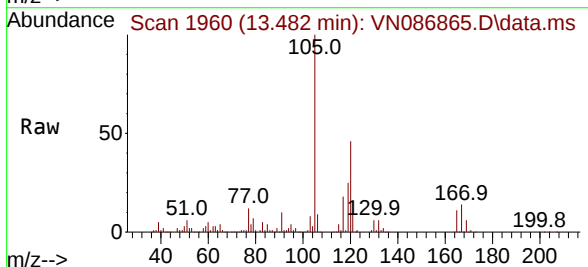
Manual Integrations
APPROVED

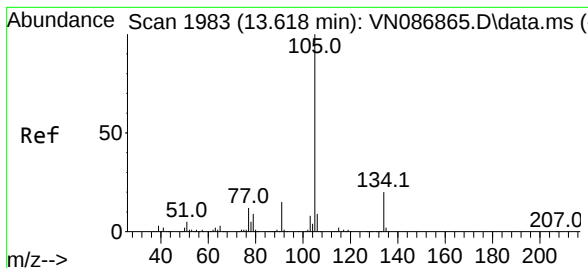
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#84
1,2,4-Trimethylbenzene
Concen: 48.314 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:105 Resp: 488189
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





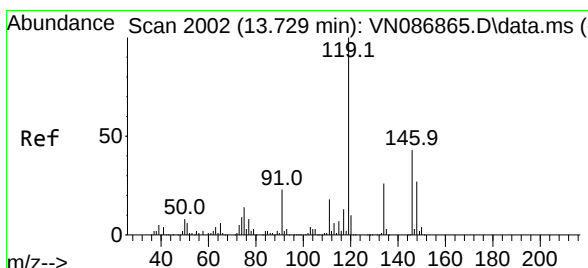
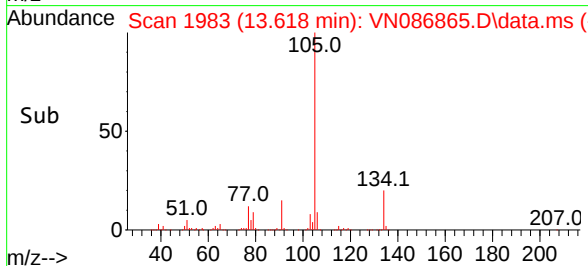
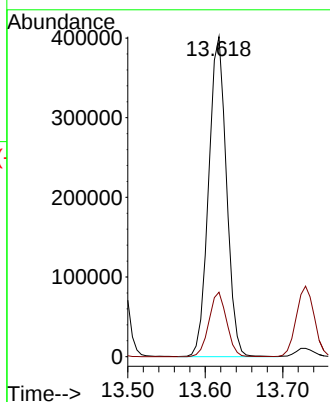
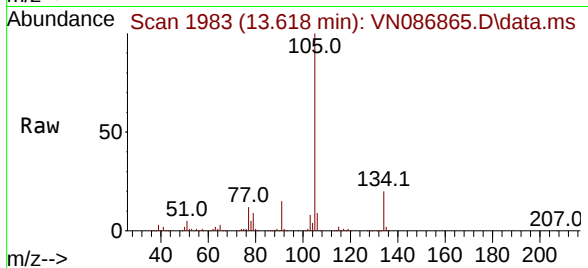
#85
 sec-Butylbenzene
 Concen: 47.893 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN086865.D
 Acq: 06 Jun 2025 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 641523
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0

