

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063025\
 Data File : VN087243.D
 Acq On : 30 Jun 2025 14:51
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 01 02:55:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 02:39:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/01/2025
 Supervised By : Mahesh Dadoda 07/01/2025

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	144785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	231495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	217442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	284800	156.730	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	313.460%#
35) Dibromofluoromethane	8.171	113	239662	161.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	323.360%#
50) Toluene-d8	10.565	98	961393	166.399	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	332.800%#
62) 4-Bromofluorobenzene	12.847	95	350896	170.692	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	341.380%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	232015	164.665	ug/l	98
3) Chloromethane	2.395	50	185994	162.563	ug/l	97
4) Vinyl Chloride	2.554	62	212464	151.044	ug/l	97
5) Bromomethane	2.959	94	208471	162.411	ug/l	99
6) Chloroethane	3.136	64	162523	145.867	ug/l	94
7) Trichlorofluoromethane	3.518	101	348210	142.660	ug/l	99
8) Diethyl Ether	3.977	74	119483	153.392	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.395	101	209895	148.114	ug/l	100
10) Methyl Iodide	4.606	142	238964	169.942	ug/l	99
11) Tert butyl alcohol	5.553	59	240570	726.420	ug/l	99
12) 1,1-Dichloroethene	4.365	96	205963	152.987	ug/l	98
13) Acrolein	4.200	56	195041	850.319	ug/l	97
14) Allyl chloride	5.048	41	255342	154.757	ug/l	98
15) Acrylonitrile	5.736	53	634435	771.123	ug/l	100
16) Acetone	4.448	43	491715	707.789	ug/l	98
17) Carbon Disulfide	4.736	76	571179	141.408	ug/l	97
18) Methyl Acetate	5.042	43	240471	151.201	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	755437	160.106	ug/l	99
20) Methylene Chloride	5.295	84	218472	141.960	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	243156	149.470	ug/l	99
22) Diisopropyl ether	6.683	45	681059	172.402	ug/l	97
23) Vinyl Acetate	6.618	43	3242675	887.566	ug/l	97
24) 1,1-Dichloroethane	6.583	63	397782	153.686	ug/l	98
25) 2-Butanone	7.494	43	869715	801.082	ug/l	99
26) 2,2-Dichloropropane	7.500	77	378234	152.715	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	291807	155.323	ug/l	99
28) Bromochloromethane	7.824	49	182313	159.583	ug/l	94
29) Tetrahydrofuran	7.847	42	595175	850.732	ug/l	97
30) Chloroform	7.971	83	443990	154.763	ug/l	99
31) Cyclohexane	8.265	56	359235	145.162	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	401169	150.153	ug/l	96
36) 1,1-Dichloropropene	8.377	75	323489	160.482	ug/l	100
37) Ethyl Acetate	7.571	43	353864	163.305	ug/l	99
38) Carbon Tetrachloride	8.371	117	355556	155.668	ug/l	99
39) Methylcyclohexane	9.606	83	397360	165.531	ug/l	97
40) Benzene	8.612	78	982098	157.264	ug/l	99

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Manual Integrations APPROVED

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 Supervised By :Mahesh Dadoda 07/01/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	179444	173.198	ug/l	98
42) 1,2-Dichloroethane	8.677	62	327038	157.473	ug/l	100
43) Isopropyl Acetate	8.694	43	569057	169.340	ug/l	99
44) Trichloroethene	9.353	130	257135	154.958	ug/l	97
45) 1,2-Dichloropropane	9.624	63	222118	163.131	ug/l	96
46) Dibromomethane	9.712	93	181357	156.568	ug/l	99
47) Bromodichloromethane	9.888	83	343525	155.500	ug/l	99
48) Methyl methacrylate	9.682	41	254189	179.473	ug/l	96
49) 1,4-Dioxane	9.706	88	90644	3038.212	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	1853562	901.509	ug/l	99
52) Toluene	10.630	92	680922	166.257	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	404704	170.798	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	401966	166.504	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	241610	156.165	ug/l	99
56) Ethyl methacrylate	10.877	69	407510	179.778	ug/l	97
57) 1,3-Dichloropropane	11.165	76	401258	158.907	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	1063072	887.389	ug/l	97
59) 2-Hexanone	11.200	43	1322306	916.442	ug/l	95
60) Dibromochloromethane	11.359	129	291756	159.971	ug/l	100
61) 1,2-Dibromoethane	11.471	107	269210	161.763	ug/l	99
64) Tetrachloroethene	11.106	164	224325	154.728	ug/l	96
65) Chlorobenzene	11.888	112	747168	153.137	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	260562	154.661	ug/l	99
67) Ethyl Benzene	11.965	91	1329221	168.360	ug/l	98
68) m/p-Xylenes	12.071	106	1055031	334.469	ug/l	98
69) o-Xylene	12.394	106	507405	171.961	ug/l	100
70) Styrene	12.412	104	890413	177.563	ug/l	99
71) Bromoform	12.576	173	217497	167.337	ug/l #	100
73) Isopropylbenzene	12.694	105	1284082	169.457	ug/l	99
74) N-amyl acetate	12.500	43	448007	174.773	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	389364	156.214	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	330799m	146.668	ug/l	
77) Bromobenzene	12.976	156	314972	159.233	ug/l	94
78) n-propylbenzene	13.035	91	1520560	166.122	ug/l	99
79) 2-Chlorotoluene	13.123	91	883357	162.160	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	1049859	165.753	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	161637	169.730	ug/l	96
82) 4-Chlorotoluene	13.218	91	927025	162.567	ug/l	98
83) tert-Butylbenzene	13.435	119	900660	162.303	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	1080552	170.305	ug/l	100
85) sec-Butylbenzene	13.612	105	1281421	162.909	ug/l	99
86) p-Isopropyltoluene	13.723	119	1128047	166.840	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	617072	156.645	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	607219	147.627	ug/l	100
89) n-Butylbenzene	14.053	91	971482	163.194	ug/l	99
90) Hexachloroethane	14.329	117	196297	156.849	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	572170	155.306	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	94686	158.078	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	349927	160.619	ug/l	99
94) Hexachlorobutadiene	15.500	225	100158	144.724	ug/l	98
95) Naphthalene	15.635	128	1320934	175.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	346615	163.304	ug/l	100

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MSVOA_N
ClientSampleId :
VSTDICC150

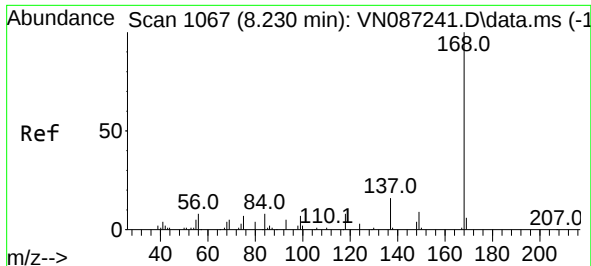
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

Quant Time: Jul 01 02:55:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:39:52 2025
Response via : Initial Calibration

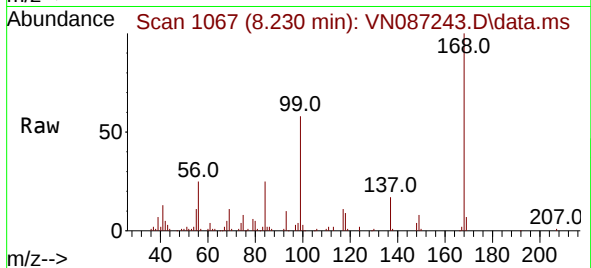
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087243.D
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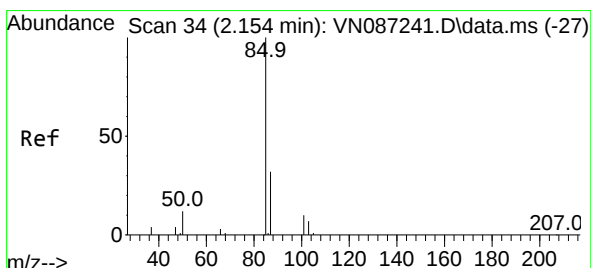
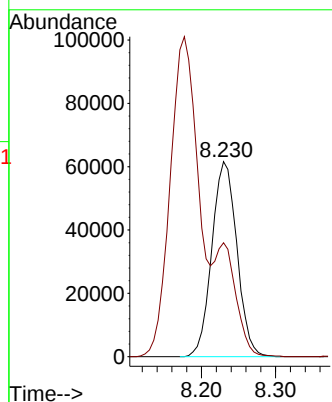
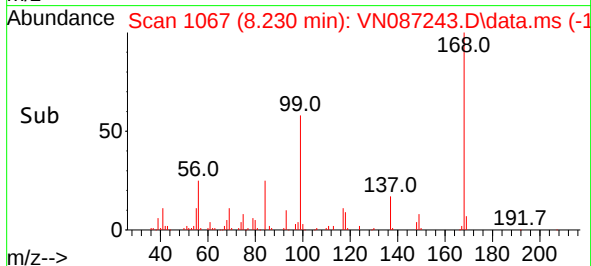
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



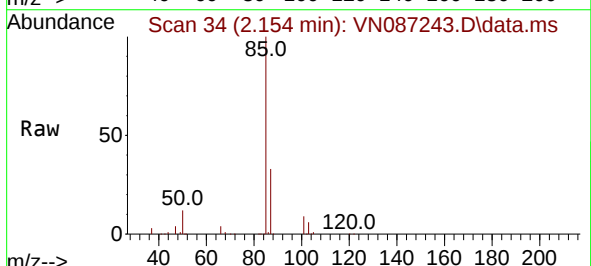
Tgt Ion:168 Resp: 144785
Ion Ratio Lower Upper
168 100
99 58.1 42.6 64.0

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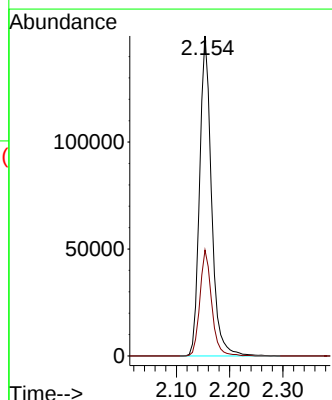
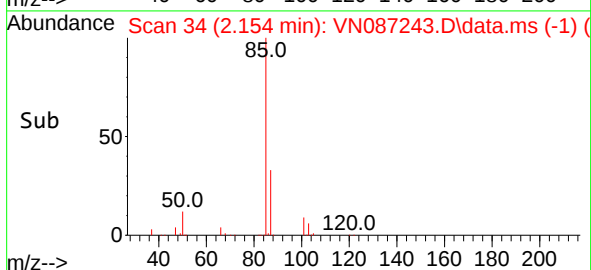
Reviewed By :John Carlone 07/01/2025
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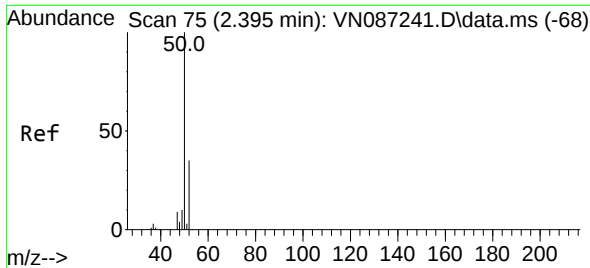


#2
Dichlorodifluoromethane
Concen: 164.665 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



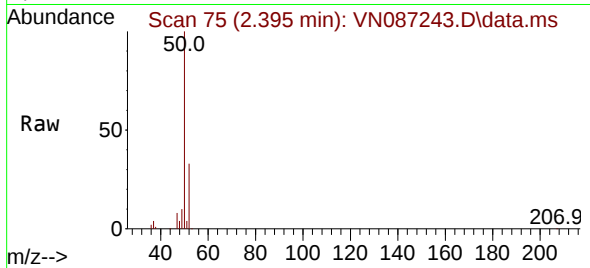
Tgt Ion: 85 Resp: 232015
Ion Ratio Lower Upper
85 100
87 33.1 16.1 48.3





#3
Chloromethane
Concen: 162.563 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

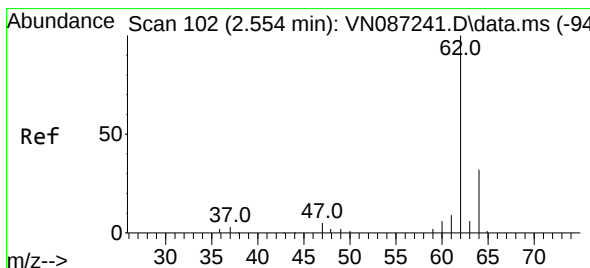
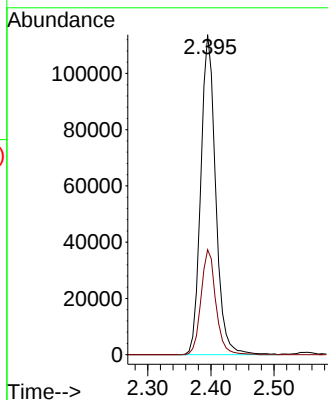
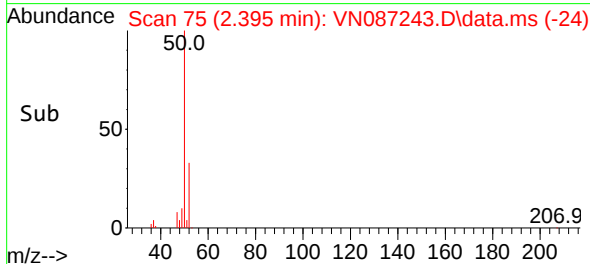
Instrument :
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VSTDIC150



Tgt Ion: 50 Resp: 185994
Ion Ratio Lower Upper
50 100
52 32.8 27.8 41.8

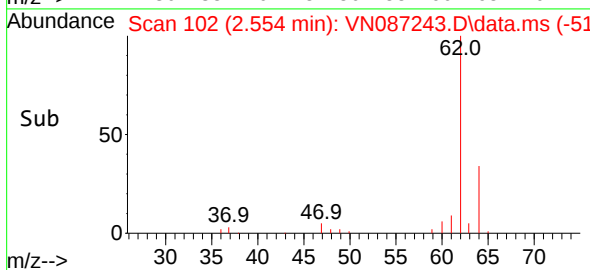
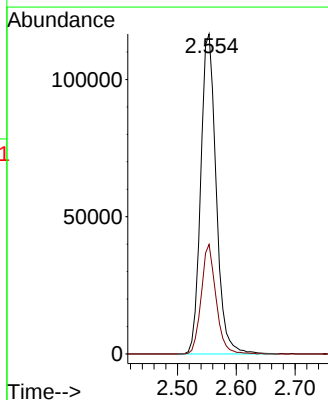
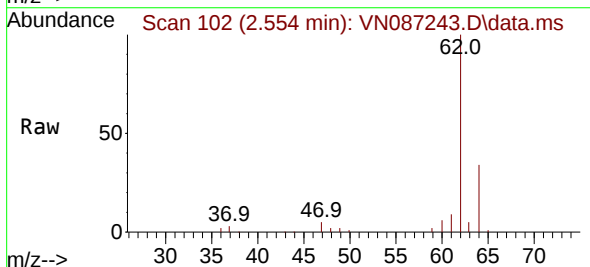
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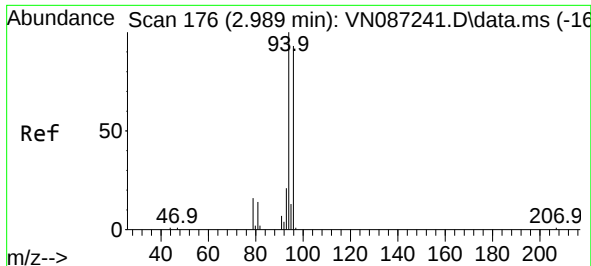
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#4
Vinyl Chloride
Concen: 151.044 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087243.D
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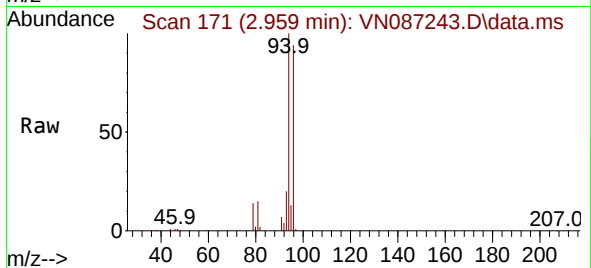
Tgt Ion: 62 Resp: 212464
Ion Ratio Lower Upper
62 100
64 34.3 26.0 39.0





#5
Bromomethane
Concen: 162.411 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

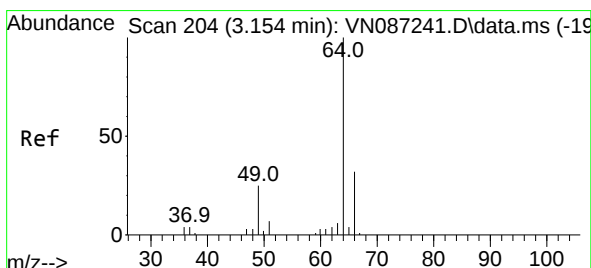
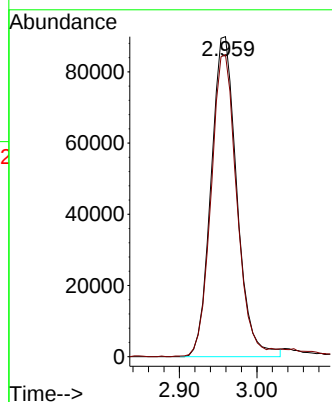
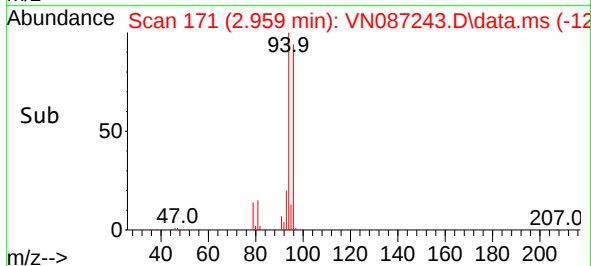
Instrument :
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Tgt Ion: 94 Resp: 20847
Ion Ratio Lower Upper
94 100
96 94.2 74.3 111.5

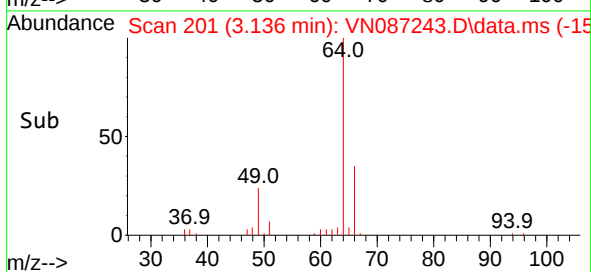
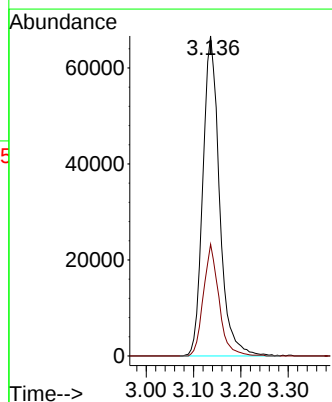
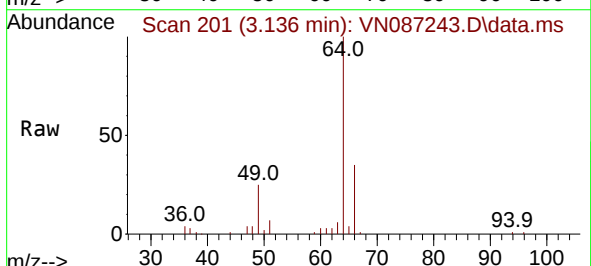
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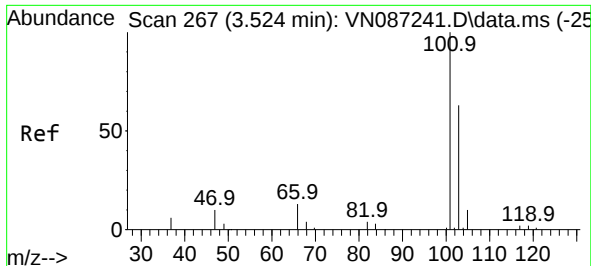
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#6
Chloroethane
Concen: 145.867 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.018 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Tgt Ion: 64 Resp: 162523
Ion Ratio Lower Upper
64 100
66 34.9 25.3 37.9





