

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
 Data File : VN087120.D
 Acq On : 19 Jun 2025 18:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 20 01:31:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/20/2025
 Supervised By : Mahesh Dadoda 06/21/2025

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	171846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	306033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	106748	46.395	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.800%		
35) Dibromofluoromethane	8.171	113	94646	52.186	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.380%		
50) Toluene-d8	10.565	98	354172	49.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.660%		
62) 4-Bromofluorobenzene	12.847	95	134875	50.563	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.120%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.153	85	82875	48.368	ug/l	100
3) Chloromethane	2.395	50	90383	40.850	ug/l	97
4) Vinyl Chloride	2.553	62	116257	50.937	ug/l	98
5) Bromomethane	2.989	94	64801	50.735	ug/l	100
6) Chloroethane	3.153	64	74345	50.428	ug/l	92
7) Trichlorofluoromethane	3.524	101	151601	50.839	ug/l	99
8) Diethyl Ether	3.983	74	65083	50.093	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.394	101	93038	49.660	ug/l	99
10) Methyl Iodide	4.612	142	82959	34.158	ug/l	98
11) Tert butyl alcohol	5.536	59	137131	219.653	ug/l	99
12) 1,1-Dichloroethene	4.371	96	97574	51.014	ug/l	90
13) Acrolein	4.200	56	42652	215.834	ug/l	98
14) Allyl chloride	5.047	41	138488	43.658	ug/l	96
15) Acrylonitrile	5.736	53	336803	230.809	ug/l	100
16) Acetone	4.447	43	251966	206.505	ug/l	95
17) Carbon Disulfide	4.742	76	272197	51.448	ug/l	98
18) Methyl Acetate	5.042	43	150668	42.374	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	333883	48.211	ug/l	98
20) Methylene Chloride	5.300	84	109053	47.740	ug/l	92
21) trans-1,2-Dichloroethene	5.806	96	103590	48.679	ug/l	94
22) Diisopropyl ether	6.683	45	302028	45.170	ug/l	97
23) Vinyl Acetate	6.618	43	1308153	231.557	ug/l	97
24) 1,1-Dichloroethane	6.583	63	186312	48.418	ug/l	99
25) 2-Butanone	7.488	43	420559	212.049	ug/l	95
26) 2,2-Dichloropropane	7.500	77	150789	50.377	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	125637	49.366	ug/l	98
28) Bromochloromethane	7.824	49	80614	42.609	ug/l	91
29) Tetrahydrofuran	7.847	42	279595	216.407	ug/l	94
30) Chloroform	7.971	83	183860	47.846	ug/l	94
31) Cyclohexane	8.265	56	166407	44.593	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	157349	48.143	ug/l	98
36) 1,1-Dichloropropene	8.382	75	137000	50.694	ug/l	99
37) Ethyl Acetate	7.571	43	157538	45.793	ug/l	98
38) Carbon Tetrachloride	8.371	117	133489	50.312	ug/l	96
39) Methylcyclohexane	9.606	83	163439	44.143	ug/l	96
40) Benzene	8.612	78	439499	49.733	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	82321	42.608	ug/l	90
42) 1,2-Dichloroethane	8.671	62	129038	48.141	ug/l	98
43) Isopropyl Acetate	8.694	43	243496	44.098	ug/l	96
44) Trichloroethene	9.353	130	107576	51.338	ug/l	98
45) 1,2-Dichloropropane	9.624	63	107860	50.168	ug/l	99
46) Dibromomethane	9.712	93	73457	51.439	ug/l	99
47) Bromodichloromethane	9.888	83	145562	49.542	ug/l	98
48) Methyl methacrylate	9.682	41	111561	43.897	ug/l	95
49) 1,4-Dioxane	9.706	88	47393	1025.069	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	766458	230.578	ug/l	97
52) Toluene	10.629	92	272681	50.490	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	165272	50.304	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	175866	50.028	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	102325	49.240	ug/l	97
56) Ethyl methacrylate	10.882	69	168508	50.911	ug/l	94
57) 1,3-Dichloropropane	11.165	76	178447	49.502	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	444423	225.119	ug/l	99
59) 2-Hexanone	11.200	43	498716	232.920	ug/l	93
60) Dibromochloromethane	11.359	129	114404	52.840	ug/l	99
61) 1,2-Dibromoethane	11.470	107	107761	50.592	ug/l	99
64) Tetrachloroethene	11.106	164	84024	49.473	ug/l	97
65) Chlorobenzene	11.888	112	298669	50.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	98738	51.897	ug/l	98
67) Ethyl Benzene	11.965	91	498126	48.860	ug/l	98
68) m/p-Xylenes	12.070	106	402639	103.171	ug/l	96
69) o-Xylene	12.394	106	194516	52.041	ug/l	95
70) Styrene	12.412	104	327523	51.208	ug/l	99
71) Bromoform	12.576	173	75851	53.806	ug/l #	99
73) Isopropylbenzene	12.694	105	476017	47.874	ug/l	100
74) N-amyl acetate	12.518	43	161016m	46.341	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	160726	47.714	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	155878m	48.046	ug/l	
77) Bromobenzene	12.976	156	116672	51.165	ug/l	94
78) n-propylbenzene	13.035	91	563557	46.638	ug/l	99
79) 2-Chlorotoluene	13.123	91	336805	46.477	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	392465	47.807	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	68115	48.329	ug/l	88
82) 4-Chlorotoluene	13.217	91	347235	47.356	ug/l	98
83) tert-Butylbenzene	13.435	119	338090	44.991	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	398780	48.443	ug/l	100
85) sec-Butylbenzene	13.612	105	486035	44.538	ug/l	100
86) p-Isopropyltoluene	13.729	119	408834	45.321	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	223232	49.757	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	227638	49.767	ug/l	100
89) n-Butylbenzene	14.053	91	358266	41.002	ug/l	99
90) Hexachloroethane	14.329	117	71475	46.744	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	209913	48.700	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36024	44.717	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	122224	44.406	ug/l	100
94) Hexachlorobutadiene	15.494	225	39636	38.652	ug/l	98
95) Naphthalene	15.635	128	475760	46.438	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	116780	42.704	ug/l	99

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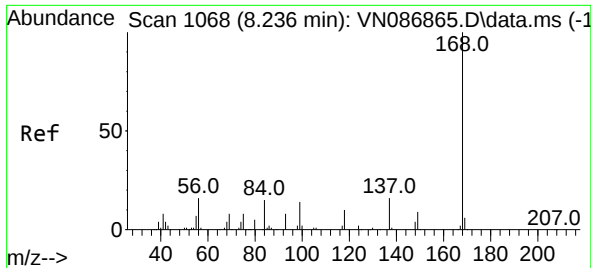
Manual Integrations
APPROVED

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Quant Time: Jun 20 01:31:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

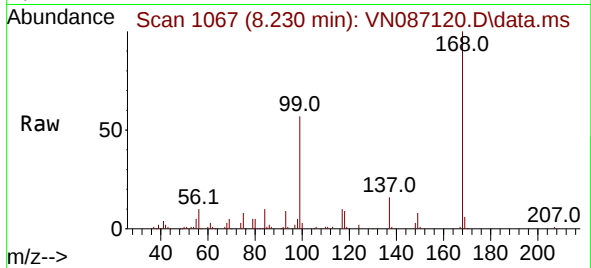
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087120.D
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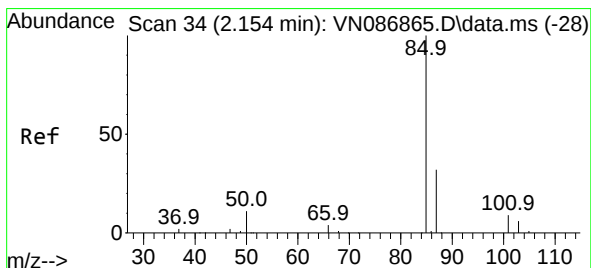
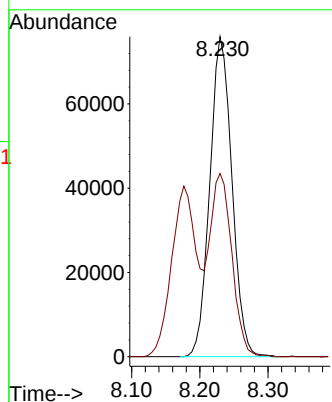
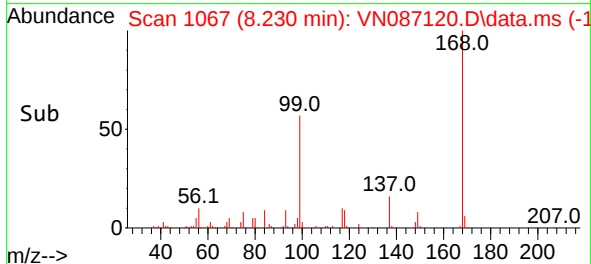
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 171840
Ion Ratio Lower Upper
168 100
99 57.2 49.1 73.7

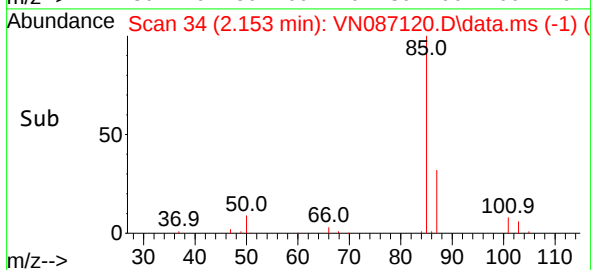
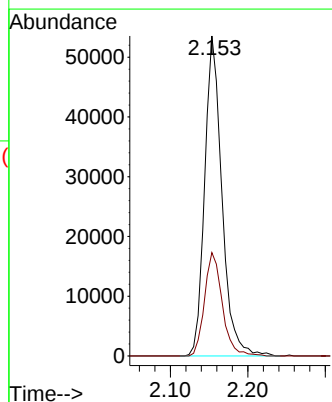
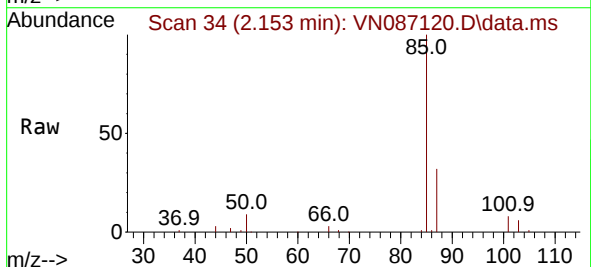
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#2
Dichlorodifluoromethane
Concen: 48.368 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

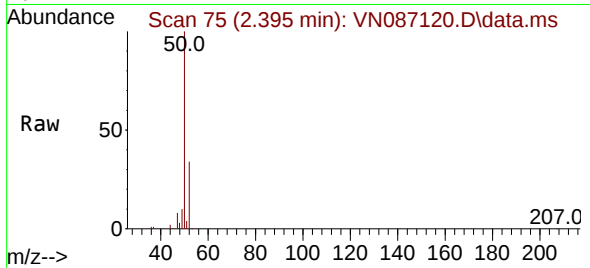
Tgt Ion: 85 Resp: 82875
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6





#3
Chloromethane
Concen: 40.850 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

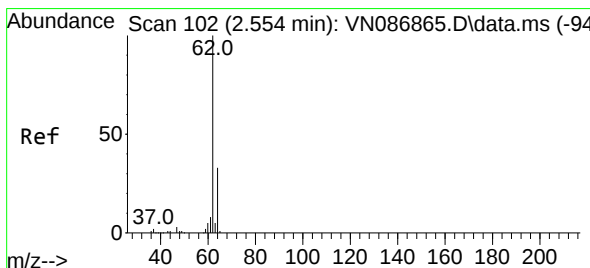
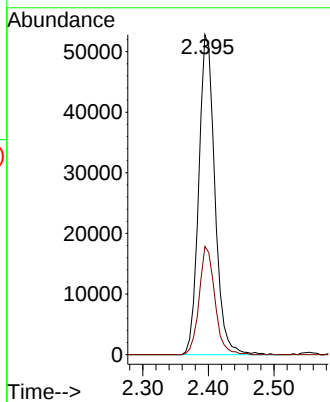
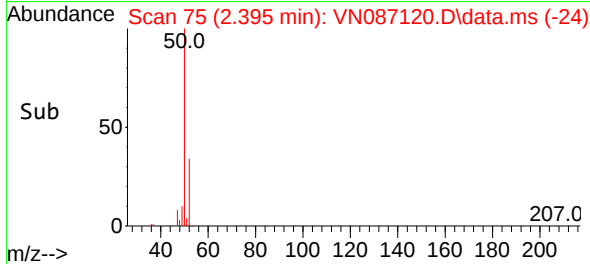
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 9038
Ion Ratio Lower Upper
50 100
52 33.8 25.7 38.5

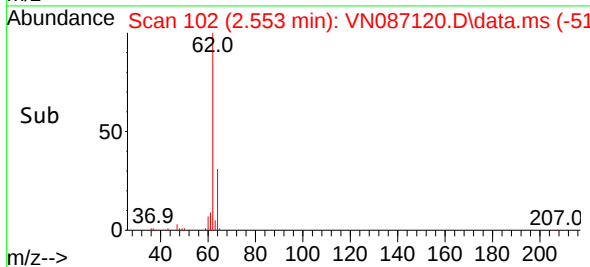
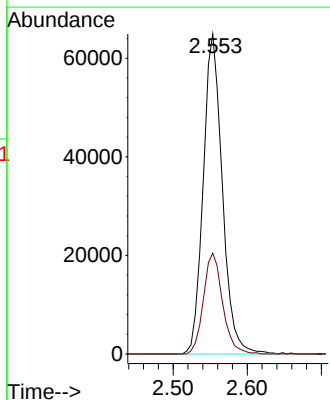
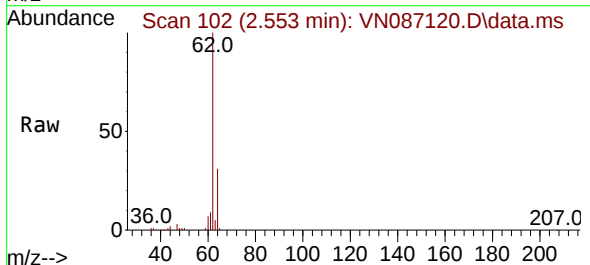
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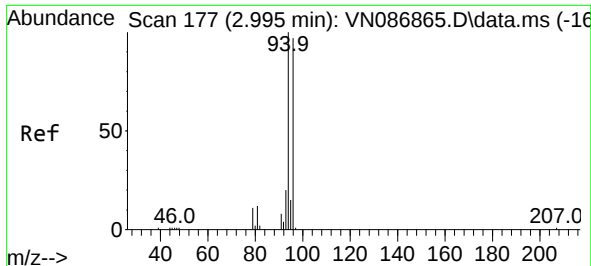
Reviewed By :John Carlone 06/20/2025
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#4
Vinyl Chloride
Concen: 50.937 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

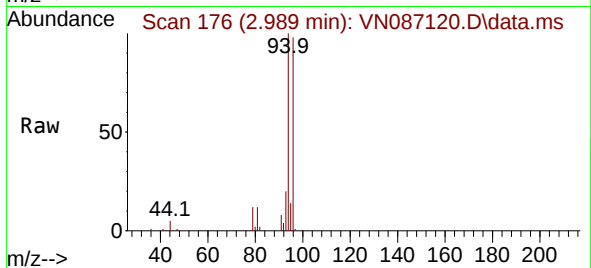
Tgt Ion: 62 Resp: 116257
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0





#5
Bromomethane
Concen: 50.735 ug/l
RT: 2.989 min Scan# 176
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

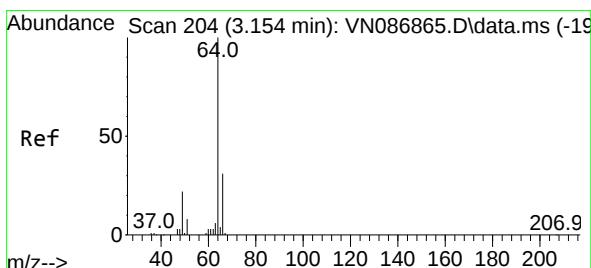
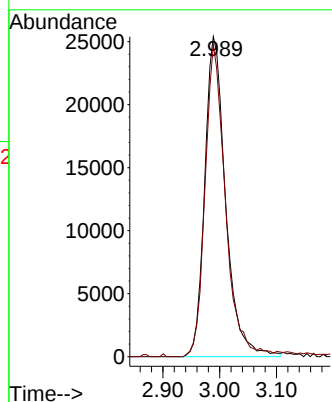
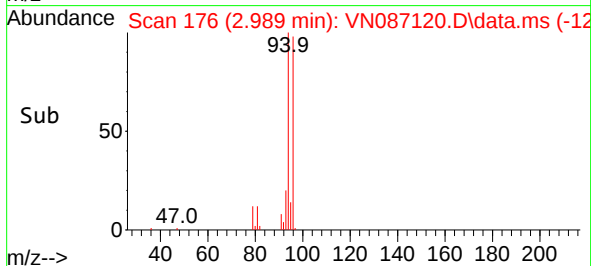
Instrument :
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Tgt Ion: 94 Resp: 6480
Ion Ratio Lower Upper
94 100
96 97.6 77.9 116.9

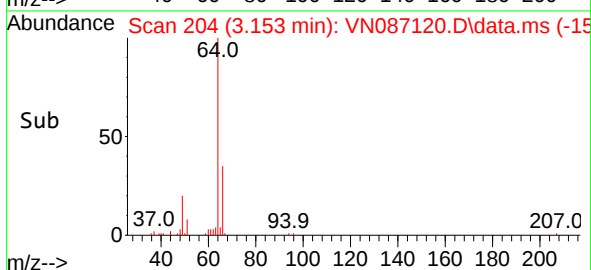
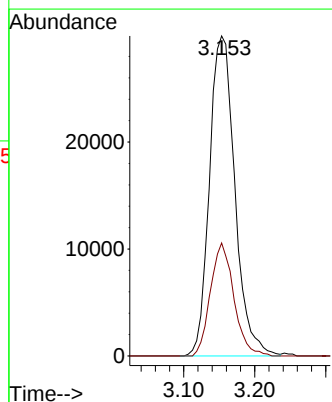
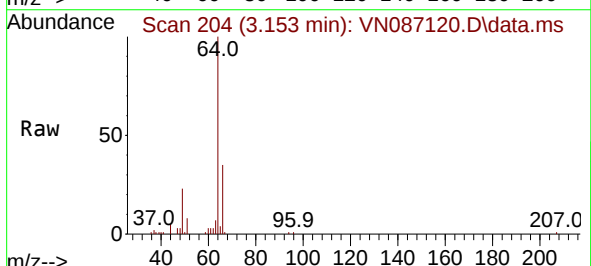
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#6
Chloroethane
Concen: 50.428 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

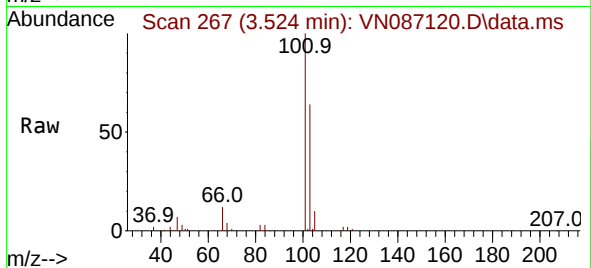
Tgt Ion: 64 Resp: 74345
Ion Ratio Lower Upper
64 100
66 35.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 50.839 ug/l
 RT: 3.524 min Scan# 267
 Delta R.T. -0.000 min
 Lab File: VN087120.D
 Acq: 19 Jun 2025 18:13

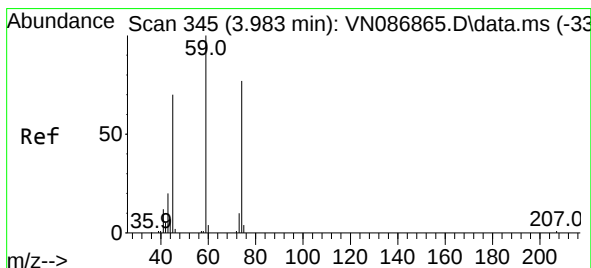
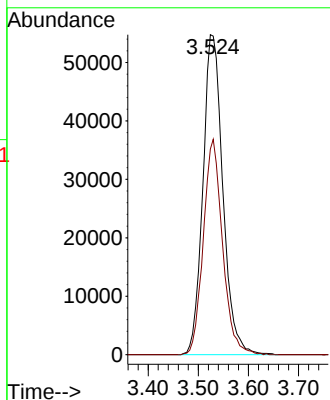
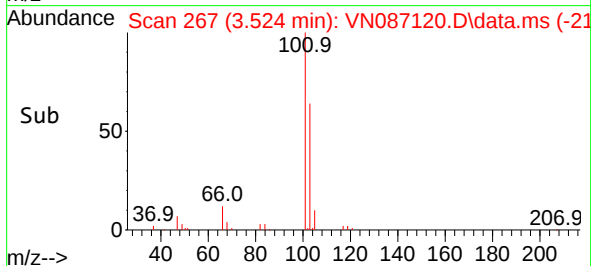
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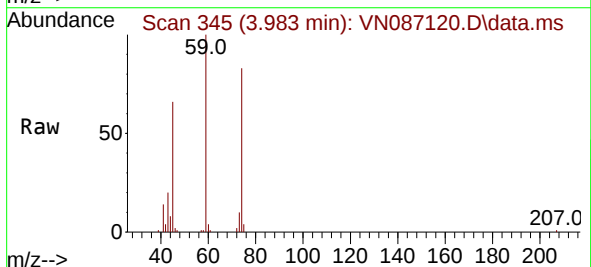
Tgt Ion:101 Resp: 15160
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.2 78.2

Manual Integrations
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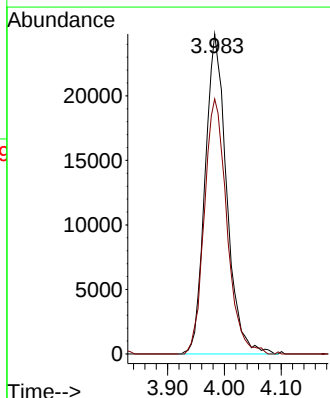
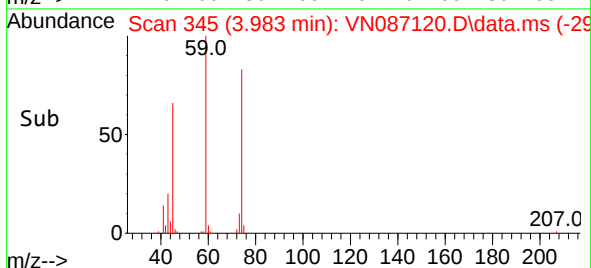
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#8
 Diethyl Ether
 Concen: 50.093 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087120.D
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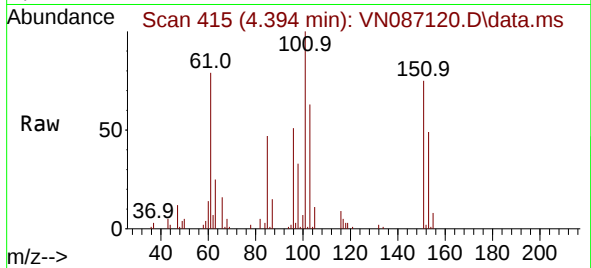
Tgt Ion: 74 Resp: 65083
 Ion Ratio Lower Upper
 74 100
 45 83.6 45.5 136.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.660 ug/l
RT: 4.394 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN087120.D
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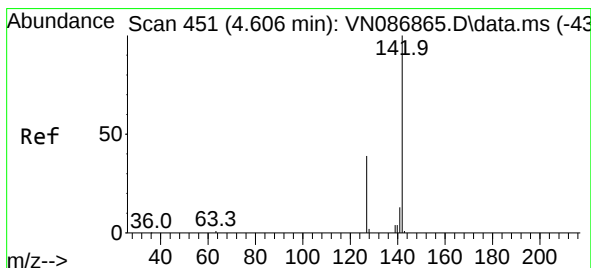
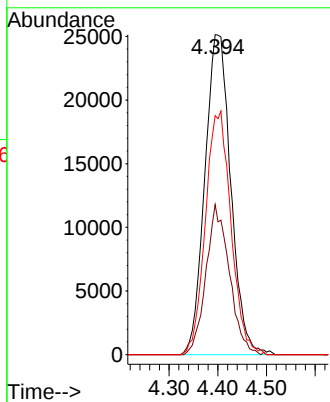
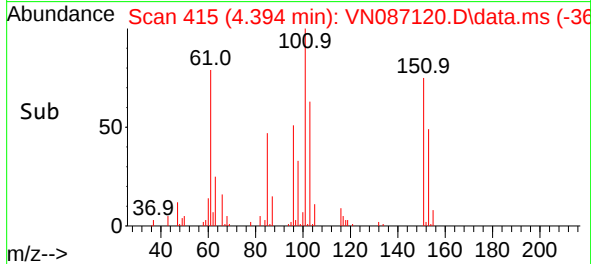
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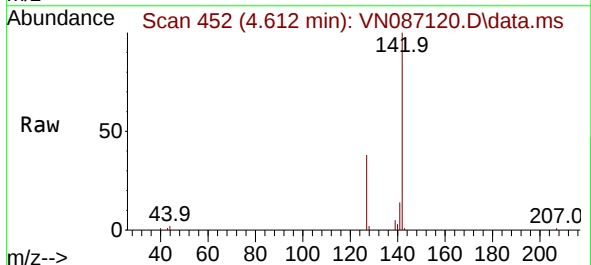
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Ion Ratio Lower Upper
101 100
85 42.3 33.8 50.8
151 75.0 58.7 88.1

Manual Integrations
APPROVED

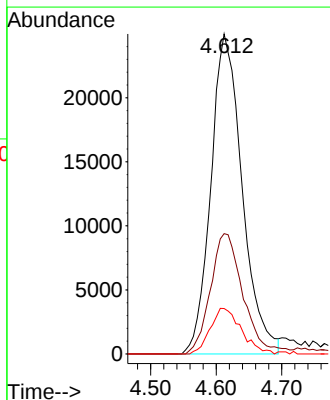
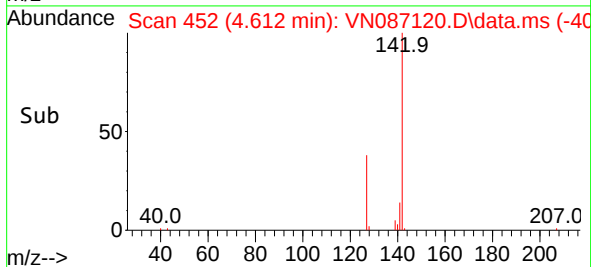
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#10
Methyl Iodide
Concen: 34.158 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13