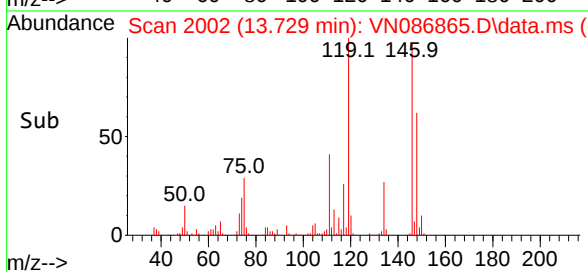
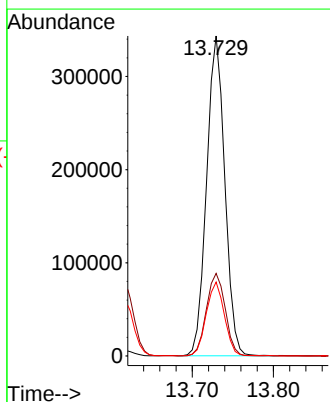
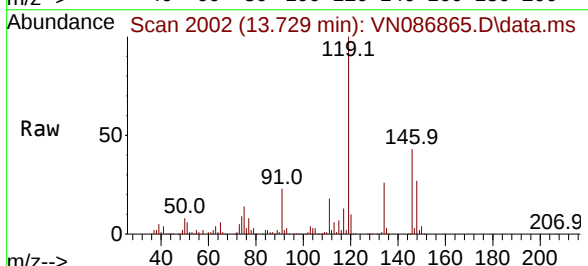
Manual Integrations
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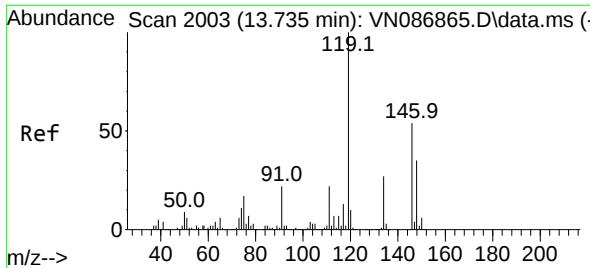
Reviewed By :John Carlone 06/09/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#86
 p-Isopropyltoluene
 Concen: 48.169 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN086865.D
 Acq: 06 Jun 2025 14:03

Tgt Ion:119 Resp: 533366
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 22.9 11.5 34.4





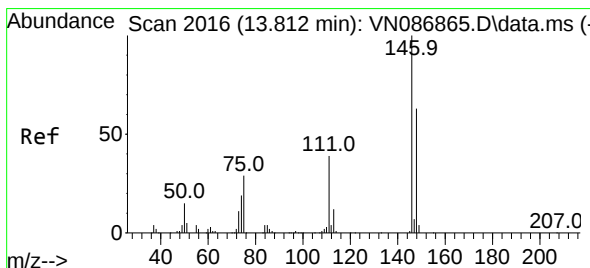
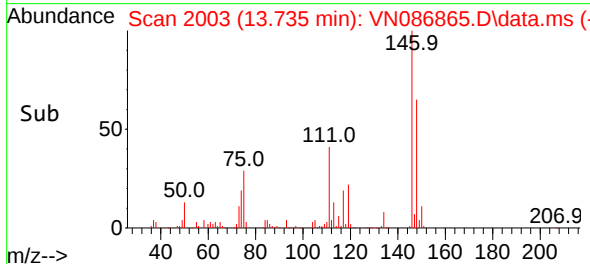
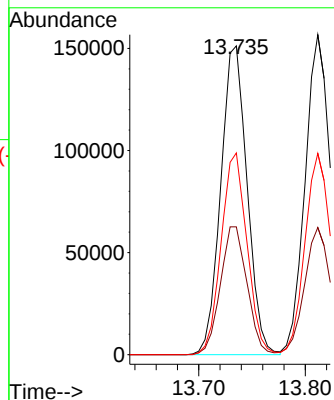
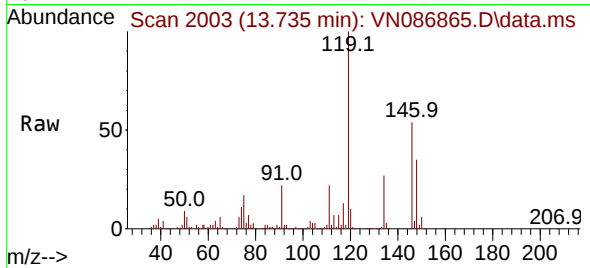
#87
 1,3-Dichlorobenzene
 Concen: 47.269 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN086865.D
 Acq: 06 Jun 2025 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 260310
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.9 62.8
 148 64.1 32.0 96.2