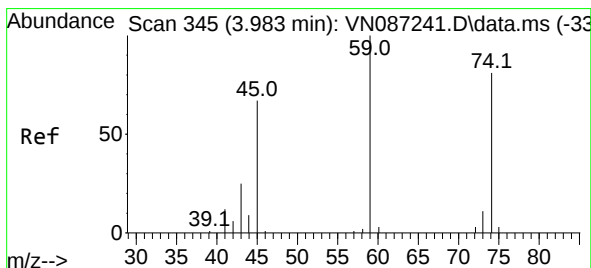
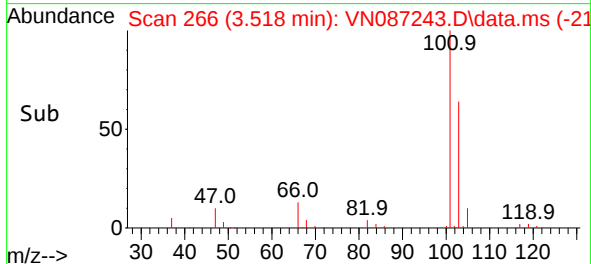
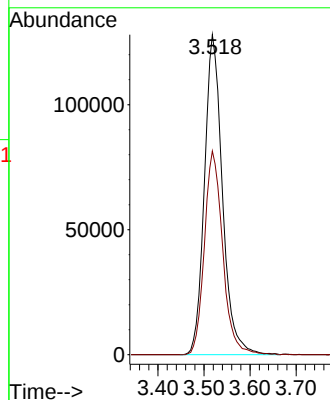
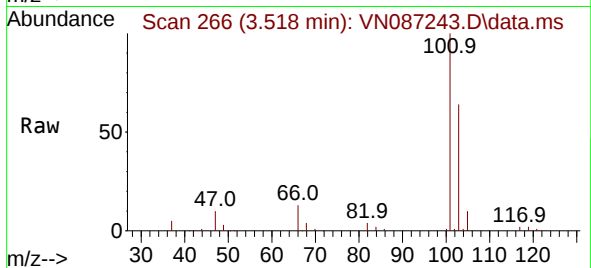
#7
Trichlorofluoromethane
Concen: 142.660 ug/l
RT: 3.518 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 348210
Ion Ratio Lower Upper
101 100
103 63.6 50.5 75.7

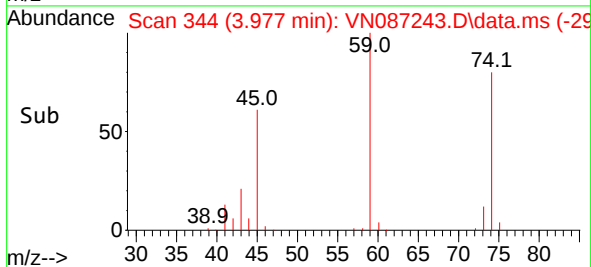
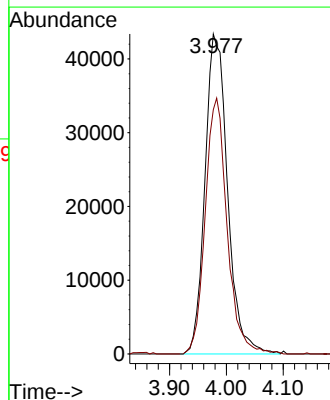
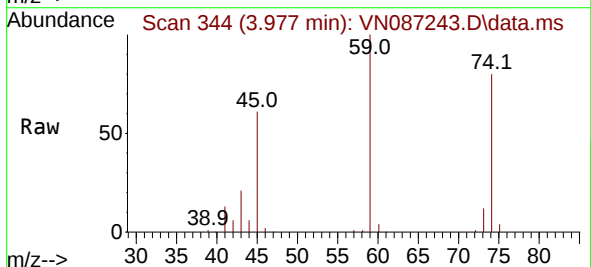
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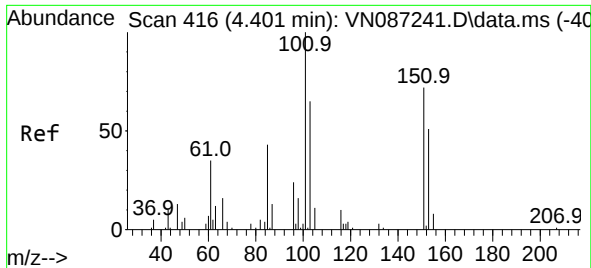
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#8
Diethyl Ether
Concen: 153.392 ug/l
RT: 3.977 min Scan# 344
Delta R.T. -0.006 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Tgt Ion: 74 Resp: 119483
Ion Ratio Lower Upper
74 100
45 77.7 39.4 118.1





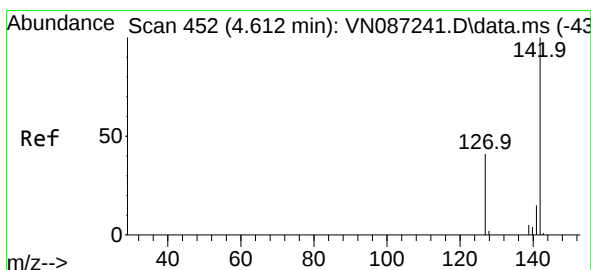
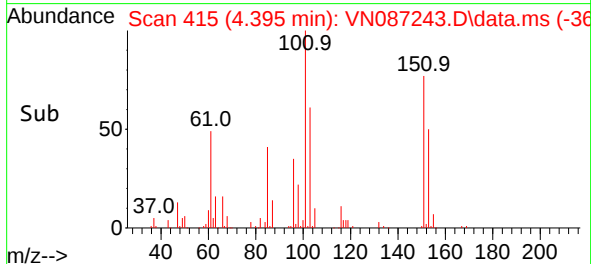
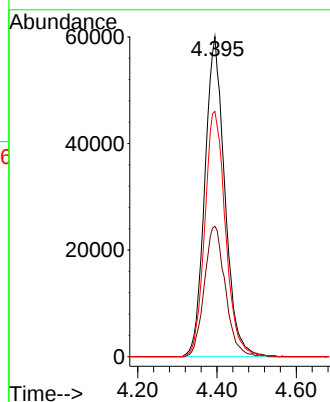
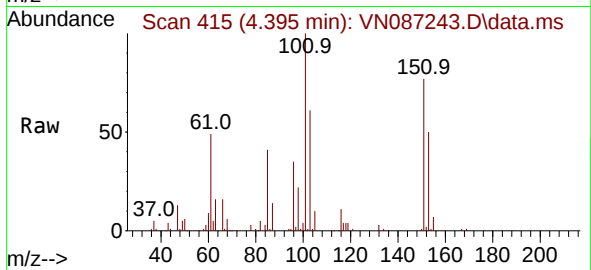
#9
1,1,2-Trichlorotrifluoroethane
Concen: 148.114 ug/l
RT: 4.395 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 20989
Ion Ratio Lower Upper
101 100
85 42.8 34.4 51.6
151 79.7 63.8 95.8

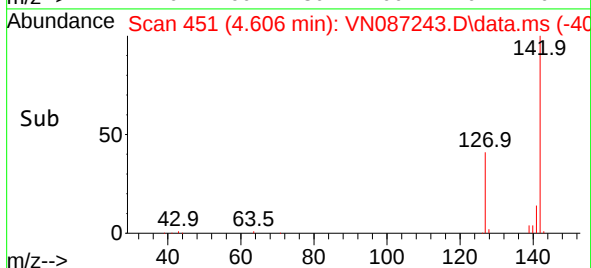
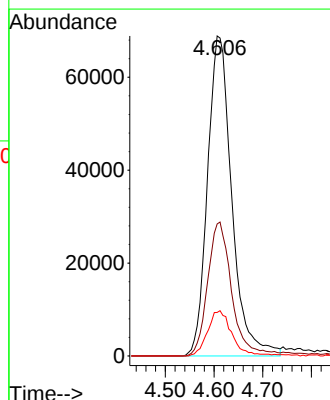
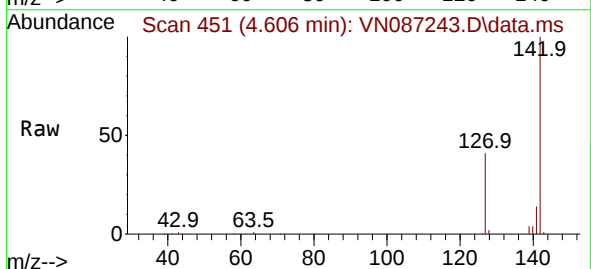
Manual Integrations
APPROVED

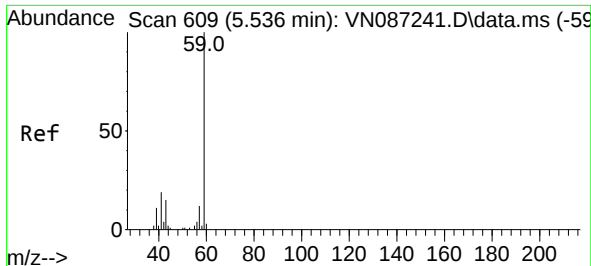
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#10
Methyl Iodide
Concen: 169.942 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.006 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

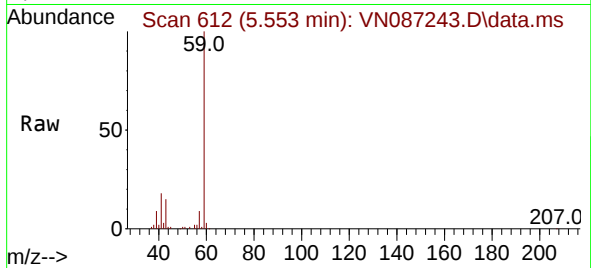
Tgt Ion:142 Resp: 238964
Ion Ratio Lower Upper
142 100
127 41.2 32.8 49.2
141 13.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 726.420 ug/l
RT: 5.553 min Scan# 612
Delta R.T. 0.018 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

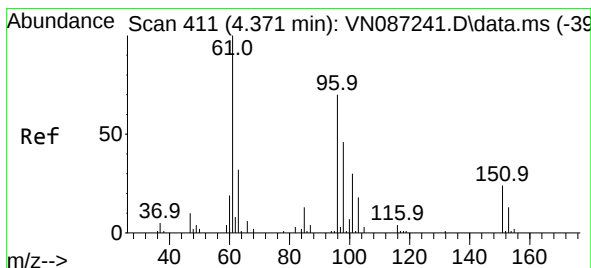
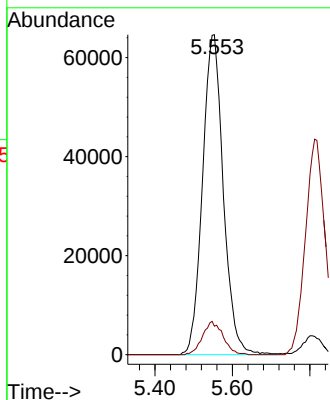
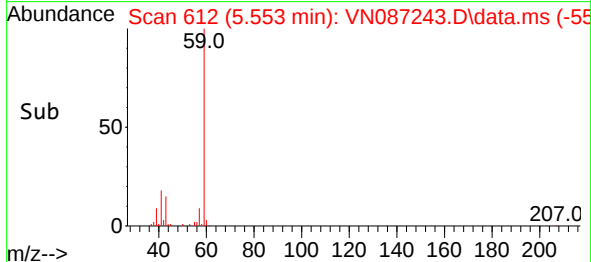
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC150



Tgt Ion: 59 Resp: 240570
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

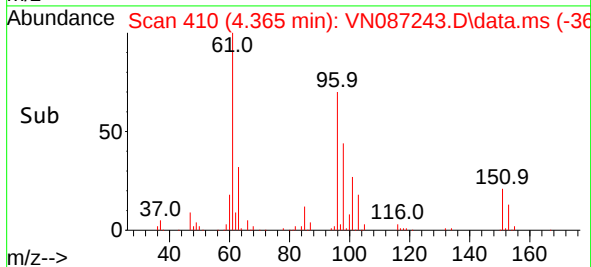
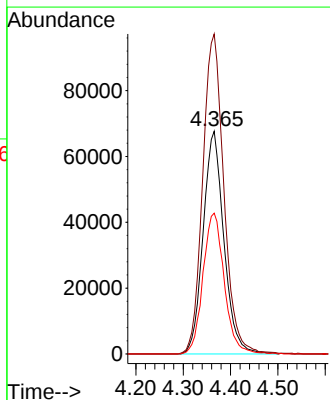
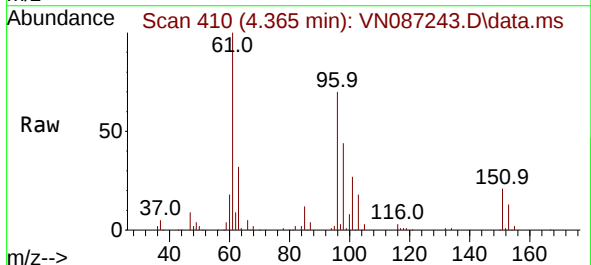
Manual Integrations
APPROVED

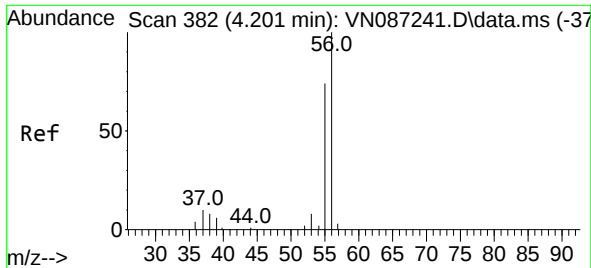
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#12
1,1-Dichloroethene
Concen: 152.987 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

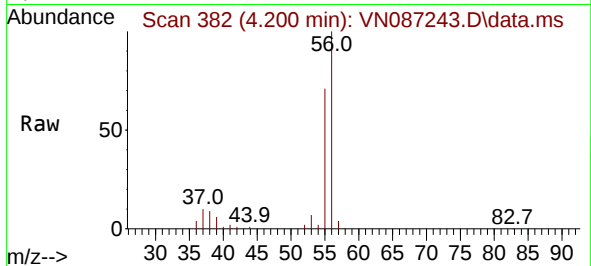
Tgt Ion: 96 Resp: 205963
Ion Ratio Lower Upper
96 100
61 143.7 114.4 171.6
98 63.3 53.0 79.6





#13
Acrolein
Concen: 850.319 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

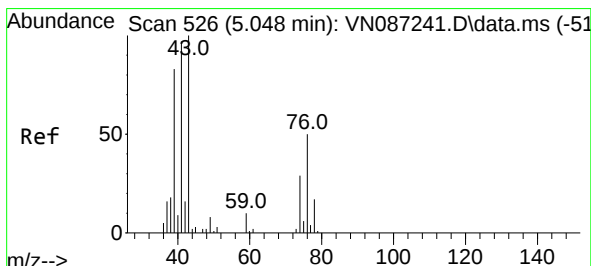
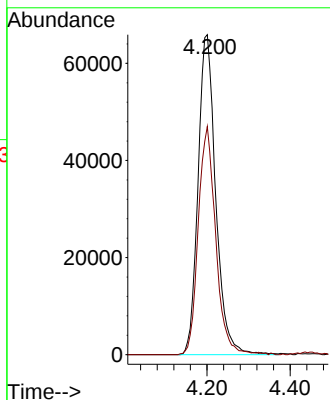
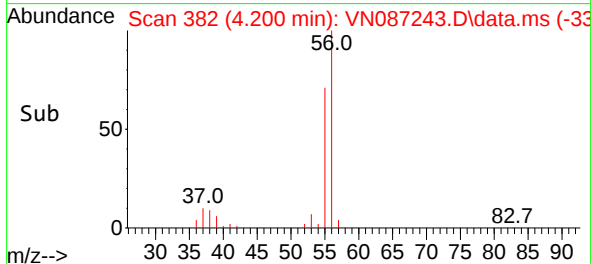
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 19504
Ion Ratio Lower Upper
56 100
55 70.5 58.6 88.0

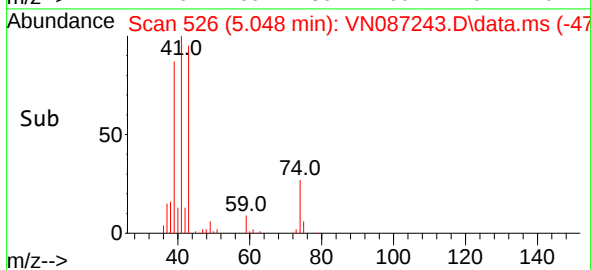
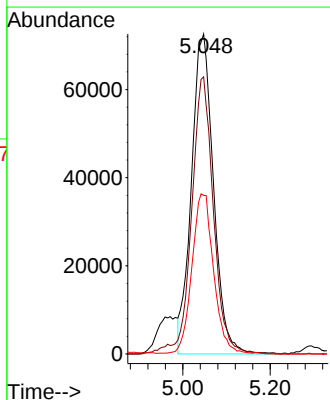
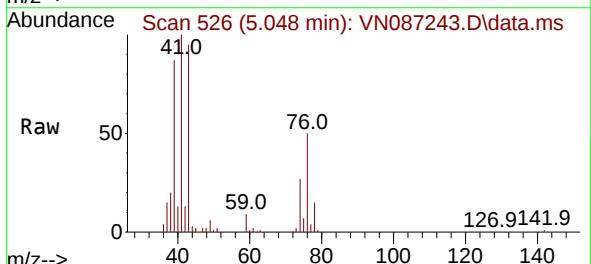
Manual Integrations
APPROVED

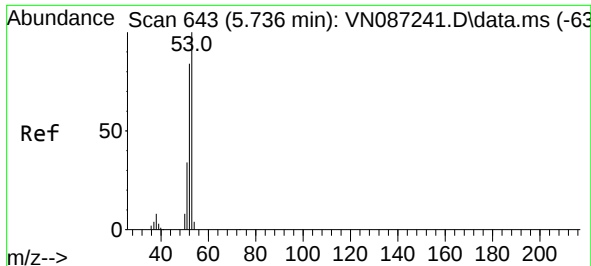
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#14
Allyl chloride
Concen: 154.757 ug/l
RT: 5.048 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

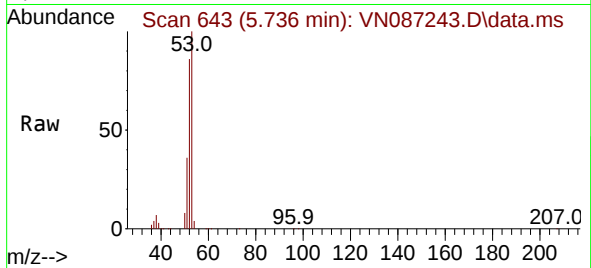
Tgt Ion: 41 Resp: 255342
Ion Ratio Lower Upper
41 100
39 85.6 66.3 99.5
76 48.4 38.6 58.0





#15
Acrylonitrile
Concen: 771.123 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

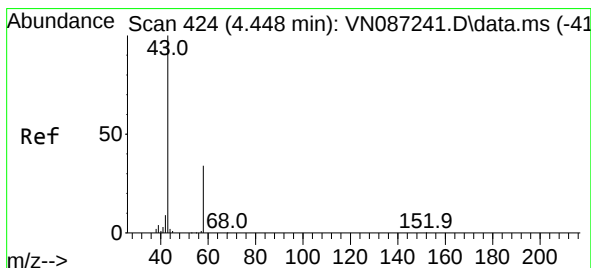
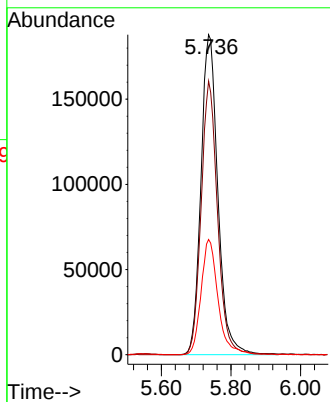
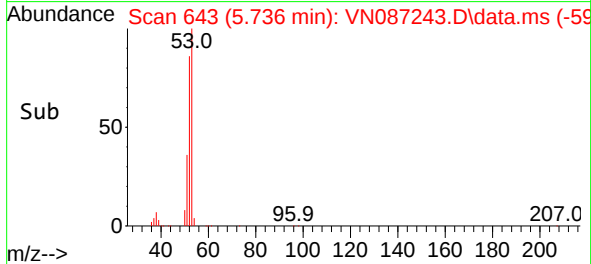
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



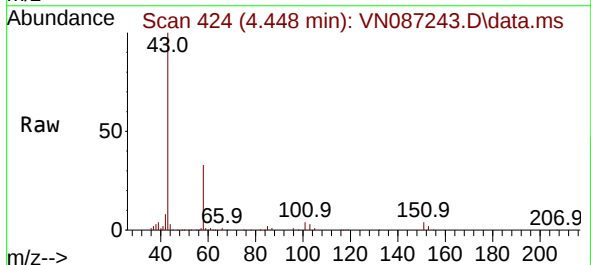
Tgt Ion: 53 Resp: 634435
Ion Ratio Lower Upper
53 100
52 82.8 66.5 99.7
51 36.1 29.1 43.7

Manual Integrations
APPROVED

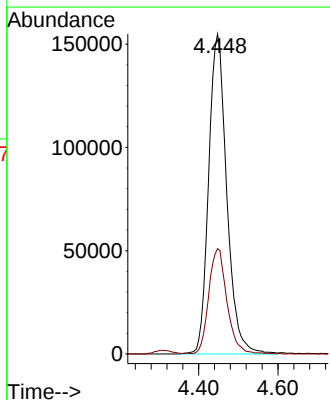
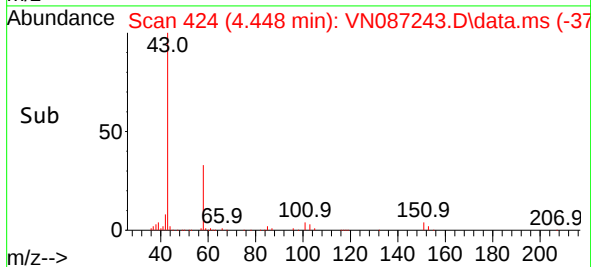
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