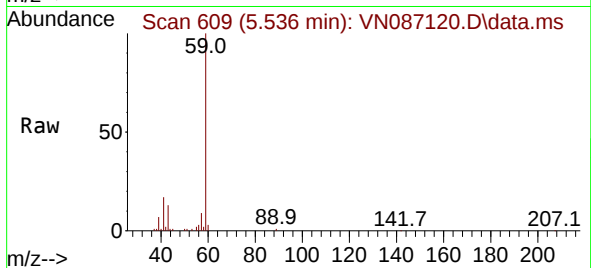
Tgt Ion:142 Resp: 82959
Ion Ratio Lower Upper
142 100
127 37.6 30.9 46.3
141 14.2 10.4 15.6





#11
Tert butyl alcohol
Concen: 219.653 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

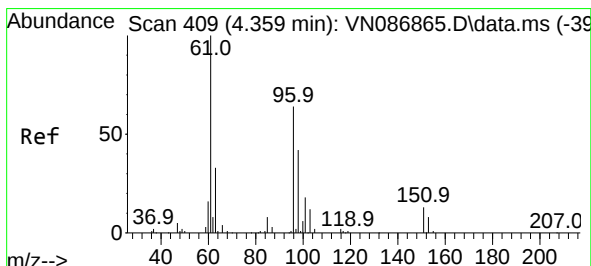
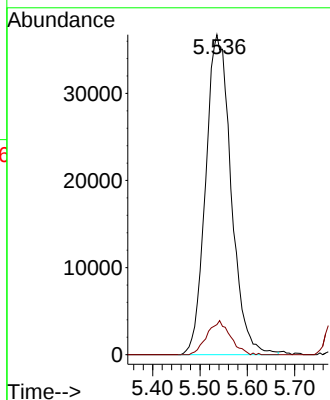
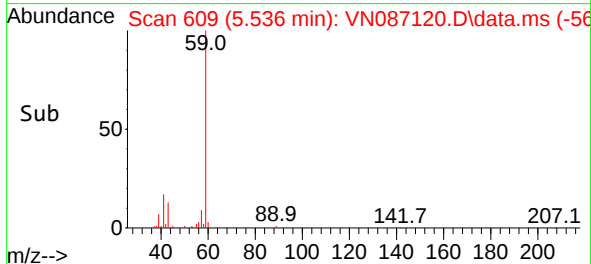
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



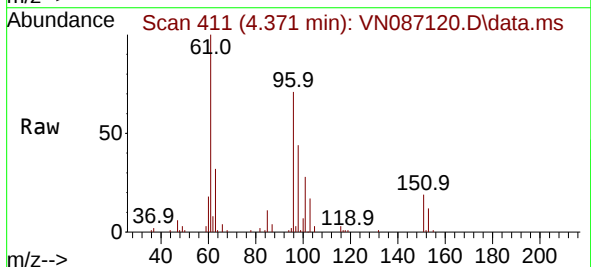
Tgt Ion: 59 Resp: 13713
Ion Ratio Lower Upper
59 100
57 9.7 8.1 12.1

Manual Integrations
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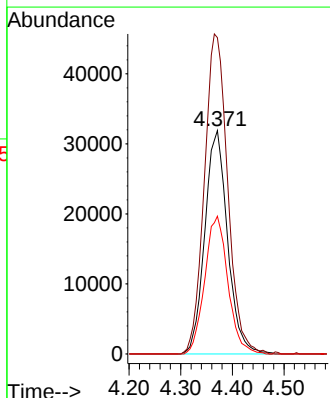
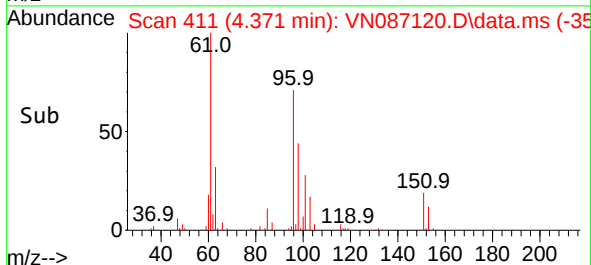
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

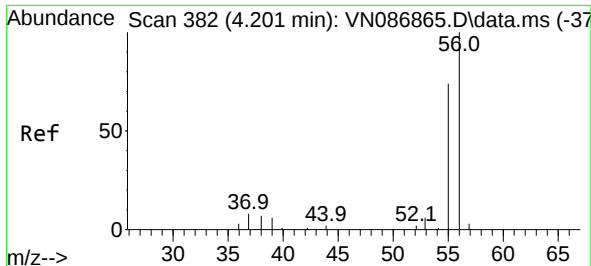


#12
1,1-Dichloroethene
Concen: 51.014 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13



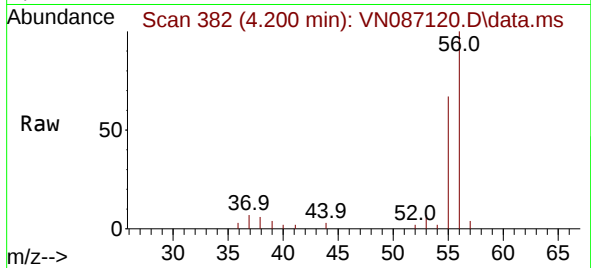
Tgt Ion: 96 Resp: 97574
Ion Ratio Lower Upper
96 100
61 141.5 125.8 188.6
98 61.6 52.5 78.7





#13
Acrolein
Concen: 215.834 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

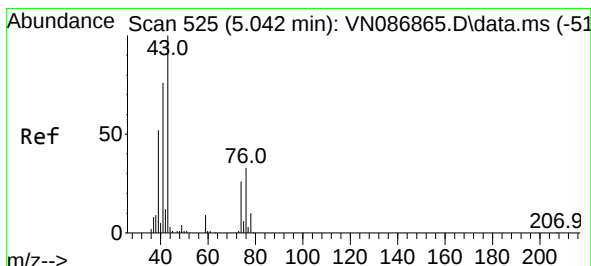
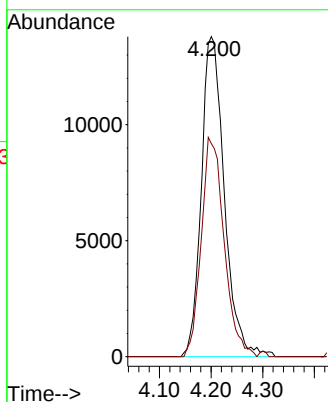
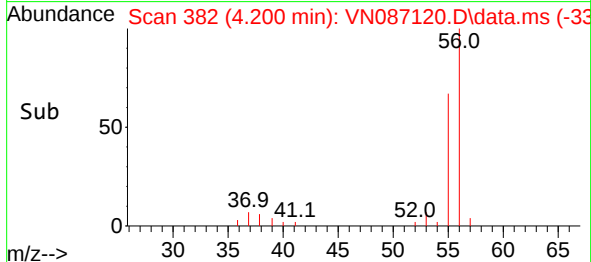
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 42652
Ion Ratio Lower Upper
56 100
55 68.0 55.6 83.4

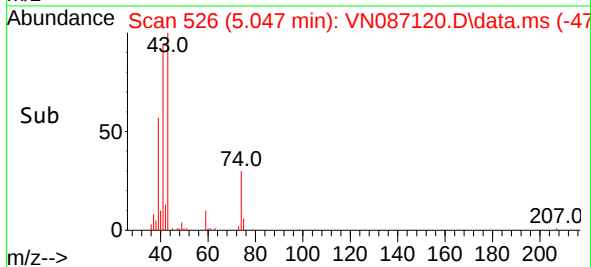
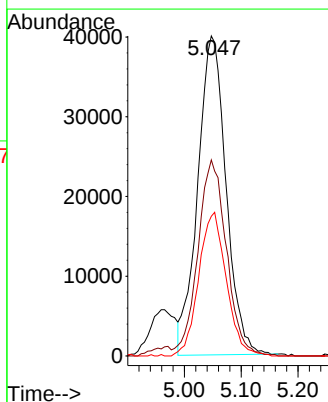
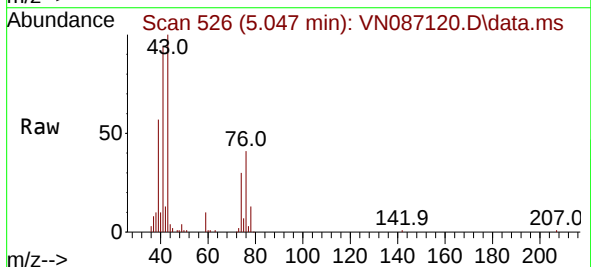
Manual Integrations
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Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#14
Allyl chloride
Concen: 43.658 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

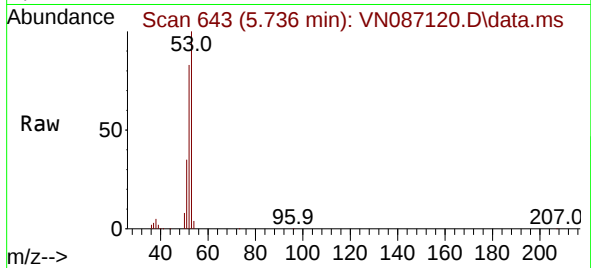
Tgt Ion: 41 Resp: 138488
Ion Ratio Lower Upper
41 100
39 62.3 51.3 76.9
76 44.0 31.4 47.0





#15
Acrylonitrile
Concen: 230.809 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

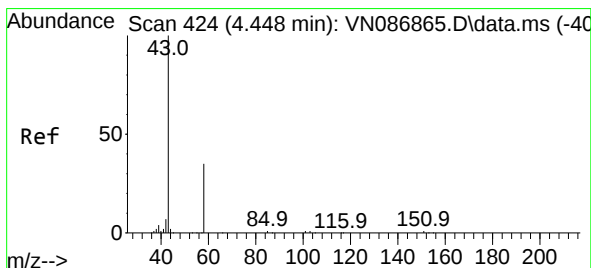
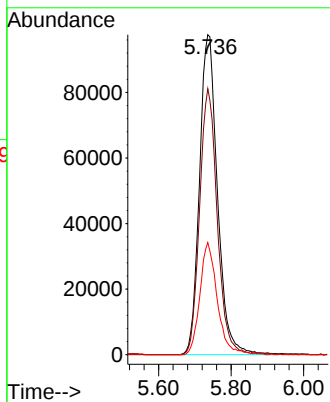
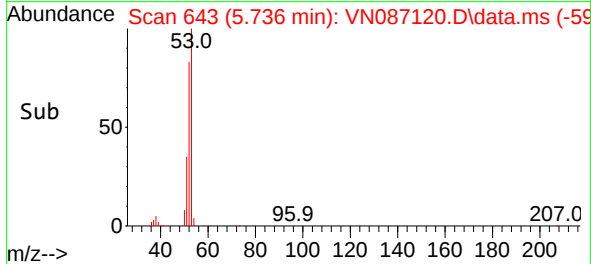
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 33680
Ion Ratio Lower Upper
53 100
52 80.9 65.0 97.6
51 33.7 27.2 40.8

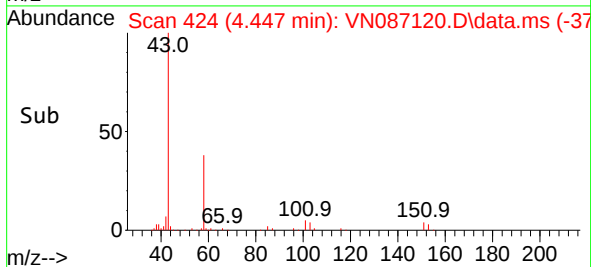
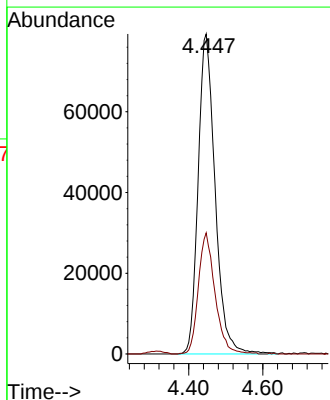
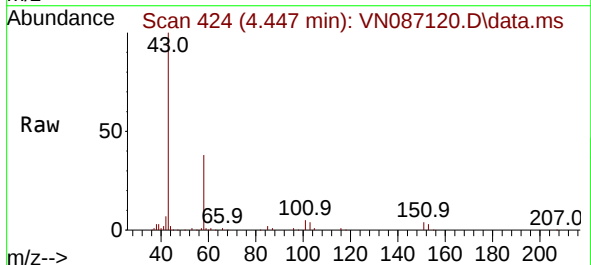
Manual Integrations
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Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#16
Acetone
Concen: 206.505 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Tgt Ion: 43 Resp: 251966
Ion Ratio Lower Upper
43 100
58 37.9 28.0 42.0





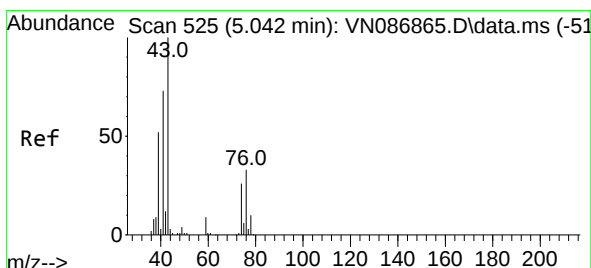
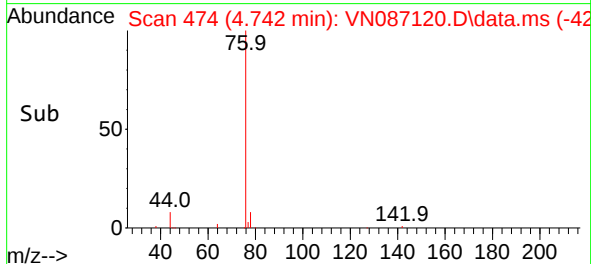
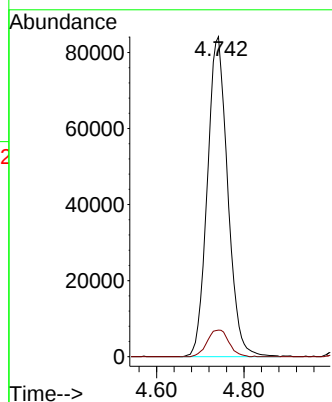
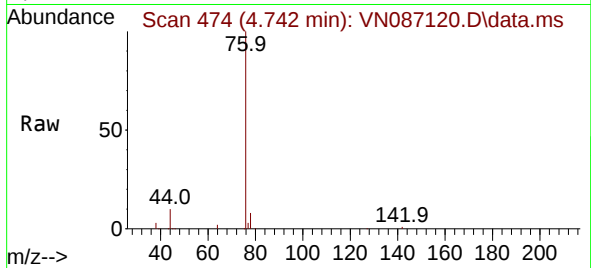
#17
Carbon Disulfide
Concen: 51.448 ug/l
RT: 4.742 min Scan# 472
Delta R.T. 0.012 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 27219
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9

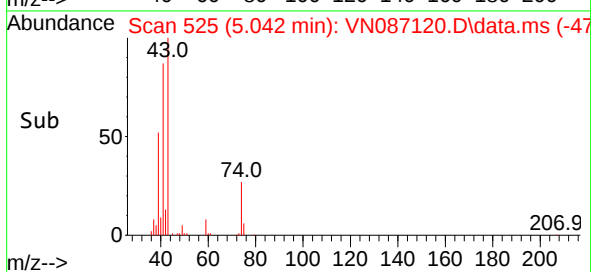
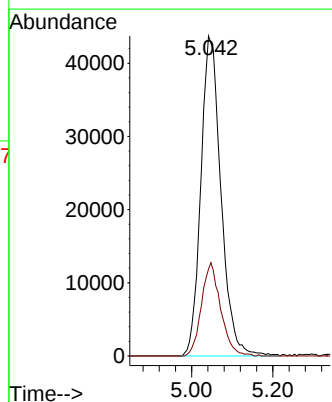
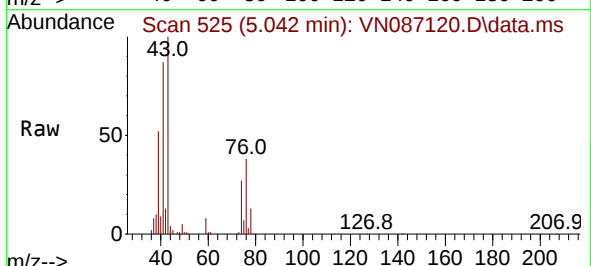
Manual Integrations
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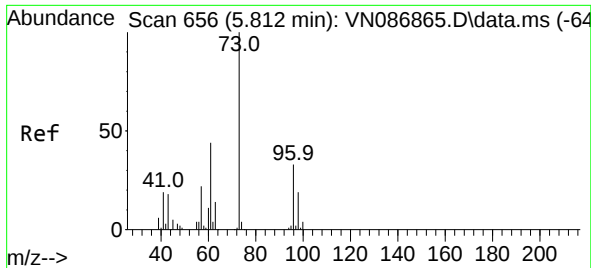
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#18
Methyl Acetate
Concen: 42.374 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Tgt Ion: 43 Resp: 150668
Ion Ratio Lower Upper
43 100
74 27.7 20.7 31.1





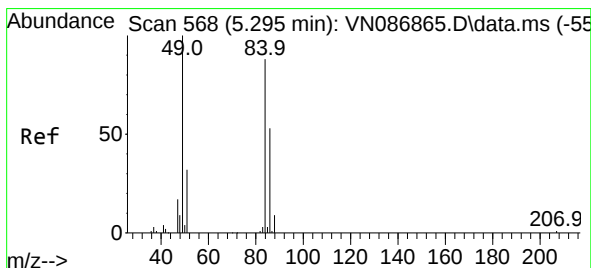
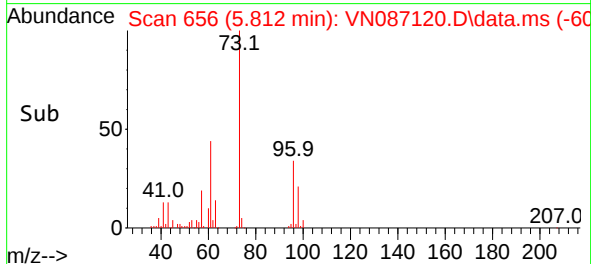
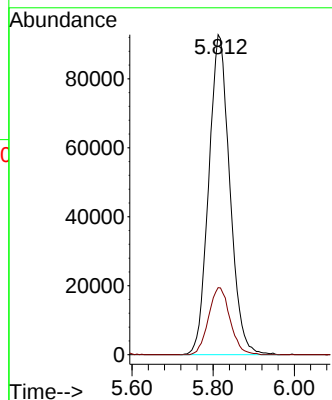
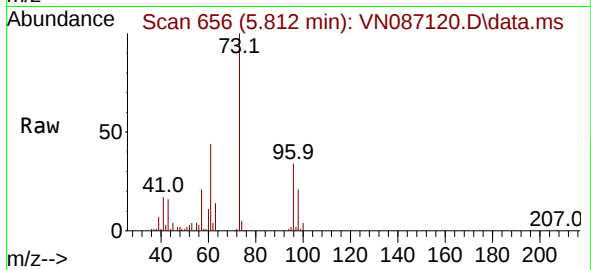
#19
Methyl tert-butyl Ether
Concen: 48.211 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 33388
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.2

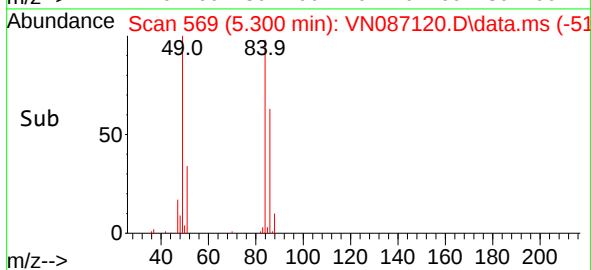
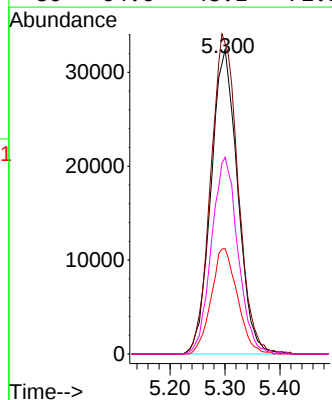
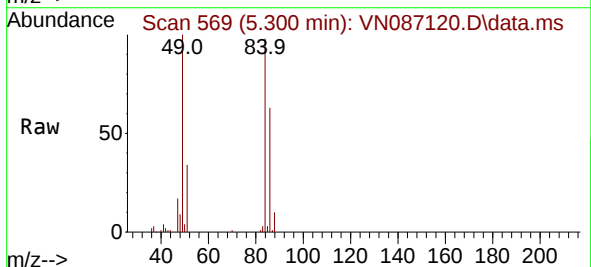
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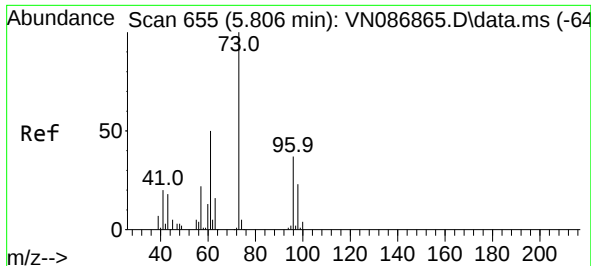
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#20
Methylene Chloride
Concen: 47.740 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

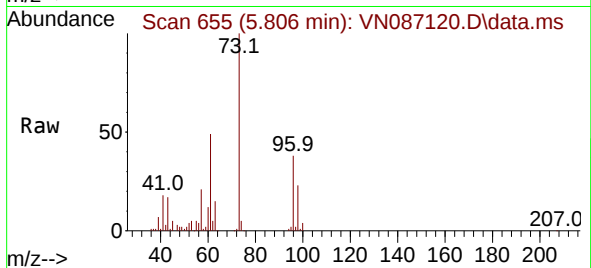
Tgt Ion: 84 Resp: 109053
Ion Ratio Lower Upper
84 100
49 102.0 90.5 135.7
51 34.6 28.5 42.7
86 64.6 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 48.679 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

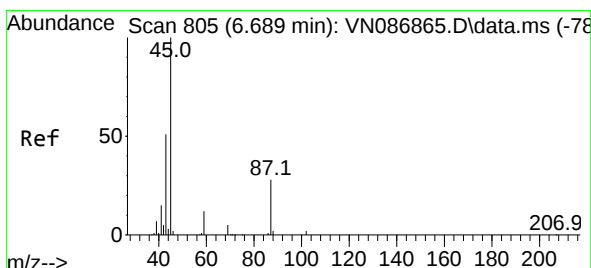
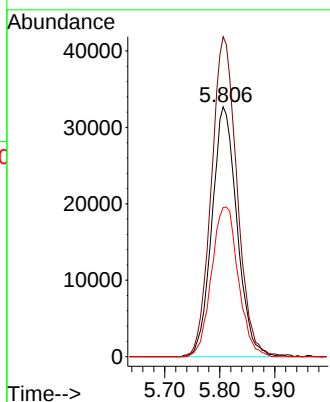
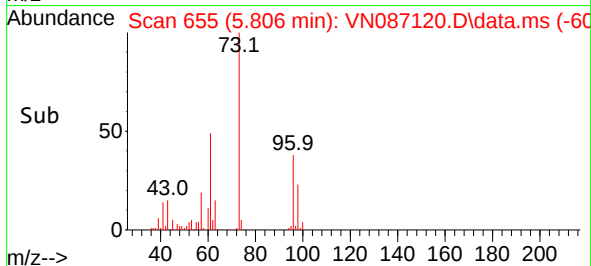
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 103590
Ion Ratio Lower Upper
96 100
61 128.0 109.2 163.8
98 59.7 49.8 74.8

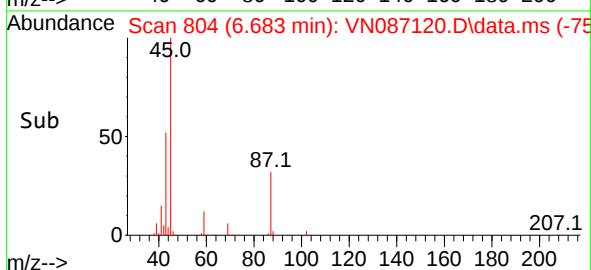
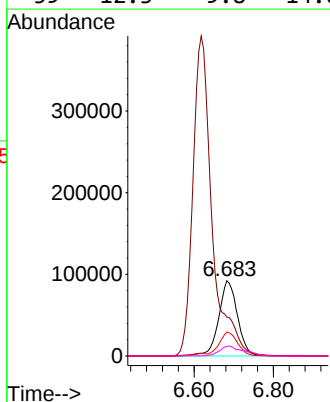
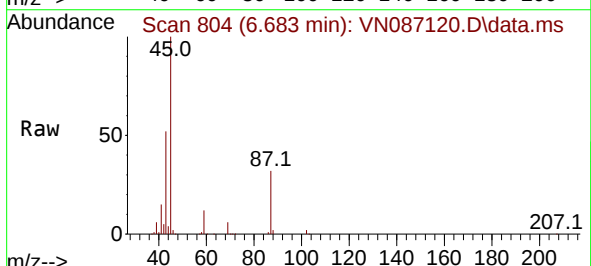
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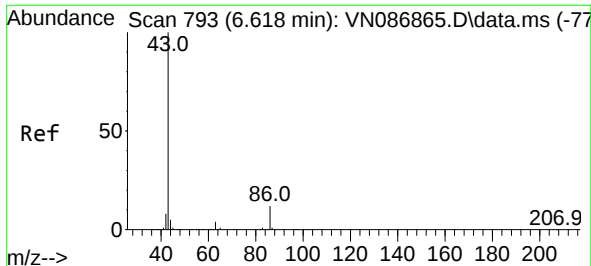
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#22
Diisopropyl ether
Concen: 45.170 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

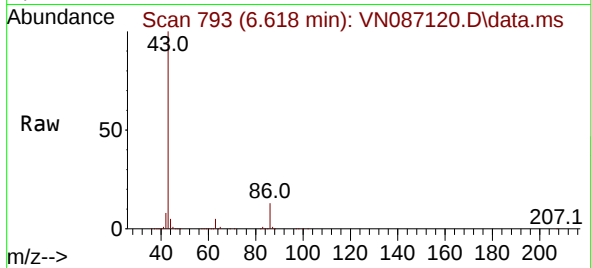
Tgt Ion: 45 Resp: 302028
Ion Ratio Lower Upper
45 100
43 51.3 41.9 62.9
87 31.8 22.4 33.6
59 12.3 9.8 14.6