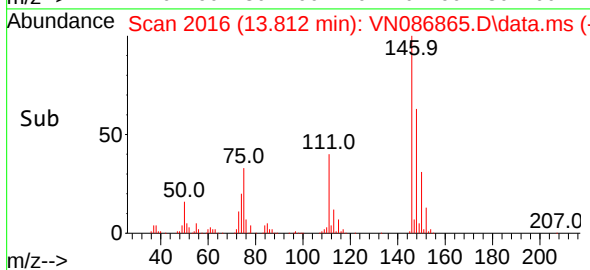
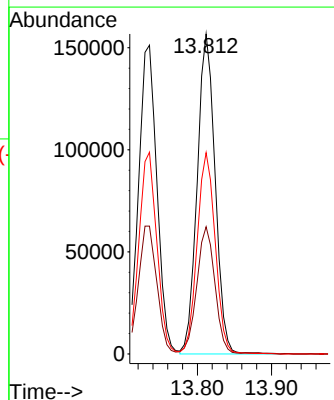
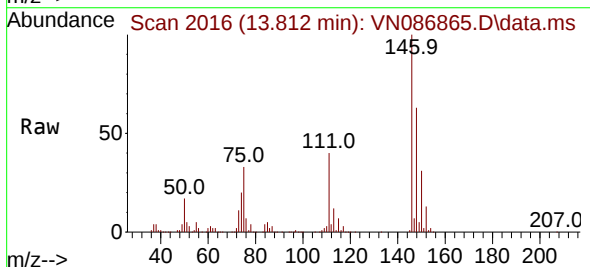
Manual Integrations
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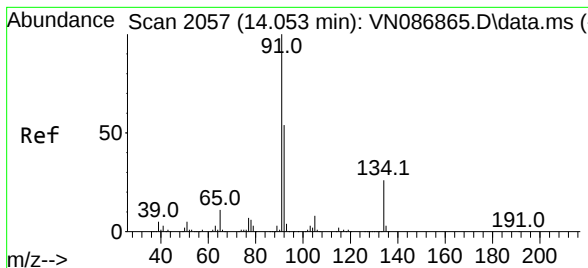
Reviewed By :John Carlone 06/09/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#88
 1,4-Dichlorobenzene
 Concen: 46.907 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN086865.D
 Acq: 06 Jun 2025 14:03

Tgt Ion:146 Resp: 263358
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.7
 148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 47.787 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086865.D