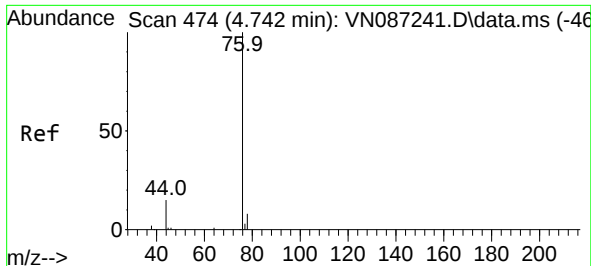


#16
Acetone
Concen: 707.789 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



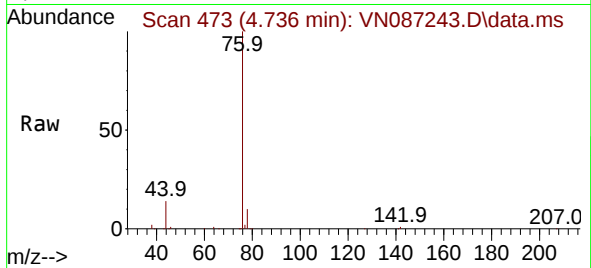
Tgt Ion: 43 Resp: 491715
Ion Ratio Lower Upper
43 100
58 32.7 27.1 40.7





#17
Carbon Disulfide
Concen: 141.408 ug/l
RT: 4.736 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

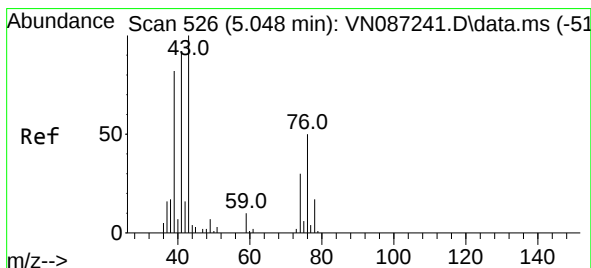
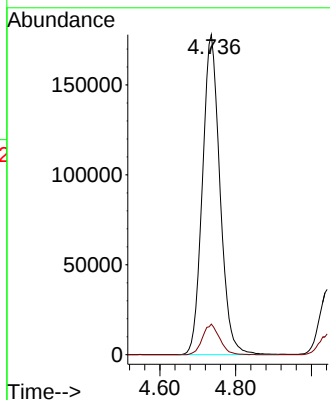
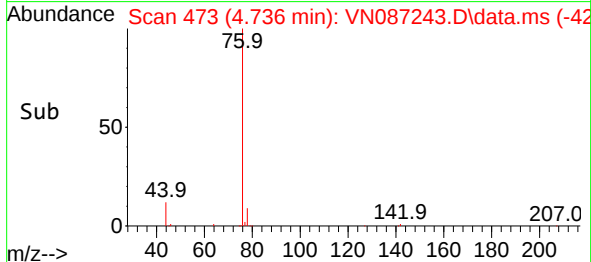
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



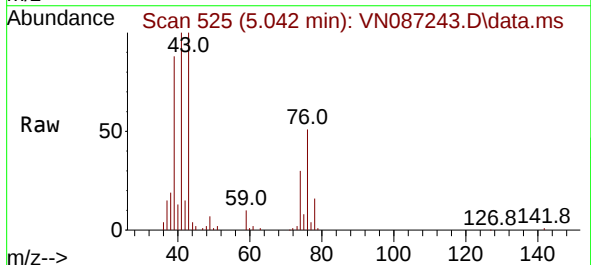
Tgt Ion: 76 Resp: 571179
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2

Manual Integrations
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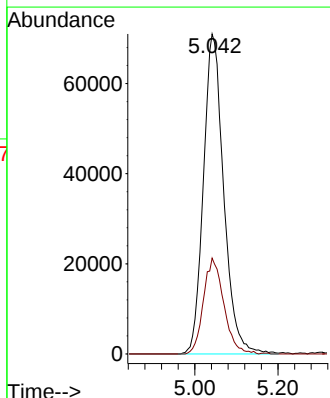
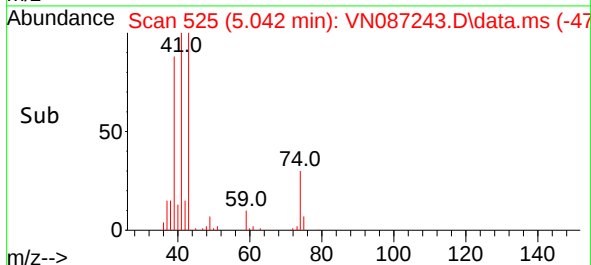
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

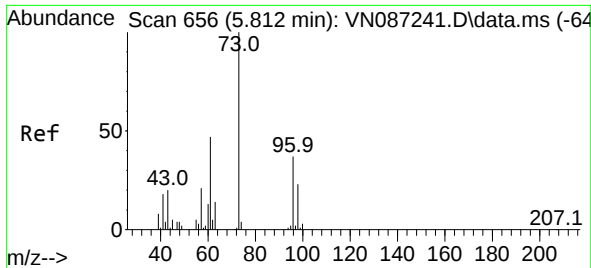


#18
Methyl Acetate
Concen: 151.201 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



Tgt Ion: 43 Resp: 240471
Ion Ratio Lower Upper
43 100
74 29.9 23.8 35.6





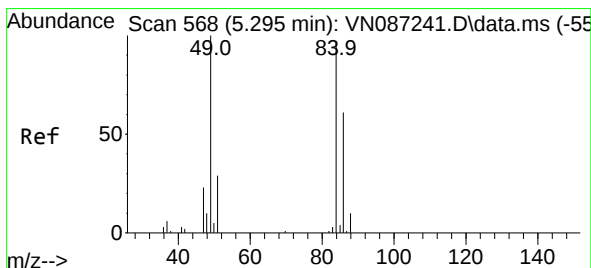
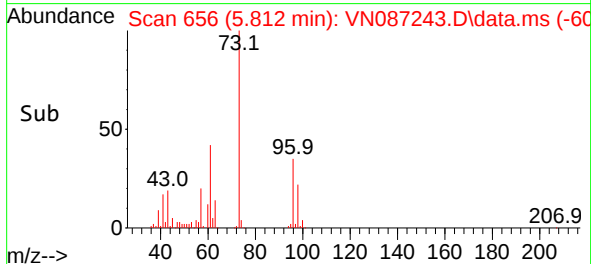
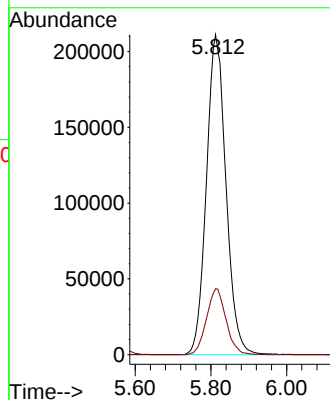
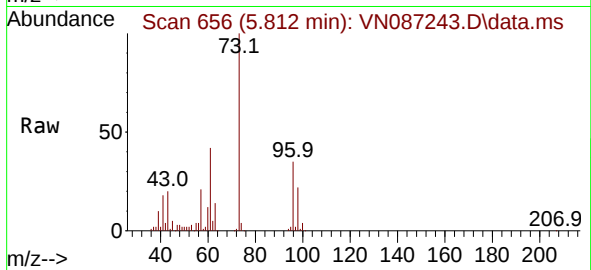
#19
Methyl tert-butyl Ether
Concen: 160.106 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 75543
Ion Ratio Lower Upper
73 100
57 20.6 16.7 25.1

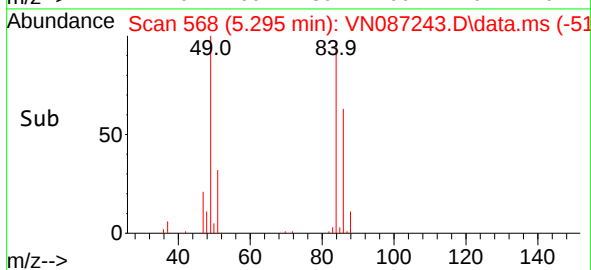
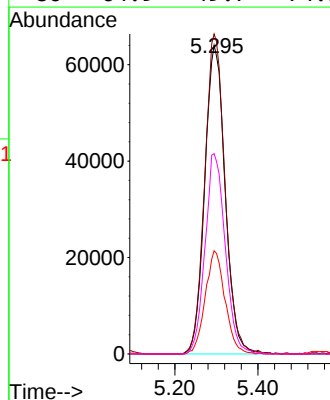
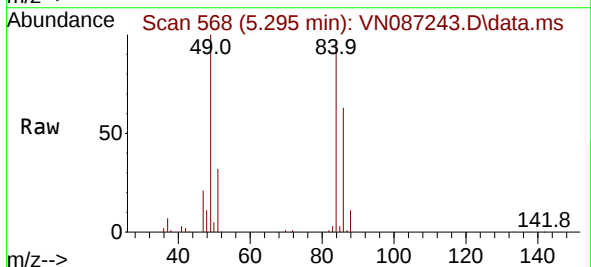
Manual Integrations
APPROVED

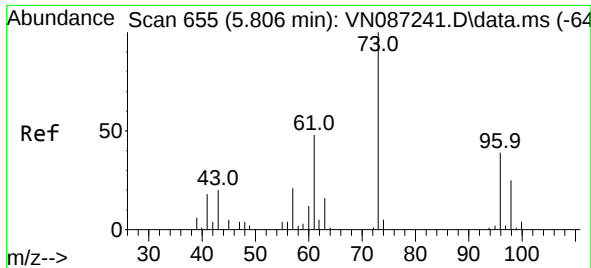
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#20
Methylene Chloride
Concen: 141.960 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

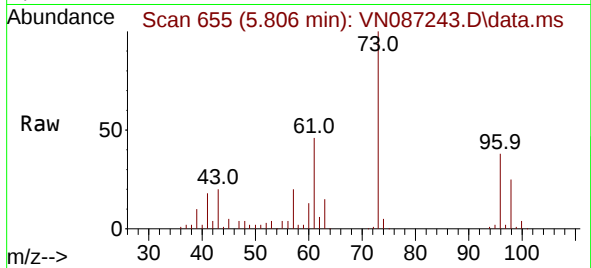
Tgt Ion: 84 Resp: 218472
Ion Ratio Lower Upper
84 100
49 103.7 82.1 123.1
51 33.5 23.5 35.3
86 64.9 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 149.470 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

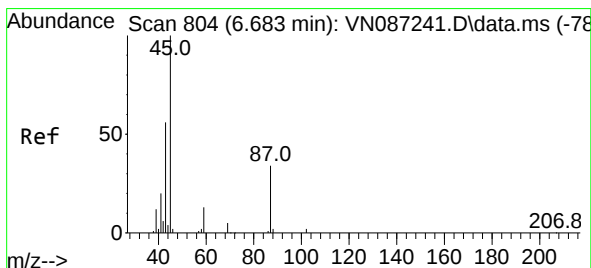
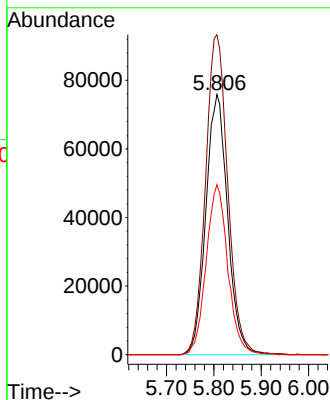
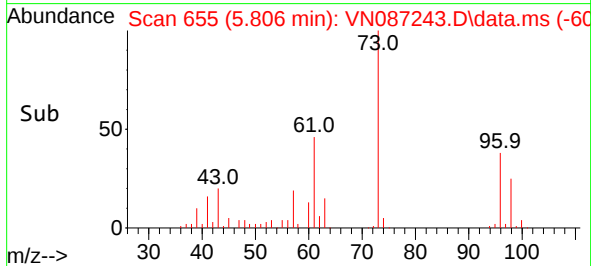
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



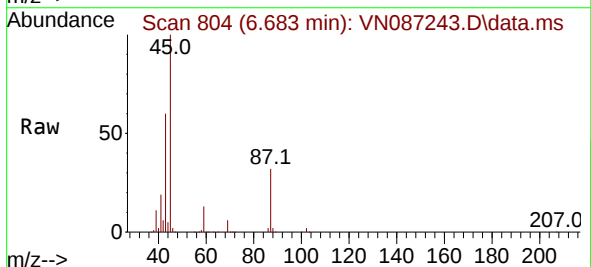
Tgt Ion: 96 Resp: 243150
Ion Ratio Lower Upper
96 100
61 123.0 98.2 147.2
98 65.3 50.0 75.0

Manual Integrations
APPROVED

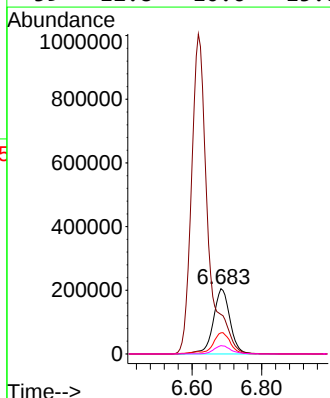
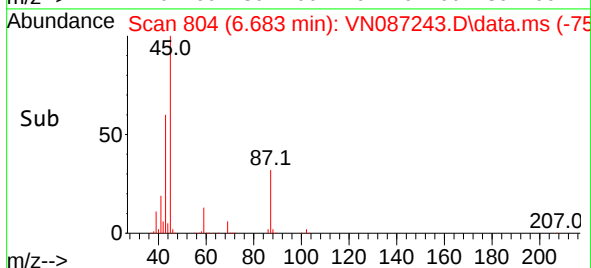
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

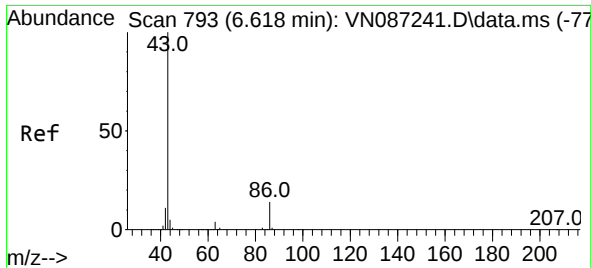


#22
Diisopropyl ether
Concen: 172.402 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



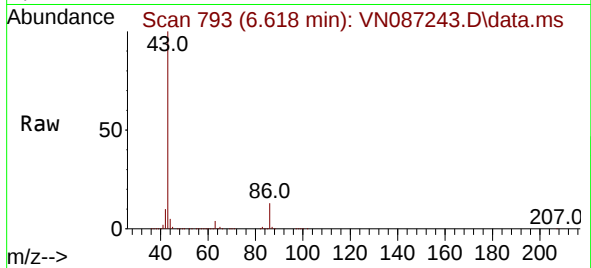
Tgt Ion: 45 Resp: 681059
Ion Ratio Lower Upper
45 100
43 60.2 50.1 75.1
87 32.3 27.5 41.3
59 12.8 10.6 15.8





#23
 Vinyl Acetate
 Concen: 887.566 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087243.D
 Acq: 30 Jun 2025 14:51

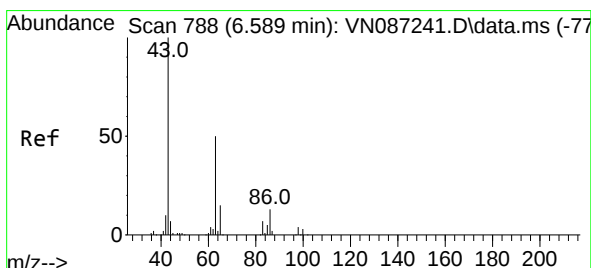
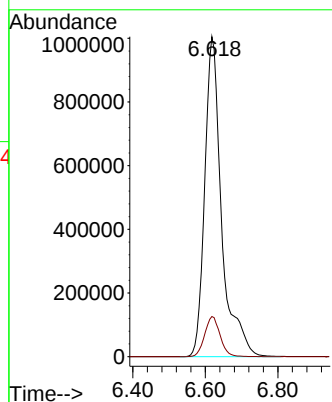
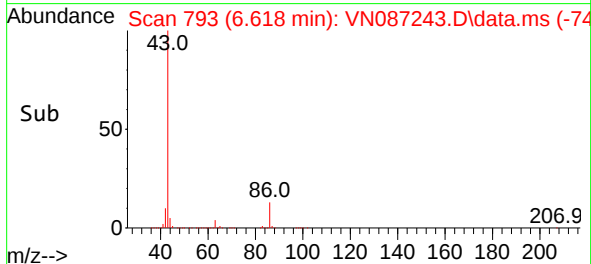
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



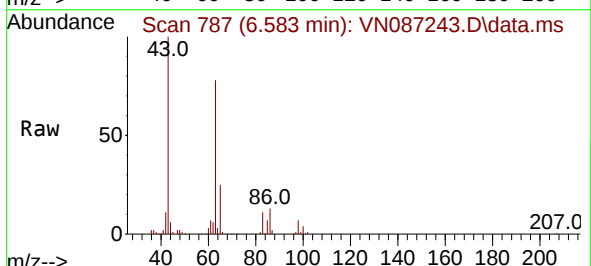
Tgt Ion: 43 Resp: 324267
 Ion Ratio Lower Upper
 43 100
 86 12.6 11.0 16.4

Manual Integrations
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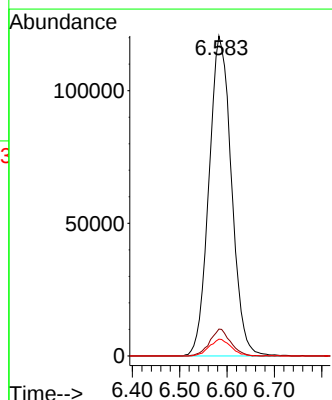
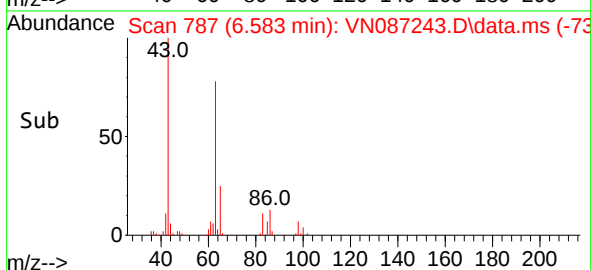
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025

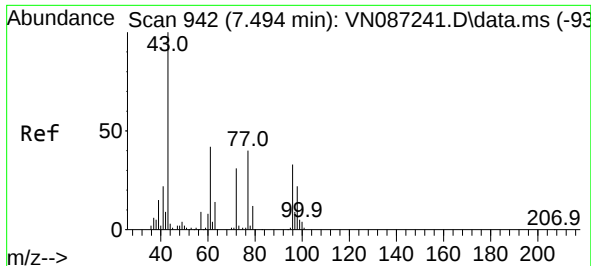


#24
 1,1-Dichloroethane
 Concen: 153.686 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: VN087243.D
 Acq: 30 Jun 2025 14:51



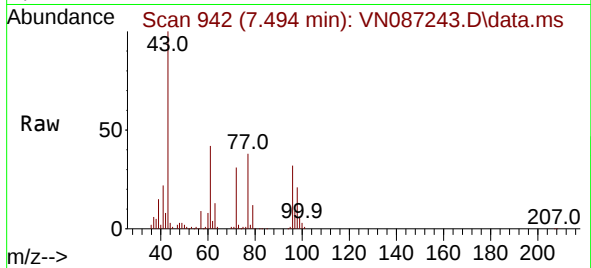
Tgt Ion: 63 Resp: 397782
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.6
 100 5.3 2.7 8.1





#25
2-Butanone
Concen: 801.082 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

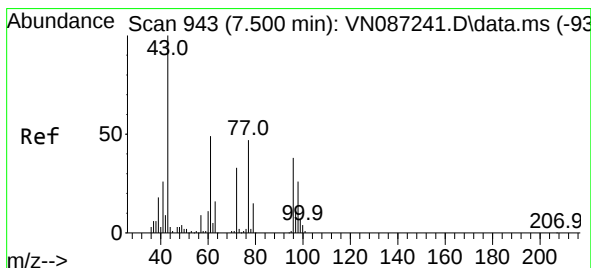
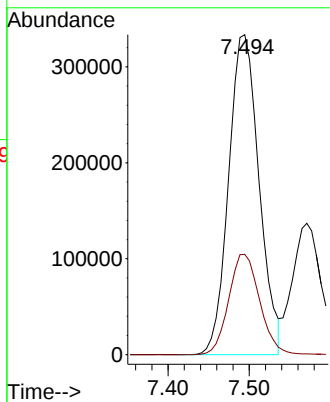
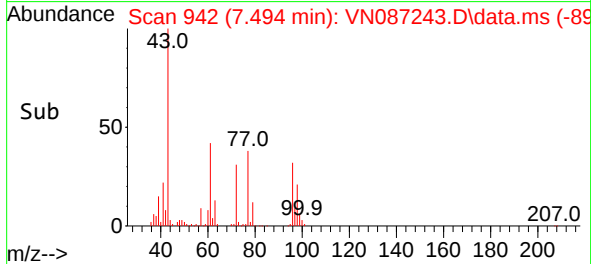
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



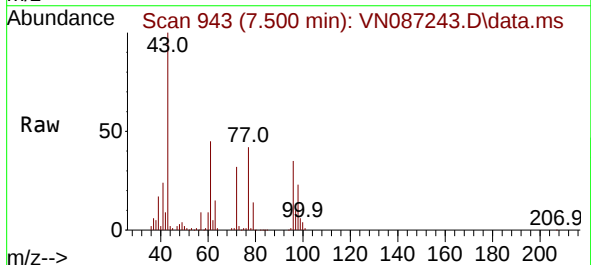
Tgt Ion: 43 Resp: 869715
Ion Ratio Lower Upper
43 100
72 31.4 24.8 37.2