#23
 Vinyl Acetate
 Concen: 231.557 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087120.D
 Acq: 19 Jun 2025 18:13

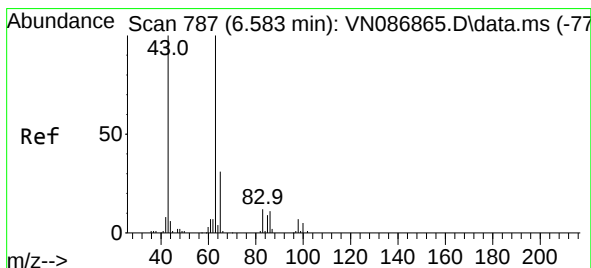
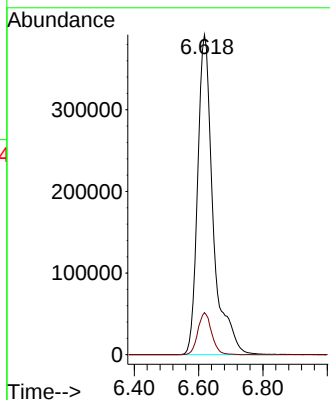
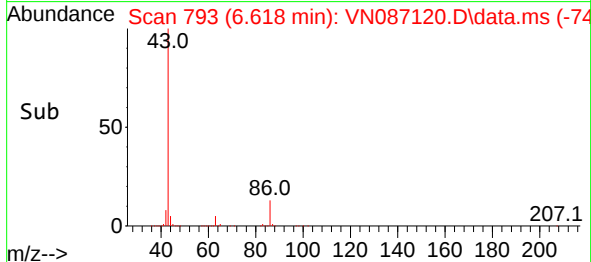
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 130815
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.5 14.3

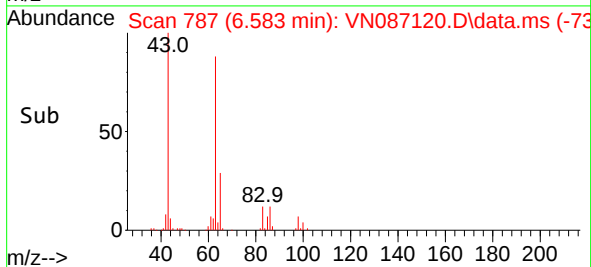
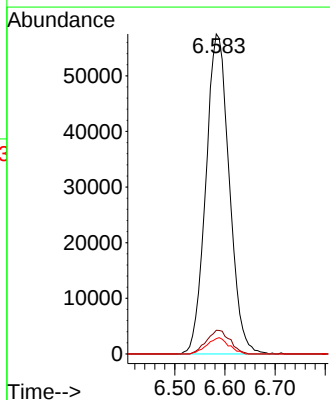
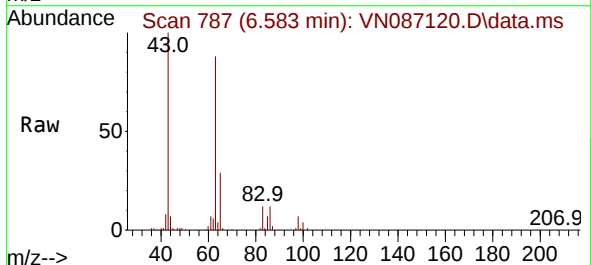
Manual Integrations
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 Supervised By :Mahesh Dadoda 06/21/2025



#24
 1,1-Dichloroethane
 Concen: 48.418 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087120.D
 Acq: 19 Jun 2025 18:13

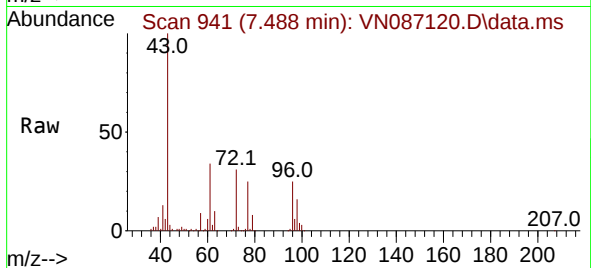
Tgt Ion: 63 Resp: 186312
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.8 2.6 7.8





#25
2-Butanone
Concen: 212.049 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

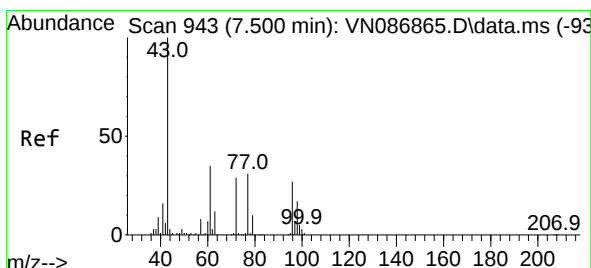
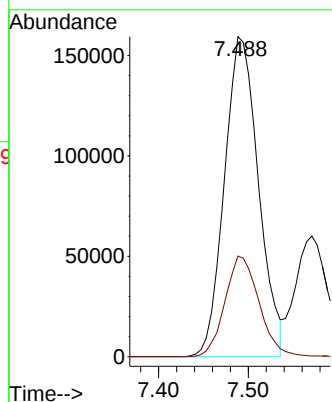
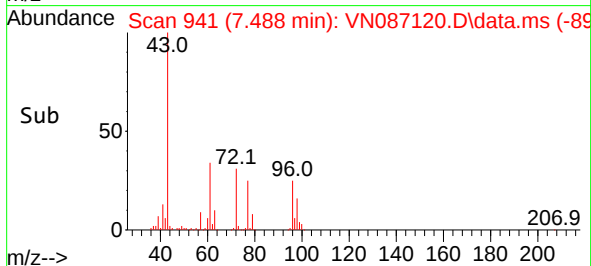
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 420559
Ion Ratio Lower Upper
43 100
72 31.5 23.0 34.6

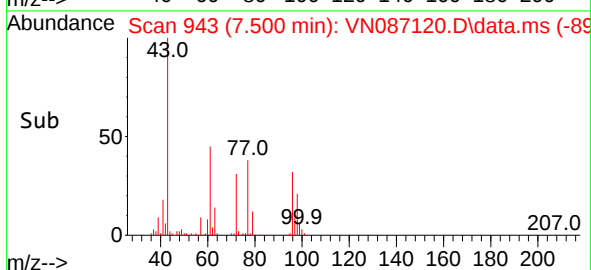
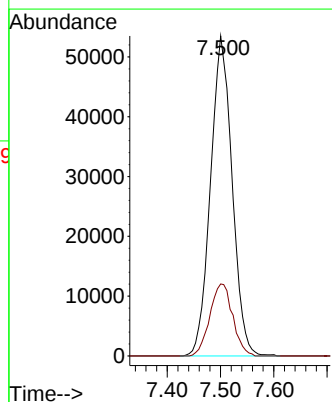
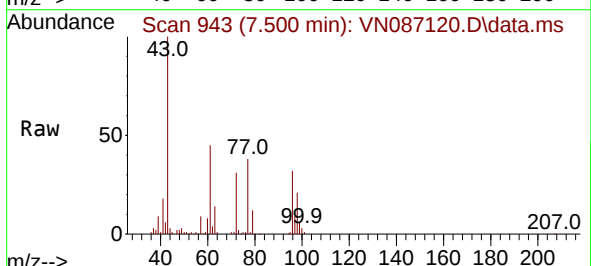
Manual Integrations
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Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#26
2,2-Dichloropropane
Concen: 50.377 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

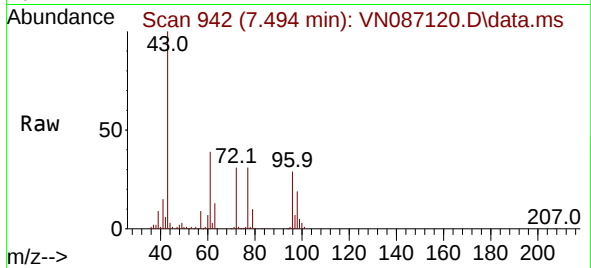
Tgt Ion: 77 Resp: 150789
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 49.366 ug/l
 RT: 7.494 min Scan# 943
 Delta R.T. -0.006 min
 Lab File: VN087120.D
 Acq: 19 Jun 2025 18:13

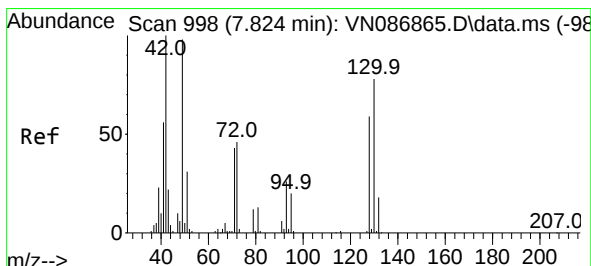
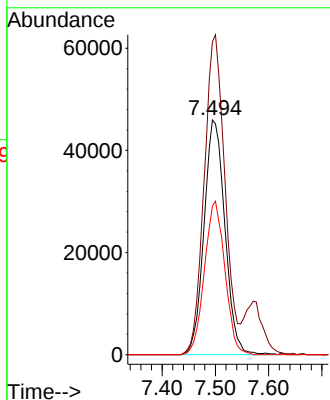
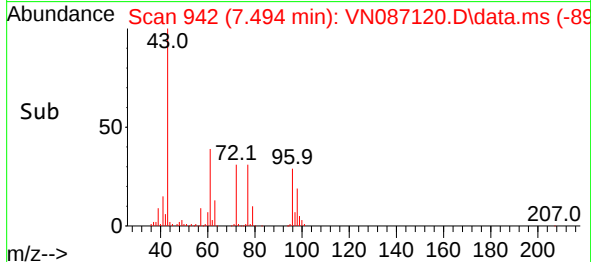
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 12563
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 278.0
 98 63.9 0.0 128.2

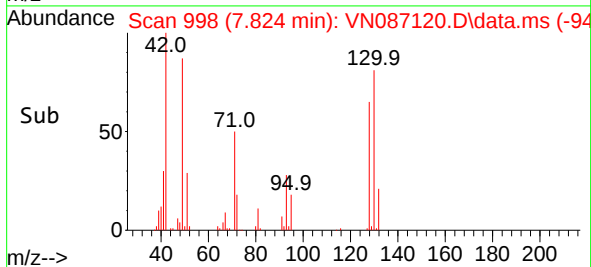
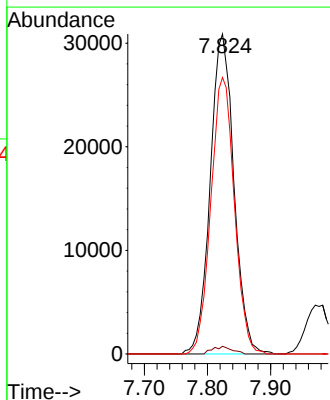
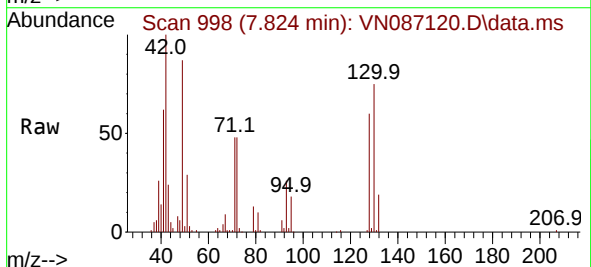
Manual Integrations
 APPROVED

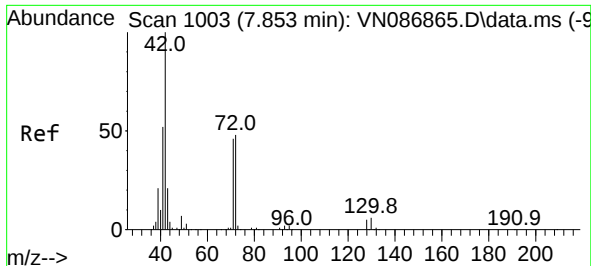
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#28
 Bromochloromethane
 Concen: 42.609 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087120.D
 Acq: 19 Jun 2025 18:13

Tgt Ion: 49 Resp: 80614
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 85.5 62.2 93.2





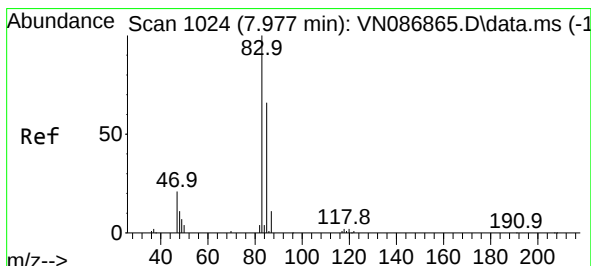
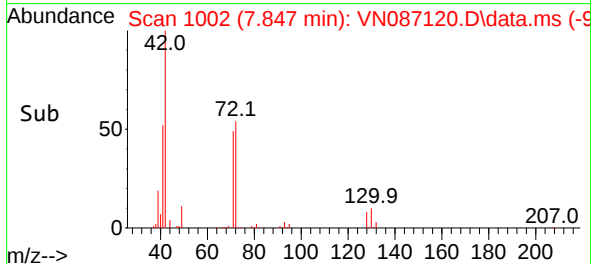
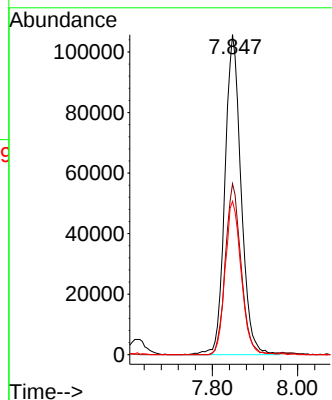
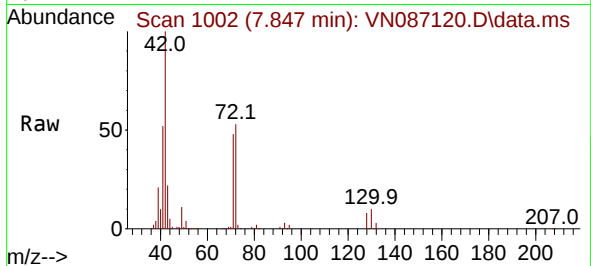
#29
Tetrahydrofuran
Concen: 216.407 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 27959
Ion Ratio Lower Upper
42 100
72 51.7 37.8 56.6
71 47.5 35.6 53.4

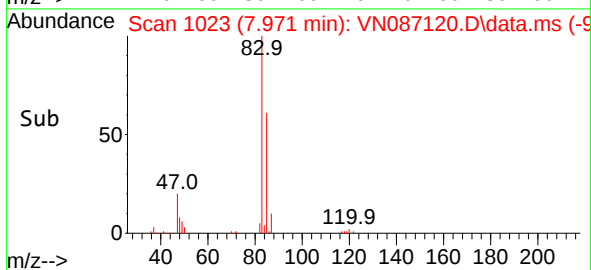
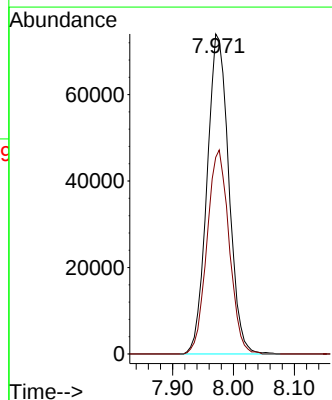
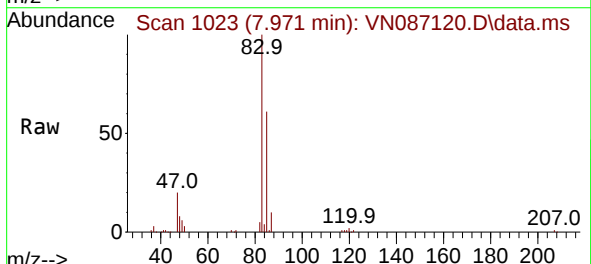
Manual Integrations
APPROVED

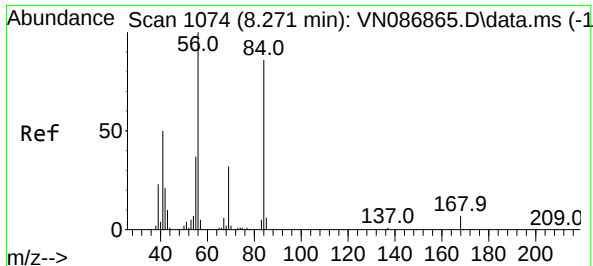
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#30
Chloroform
Concen: 47.846 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

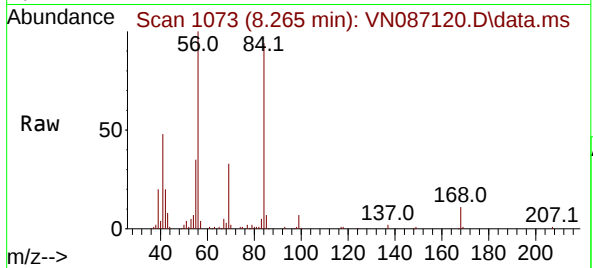
Tgt Ion: 83 Resp: 183860
Ion Ratio Lower Upper
83 100
85 61.5 52.9 79.3





#31
Cyclohexane
Concen: 44.593 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

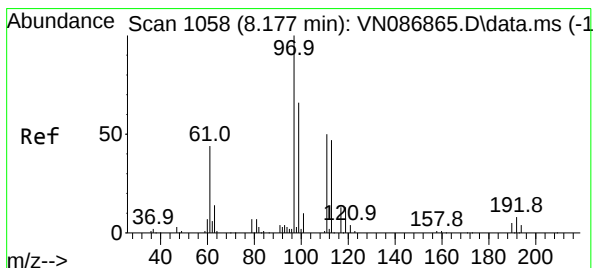
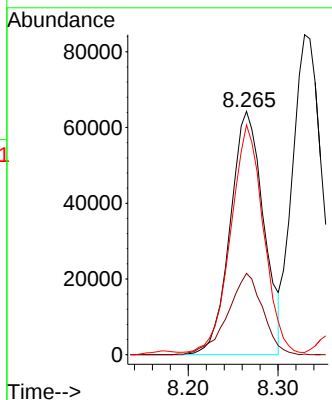
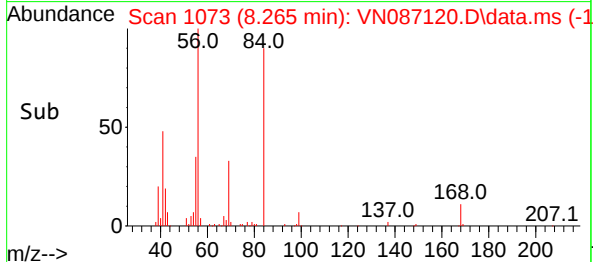
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 16640
Ion Ratio Lower Upper
56 100
69 33.1 25.4 38.0
84 93.4 68.8 103.2

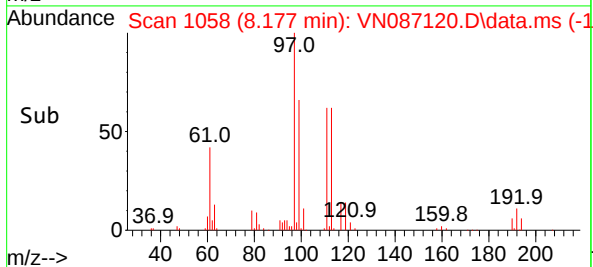
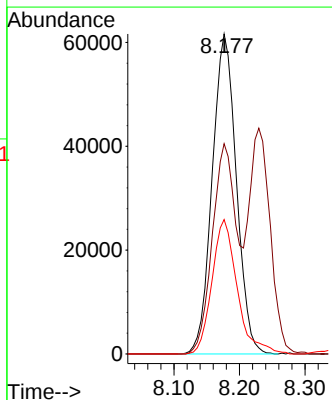
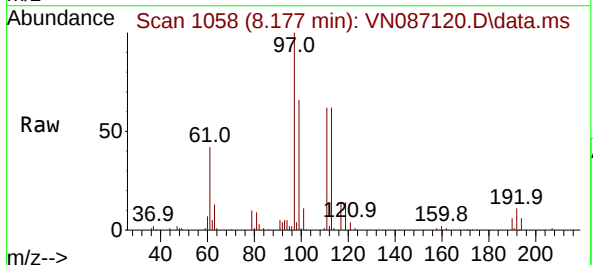
Manual Integrations
APPROVED

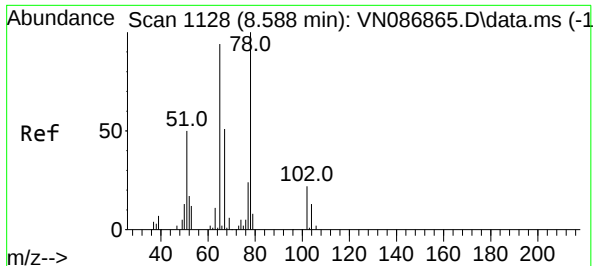
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#32
1,1,1-Trichloroethane
Concen: 48.143 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Tgt Ion: 97 Resp: 157349
Ion Ratio Lower Upper
97 100
99 67.4 52.0 78.0
61 43.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 46.395 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087120.D

Acq: 19 Jun 2025 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 106748

Ion Ratio Lower Upper

65 100

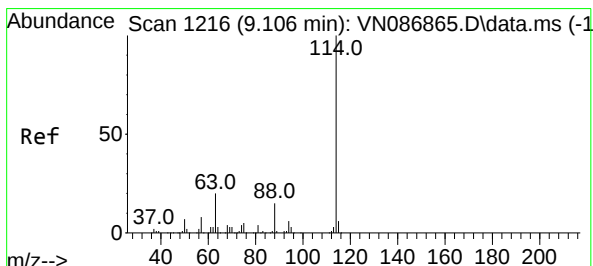
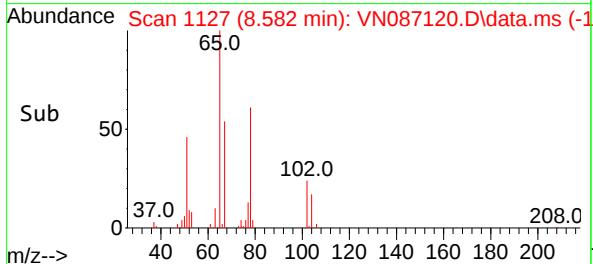
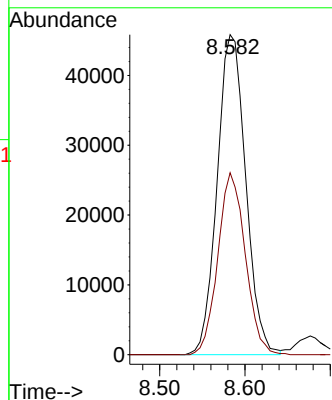
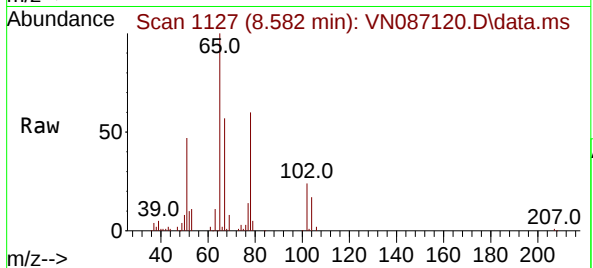
67 54.6 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087120.D

Acq: 19 Jun 2025 18:13

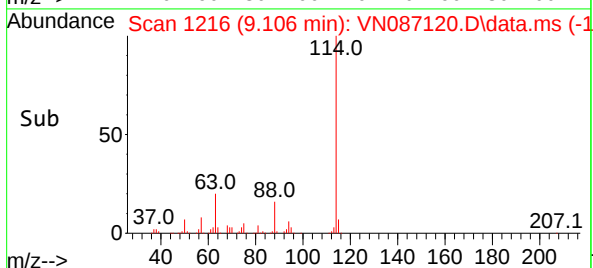
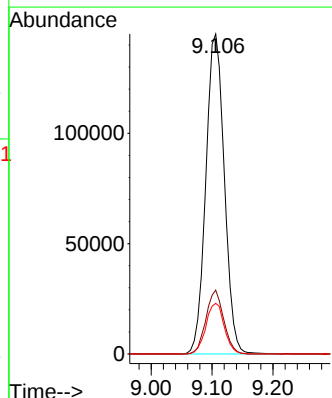
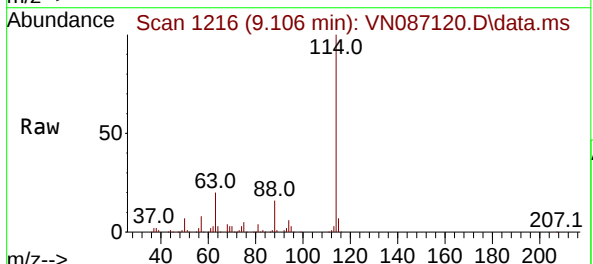
Tgt Ion:114 Resp: 306033

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.8 0.0 30.2





#35
Dibromofluoromethane
Concen: 52.186 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Instrument :

MSVOA_N

ClientSampleId :

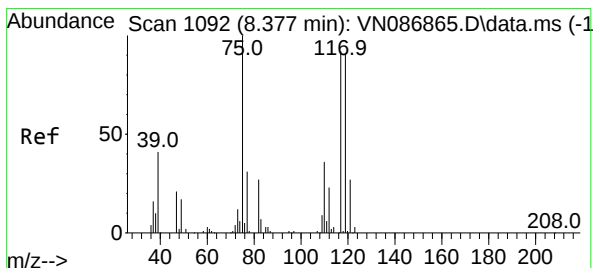
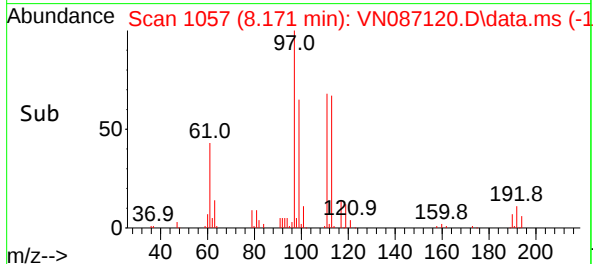
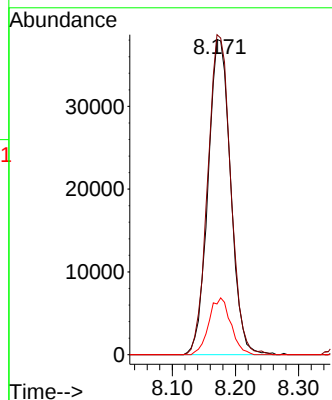
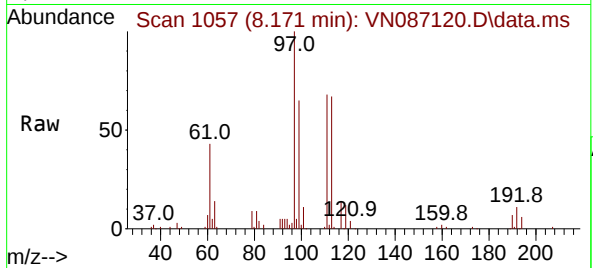
VSTDCCC050EC