Acq: 06 Jun 2025 14:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

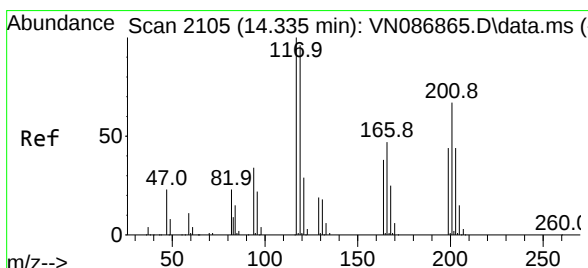
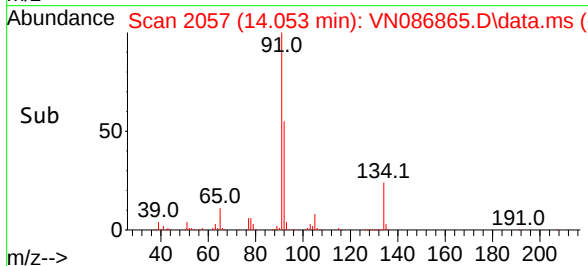
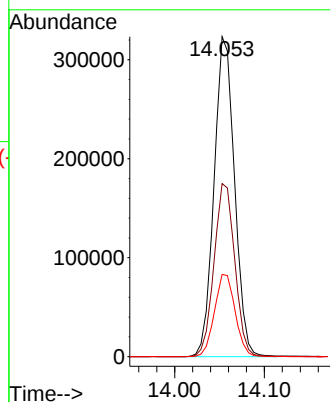
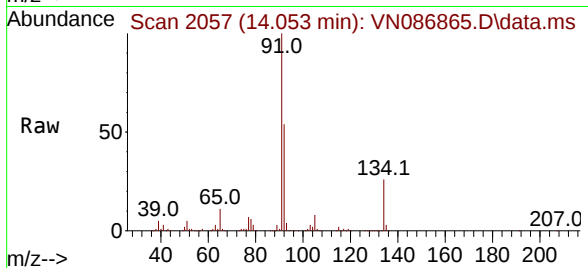
Tgt Ion:	91	Resp:	512519
Ion Ratio	Lower	Upper	
91	100		
92	54.9	27.5	82.4
134	26.0	13.0	39.0

Manual Integrations

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Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#90

Hexachloroethane

Concen: 47.896 ug/l

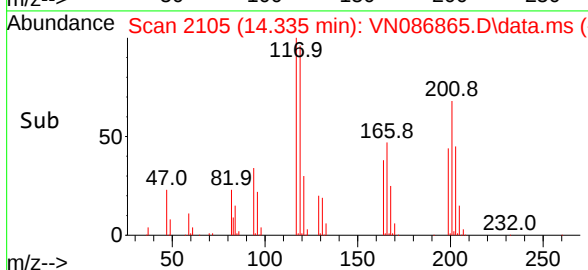
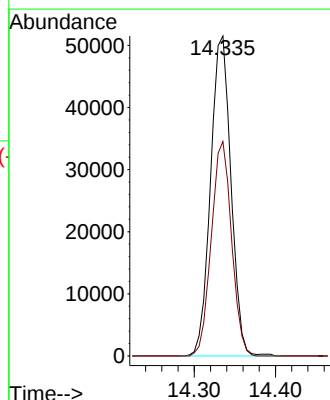
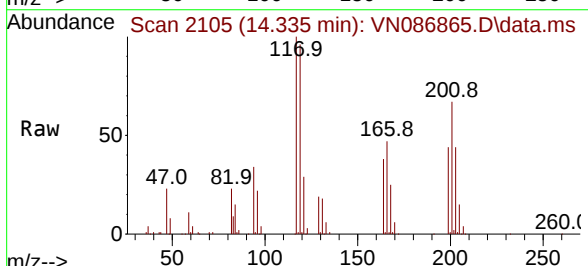
RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN086865.D