Manual Integrations
APPROVED

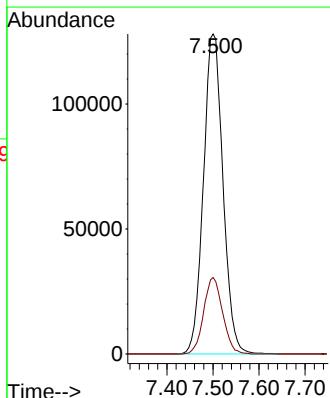
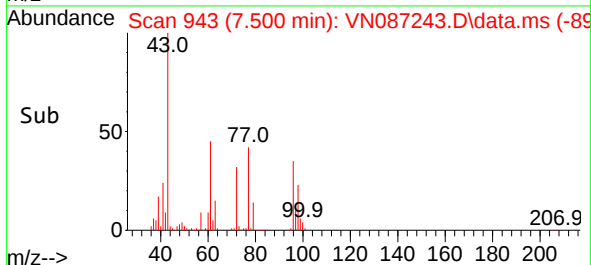
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

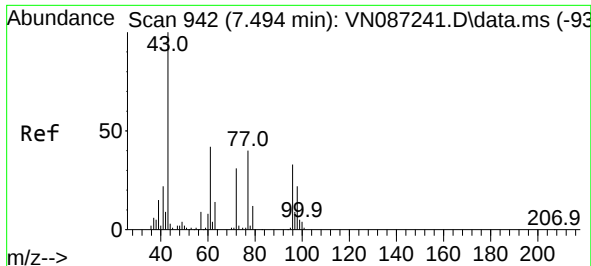


#26
2,2-Dichloropropane
Concen: 152.715 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



Tgt Ion: 77 Resp: 378234
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.3





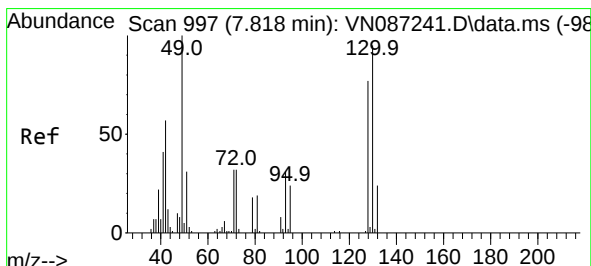
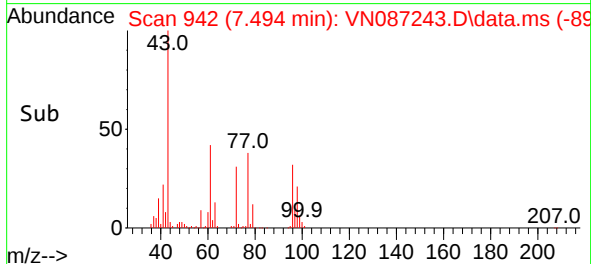
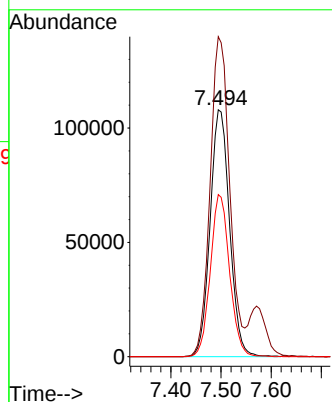
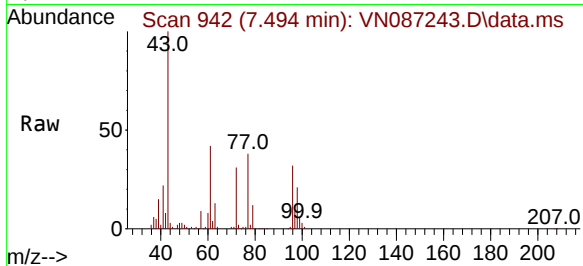
#27
 cis-1,2-Dichloroethene
 Concen: 155.323 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN087243.D
 Acq: 30 Jun 2025 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 29180
 Ion Ratio Lower Upper
 96 100
 61 130.7 0.0 258.8
 98 64.8 0.0 130.8

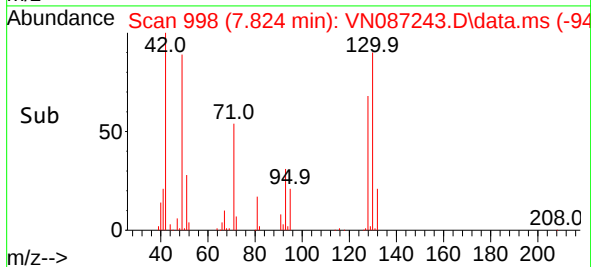
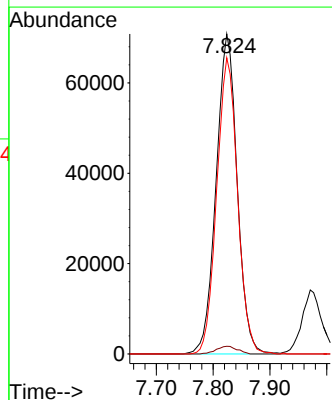
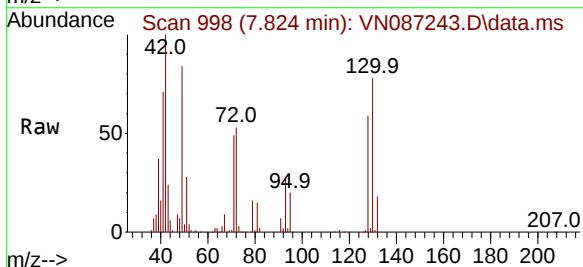
Manual Integrations
 APPROVED

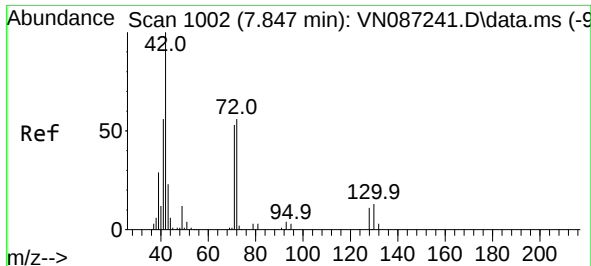
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025



#28
 Bromochloromethane
 Concen: 159.583 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN087243.D
 Acq: 30 Jun 2025 14:51

Tgt Ion: 49 Resp: 182313
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 91.7 78.4 117.6





#29

Tetrahydrofuran

Concen: 850.732 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN087243.D

Acq: 30 Jun 2025 14:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

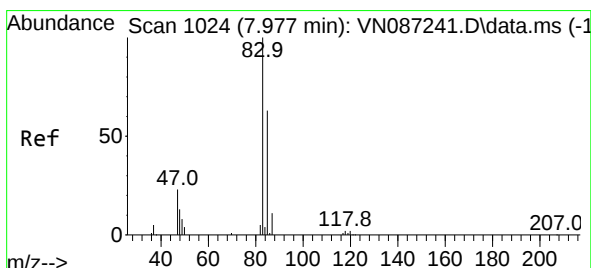
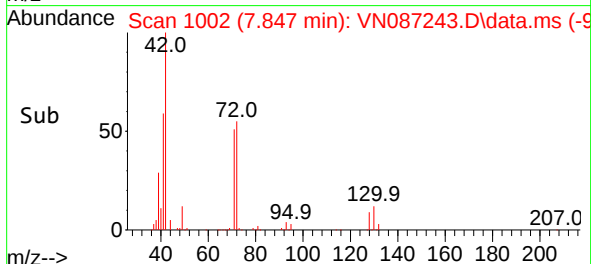
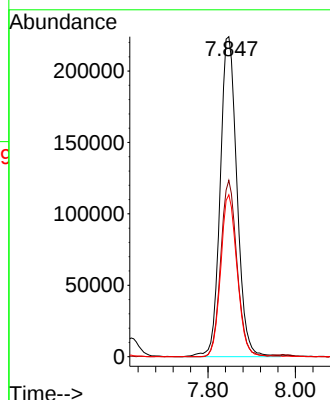
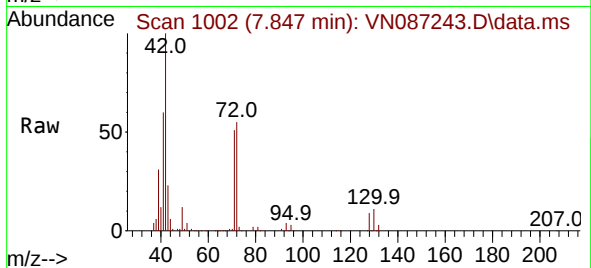
Tgt Ion:	42	Resp:	59517
Ion Ratio	Lower	Upper	
42	100		
72	53.4	44.2	66.4
71	49.5	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#30

Chloroform

Concen: 154.763 ug/l

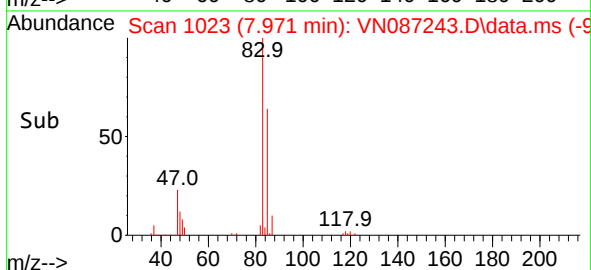
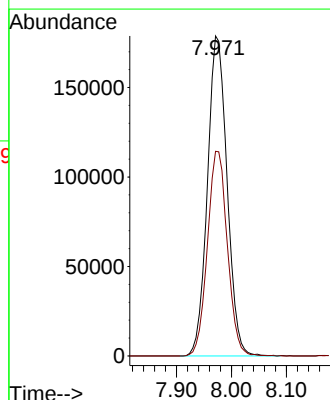
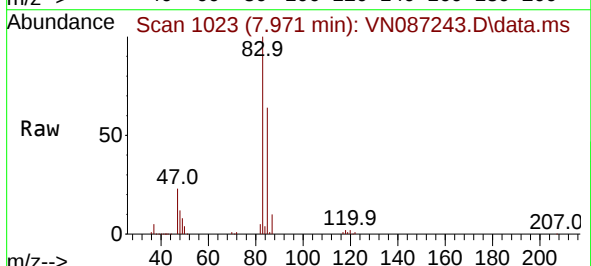
RT: 7.971 min Scan# 1023

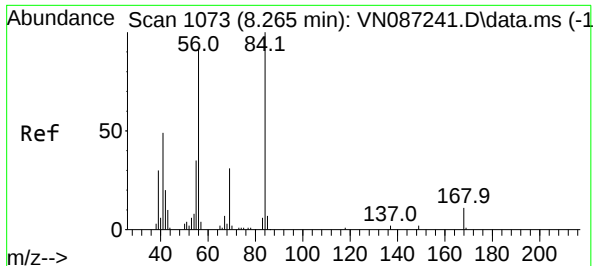
Delta R.T. -0.006 min

Lab File: VN087243.D

Acq: 30 Jun 2025 14:51

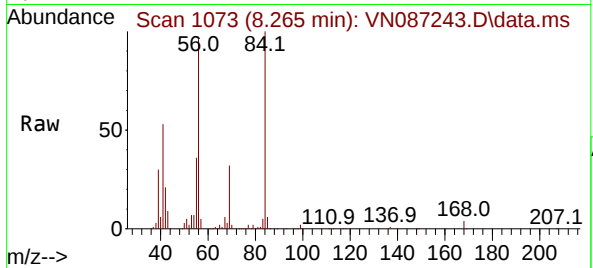
Tgt Ion:	83	Resp:	443990
Ion Ratio	Lower	Upper	
83	100		
85	64.0	50.3	75.5





#31
Cyclohexane
Concen: 145.162 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

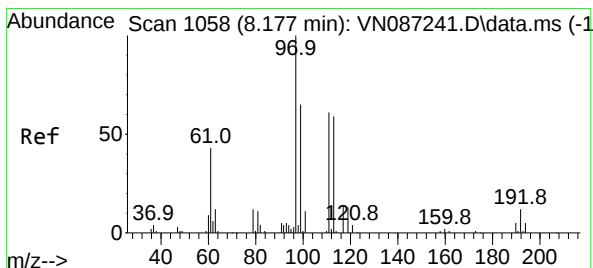
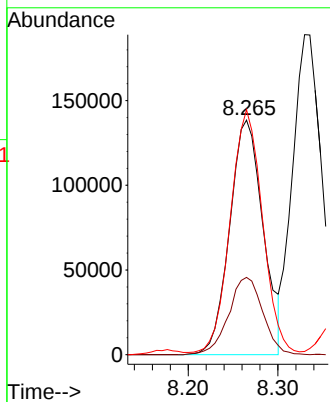
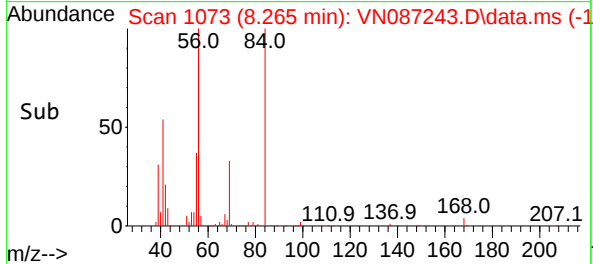
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



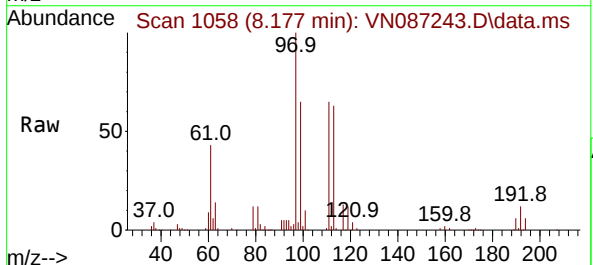
Tgt Ion: 56 Resp: 359235
Ion Ratio Lower Upper
56 100
69 32.9 27.0 40.6
84 103.0 86.2 129.4

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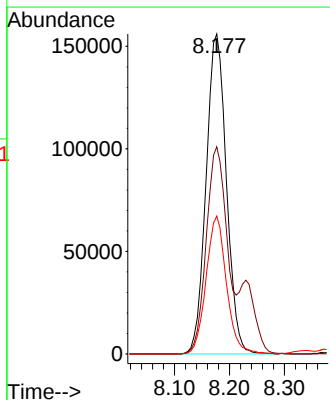
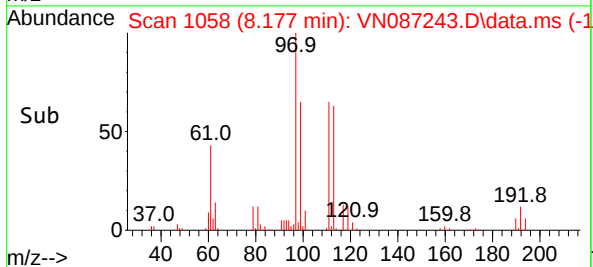
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

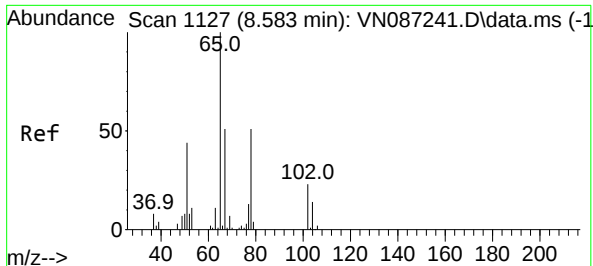


#32
1,1,1-Trichloroethane
Concen: 150.153 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



Tgt Ion: 97 Resp: 401169
Ion Ratio Lower Upper
97 100
99 66.6 49.5 74.3
61 43.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 156.730 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087243.D

Acq: 30 Jun 2025 14:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 284800

Ion Ratio Lower Upper

65 100

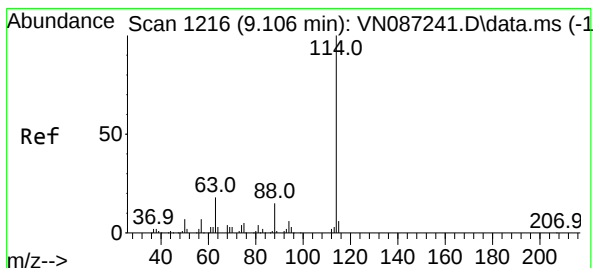
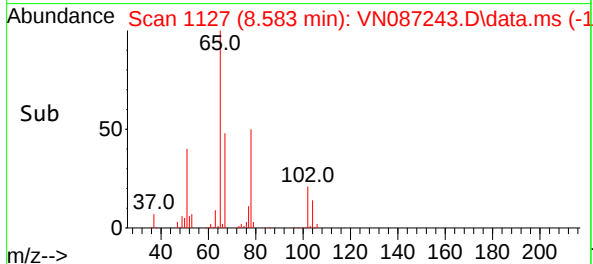
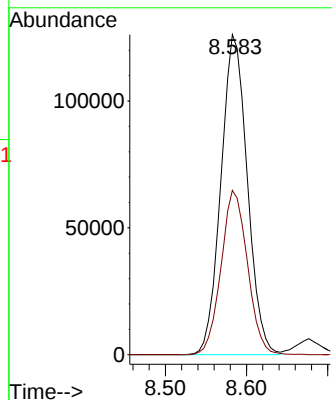
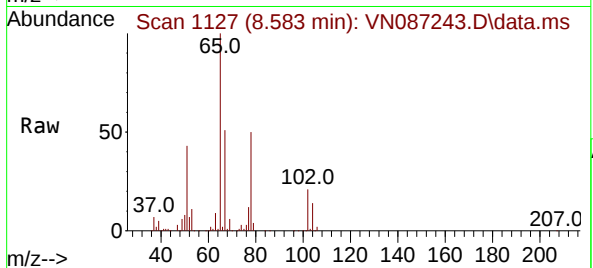
67 51.5 0.0 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087243.D

Acq: 30 Jun 2025 14:51

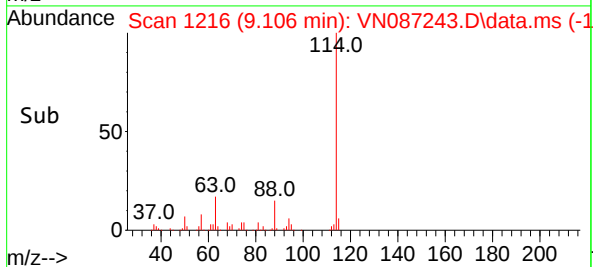
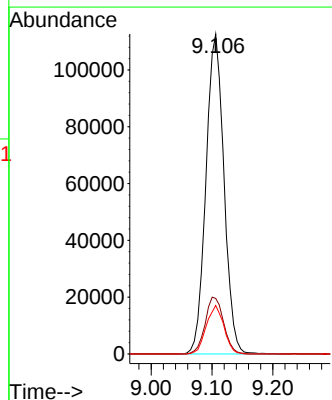
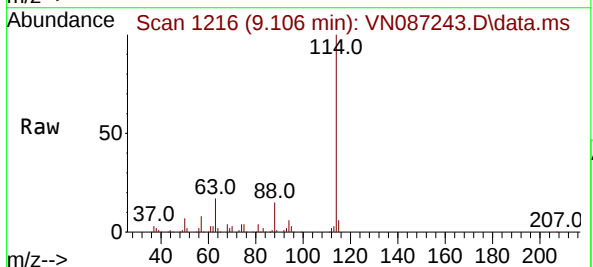
Tgt Ion:114 Resp: 231495

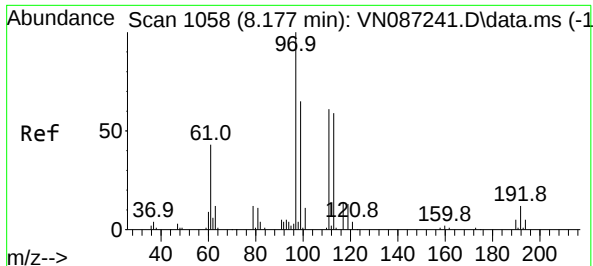
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

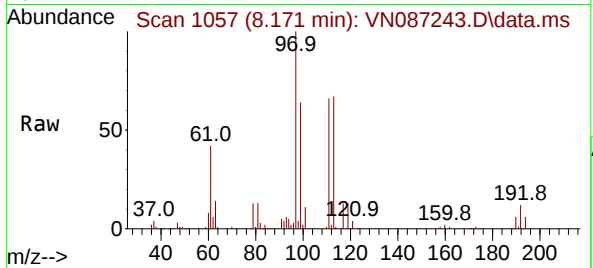
88 15.2 0.0 29.6





#35
Dibromofluoromethane
Concen: 161.685 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