Tgt Ion:113 Resp: 94640
Ion Ratio Lower Upper
113 100
111 102.9 84.2 126.2
192 17.5 14.2 21.4

Manual Integrations

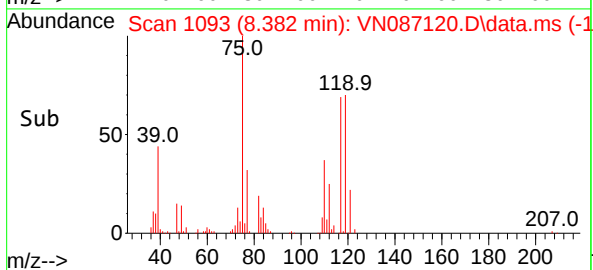
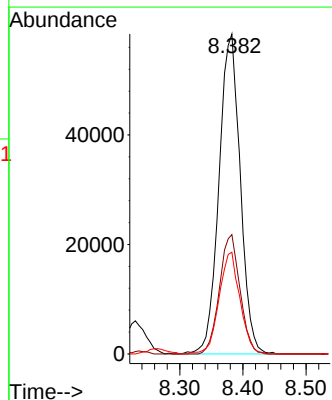
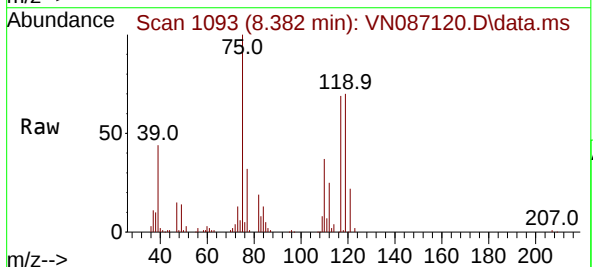
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#36
1,1-Dichloropropene
Concen: 50.694 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

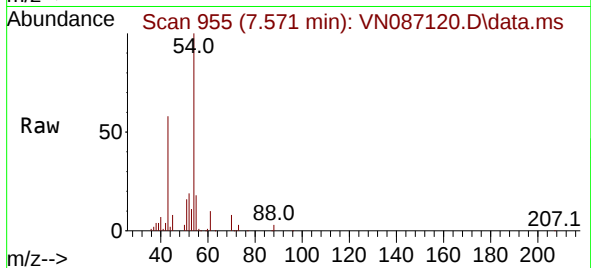
Tgt Ion: 75 Resp: 137000
Ion Ratio Lower Upper
75 100
110 36.0 17.6 52.9
77 31.1 25.3 37.9





#37
Ethyl Acetate
Concen: 45.793 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

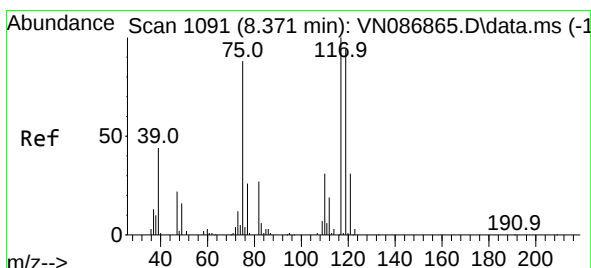
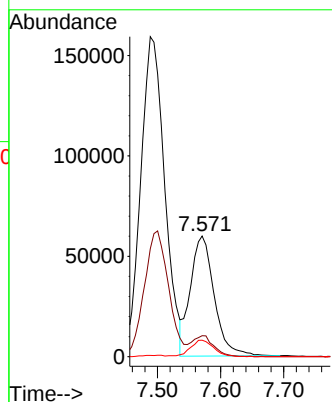
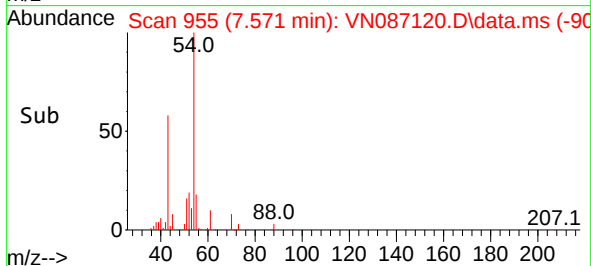
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 157538
Ion Ratio Lower Upper
43 100
61 15.5 12.1 18.1
70 13.4 9.8 14.6

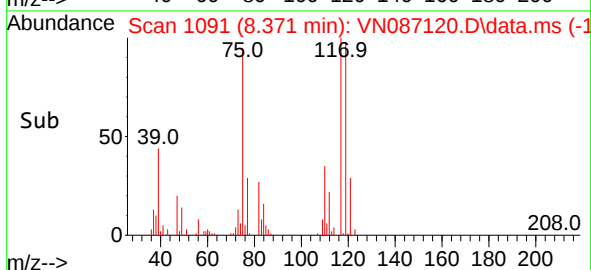
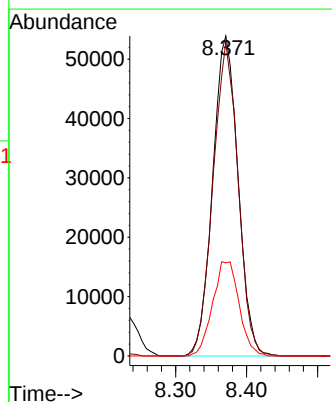
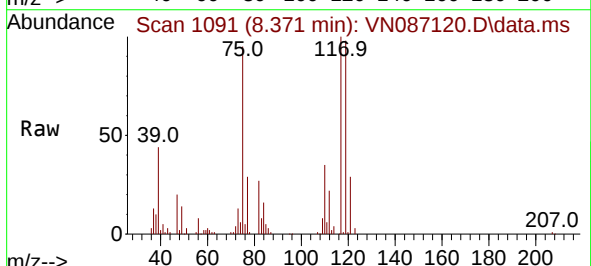
Manual Integrations
APPROVED

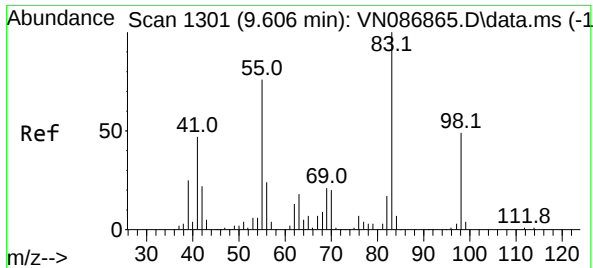
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#38
Carbon Tetrachloride
Concen: 50.312 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Tgt Ion:117 Resp: 133489
Ion Ratio Lower Upper
117 100
119 98.0 75.0 112.6
121 29.1 24.9 37.3





#39
Methylcyclohexane
Concen: 44.143 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

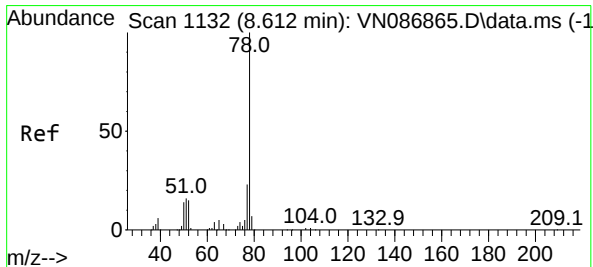
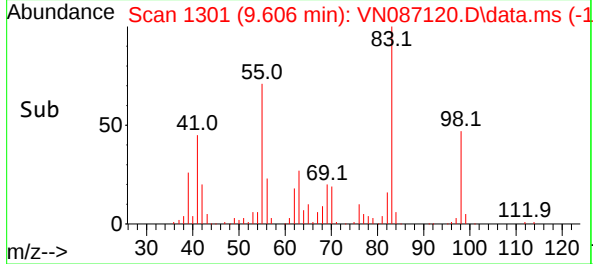
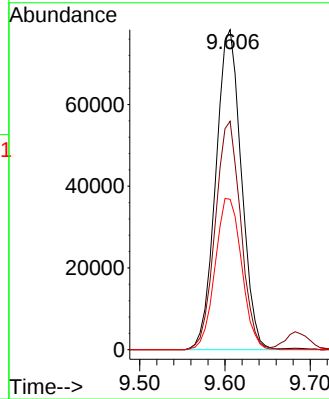
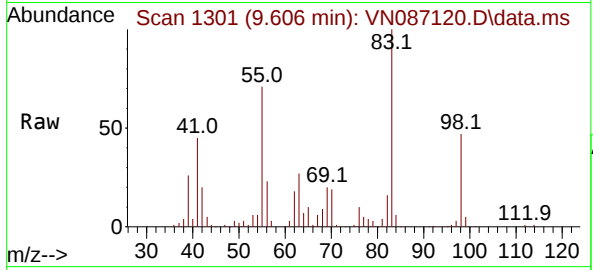
Tgt Ion: 83 Resp: 163439
Ion Ratio Lower Upper
83 100
55 71.4 61.0 91.6
98 47.0 38.9 58.3

Manual Integrations

APPROVED

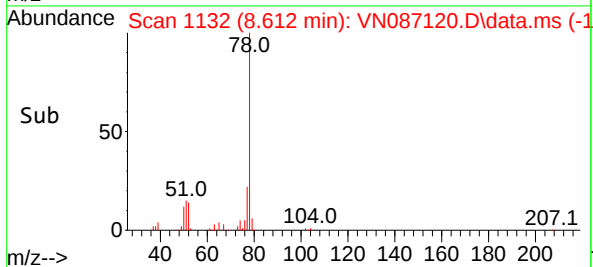
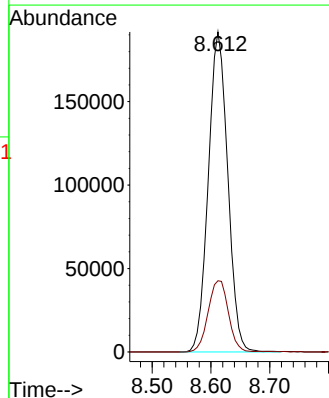
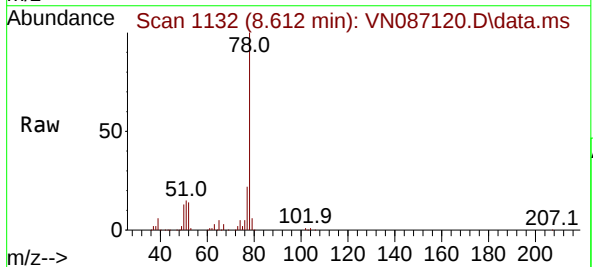
Reviewed By :John Carlone 06/20/2025

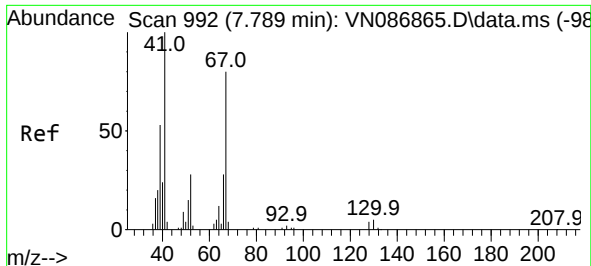
Supervised By :Mahesh Dadoda 06/21/2025



#40
Benzene
Concen: 49.733 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

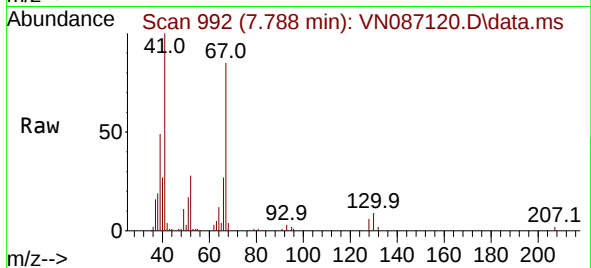
Tgt Ion: 78 Resp: 439499
Ion Ratio Lower Upper
78 100
77 22.2 18.7 28.1





#41
Methacrylonitrile
Concen: 42.608 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

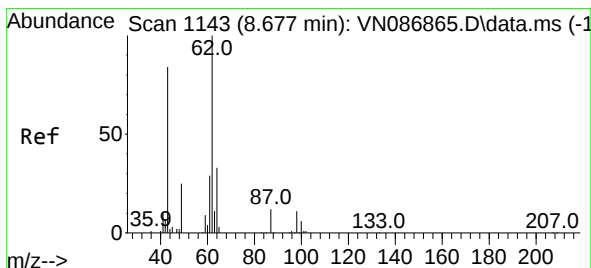
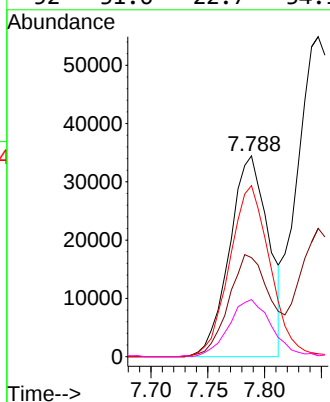
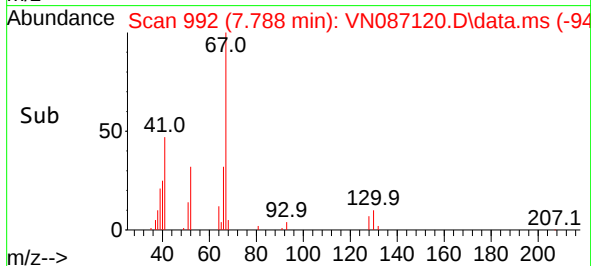
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	8232
Ion Ratio	100	Lower	Upper
39	55.1	41.2	61.8
67	89.0	61.4	92.2
52	31.6	22.7	34.1

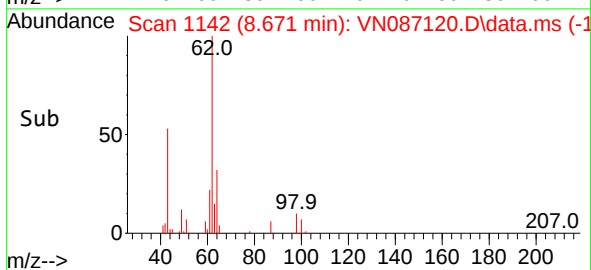
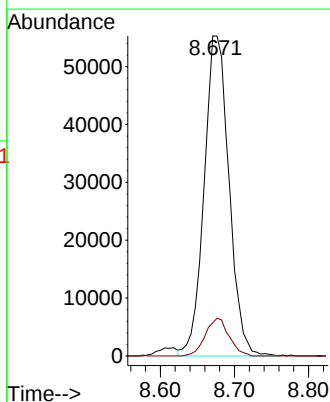
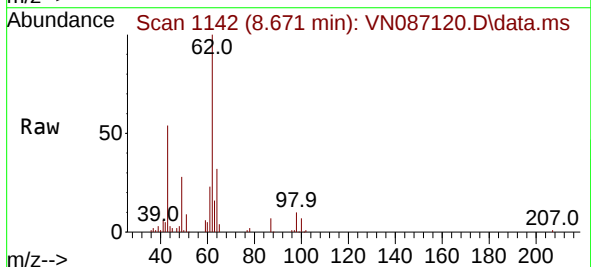
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#42
1,2-Dichloroethane
Concen: 48.141 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

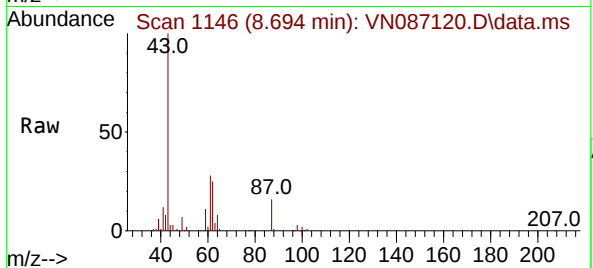
Tgt Ion:	62	Resp:	129038
Ion Ratio	100	Lower	Upper
98	11.2	0.0	21.2





#43
Isopropyl Acetate
Concen: 44.098 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

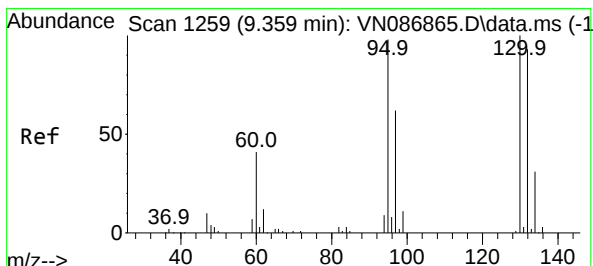
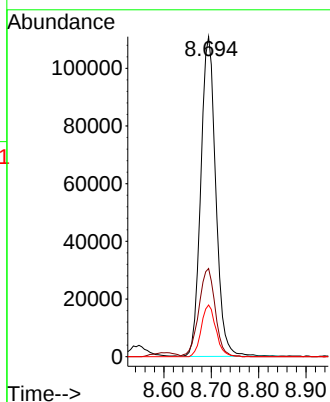
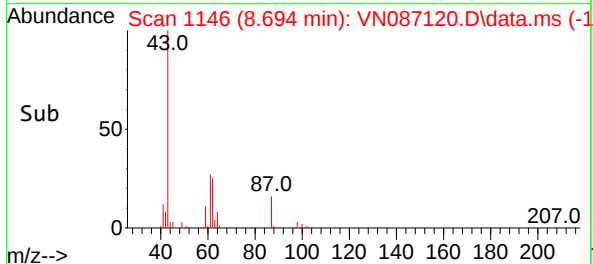
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



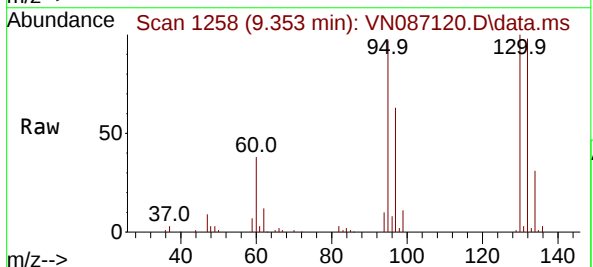
Tgt Ion: 43 Resp: 243490
Ion Ratio Lower Upper
43 100
61 30.2 22.1 33.1
87 15.8 11.8 17.6

Manual Integrations
APPROVED

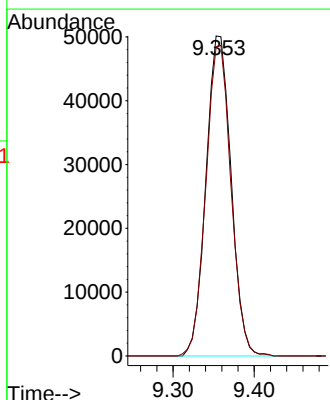
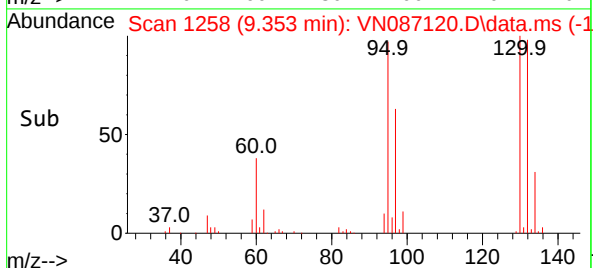
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

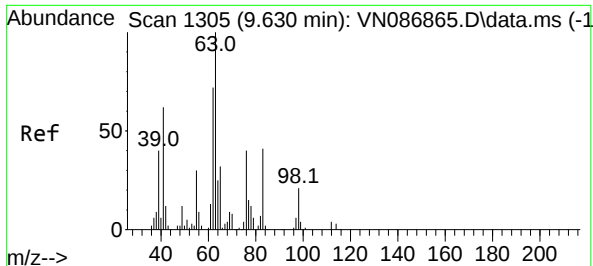


#44
Trichloroethene
Concen: 51.338 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13



Tgt Ion:130 Resp: 107576
Ion Ratio Lower Upper
130 100
95 96.6 0.0 196.2





#45

1,2-Dichloropropane

Concen: 50.168 ug/l

RT: 9.624 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087120.D

Acq: 19 Jun 2025 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 107860

Ion Ratio Lower Upper

63 100

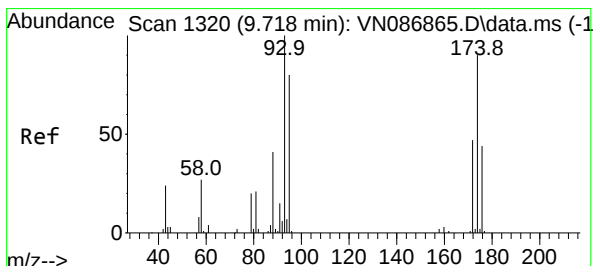
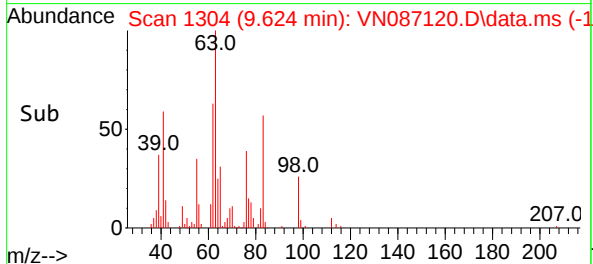
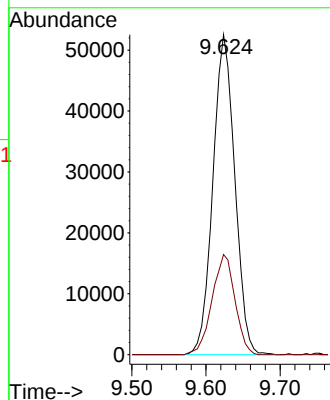
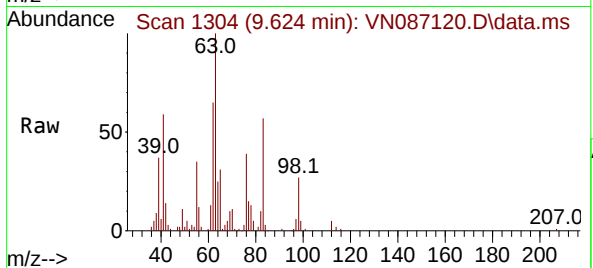
65 31.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#46

Dibromomethane

Concen: 51.439 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087120.D

Acq: 19 Jun 2025 18:13

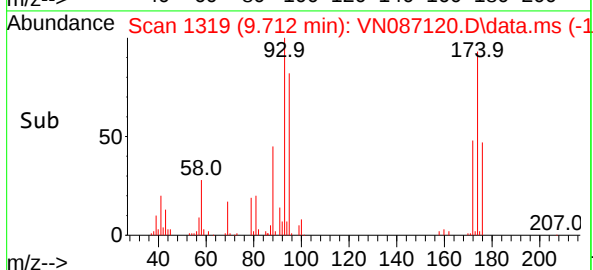
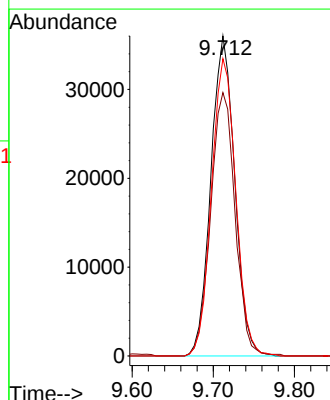
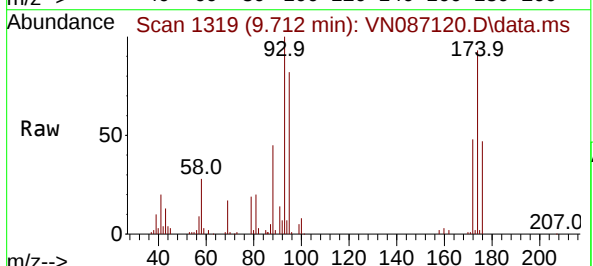
Tgt Ion: 93 Resp: 73457

Ion Ratio Lower Upper

93 100

95 84.5 67.1 100.7

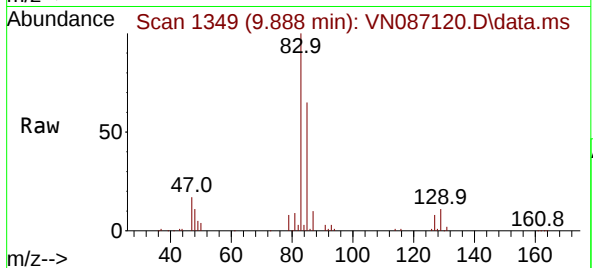
174 94.8 74.2 111.4





#47
Bromodichloromethane
Concen: 49.542 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

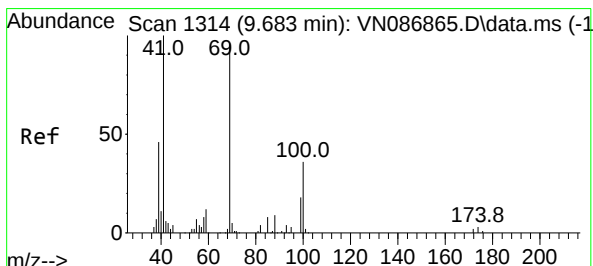
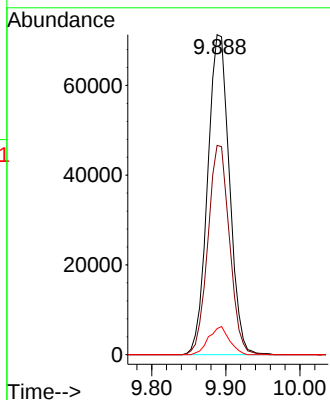
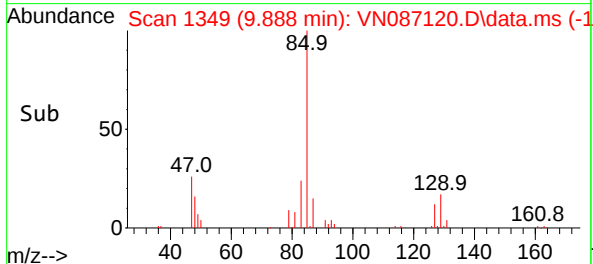
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 145562
Ion Ratio Lower Upper
83 100
85 65.4 50.9 76.3
127 8.1 6.6 10.0