Acq: 06 Jun 2025 14:03

Tgt Ion:	117	Resp:	89896
Ion Ratio	Lower	Upper	
117	100		
201	66.4	33.2	99.6





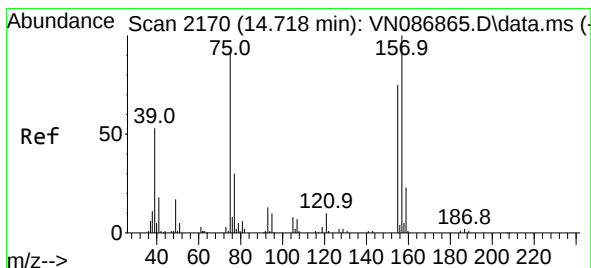
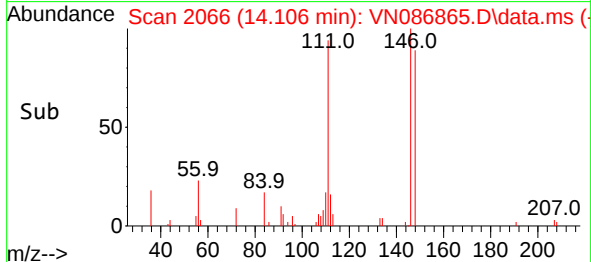
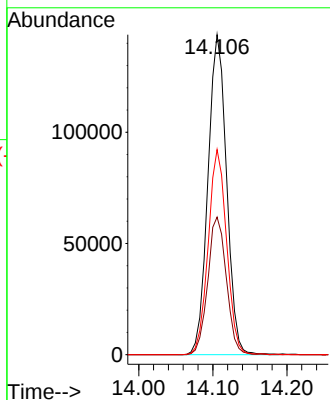
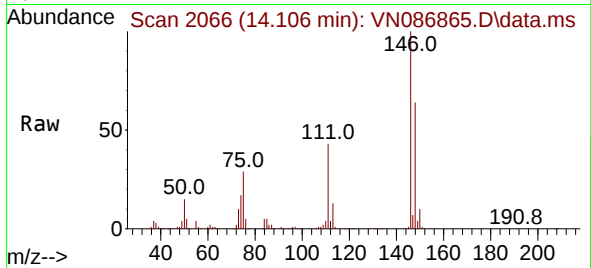
#91
1,2-Dichlorobenzene
Concen: 47.486 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 251235
Ion Ratio Lower Upper
146 100
111 43.1 21.6 64.6
148 63.4 31.7 95.1

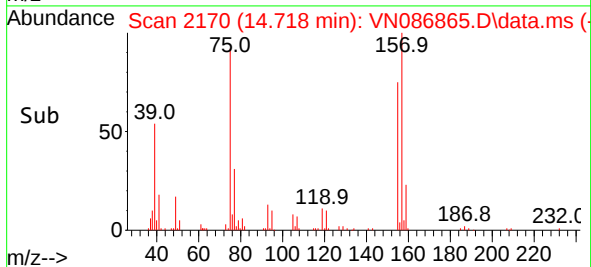
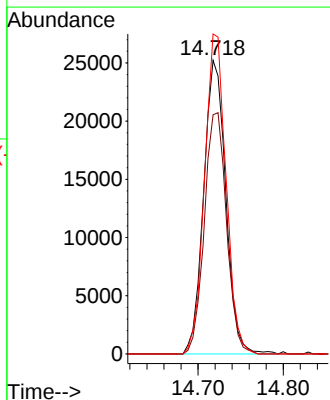
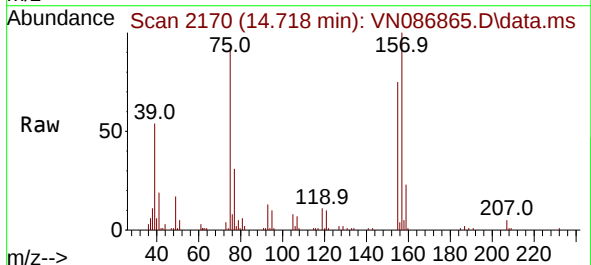
Manual Integrations
APPROVED

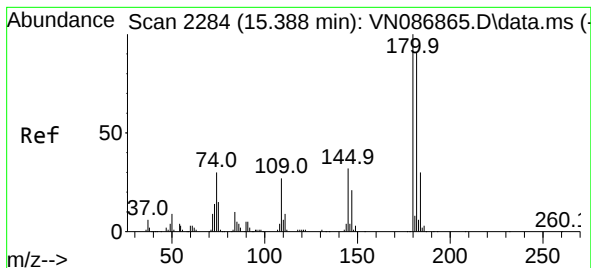
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.049 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 75 Resp: 45535
Ion Ratio Lower Upper
75 100
155 82.3 41.1 123.4
157 105.4 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 48.061 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086865.D