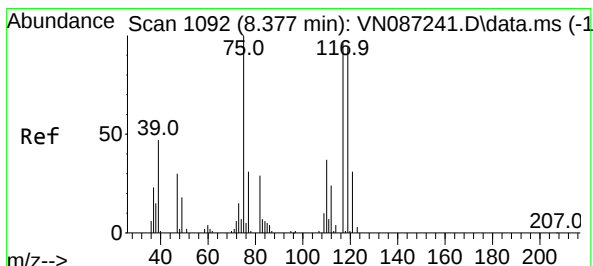
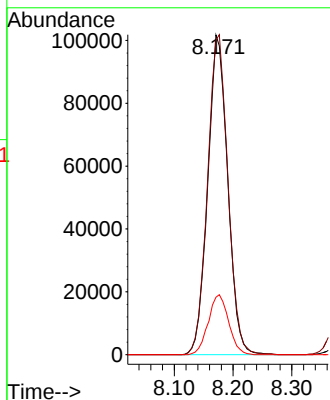
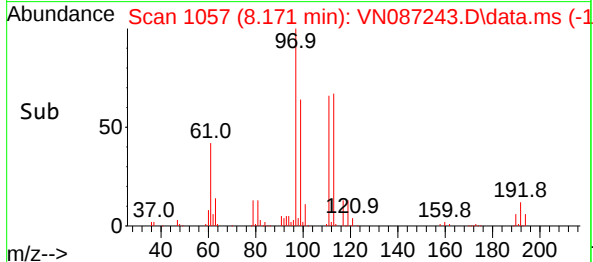
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 113 Resp: 239662
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.2
192 19.2 15.1 22.7

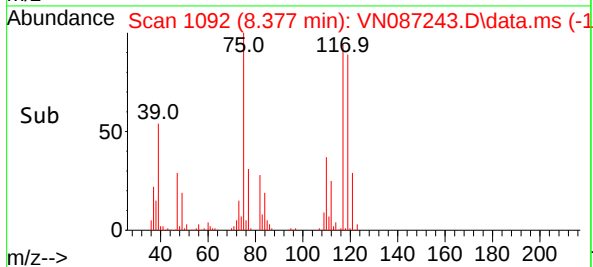
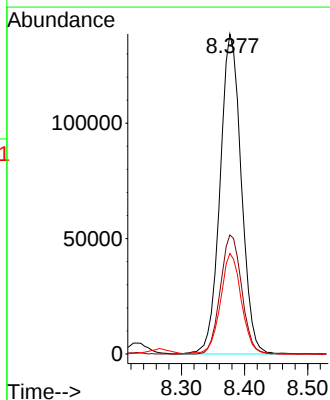
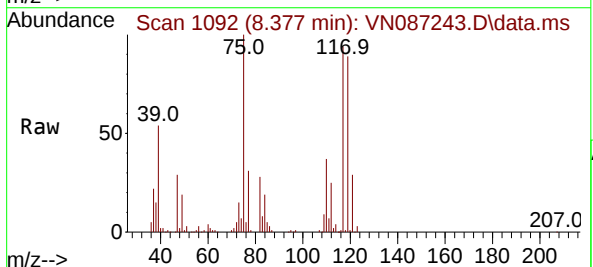
Manual Integrations
APPROVED

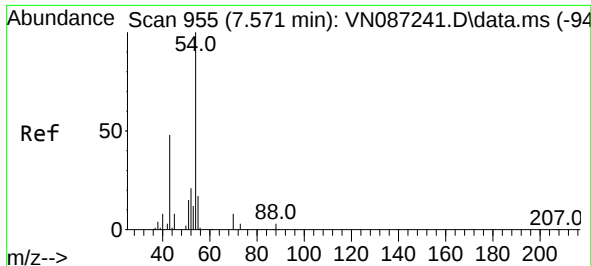
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#36
1,1-Dichloropropene
Concen: 160.482 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

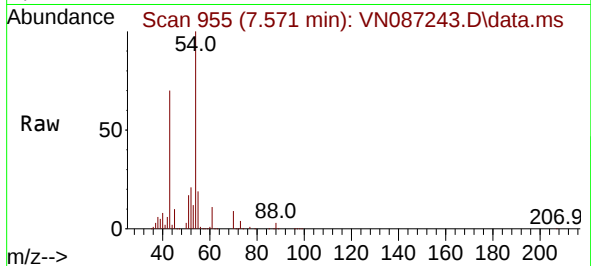
Tgt Ion: 75 Resp: 323489
Ion Ratio Lower Upper
75 100
110 37.3 18.7 56.1
77 30.9 24.5 36.7





#37
Ethyl Acetate
Concen: 163.305 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

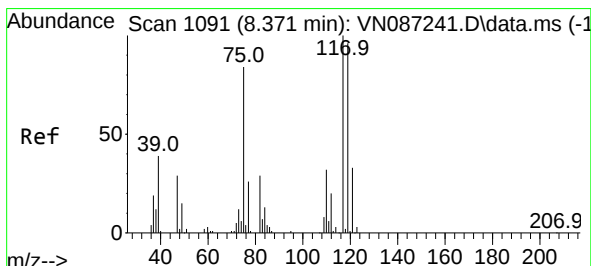
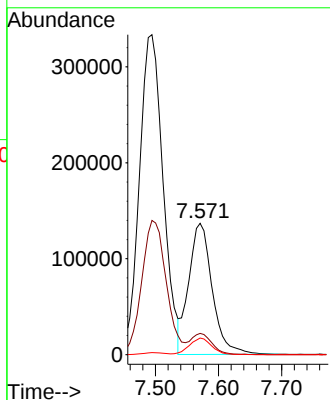
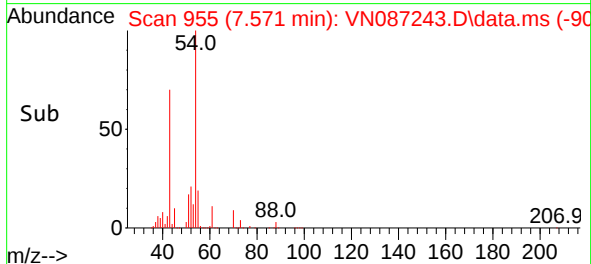
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 353864
Ion Ratio Lower Upper
43 100
61 14.8 11.3 16.9
70 12.1 9.9 14.9

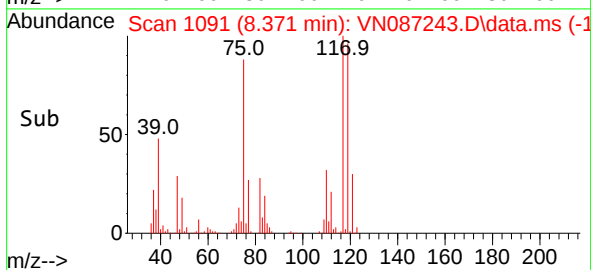
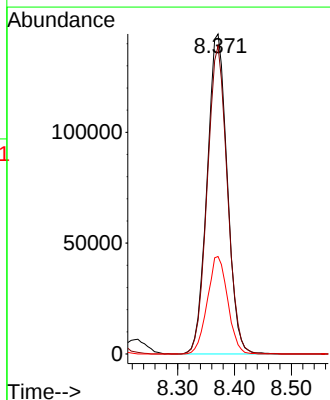
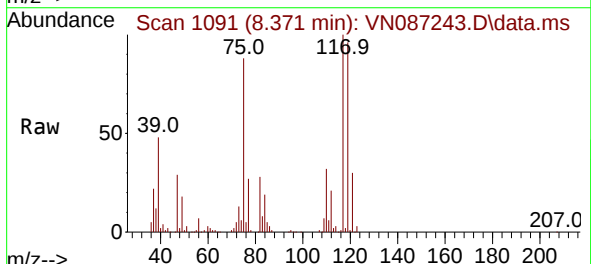
Manual Integrations
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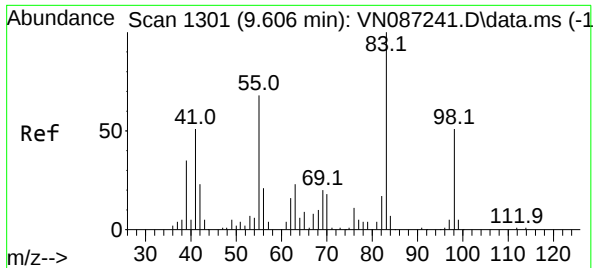
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#38
Carbon Tetrachloride
Concen: 155.668 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

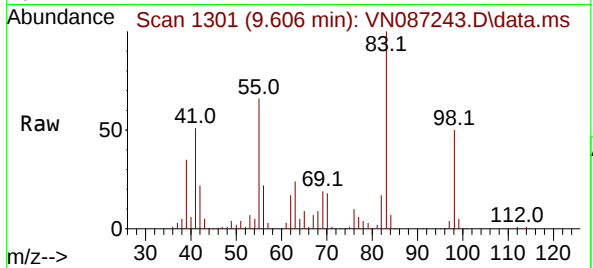
Tgt Ion:117 Resp: 355556
Ion Ratio Lower Upper
117 100
119 96.2 77.2 115.8
121 30.5 26.6 39.8





#39
Methylcyclohexane
Concen: 165.531 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

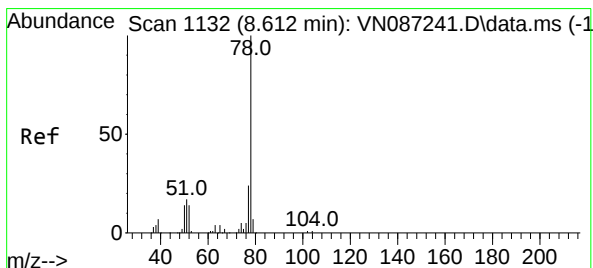
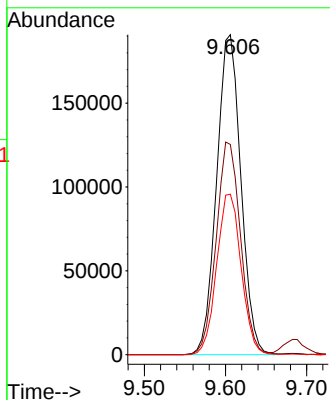
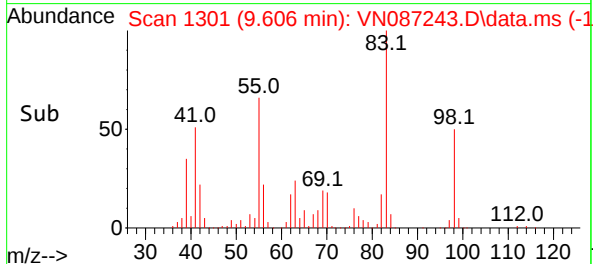
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



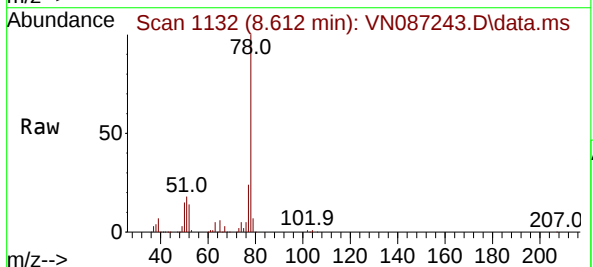
Tgt Ion: 83 Resp: 397360
Ion Ratio Lower Upper
83 100
55 65.7 54.6 81.8
98 50.2 41.2 61.8

Manual Integrations
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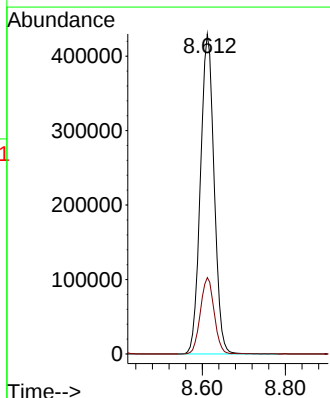
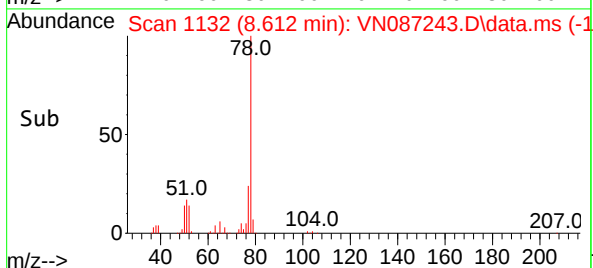
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

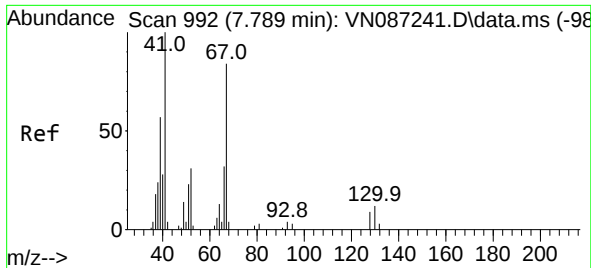


#40
Benzene
Concen: 157.264 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



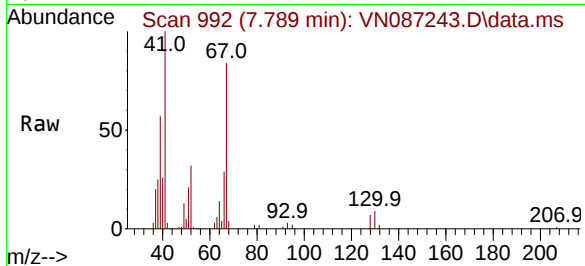
Tgt Ion: 78 Resp: 982098
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3





#41
Methacrylonitrile
Concen: 173.198 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

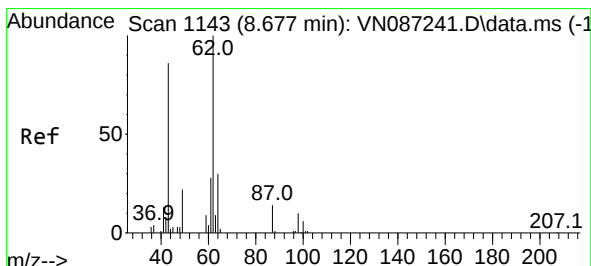
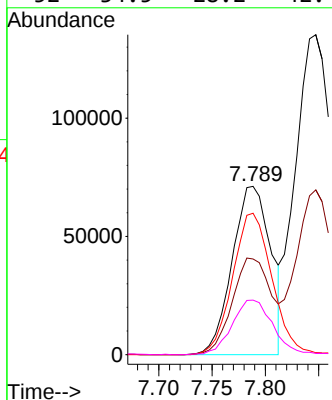
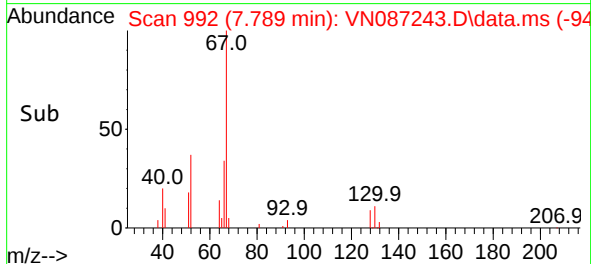
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



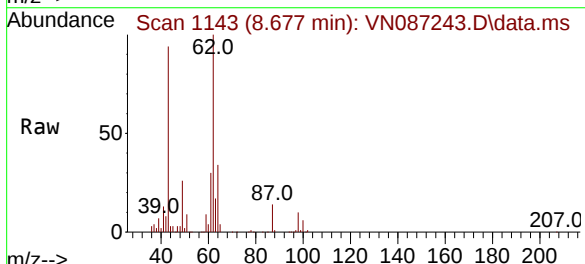
Tgt Ion: 41 Resp: 179444
Ion Ratio Lower Upper
41 100
39 57.6 46.4 69.6
67 86.2 70.8 106.2
52 34.5 28.2 42.4

Manual Integrations
APPROVED

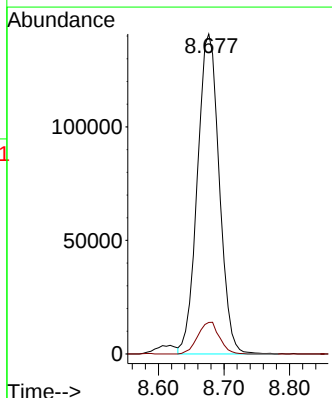
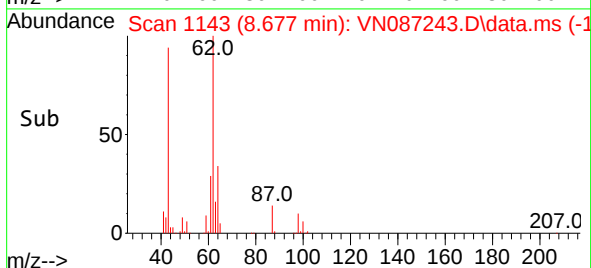
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

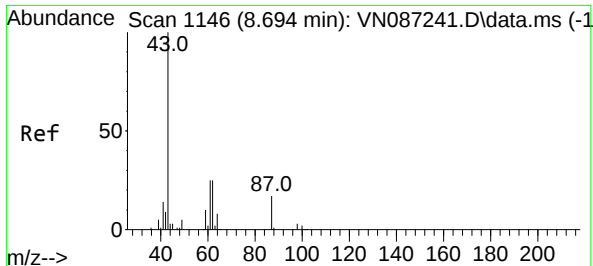


#42
1,2-Dichloroethane
Concen: 157.473 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



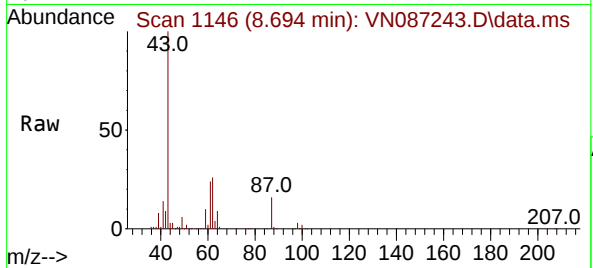
Tgt Ion: 62 Resp: 327038
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 169.340 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

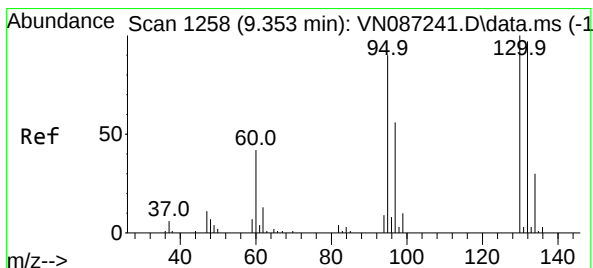
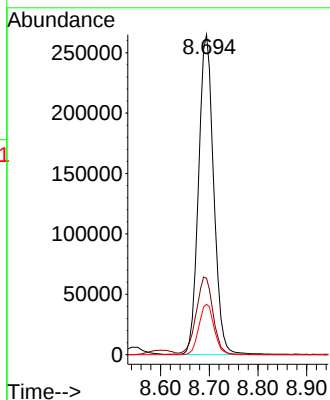
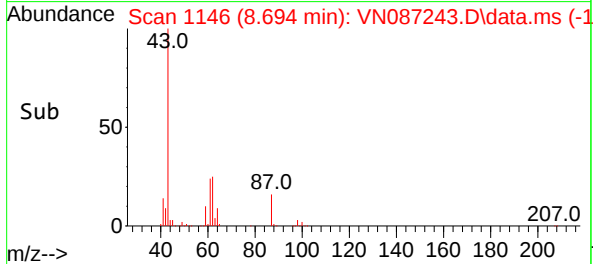
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 56905
Ion Ratio Lower Upper
43 100
61 27.2 22.4 33.6
87 16.0 12.8 19.2

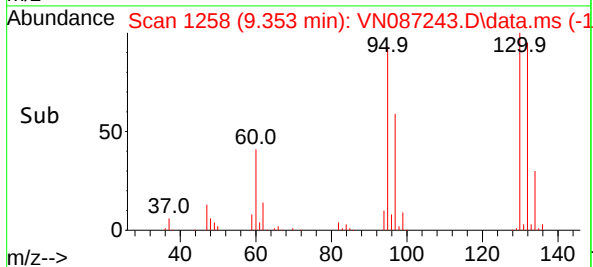
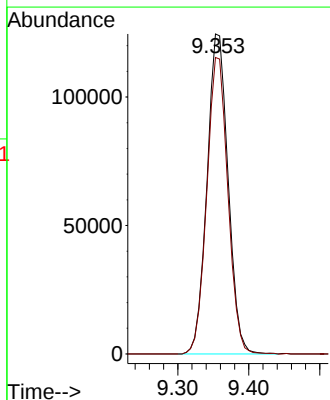
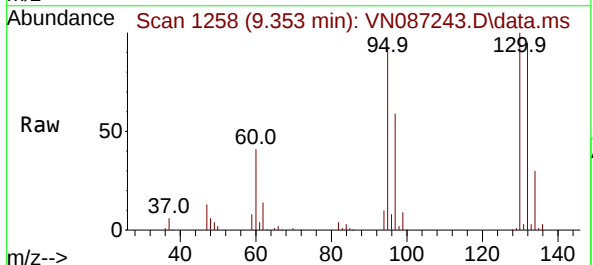
Manual Integrations
APPROVED

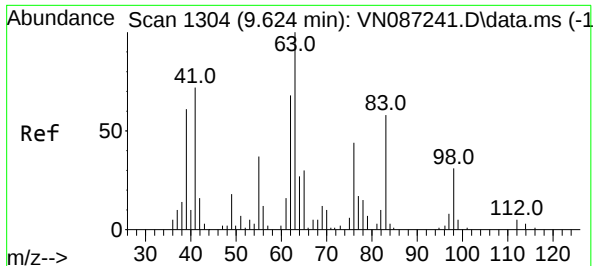
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#44
Trichloroethene
Concen: 154.958 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Tgt Ion:130 Resp: 257135
Ion Ratio Lower Upper
130 100
95 92.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 163.131 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN087243.D