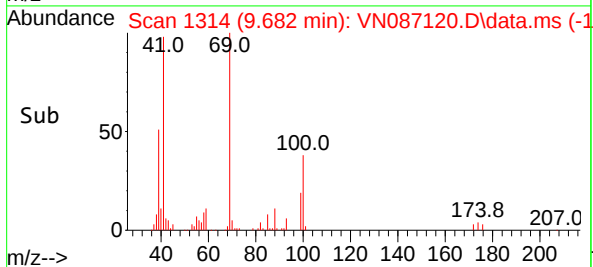
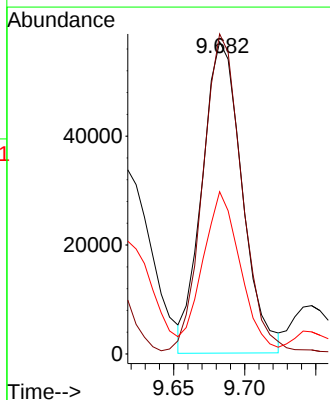
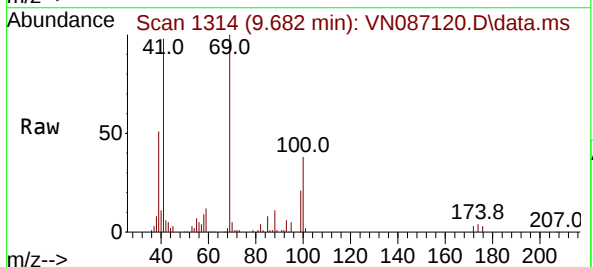
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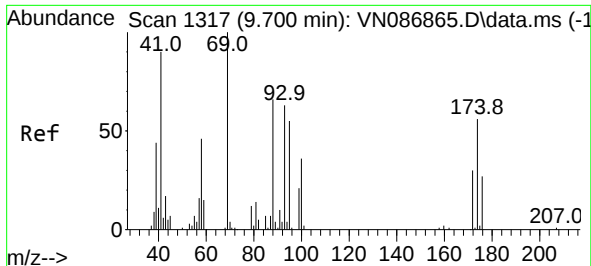
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#48
Methyl methacrylate
Concen: 43.897 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Tgt Ion: 41 Resp: 111561
Ion Ratio Lower Upper
41 100
69 100.7 74.6 112.0
39 49.9 40.2 60.4





#49

1,4-Dioxane

Concen: 1025.069 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087120.D

Acq: 19 Jun 2025 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4739

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

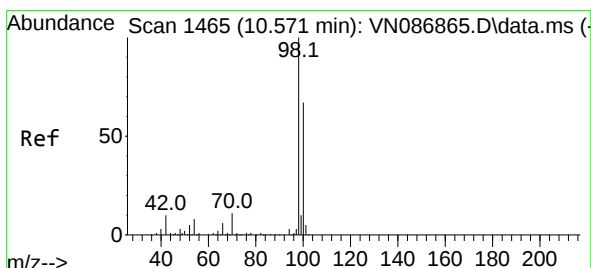
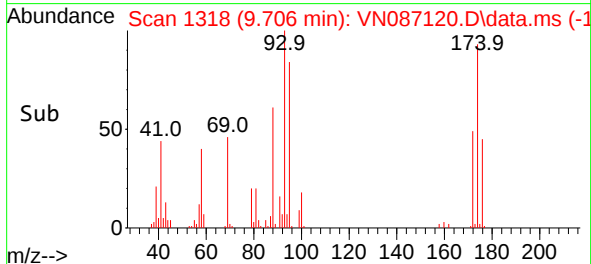
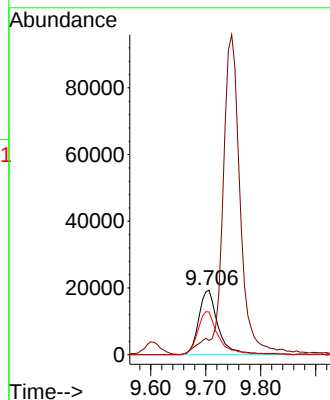
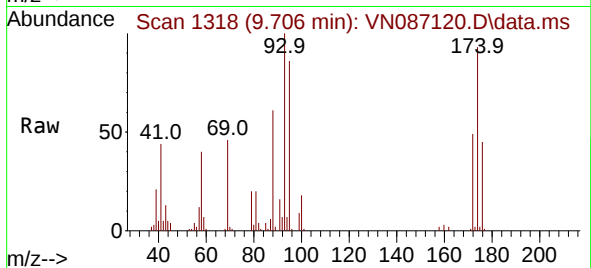
58 70.4 57.7 86.5

Manual Integrations

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Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#50

Toluene-d8

Concen: 49.330 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN087120.D

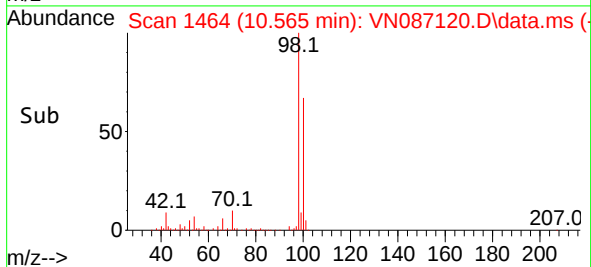
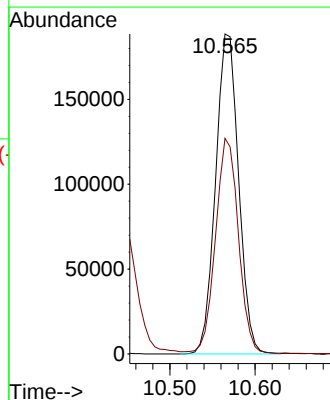
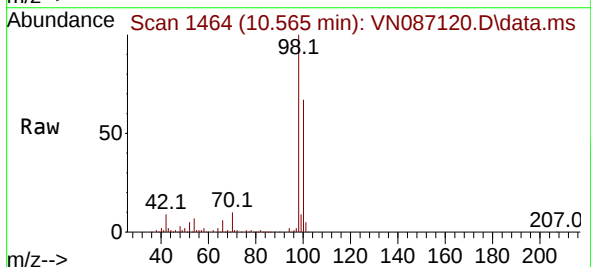
Acq: 19 Jun 2025 18:13

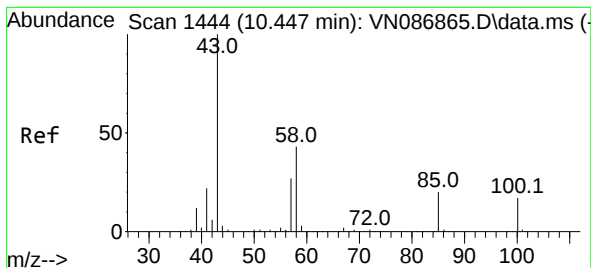
Tgt Ion: 98 Resp: 354172

Ion Ratio Lower Upper

98 100

100 67.3 53.4 80.0





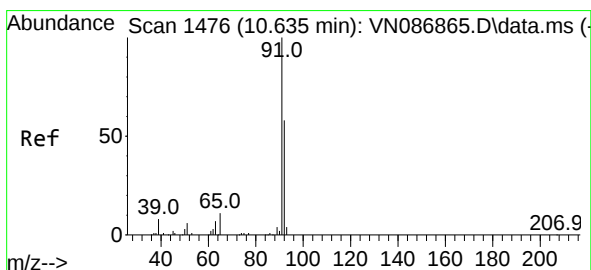
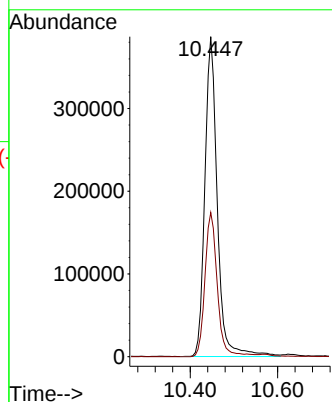
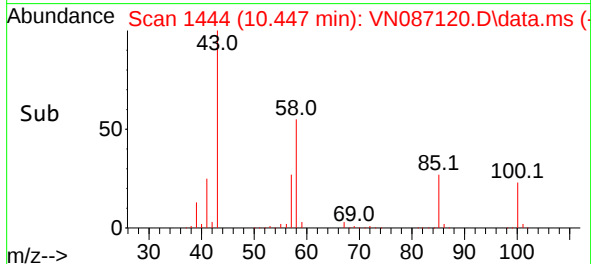
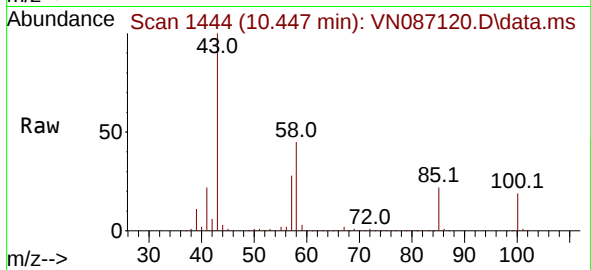
#51
4-Methyl-2-Pentanone
Concen: 230.578 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 766458
Ion Ratio Lower Upper
43 100
58 44.9 34.2 51.4

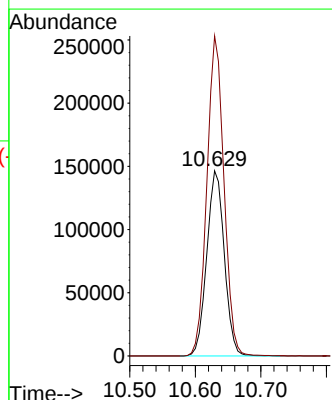
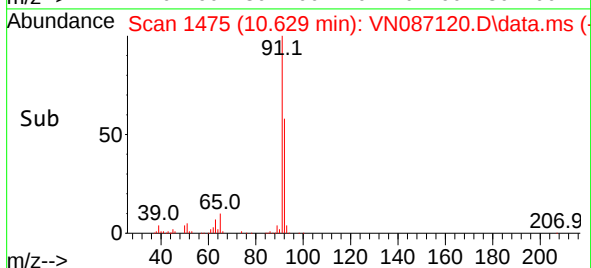
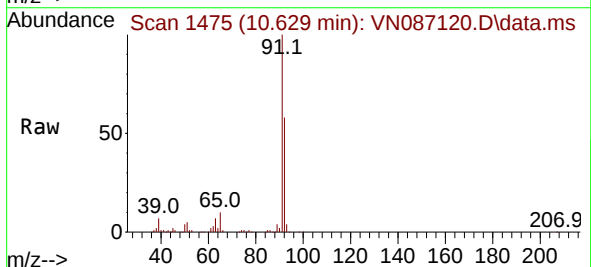
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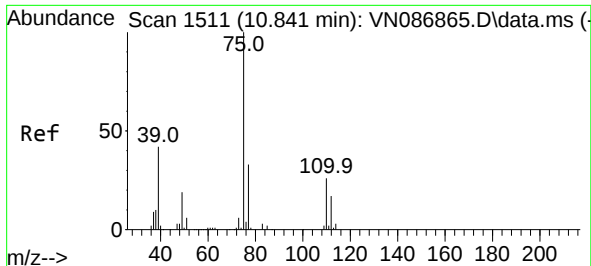
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#52
Toluene
Concen: 50.490 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

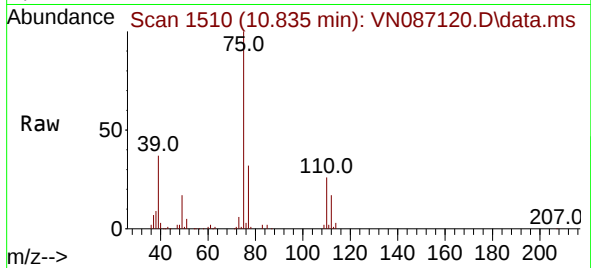
Tgt Ion: 92 Resp: 272681
Ion Ratio Lower Upper
92 100
91 168.2 136.5 204.7





#53
 t-1,3-Dichloropropene
 Concen: 50.304 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN087120.D
 Acq: 19 Jun 2025 18:13

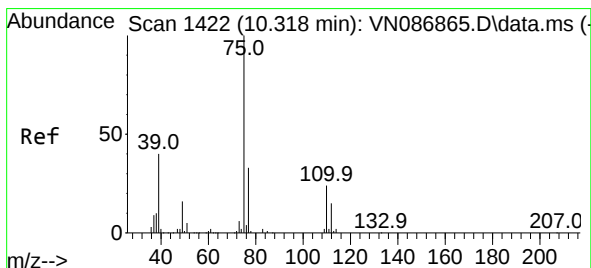
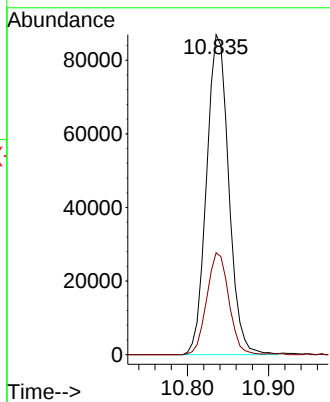
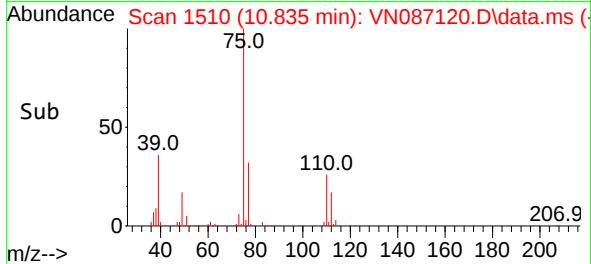
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 165272
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.4 39.6

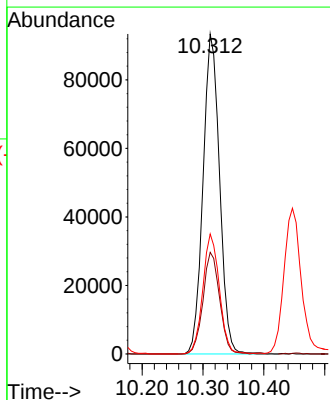
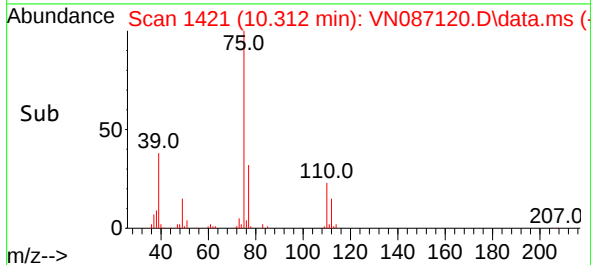
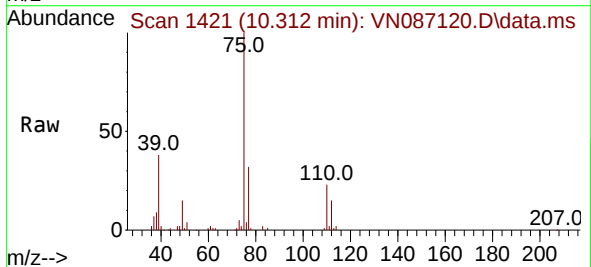
Manual Integrations
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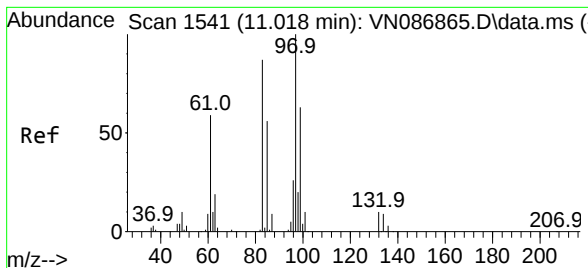
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#54
 cis-1,3-Dichloropropene
 Concen: 50.028 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN087120.D
 Acq: 19 Jun 2025 18:13

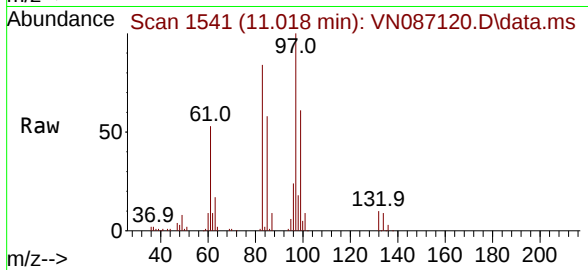
Tgt Ion: 75 Resp: 175866
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.2 39.4
 39 37.5 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 49.240 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

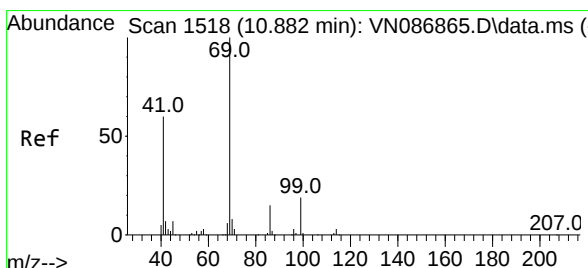
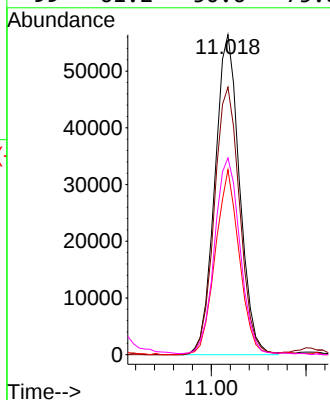
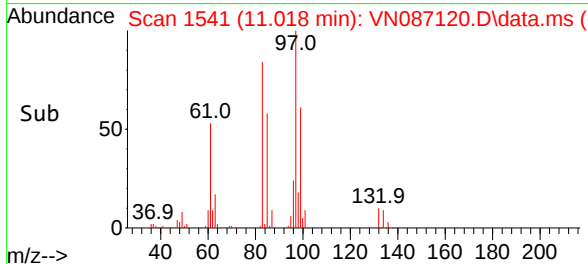
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



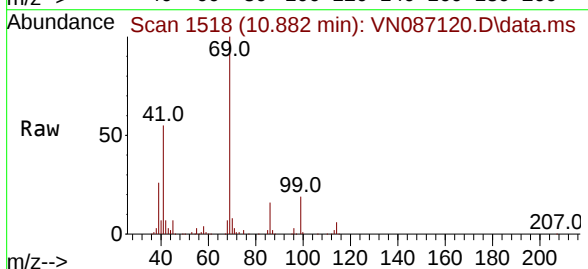
Tgt Ion: 97 Resp: 102325
Ion Ratio Lower Upper
97 100
83 83.6 69.7 104.5
85 57.8 45.1 67.7
99 61.2 50.6 75.8

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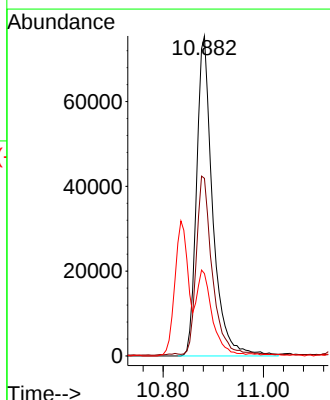
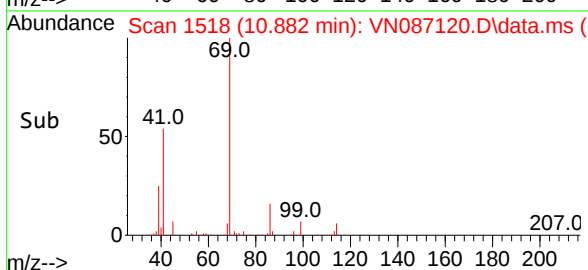
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

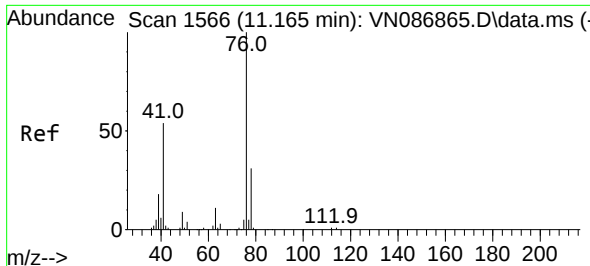


#56
Ethyl methacrylate
Concen: 50.911 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13



Tgt Ion: 69 Resp: 168508
Ion Ratio Lower Upper
69 100
41 55.1 47.2 70.8
39 25.2 23.0 34.6





#57

1,3-Dichloropropane

Concen: 49.502 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN087120.D

Acq: 19 Jun 2025 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 17844

Ion Ratio Lower Upper

76 100

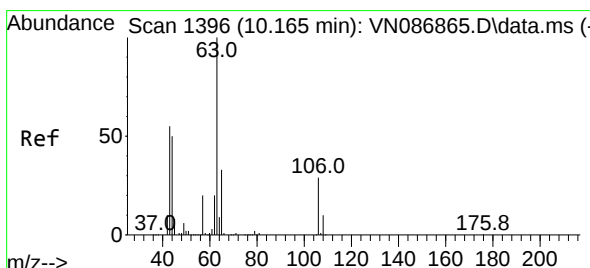
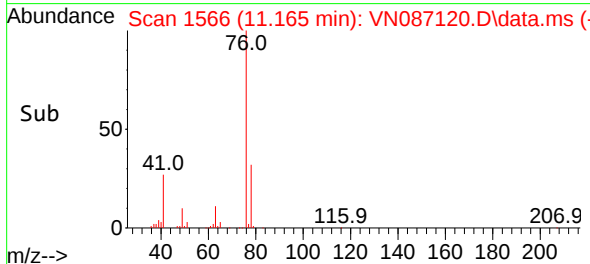
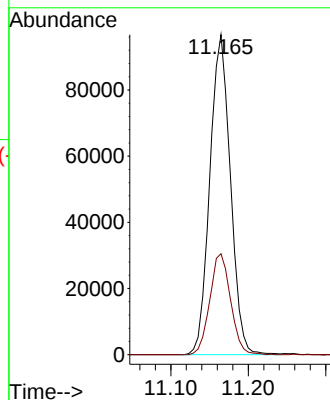
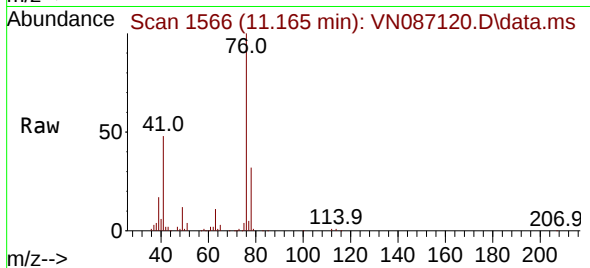
78 31.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 225.119 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN087120.D

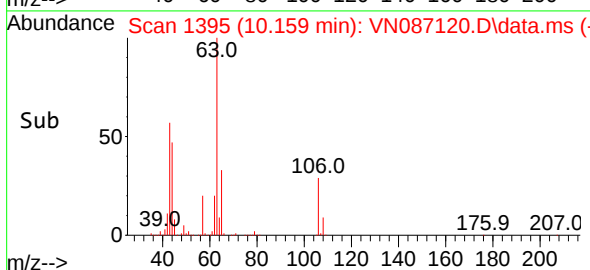
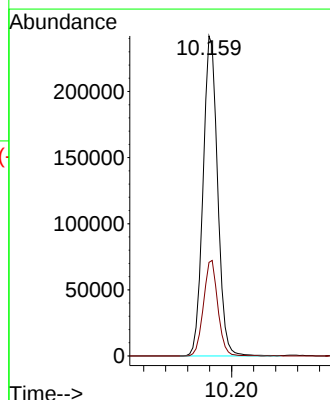
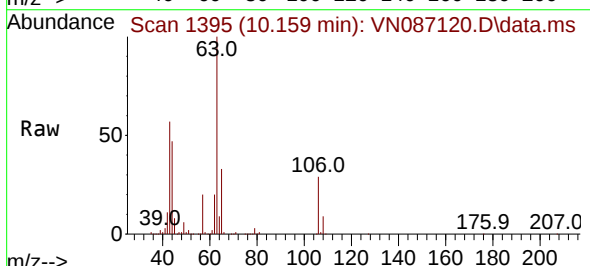
Acq: 19 Jun 2025 18:13

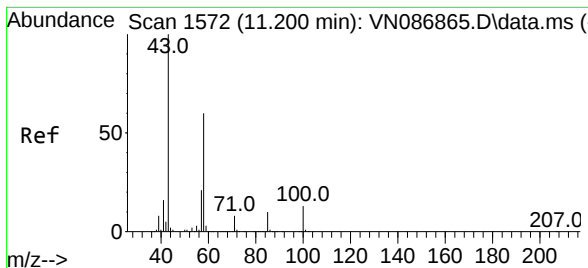
Tgt Ion: 63 Resp: 444423

Ion Ratio Lower Upper

63 100

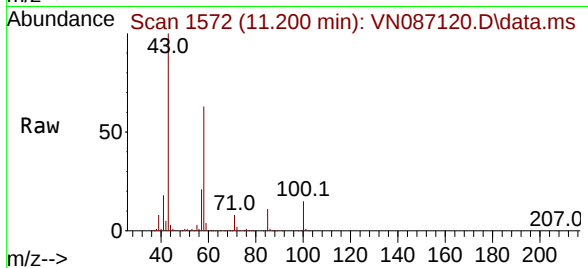
106 29.4 23.0 34.6





#59
2-Hexanone
Concen: 232.920 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

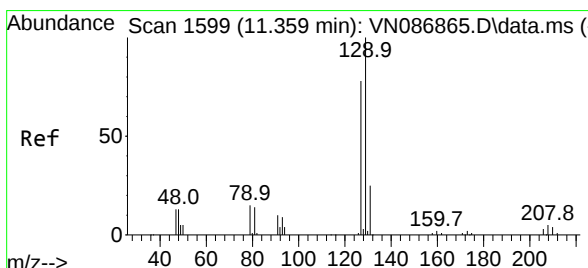
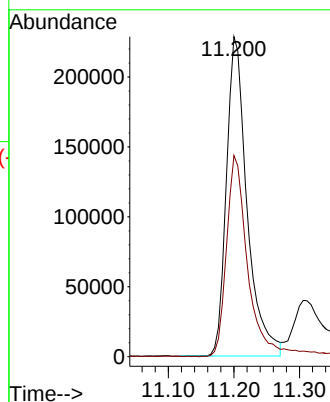
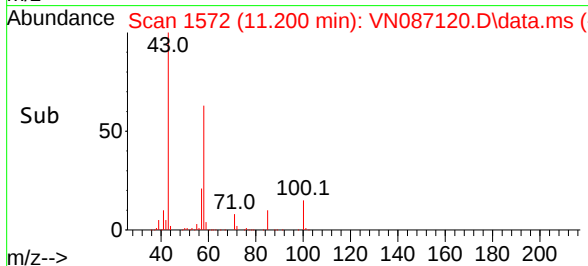
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 498710
Ion Ratio Lower Upper
43 100
58 66.2 30.4 91.3