Acq: 06 Jun 2025 14:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 162374

Ion Ratio Lower Upper

180 100

182 93.8 46.9 140.7

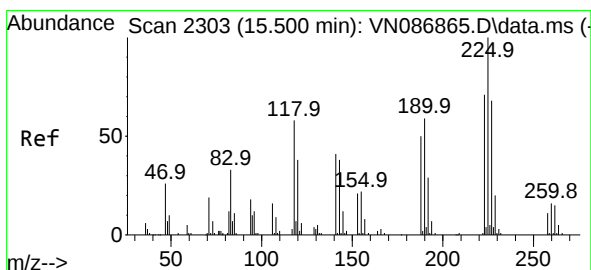
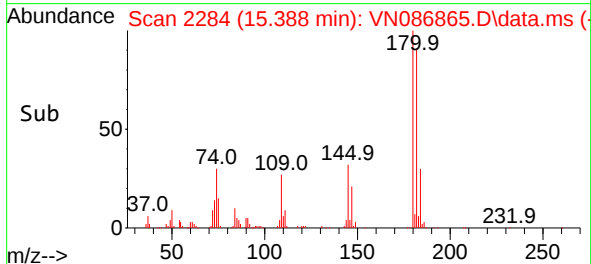
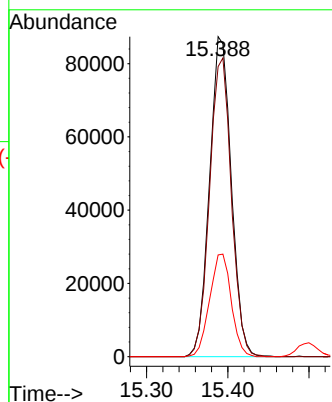
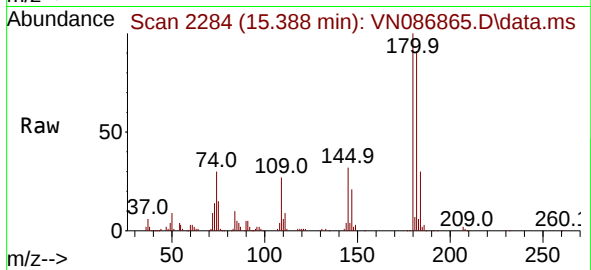
145 31.9 16.0 47.9

Manual Integrations

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Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#94

Hexachlorobutadiene

Concen: 48.356 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN086865.D

Acq: 06 Jun 2025 14:03

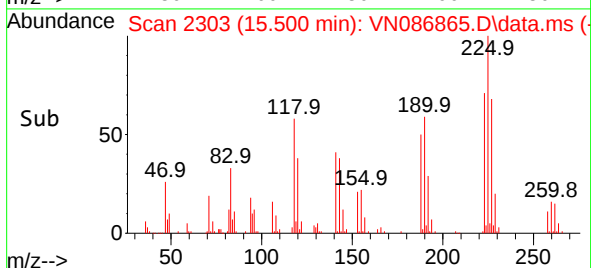
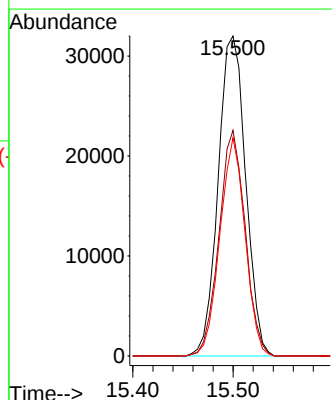
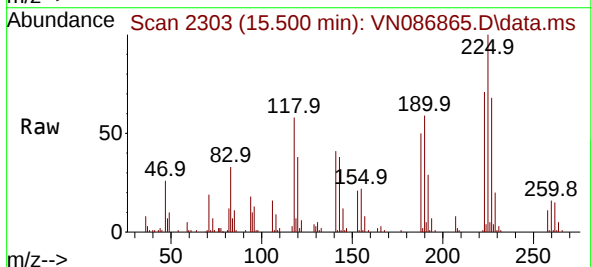
Tgt Ion:225 Resp: 60866