Acq: 30 Jun 2025 14:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 222118

Ion Ratio Lower Upper

63 100

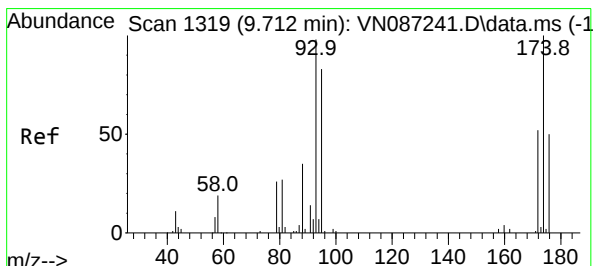
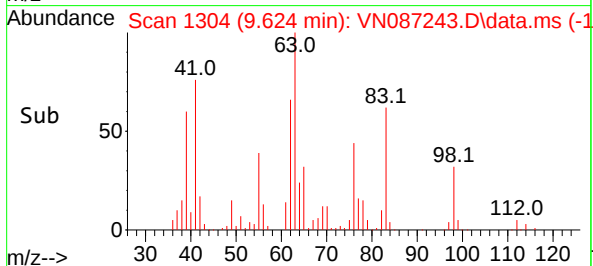
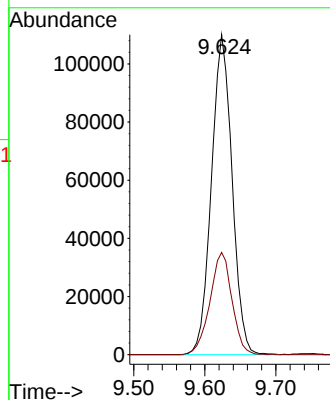
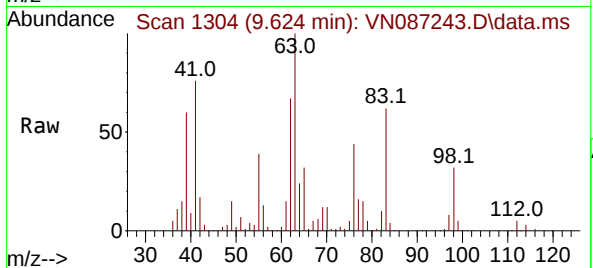
65 31.9 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#46

Dibromomethane

Concen: 156.568 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087243.D

Acq: 30 Jun 2025 14:51

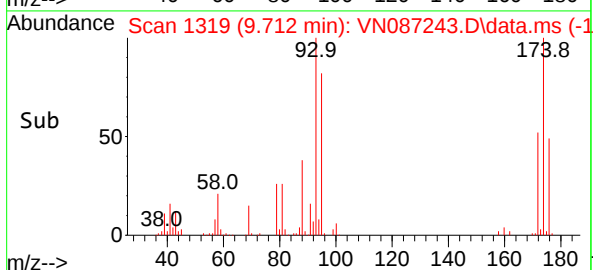
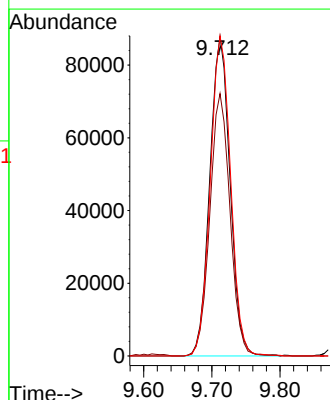
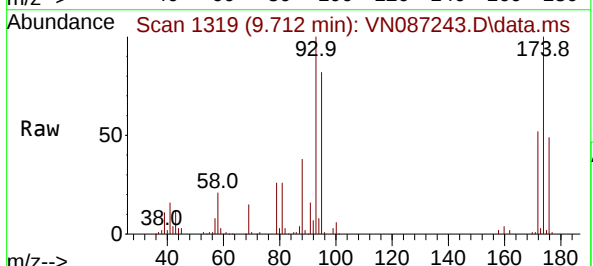
Tgt Ion: 93 Resp: 181357

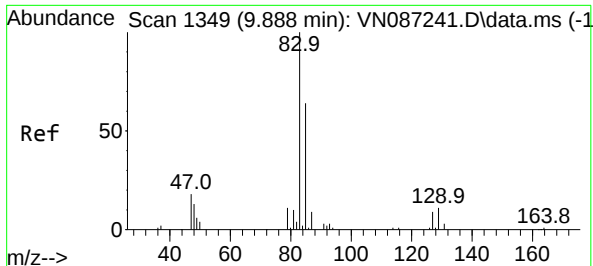
Ion Ratio Lower Upper

93 100

95 82.1 66.1 99.1

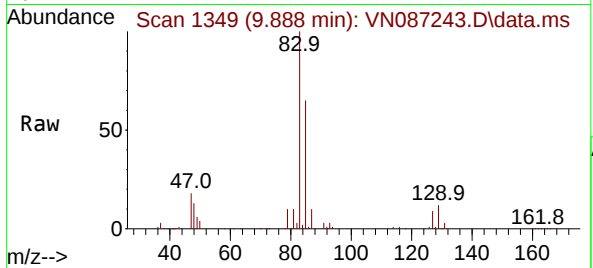
174 100.8 81.8 122.6





#47
Bromodichloromethane
Concen: 155.500 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

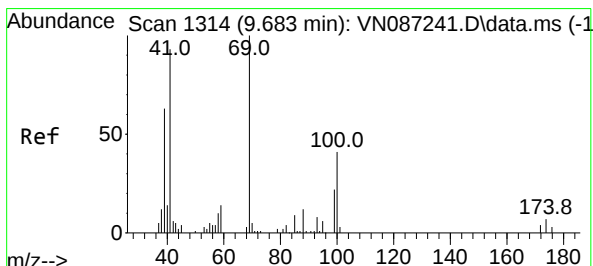
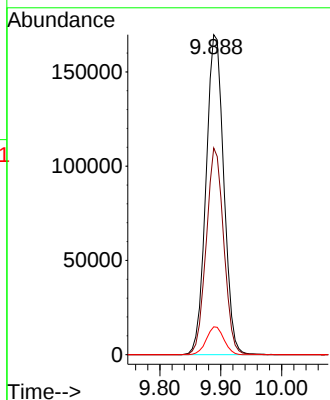
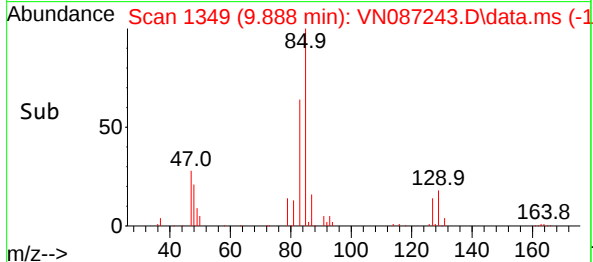
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



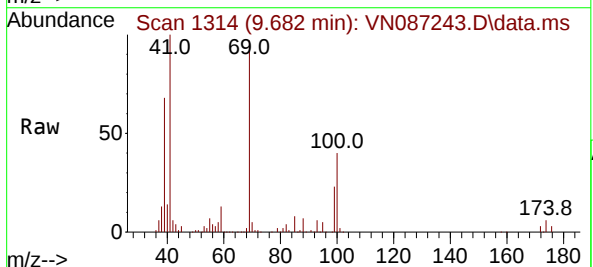
Tgt Ion: 83 Resp: 34352
Ion Ratio Lower Upper
83 100
85 64.6 51.2 76.8
127 8.7 7.0 10.4

Manual Integrations
APPROVED

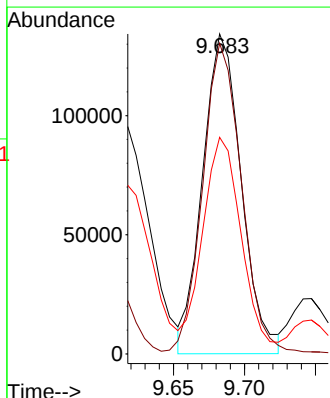
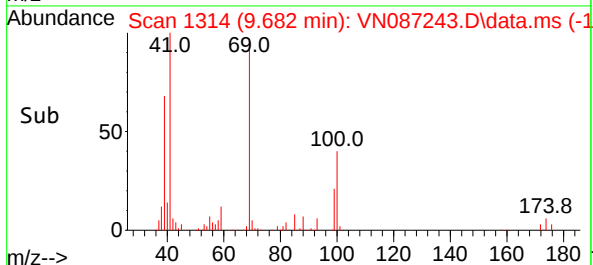
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

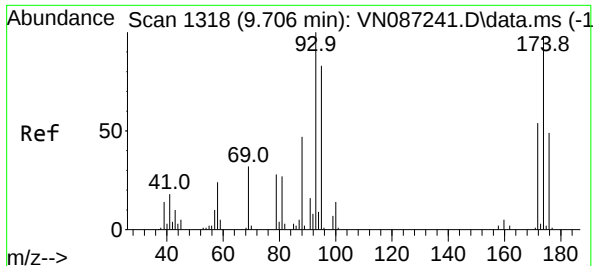


#48
Methyl methacrylate
Concen: 179.473 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



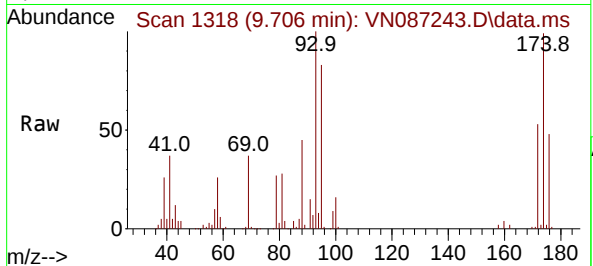
Tgt Ion: 41 Resp: 254189
Ion Ratio Lower Upper
41 100
69 97.5 81.4 122.2
39 68.1 56.9 85.3





#49
1,4-Dioxane
Concen: 3038.212 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

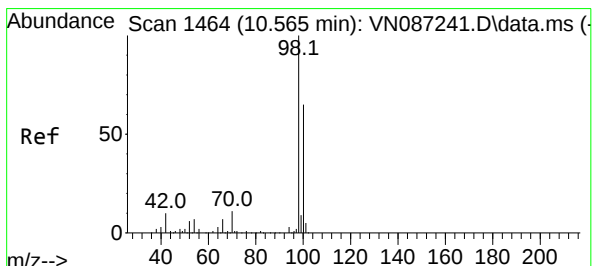
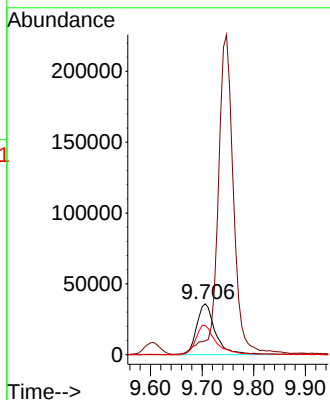
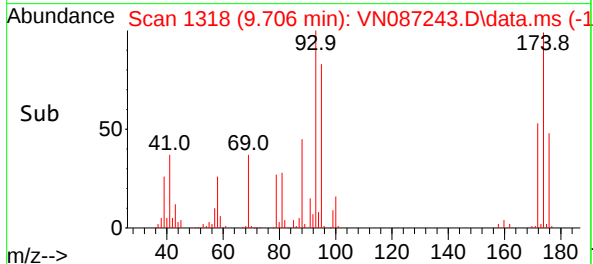
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 88 Resp: 9064
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 63.3 47.8 71.8

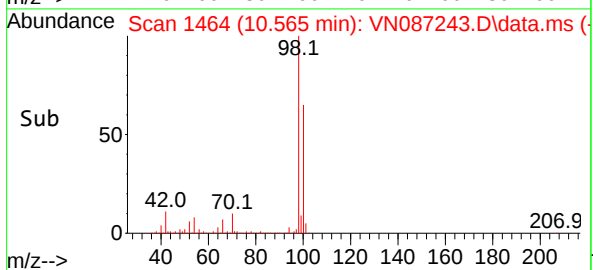
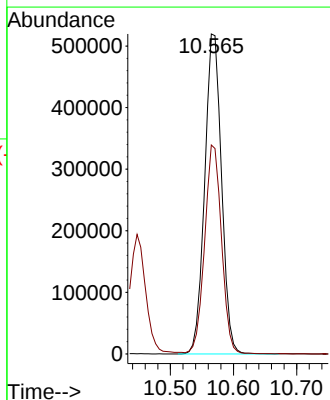
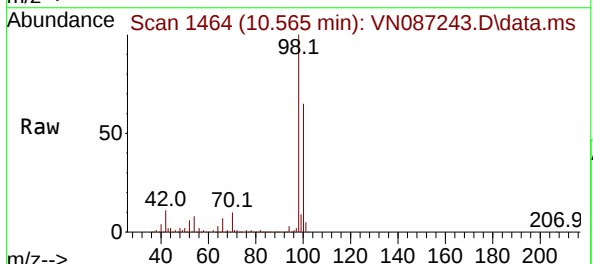
Manual Integrations
APPROVED

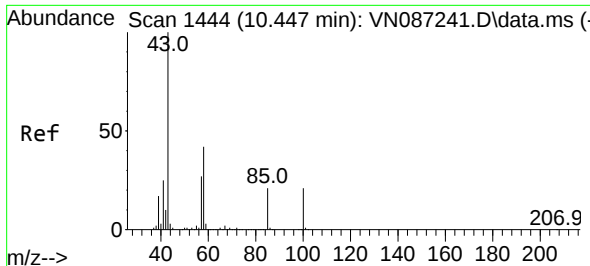
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#50
Toluene-d8
Concen: 166.399 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

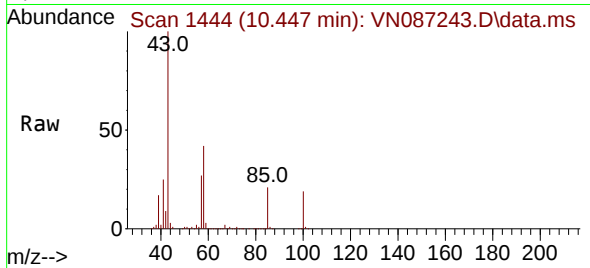
Tgt Ion: 98 Resp: 961393
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 901.509 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

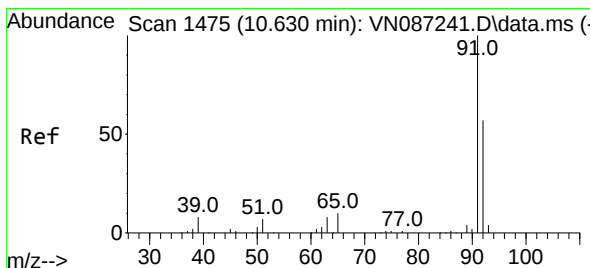
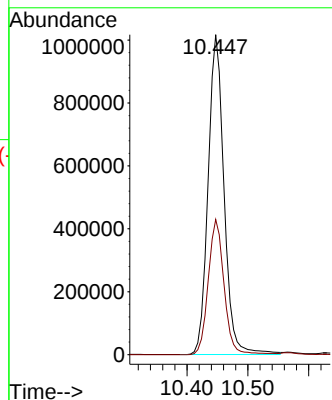
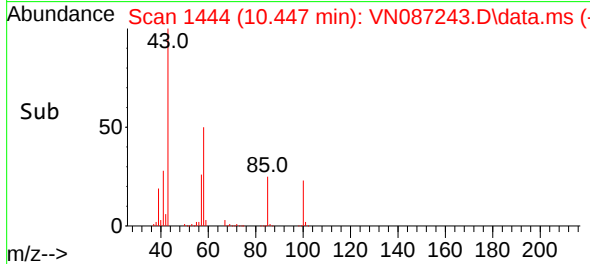
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



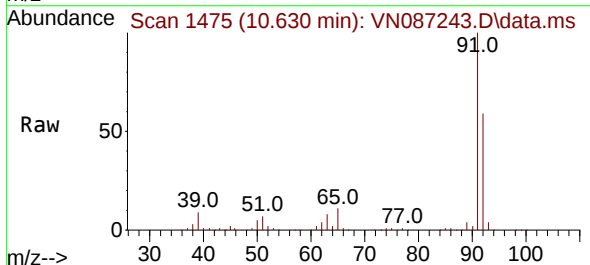
Tgt Ion: 43 Resp: 1853562
Ion Ratio Lower Upper
43 100
58 42.0 34.2 51.2

Manual Integrations
APPROVED

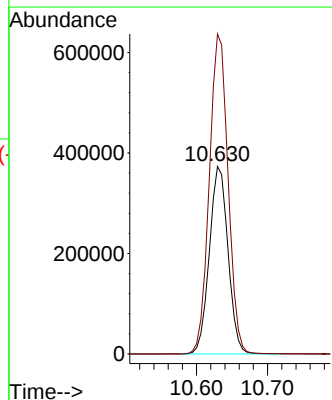
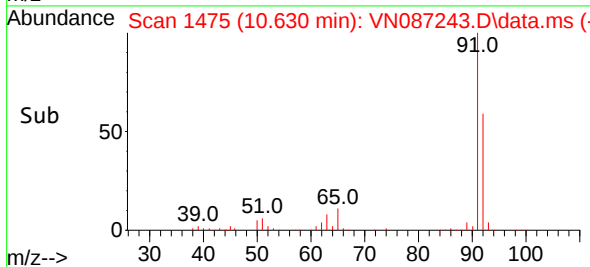
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

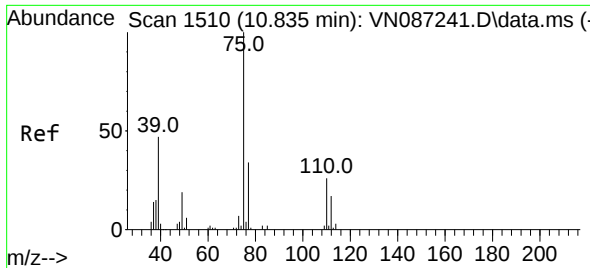


#52
Toluene
Concen: 166.257 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



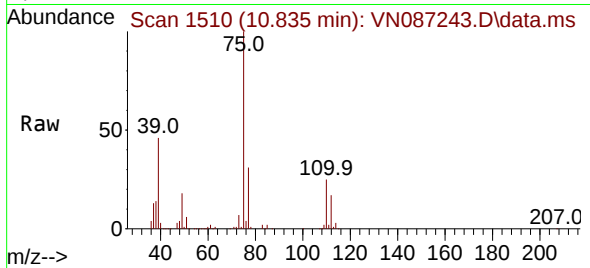
Tgt Ion: 92 Resp: 680922
Ion Ratio Lower Upper
92 100
91 171.7 137.8 206.6





#53
t-1,3-Dichloropropene
Concen: 170.798 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

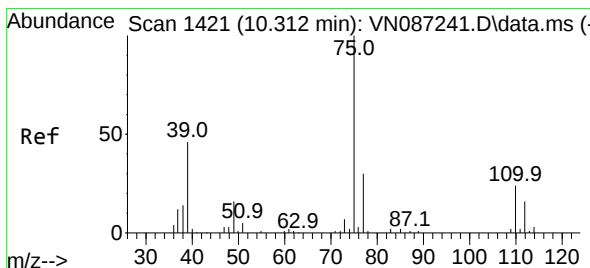
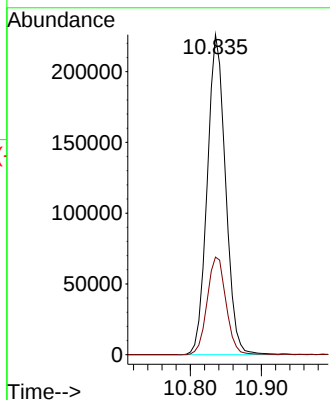
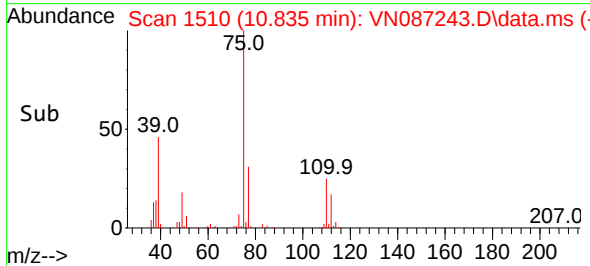
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 404704
Ion Ratio Lower Upper
75 100
77 30.5 27.1 40.7

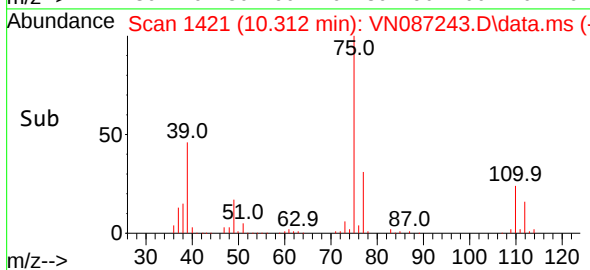
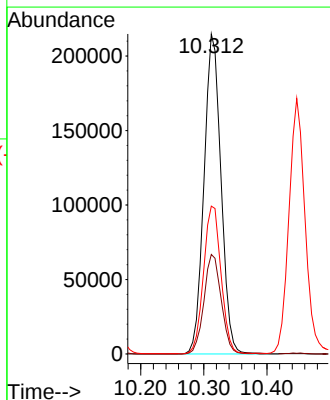
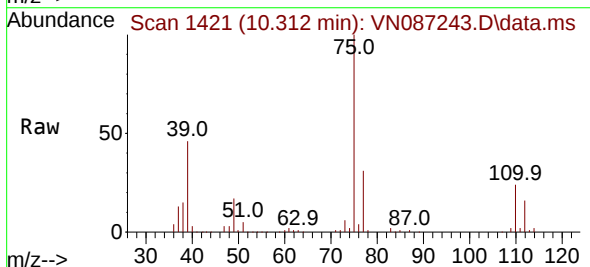
Manual Integrations
APPROVED