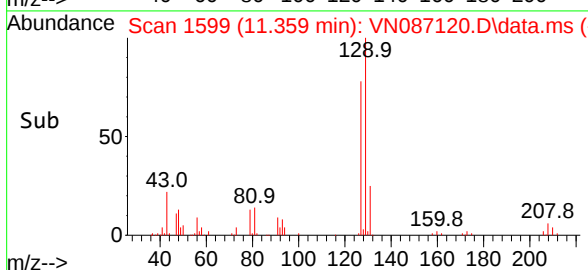
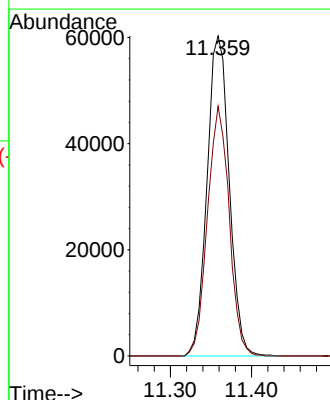
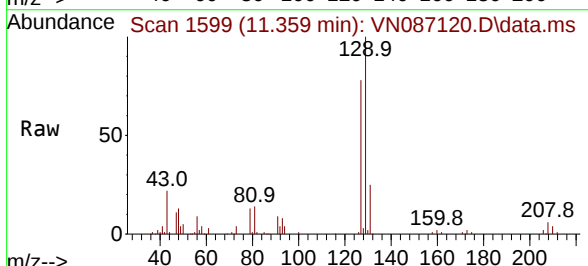
Manual Integrations
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Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#60
Dibromochloromethane
Concen: 52.840 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

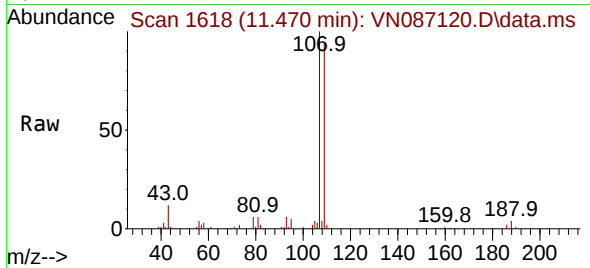
Tgt Ion:129 Resp: 114404
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.8





#61
1,2-Dibromoethane
Concen: 50.592 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

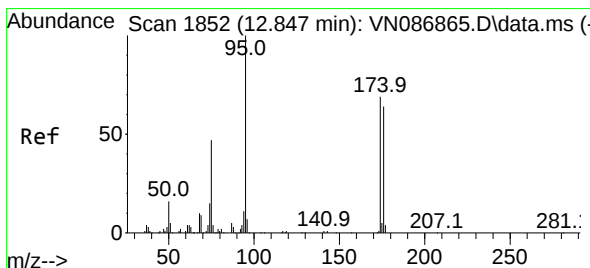
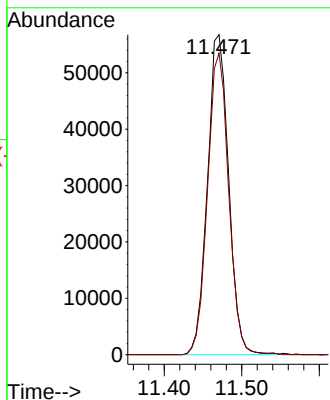
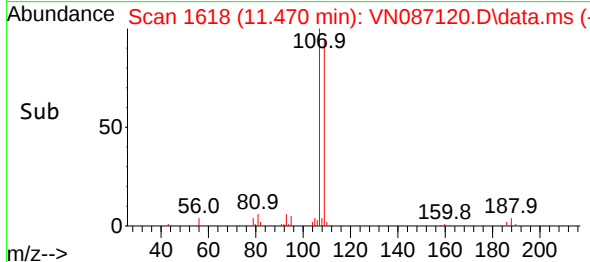
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



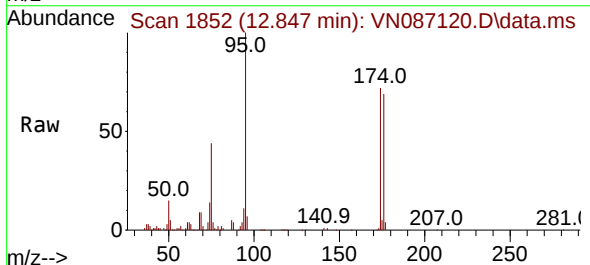
Tgt Ion:107 Resp: 10776
Ion Ratio Lower Upper
107 100
109 94.1 76.3 114.5

Manual Integrations
APPROVED

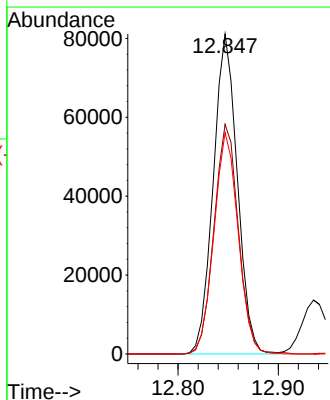
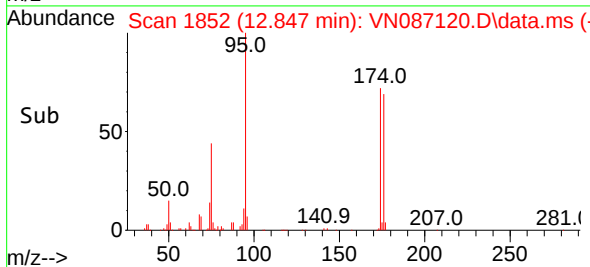
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

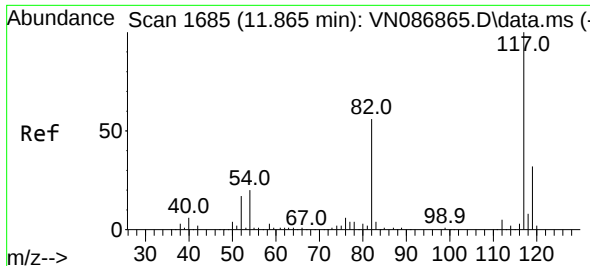


#62
4-Bromofluorobenzene
Concen: 50.563 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13



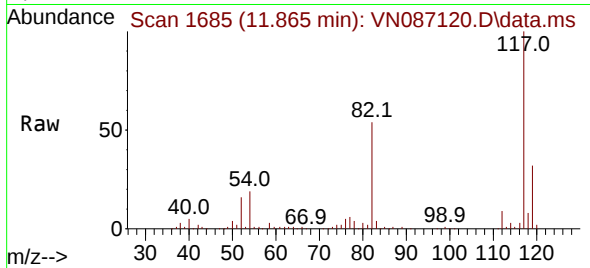
Tgt Ion: 95 Resp: 134875
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.8
176 69.6 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

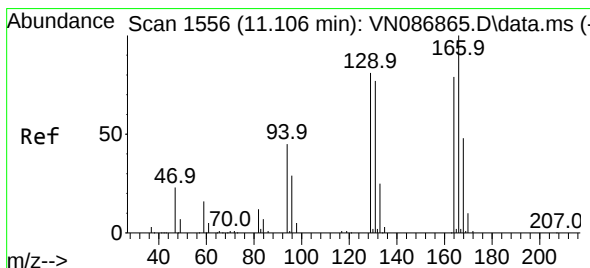
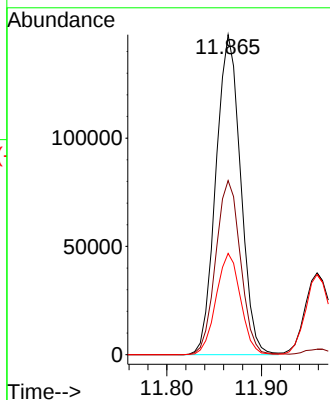
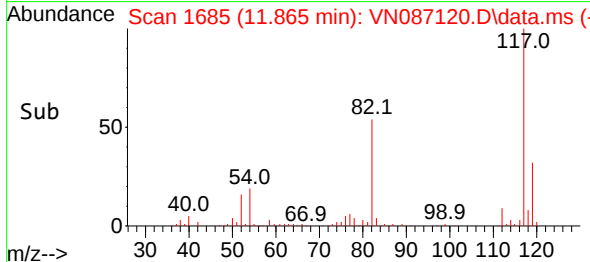
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 26836
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 31.6 25.5 38.3

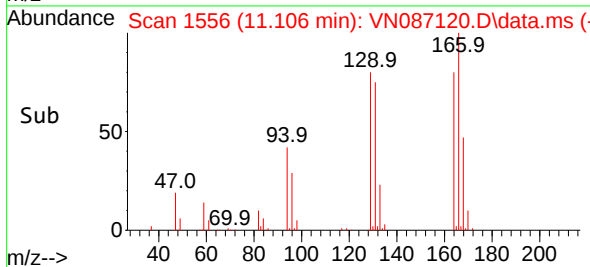
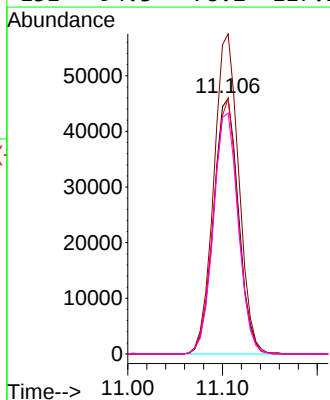
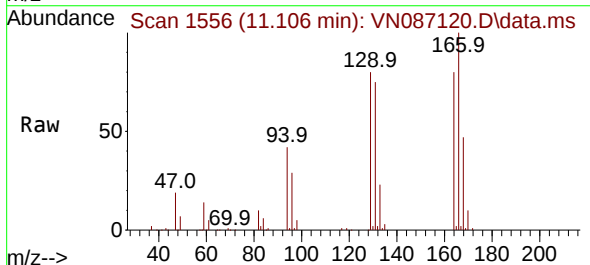
Manual Integrations
APPROVED

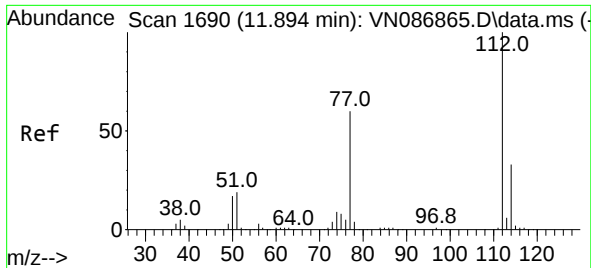
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#64
Tetrachloroethene
Concen: 49.473 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

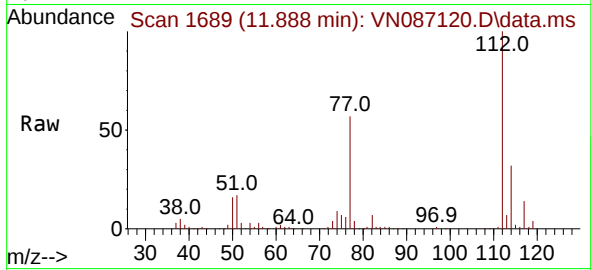
Tgt Ion:164 Resp: 84024
Ion Ratio Lower Upper
164 100
166 125.2 101.8 152.8
129 100.0 83.0 124.4
131 94.3 78.2 117.2





#65
Chlorobenzene
Concen: 50.461 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

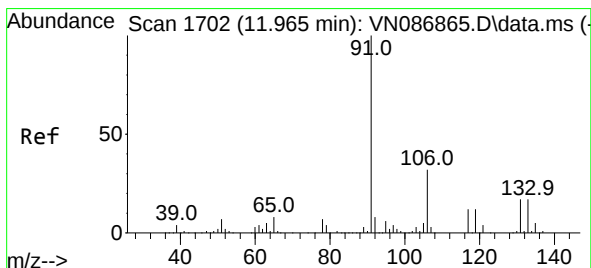
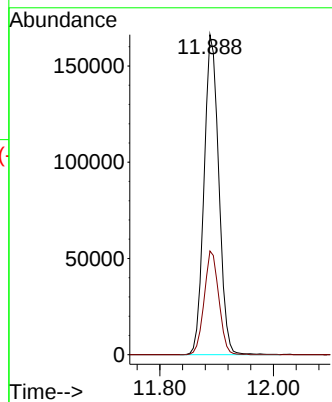
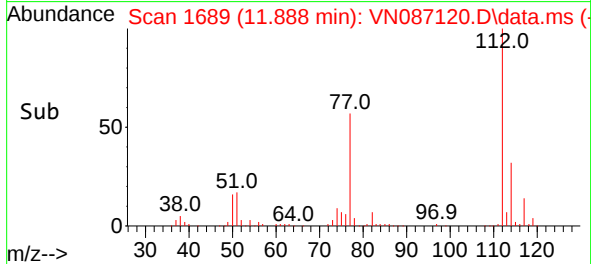
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 298669
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2

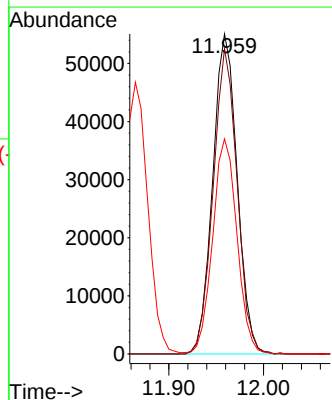
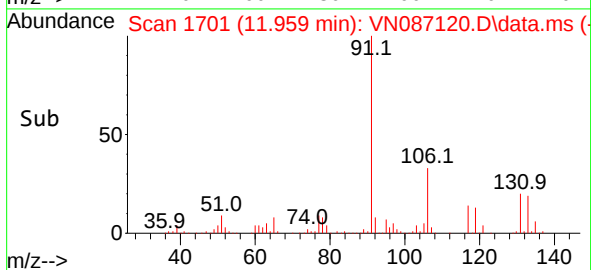
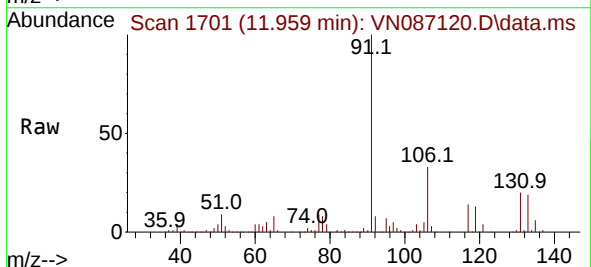
Manual Integrations
APPROVED

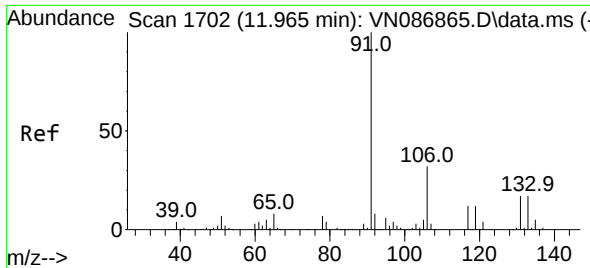
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.897 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Tgt Ion:131 Resp: 98738
Ion Ratio Lower Upper
131 100
133 93.7 48.3 144.8
119 67.1 34.0 101.8





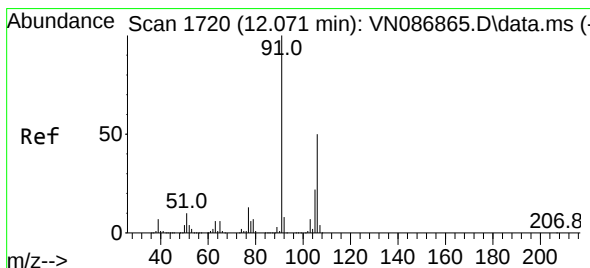
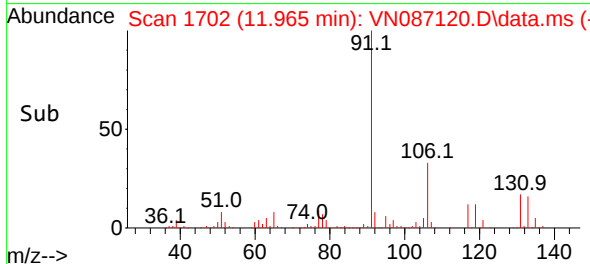
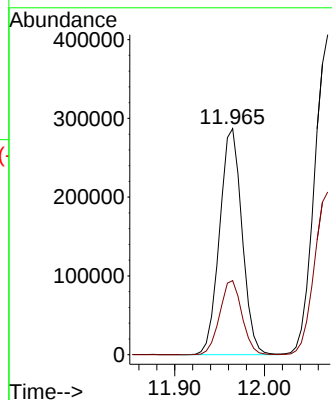
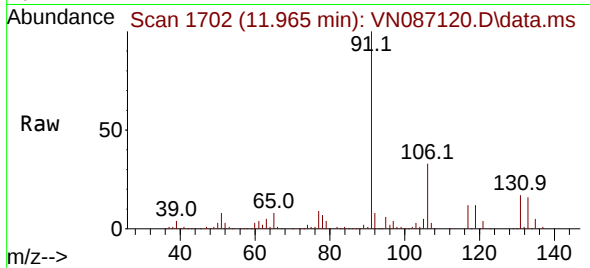
#67
Ethyl Benzene
Concen: 48.860 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 498120
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.2

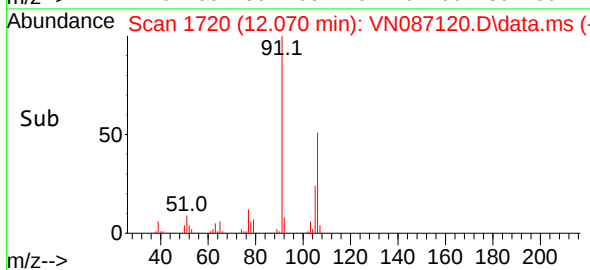
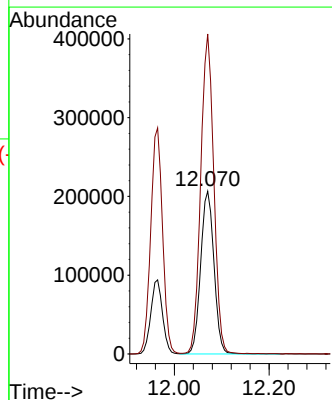
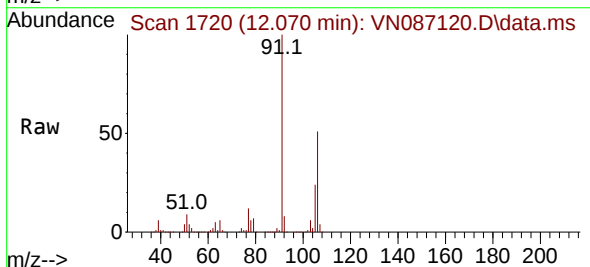
Manual Integrations
APPROVED

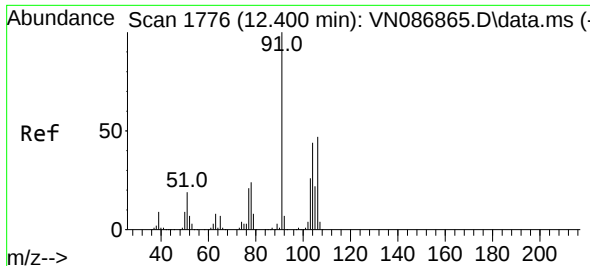
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#68
m/p-Xylenes
Concen: 103.171 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Tgt Ion:106 Resp: 402639
Ion Ratio Lower Upper
106 100
91 192.5 159.4 239.0





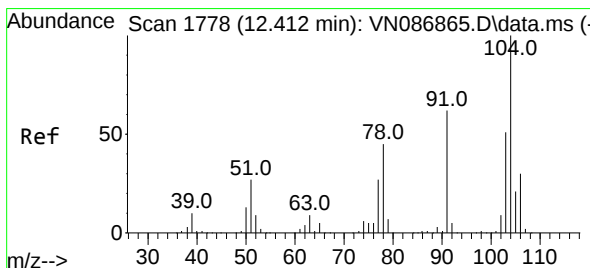
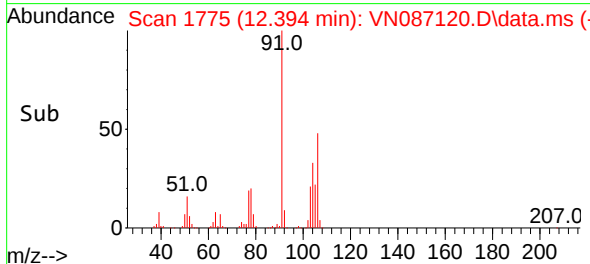
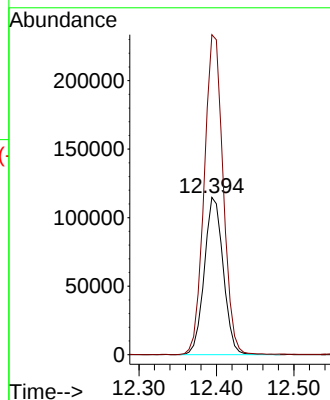
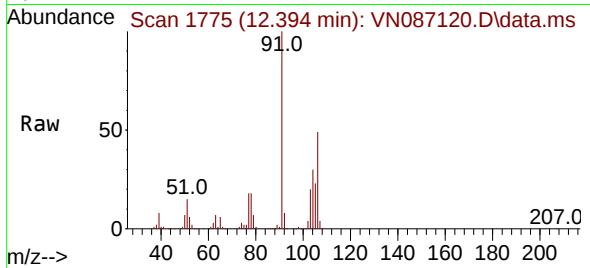
#69
o-Xylene
Concen: 52.041 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 194510
Ion Ratio Lower Upper
106 100
91 203.8 106.1 318.1

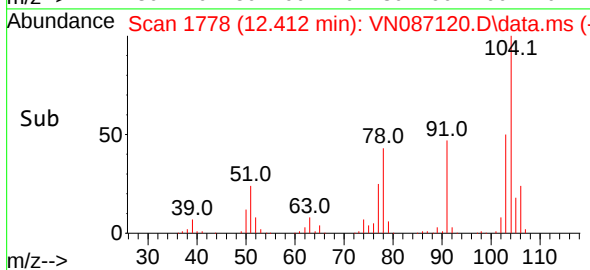
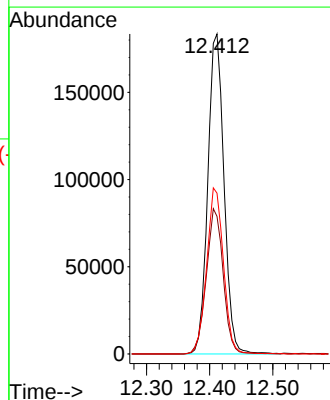
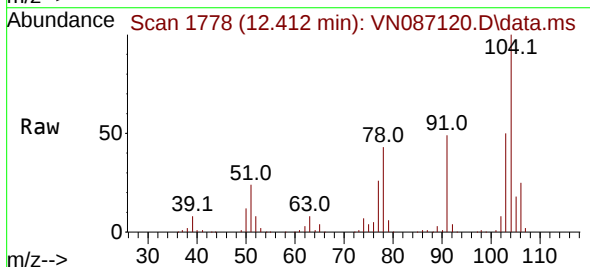
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#70
Styrene
Concen: 51.208 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Tgt Ion:104 Resp: 327523
Ion Ratio Lower Upper
104 100
78 47.4 38.5 57.7
103 54.0 43.1 64.7





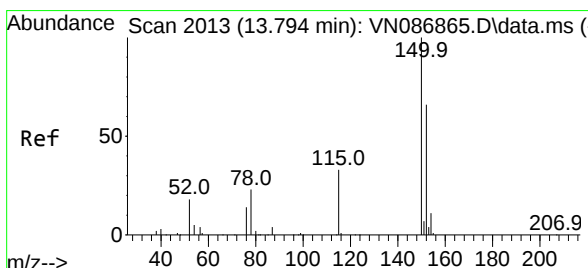
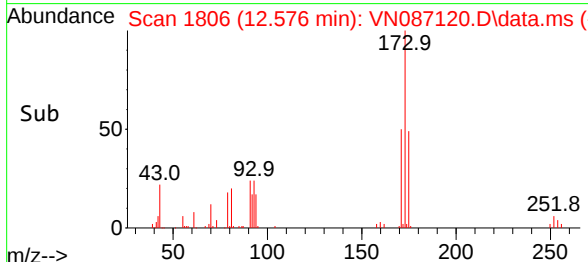
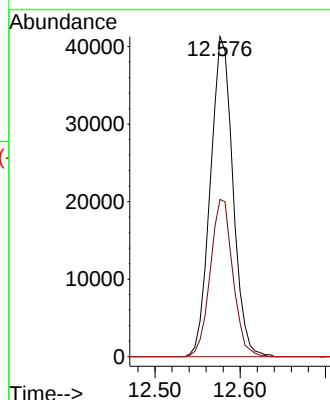
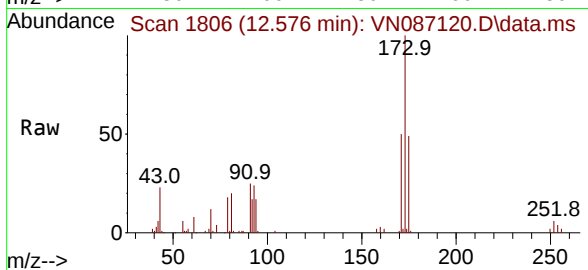
#71
Bromoform
Concen: 53.806 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 7585
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.4
254 0.0 0.0 0.0

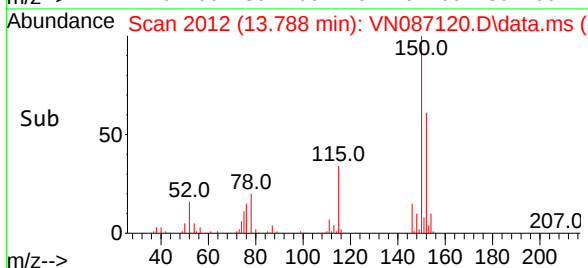
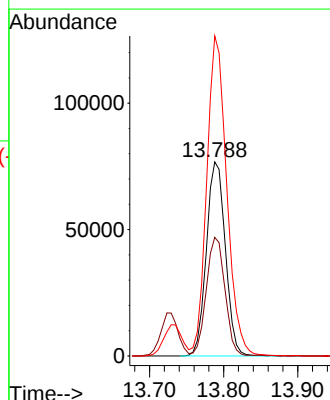
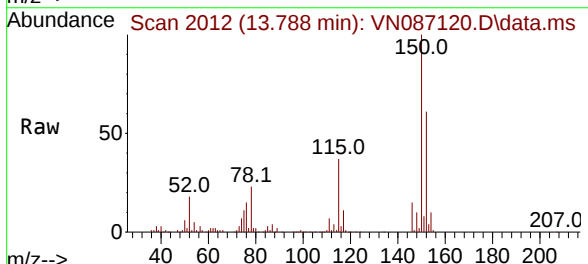
Manual Integrations
APPROVED