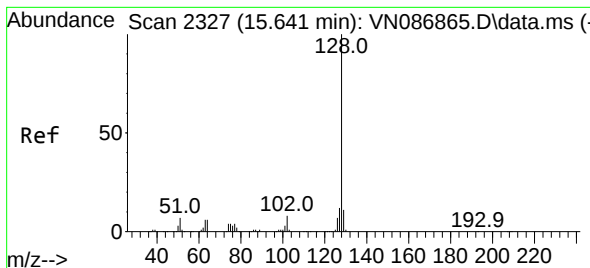
Ion Ratio Lower Upper

225 100

223 66.9 33.5 100.4

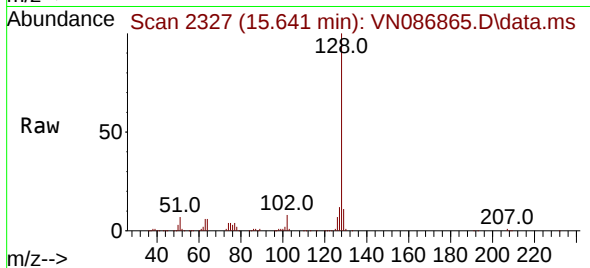
227 62.3 31.1 93.5





#95
Naphthalene
Concen: 47.958 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

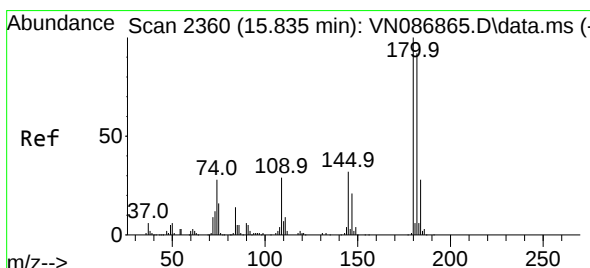
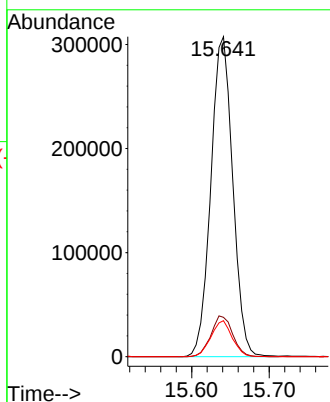
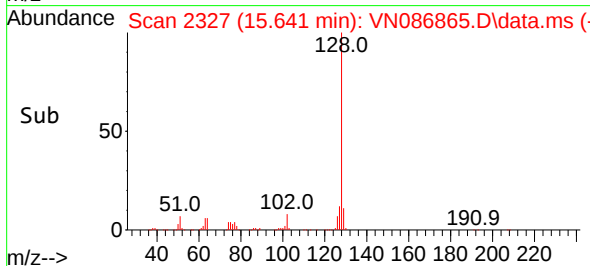
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



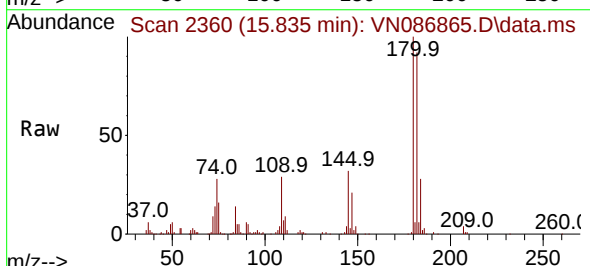
Tgt Ion:128 Resp: 603088
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.402 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03



Tgt Ion:180 Resp: 159113
Ion Ratio Lower Upper
180 100
182 94.0 47.0 141.0
145 33.2 16.6 49.8