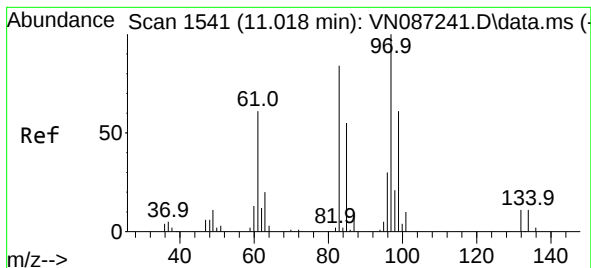
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#54
cis-1,3-Dichloropropene
Concen: 166.504 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

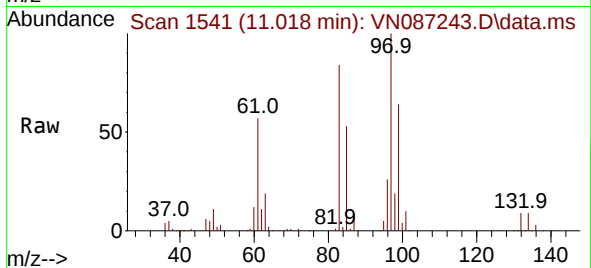
Tgt Ion: 75 Resp: 401966
Ion Ratio Lower Upper
75 100
77 31.1 24.1 36.1
39 46.1 36.7 55.1





#55
1,1,2-Trichloroethane
Concen: 156.165 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

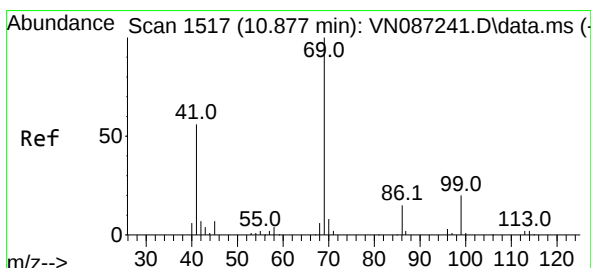
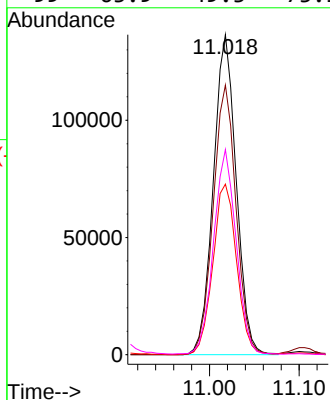
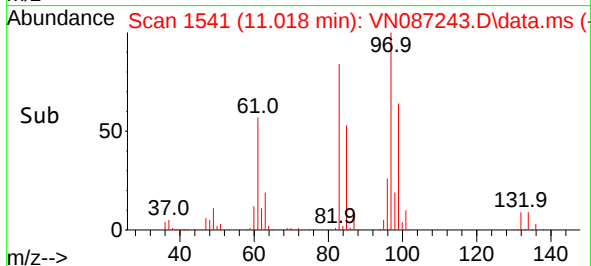
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



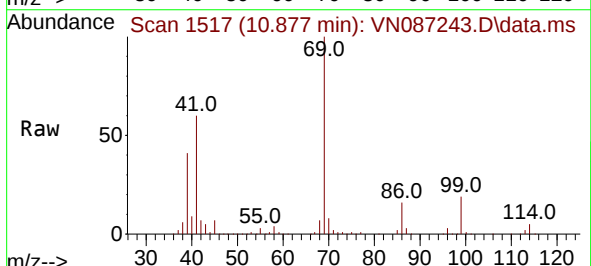
Tgt Ion: 97 Resp: 241610
Ion Ratio Lower Upper
97 100
83 84.2 67.4 101.2
85 53.3 43.6 65.4
99 63.9 49.3 73.9

Manual Integrations
APPROVED

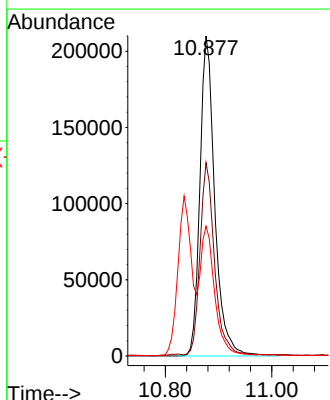
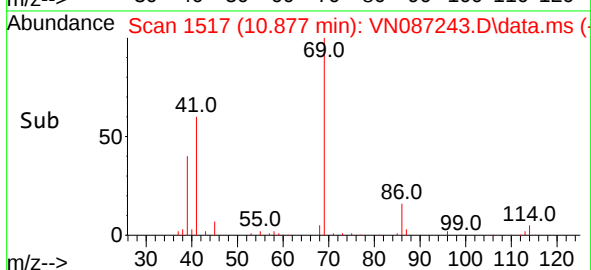
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

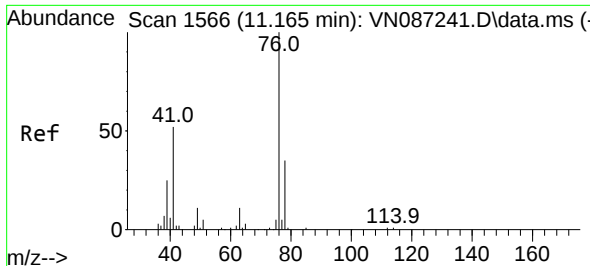


#56
Ethyl methacrylate
Concen: 179.778 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



Tgt Ion: 69 Resp: 407510
Ion Ratio Lower Upper
69 100
41 58.1 44.2 66.4
39 37.9 29.5 44.3





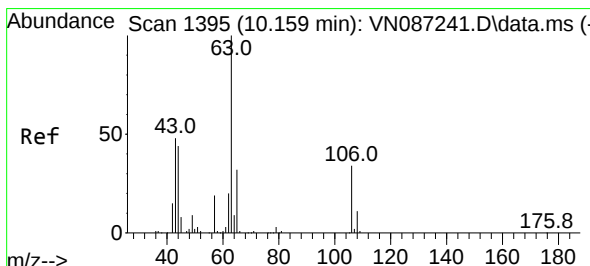
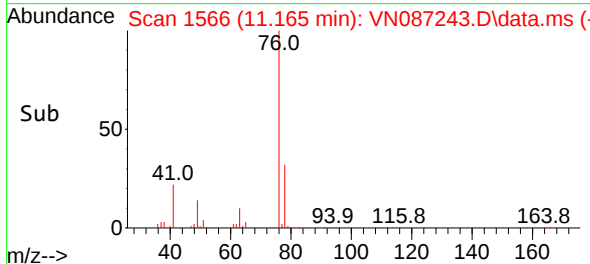
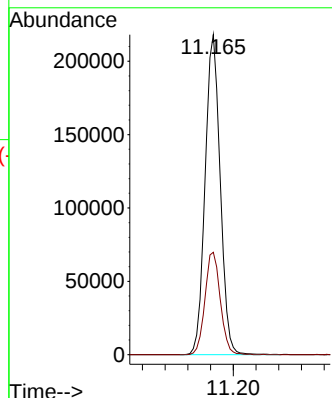
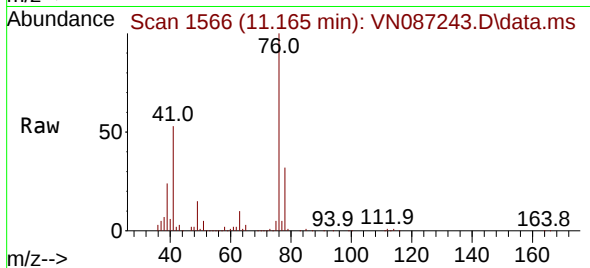
#57
1,3-Dichloropropane
Concen: 158.907 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 401258
Ion Ratio Lower Upper
76 100
78 32.5 27.1 40.7

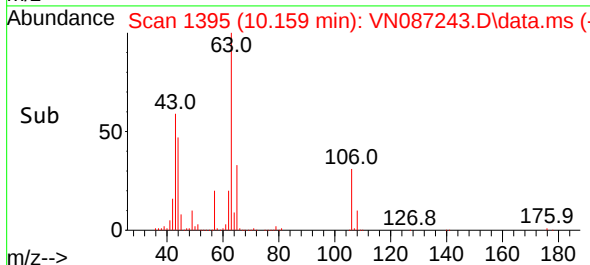
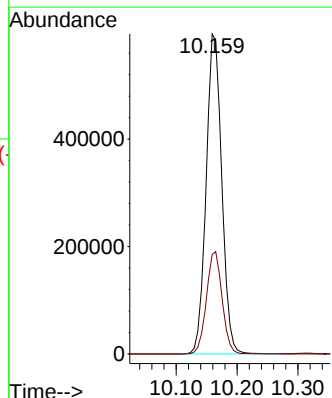
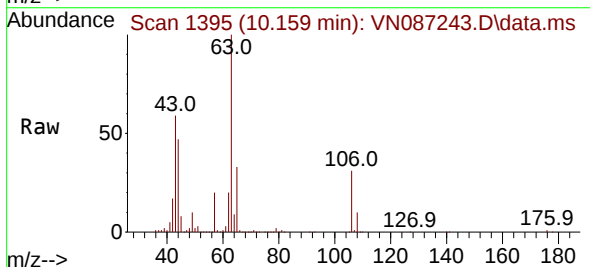
Manual Integrations
APPROVED

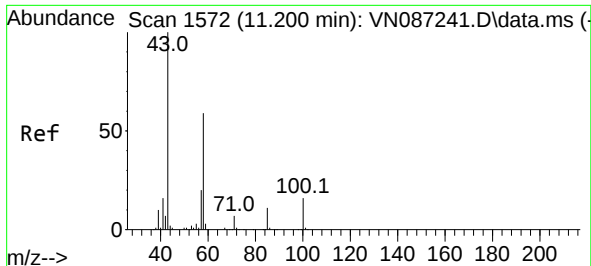
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#58
2-Chloroethyl Vinyl ether
Concen: 887.389 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Tgt Ion: 63 Resp: 1063072
Ion Ratio Lower Upper
63 100
106 32.1 26.9 40.3





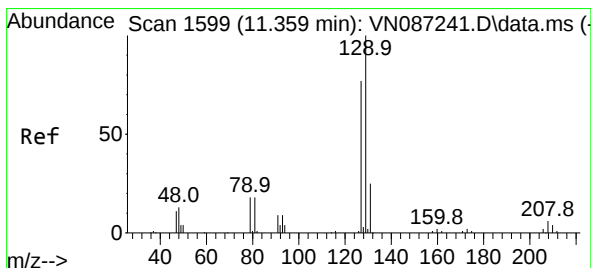
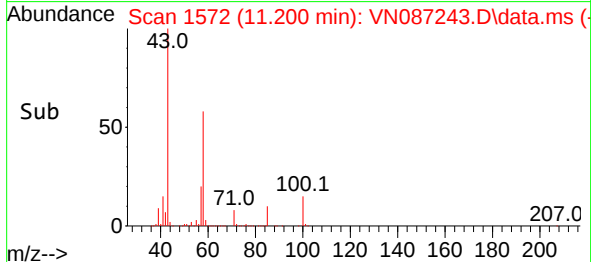
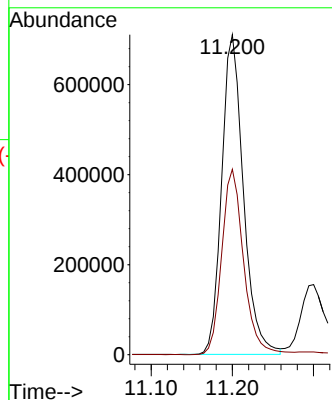
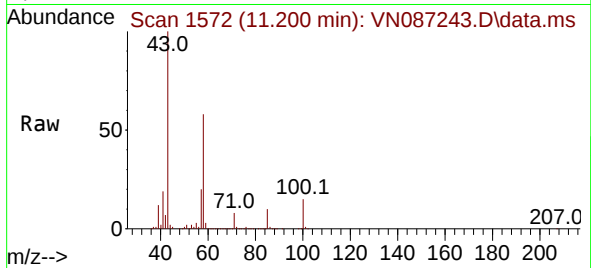
#59
2-Hexanone
Concen: 916.442 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1322300
Ion Ratio Lower Upper
43 100
58 58.7 31.1 93.3

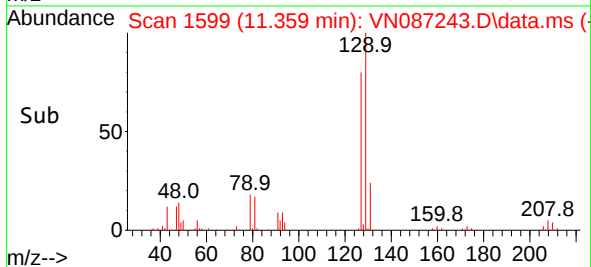
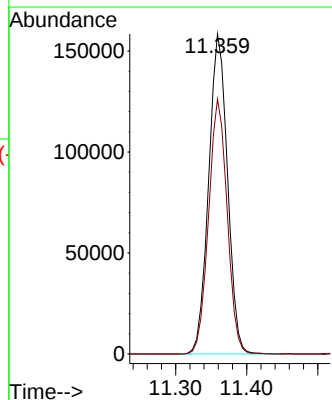
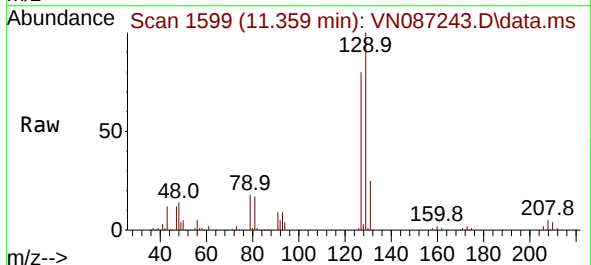
Manual Integrations
APPROVED

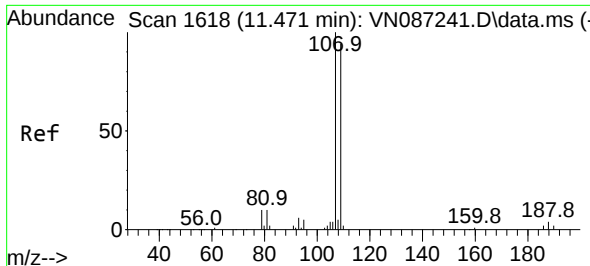
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#60
Dibromochloromethane
Concen: 159.971 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

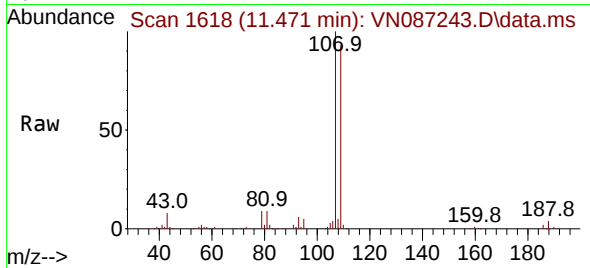
Tgt Ion:129 Resp: 291756
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.9





#61
1,2-Dibromoethane
Concen: 161.763 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

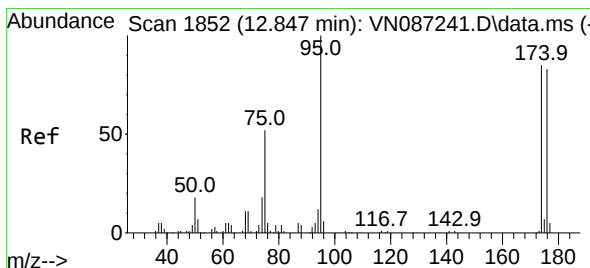
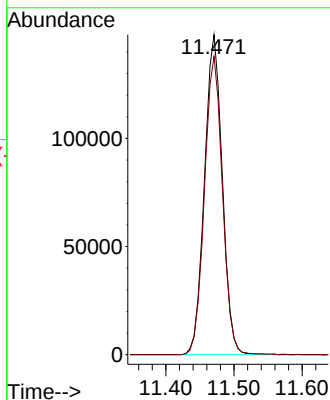
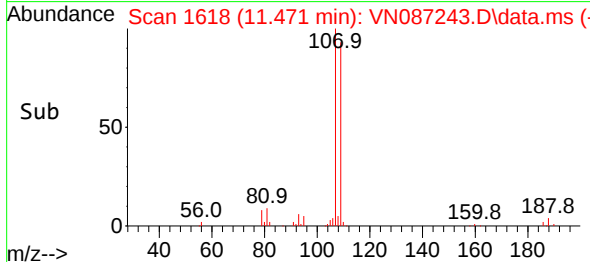
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:107 Resp: 269210
Ion Ratio Lower Upper
107 100
109 94.0 76.0 114.0

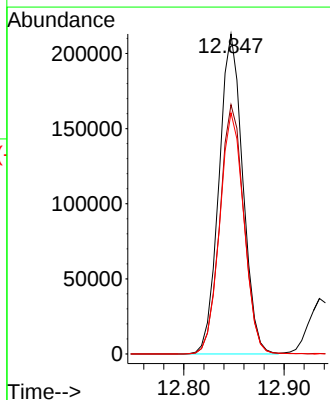
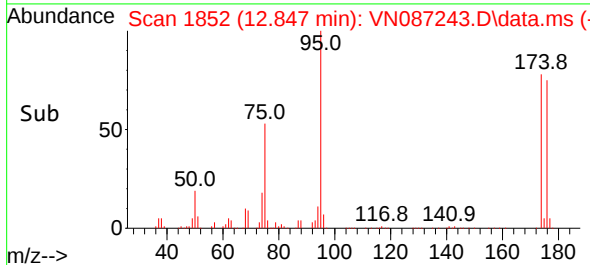
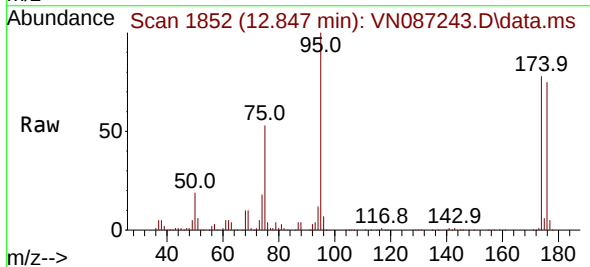
Manual Integrations
APPROVED

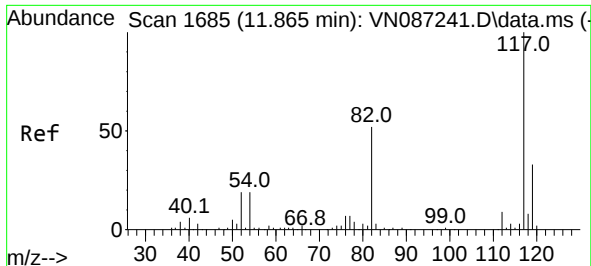
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#62
4-Bromofluorobenzene
Concen: 170.692 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Tgt Ion: 95 Resp: 350896
Ion Ratio Lower Upper
95 100
174 78.7 0.0 169.6
176 76.6 0.0 161.6





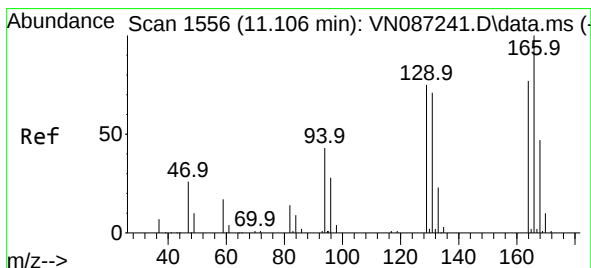
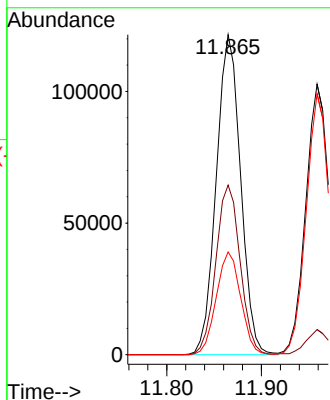
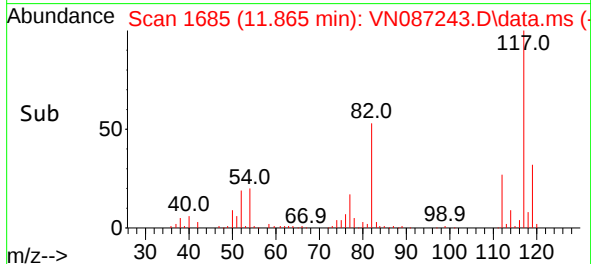
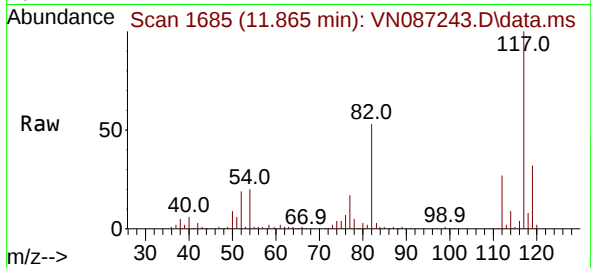
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 21744
Ion Ratio Lower Upper
117 100
82 53.0 41.9 62.9
119 32.1 26.2 39.4