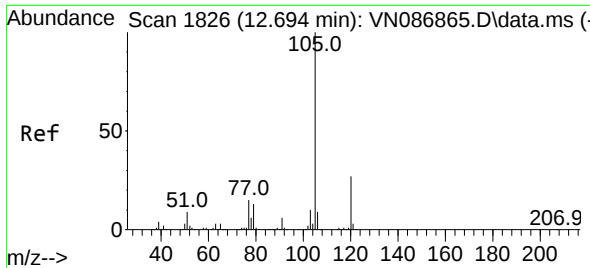
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

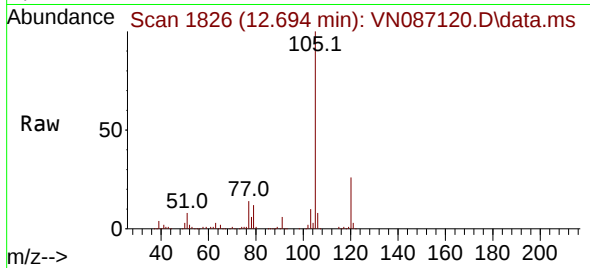
Tgt Ion:152 Resp: 136487
Ion Ratio Lower Upper
152 100
115 59.6 30.1 90.5
150 174.1 0.0 345.0





#73
Isopropylbenzene
Concen: 47.874 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

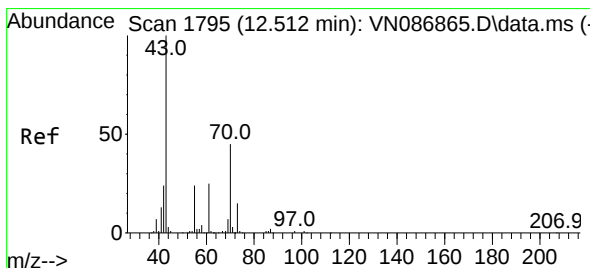
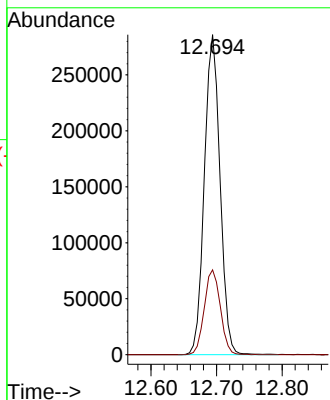
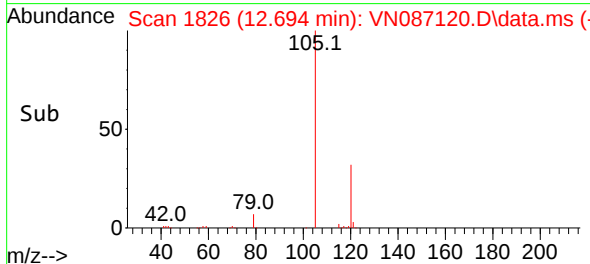
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



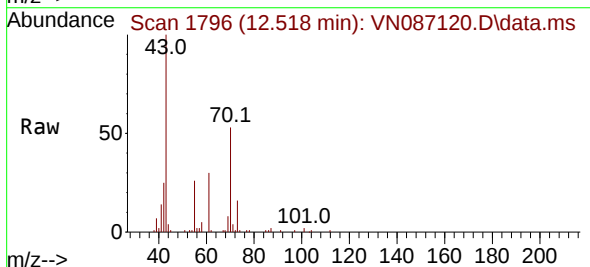
Tgt Ion:105 Resp: 47601
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

Manual Integrations
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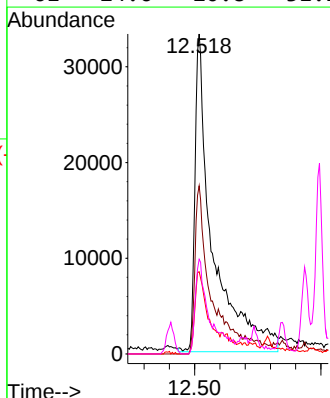
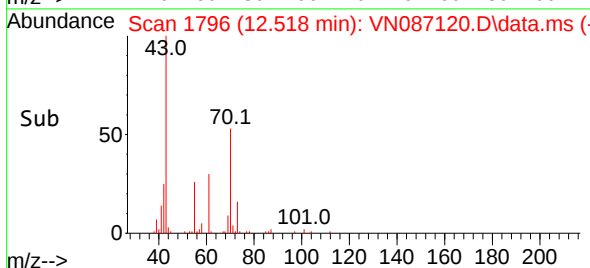
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

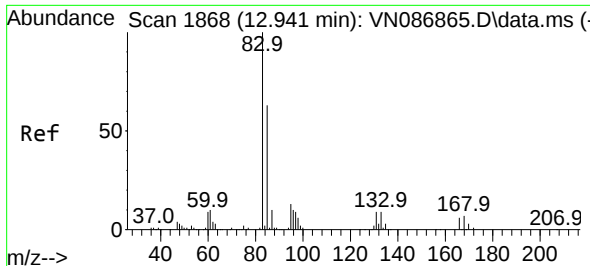


#74
N-ethyl acetate
Concen: 46.341 ug/l m
RT: 12.518 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13



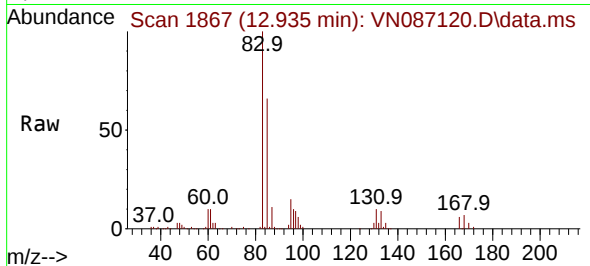
Tgt Ion: 43 Resp: 161016
Ion Ratio Lower Upper
43 100
70 34.9 37.6 56.4#
55 19.1 19.0 28.6
61 24.6 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.714 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

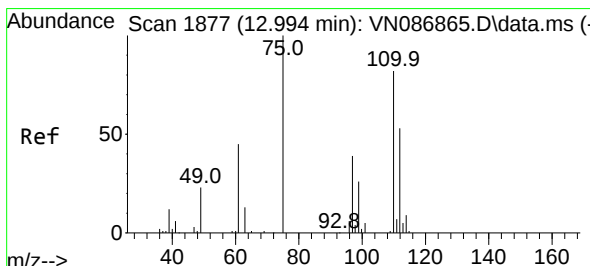
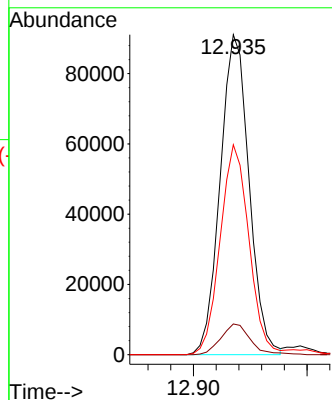
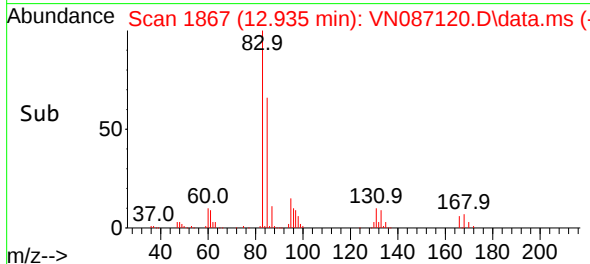
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 160720
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 65.5 32.0 96.0

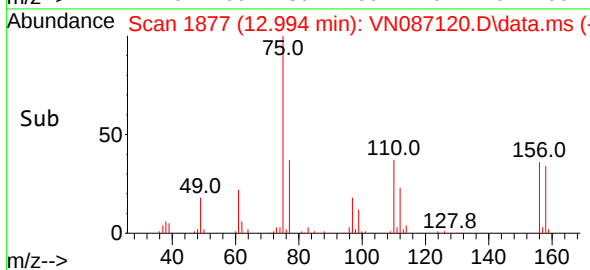
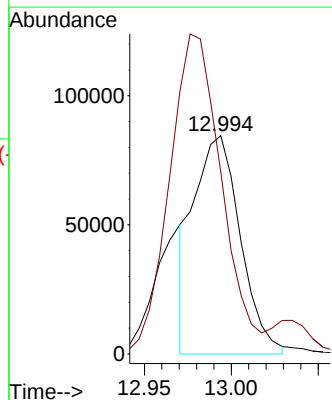
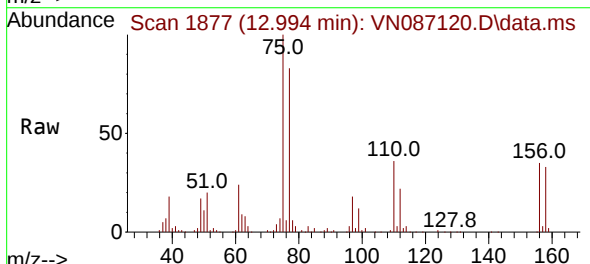
Manual Integrations
APPROVED

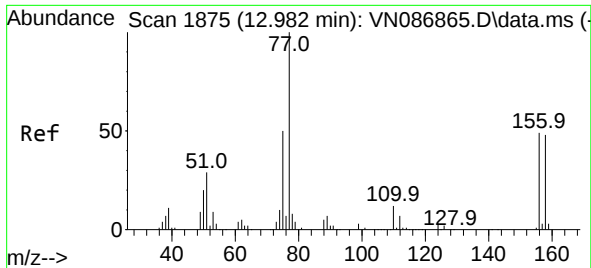
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#76
1,2,3-Trichloropropane
Concen: 48.046 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

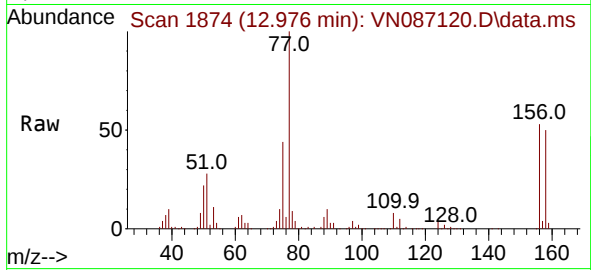
Tgt Ion: 75 Resp: 155878
Ion Ratio Lower Upper
75 100
77 165.1 79.3 237.9





#77
Bromobenzene
Concen: 51.165 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

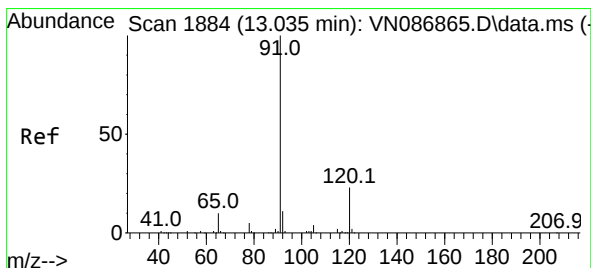
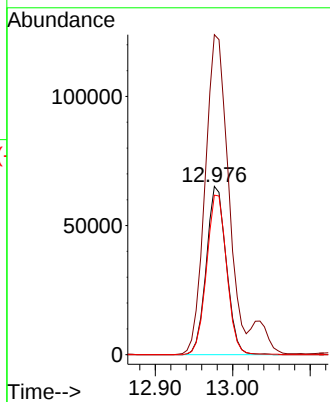
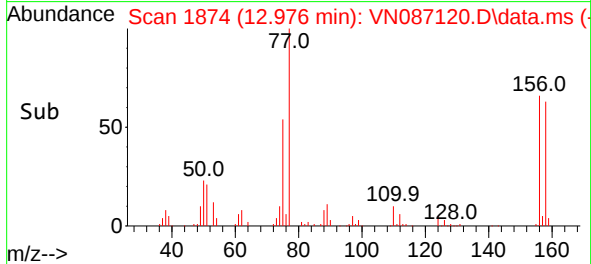
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 116672
Ion Ratio Lower Upper
156 100
77 220.6 117.7 353.1
158 95.7 48.1 144.4

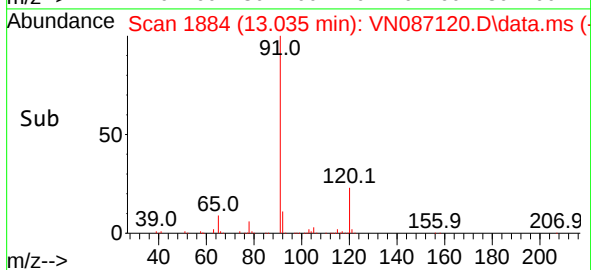
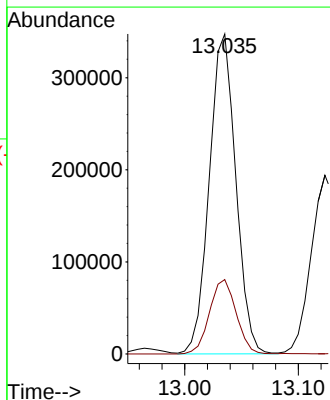
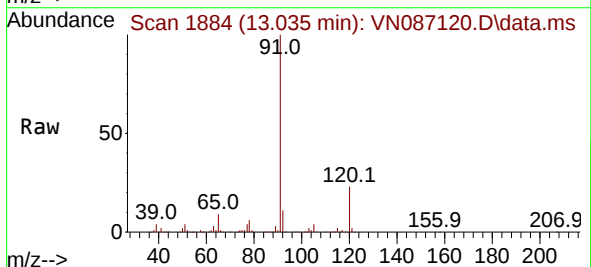
Manual Integrations
APPROVED

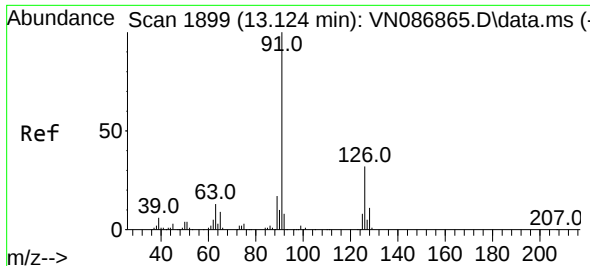
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#78
n-propylbenzene
Concen: 46.638 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Tgt Ion: 91 Resp: 563557
Ion Ratio Lower Upper
91 100
120 23.3 11.4 34.2





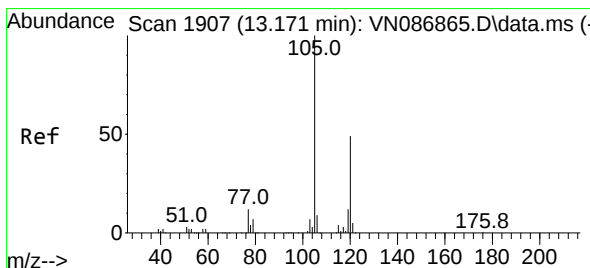
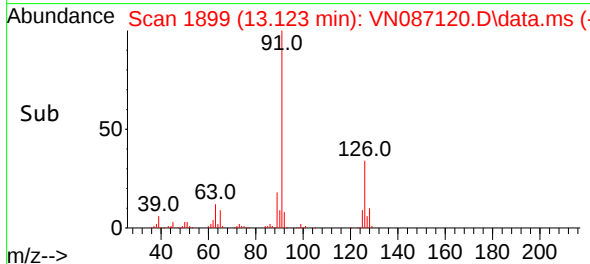
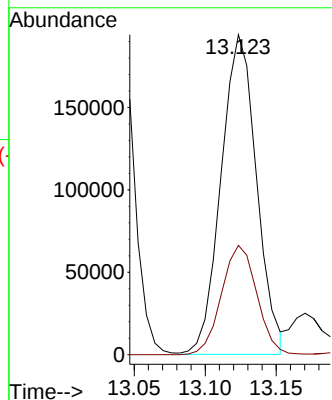
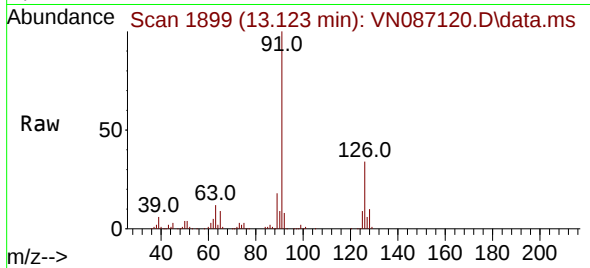
#79
2-Chlorotoluene
Concen: 46.477 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 336809
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.5

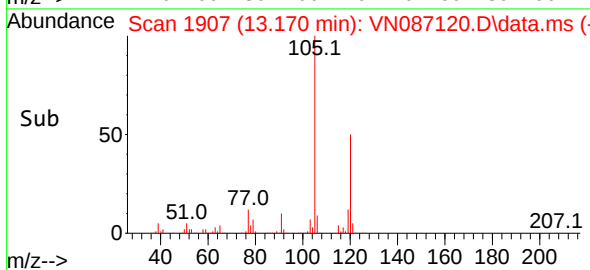
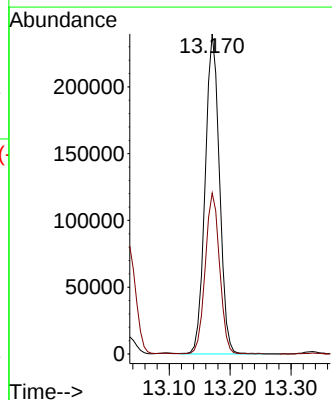
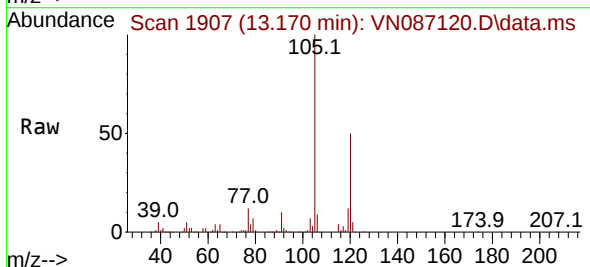
Manual Integrations
APPROVED

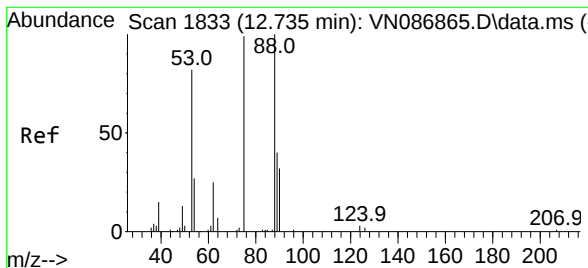
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.807 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

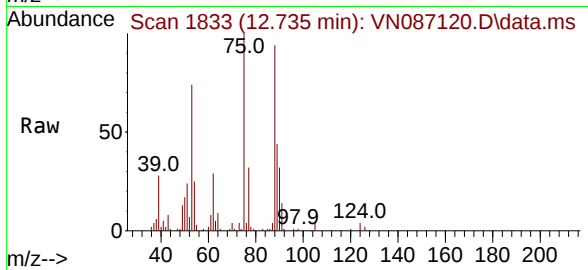
Tgt Ion:105 Resp: 392465
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.329 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

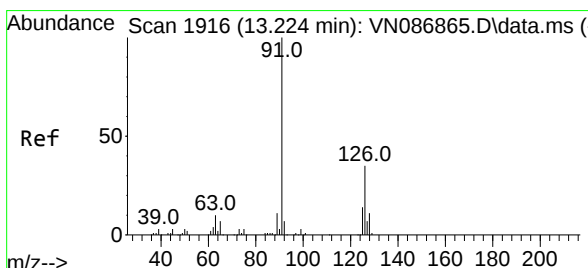
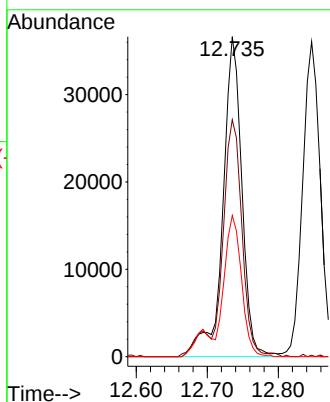
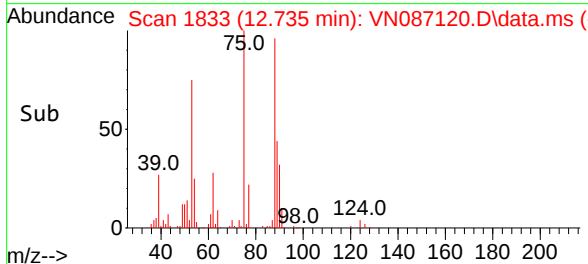
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 6811
Ion Ratio Lower Upper
75 100
53 71.4 66.6 99.8
89 39.6 36.7 55.1

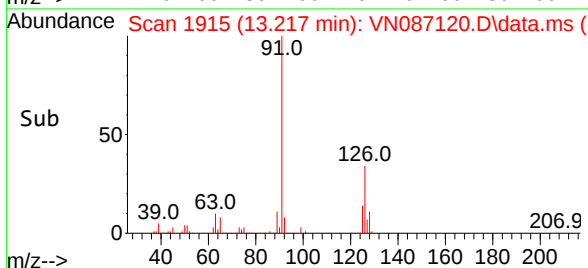
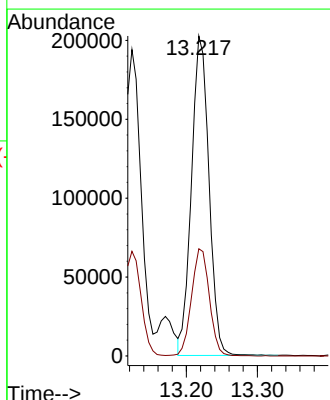
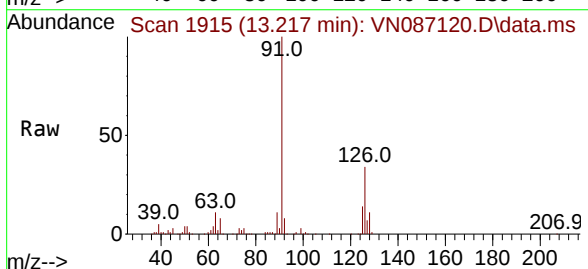
Manual Integrations
APPROVED

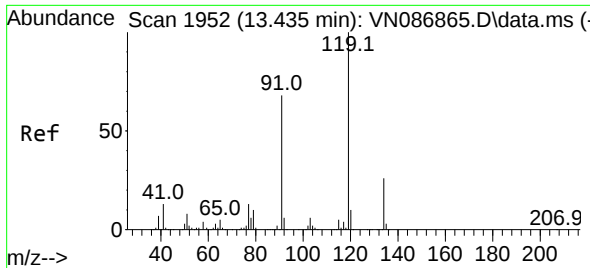
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#82
4-Chlorotoluene
Concen: 47.356 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Tgt Ion: 91 Resp: 347235
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.1





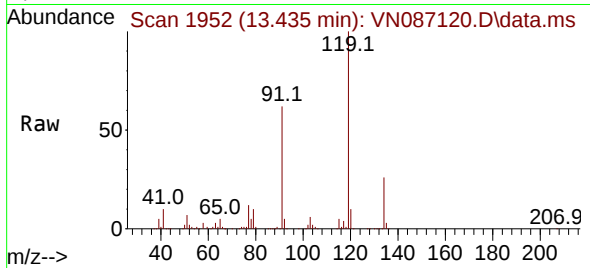
#83
tert-Butylbenzene
Concen: 44.991 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



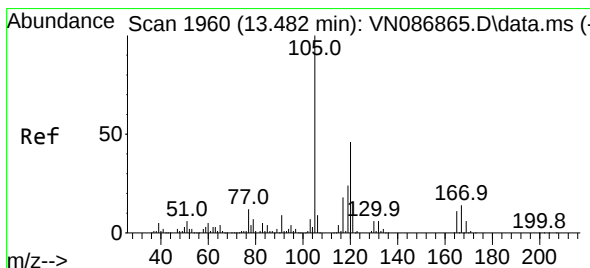
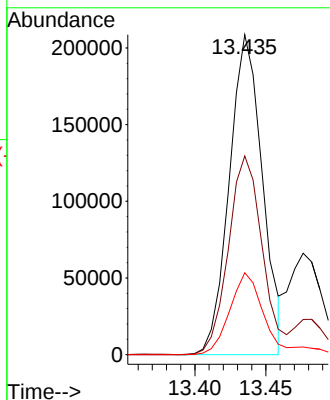
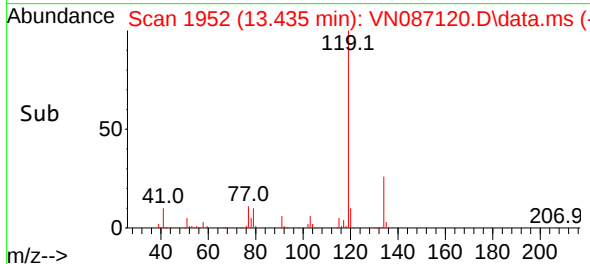
Tgt Ion:119 Resp: 338090
Ion Ratio Lower Upper
119 100
91 63.8 32.1 96.5
134 27.4 13.4 40.1

Manual Integrations

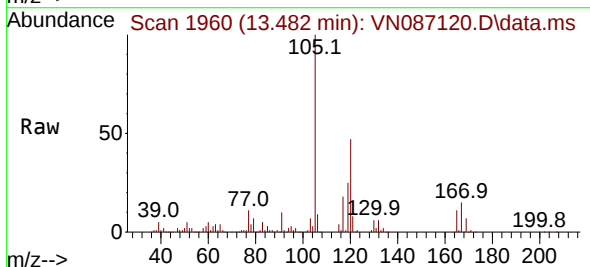
APPROVED

Reviewed By :John Carlone 06/20/2025

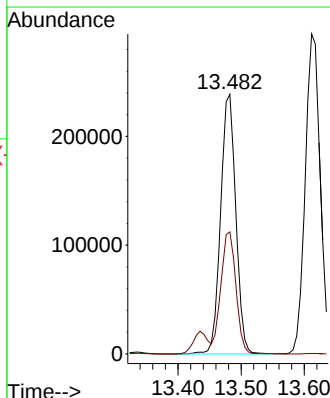
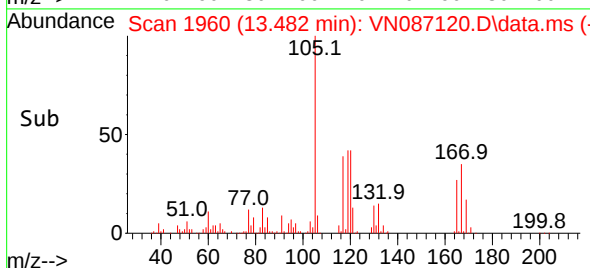
Supervised By :Mahesh Dadoda 06/21/2025

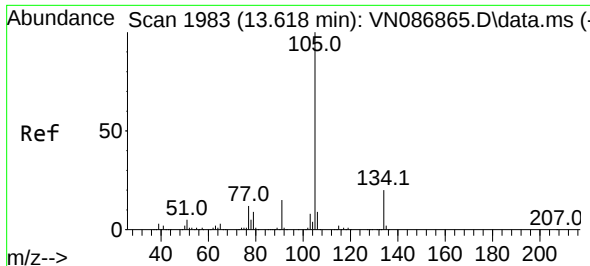


#84
1,2,4-Trimethylbenzene
Concen: 48.443 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13



Tgt Ion:105 Resp: 398780
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6





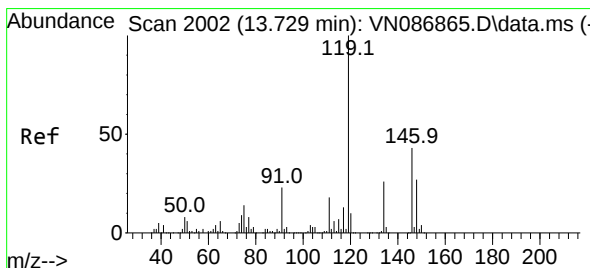
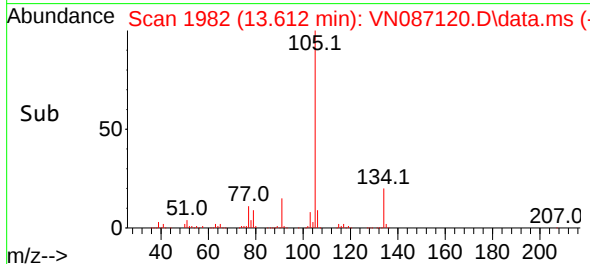
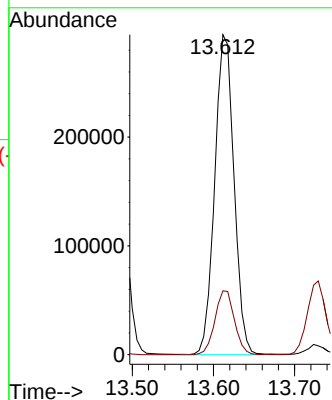
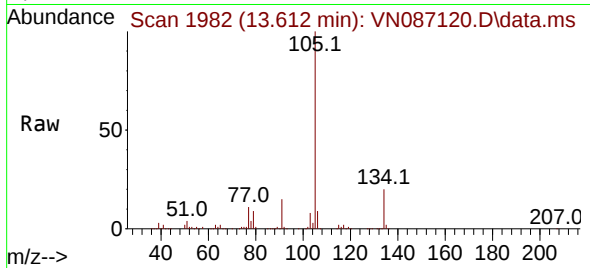
#85
 sec-Butylbenzene
 Concen: 44.538 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087120.D
 Acq: 19 Jun 2025 18:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 486035
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0

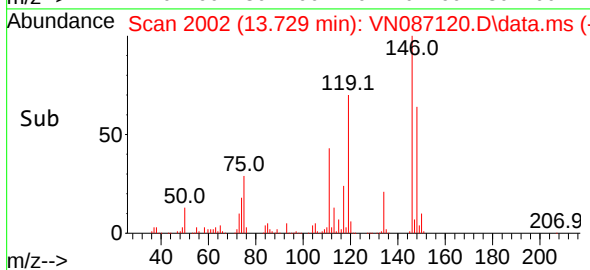
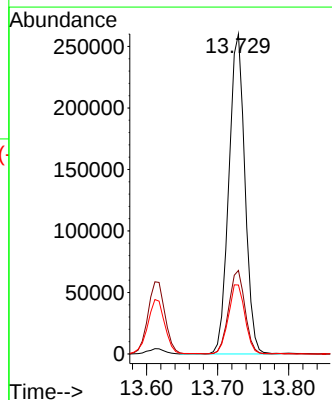
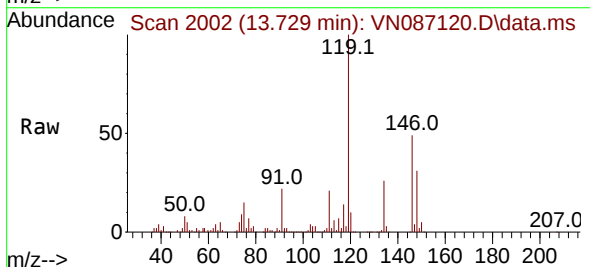
Manual Integrations
 APPROVED

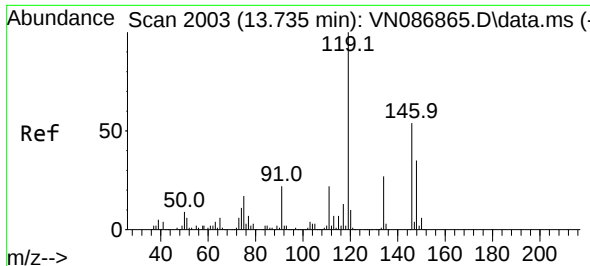
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#86
 p-Isopropyltoluene
 Concen: 45.321 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087120.D
 Acq: 19 Jun 2025 18:13

Tgt Ion:119 Resp: 408834
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 22.2 11.5 34.4





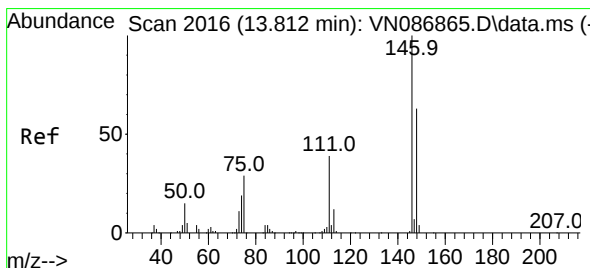
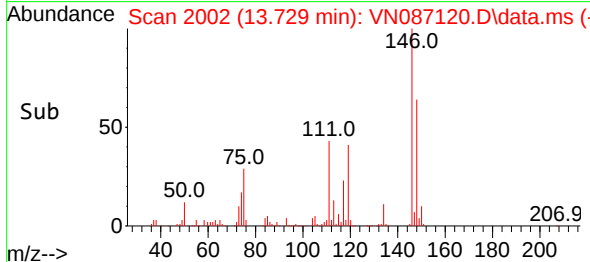
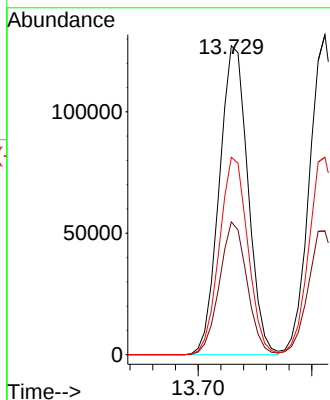
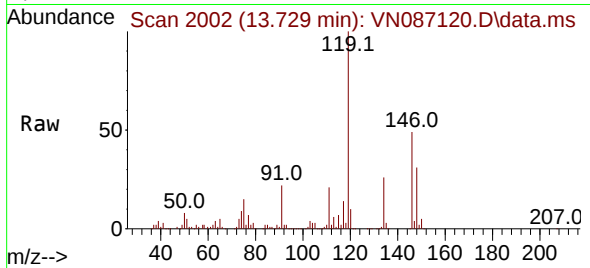
#87
1,3-Dichlorobenzene
Concen: 49.757 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 22323
Ion Ratio Lower Upper
146 100
111 41.4 20.9 62.8
148 63.5 32.0 96.2

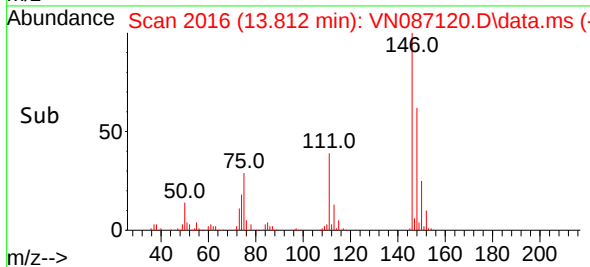
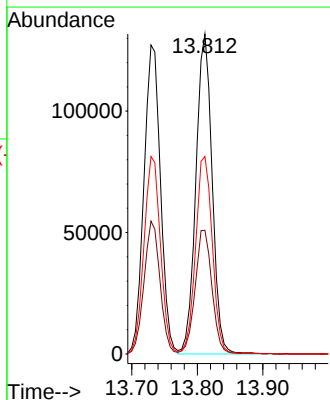
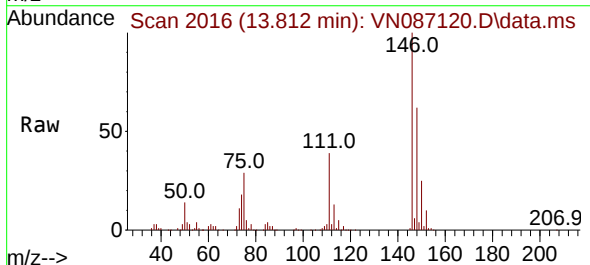
Manual Integrations
APPROVED

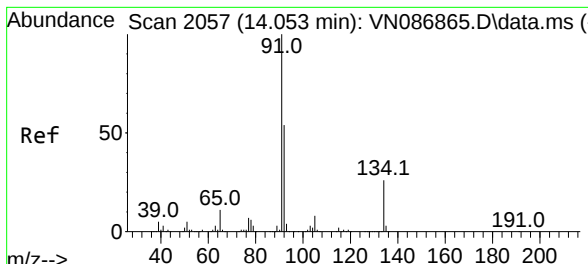
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#88
1,4-Dichlorobenzene
Concen: 49.767 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Tgt Ion:146 Resp: 227638
Ion Ratio Lower Upper
146 100
111 39.7 19.9 59.7
148 63.7 31.8 95.4



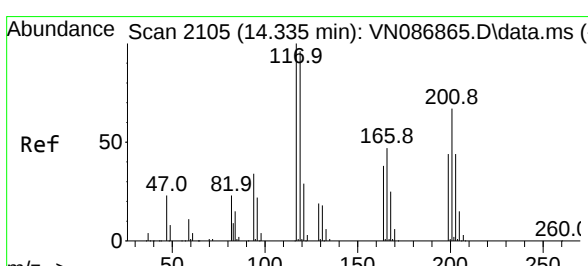
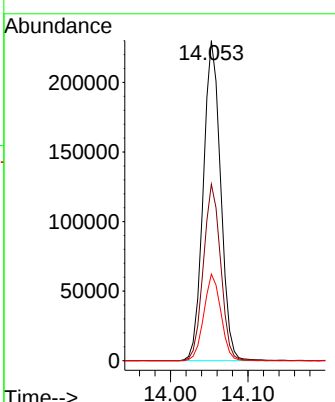
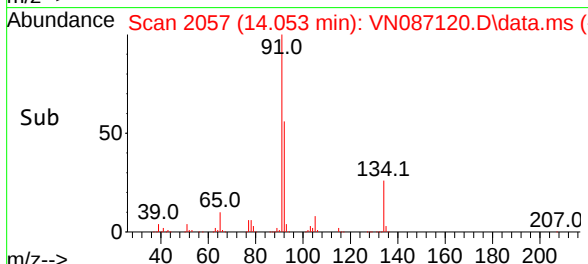
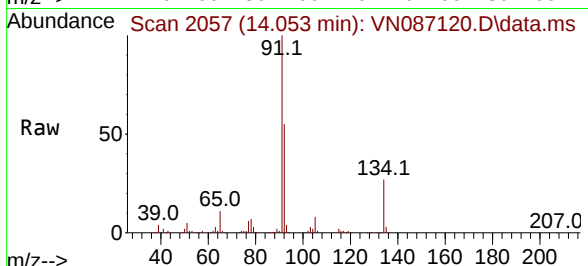


#89
 n-Butylbenzene
 Concen: 41.002 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VN087120.D
 Acq: 19 Jun 2025 18:13

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

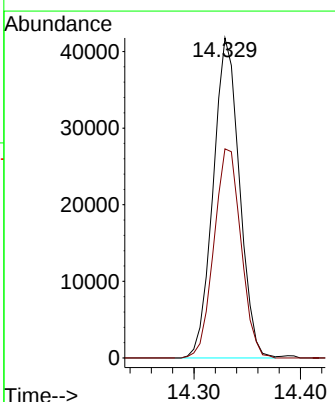
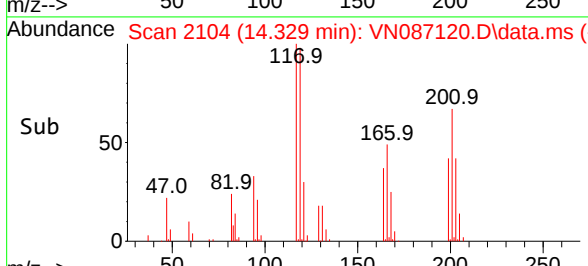
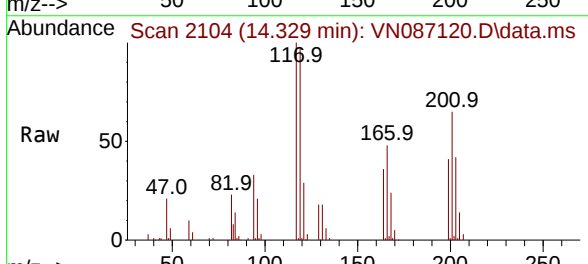
Tgt Ion:	91	Resp:	35826
Ion Ratio	Lower	Upper	
91	100		
92	54.7	27.5	82.4
134	26.5	13.0	39.0

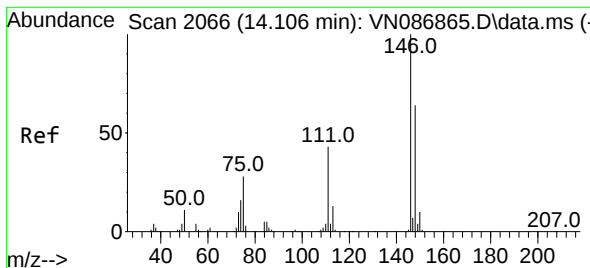
Manual Integrations
APPROVED
 Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#90
 Hexachloroethane
 Concen: 46.744 ug/l
 RT: 14.329 min Scan# 2104
 Delta R.T. -0.006 min
 Lab File: VN087120.D
 Acq: 19 Jun 2025 18:13

Tgt Ion:	117	Resp:	71475
Ion Ratio	Lower	Upper	
117	100		
201	67.4	33.2	99.6





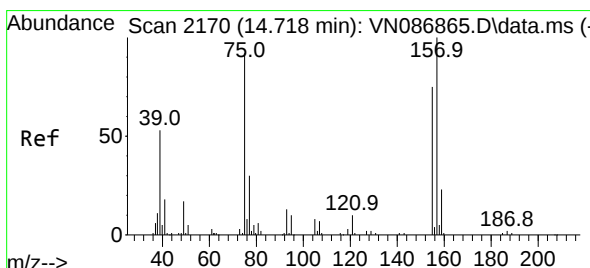
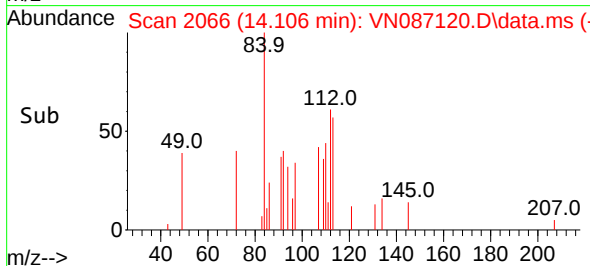
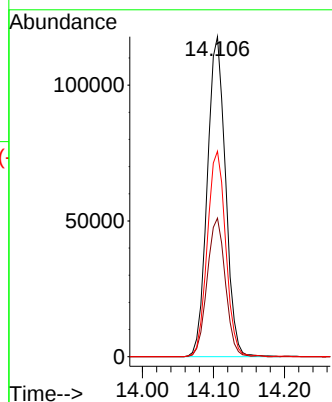
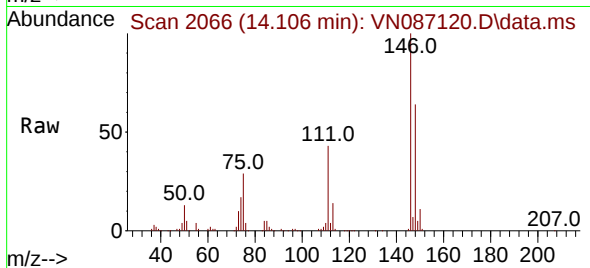
#91
1,2-Dichlorobenzene
Concen: 48.700 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 20991
Ion Ratio Lower Upper
146 100
111 43.4 21.6 64.6
148 65.0 31.7 95.1

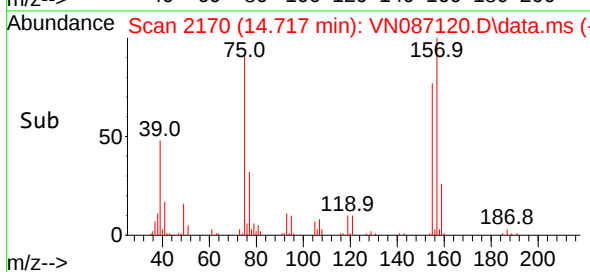
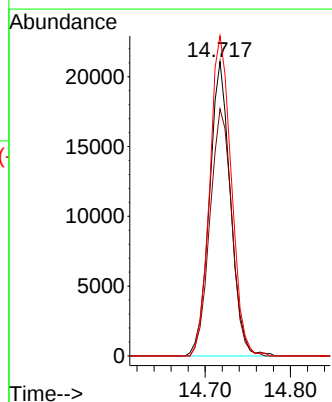
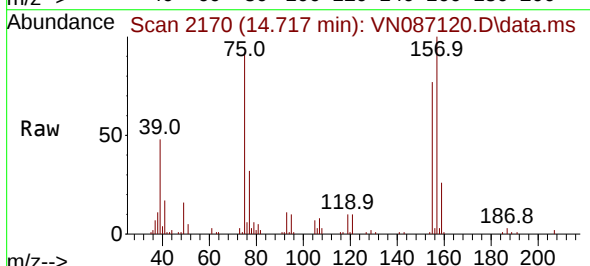
Manual Integrations
APPROVED

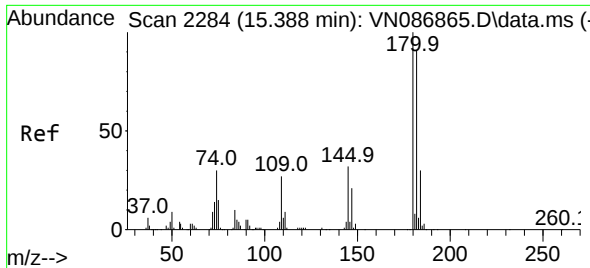
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.717 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

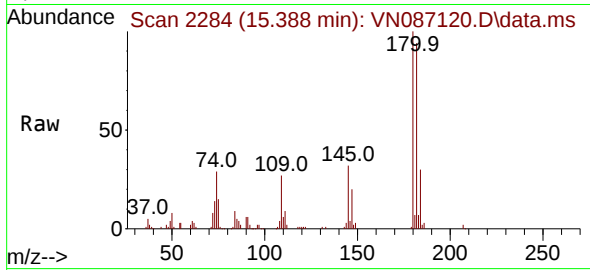
Tgt Ion: 75 Resp: 36024
Ion Ratio Lower Upper
75 100
155 87.3 41.1 123.4
157 112.1 52.7 158.1





#93
1,2,4-Trichlorobenzene
Concen: 44.406 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

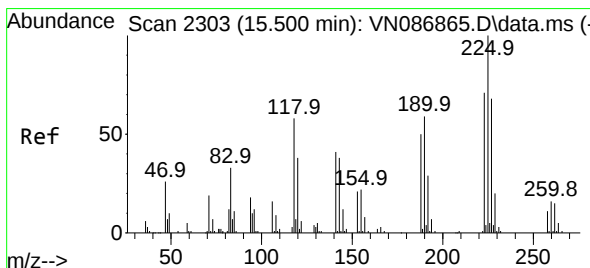
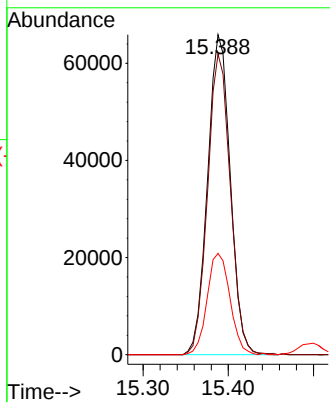
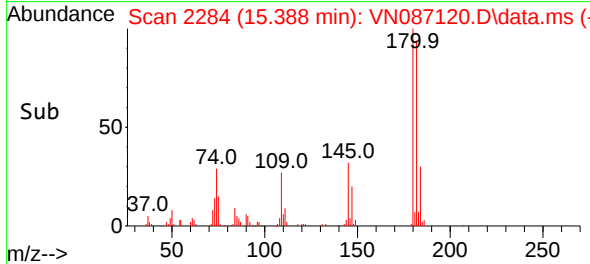
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



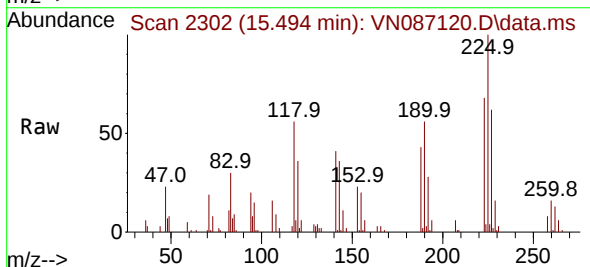
Tgt Ion:180 Resp: 122224
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.7
145 31.8 16.0 47.9

Manual Integrations
APPROVED

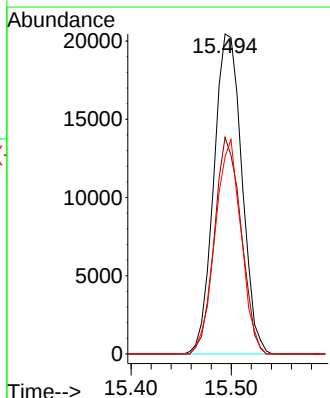
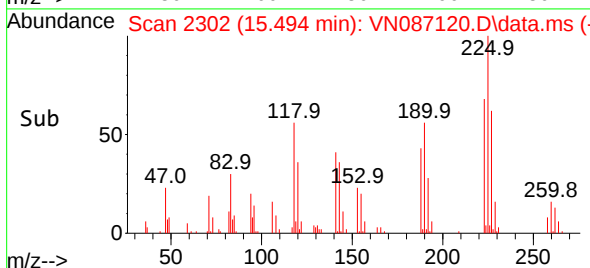
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

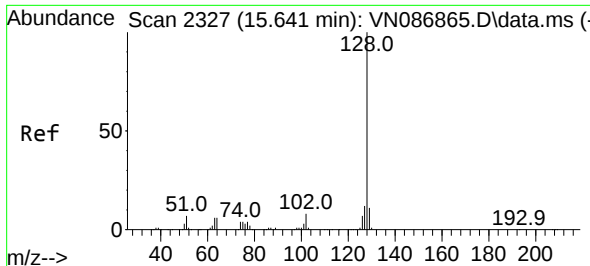


#94
Hexachlorobutadiene
Concen: 38.652 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13



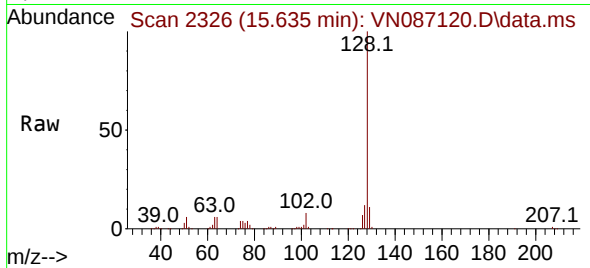
Tgt Ion:225 Resp: 39636
Ion Ratio Lower Upper
225 100
223 64.5 33.5 100.4
227 62.2 31.1 93.5





#95
Naphthalene
Concen: 46.438 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

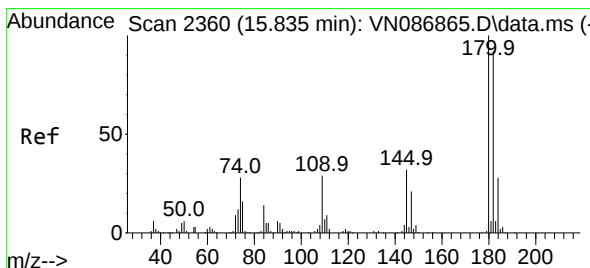
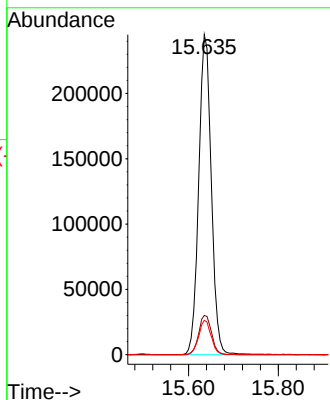
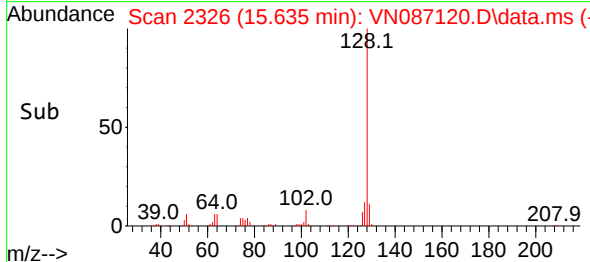
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 475760
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 42.704 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087120.D
Acq: 19 Jun 2025 18:13

Tgt Ion:180 Resp: 116780
Ion Ratio Lower Upper
180 100
182 94.7 47.0 141.0
145 33.4 16.6 49.8