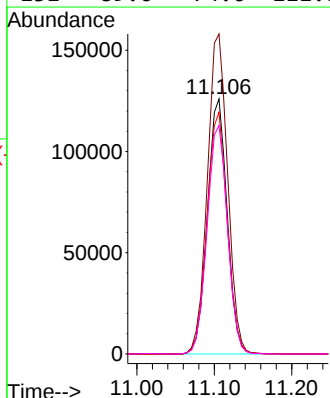
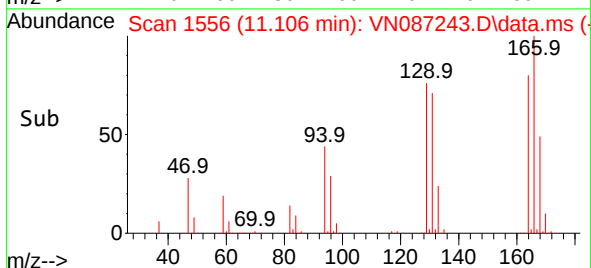
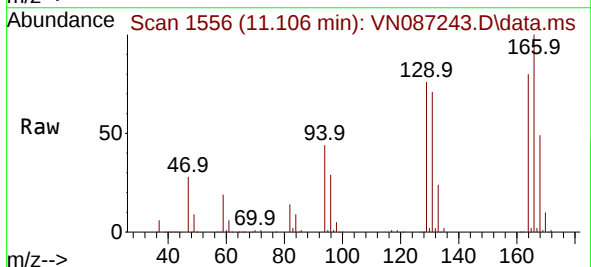
Manual Integrations
APPROVED

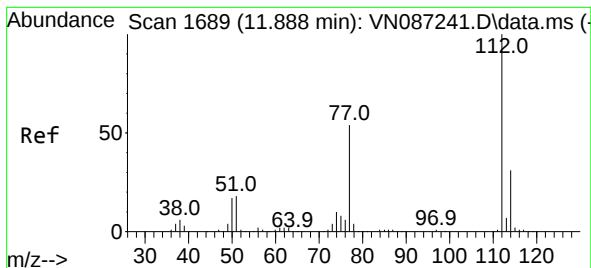
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#64
Tetrachloroethene
Concen: 154.728 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

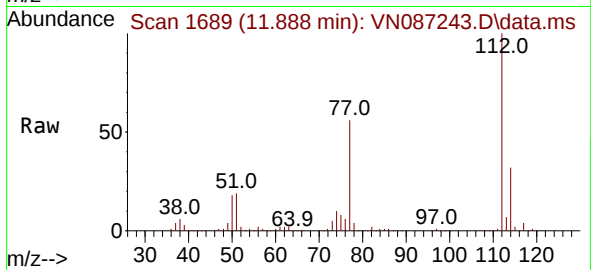
Tgt Ion:164 Resp: 224325
Ion Ratio Lower Upper
164 100
166 125.4 104.3 156.5
129 94.8 78.5 117.7
131 89.6 74.6 111.8





#65
Chlorobenzene
Concen: 153.137 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

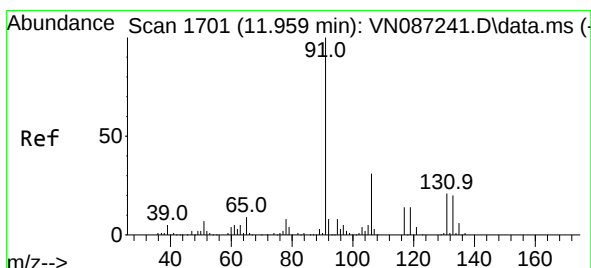
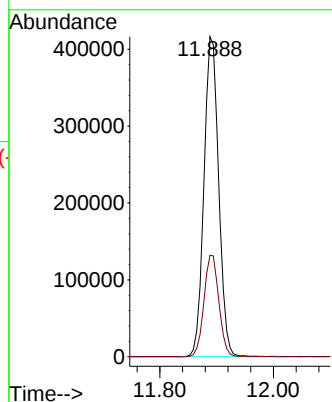
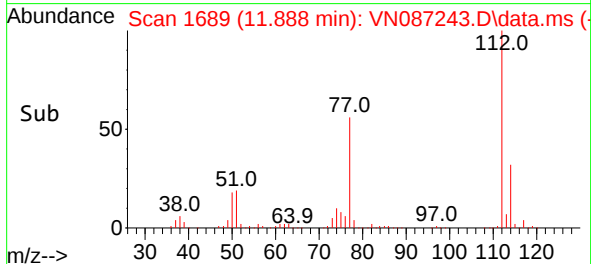
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:112 Resp: 747168
Ion Ratio Lower Upper
112 100
114 31.7 24.4 36.6

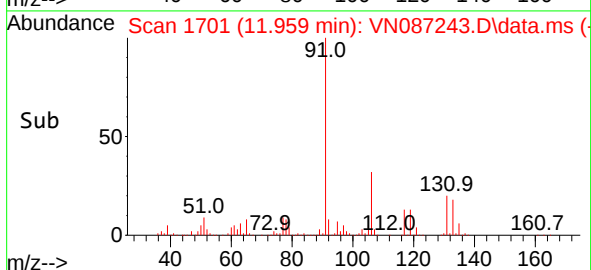
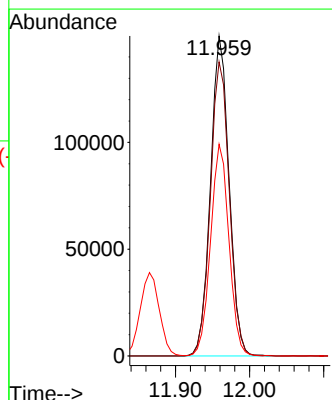
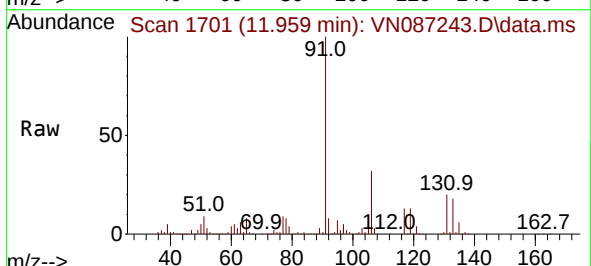
Manual Integrations
APPROVED

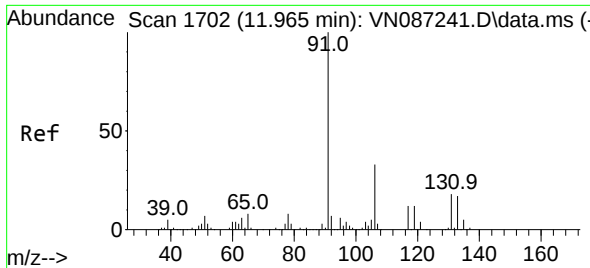
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 154.661 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Tgt Ion:131 Resp: 260562
Ion Ratio Lower Upper
131 100
133 94.2 47.2 141.6
119 65.6 32.4 97.2





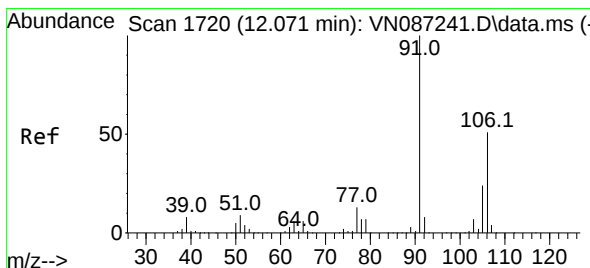
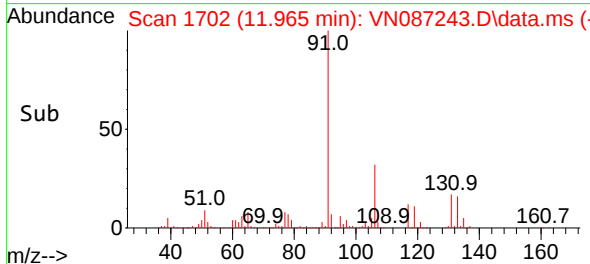
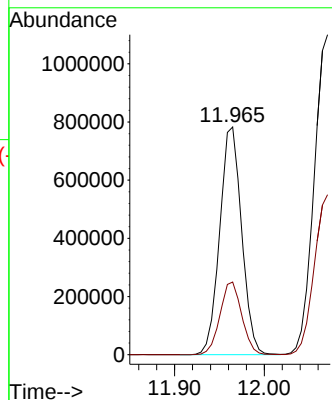
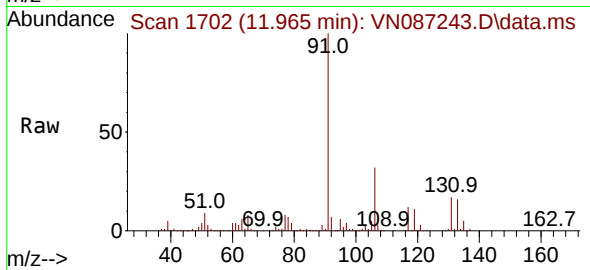
#67
Ethyl Benzene
Concen: 168.360 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 132922
Ion Ratio Lower Upper
91 100
106 31.9 26.2 39.4

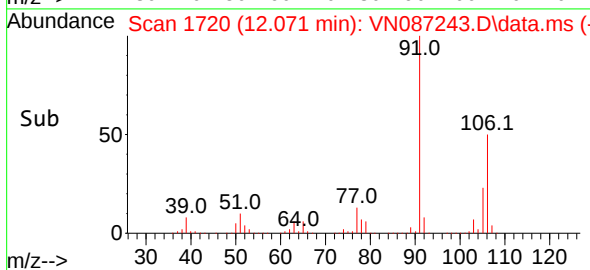
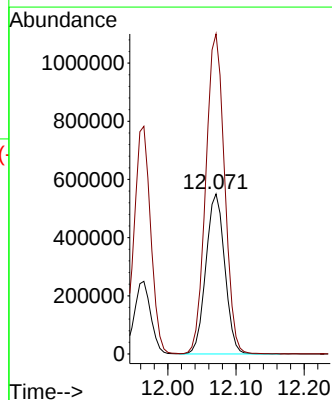
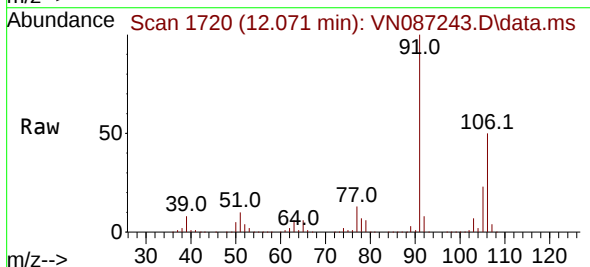
Manual Integrations
APPROVED

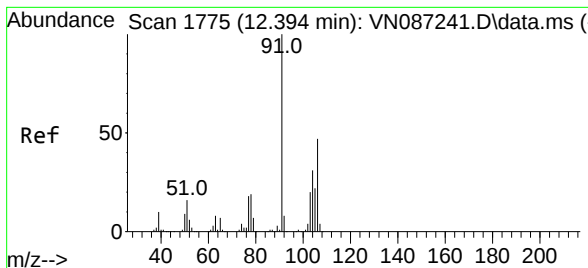
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#68
m/p-Xylenes
Concen: 334.469 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Tgt Ion:106 Resp: 1055031
Ion Ratio Lower Upper
106 100
91 200.0 158.2 237.2





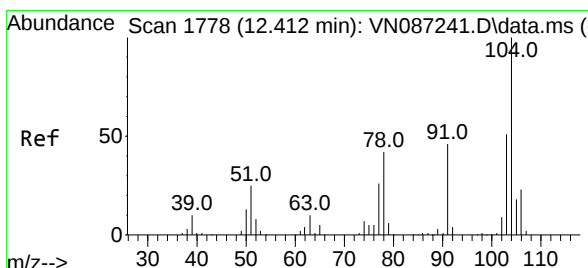
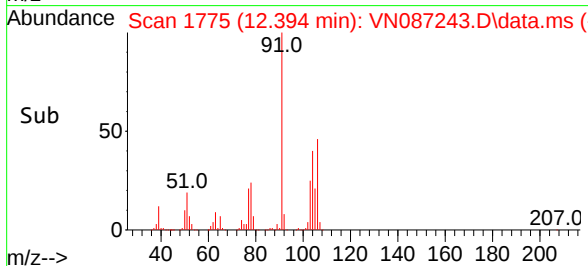
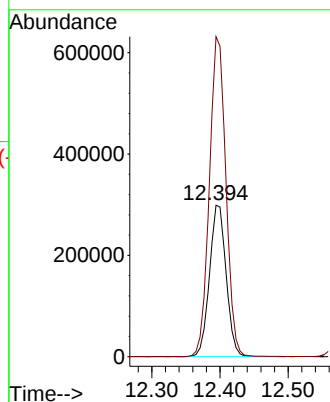
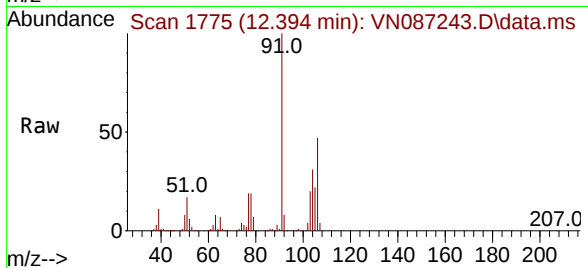
#69
o-Xylene
Concen: 171.961 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 507409
Ion Ratio Lower Upper
106 100
91 210.2 105.4 316.1

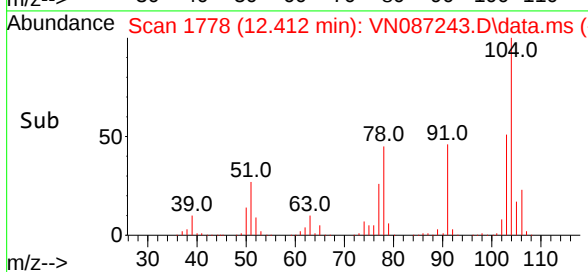
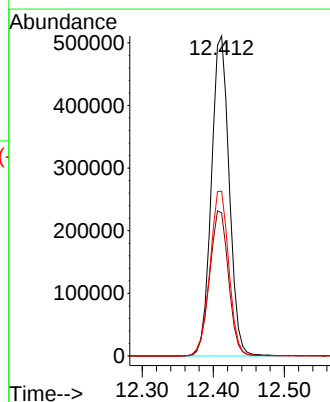
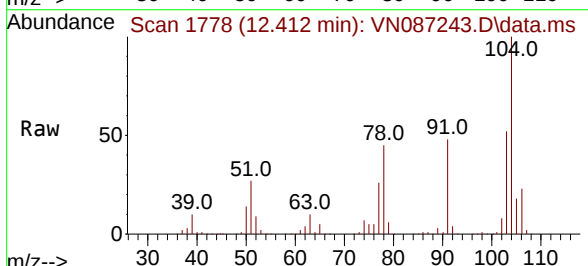
Manual Integrations
APPROVED

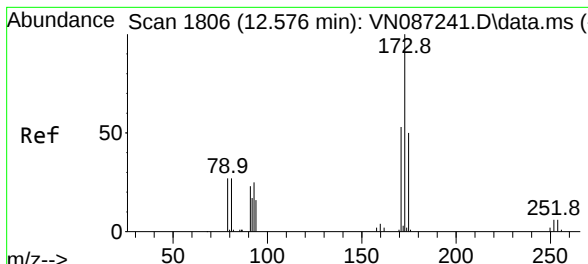
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#70
Styrene
Concen: 177.563 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

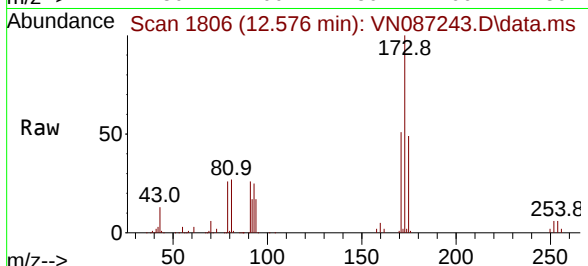
Tgt Ion:104 Resp: 890413
Ion Ratio Lower Upper
104 100
78 48.5 37.6 56.4
103 54.7 44.0 66.0





#71
Bromoform
Concen: 167.337 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

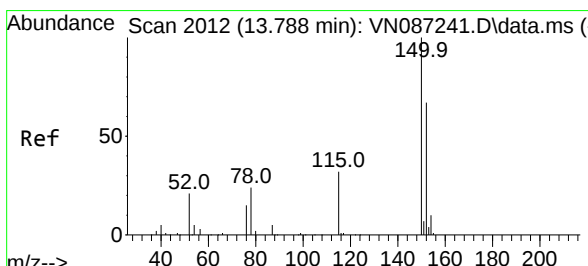
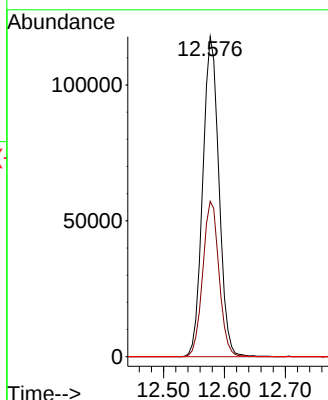
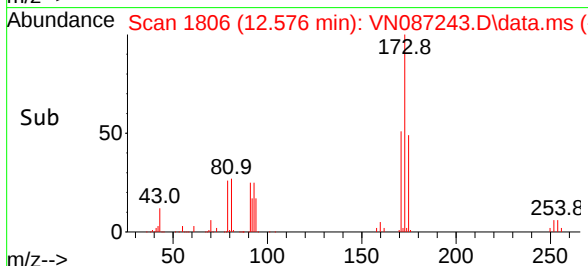
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



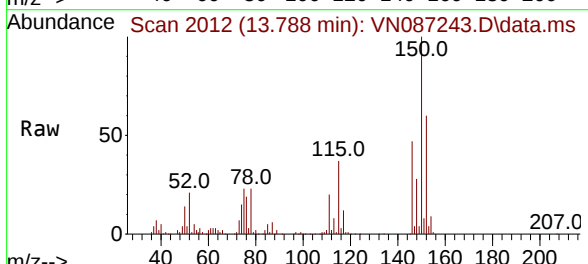
Tgt Ion:173 Resp: 21749
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

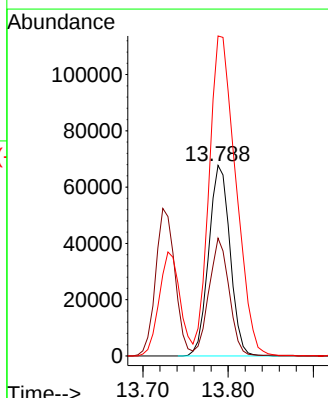
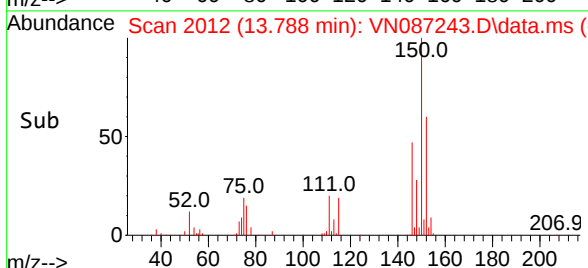
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

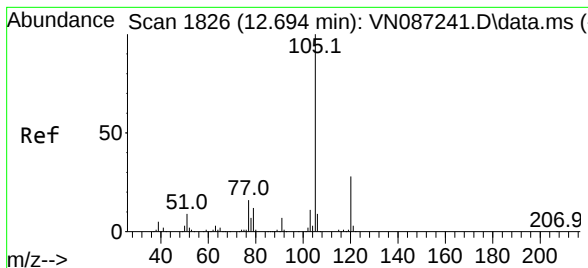


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



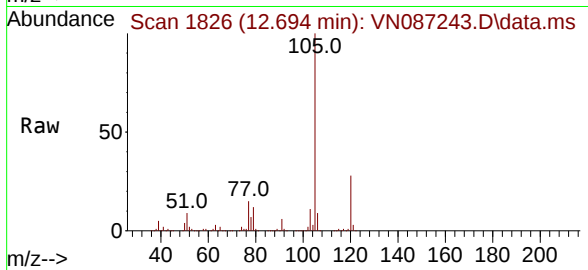
Tgt Ion:152 Resp: 117603
Ion Ratio Lower Upper
152 100
115 57.7 28.3 84.9
150 210.4 0.0 344.6





#73
Isopropylbenzene
Concen: 169.457 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

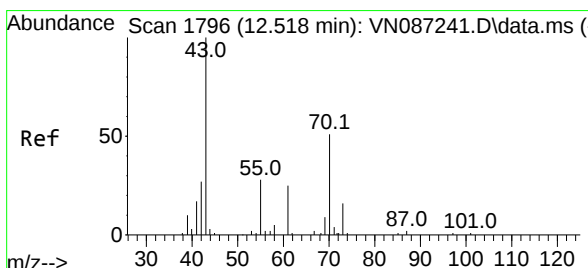
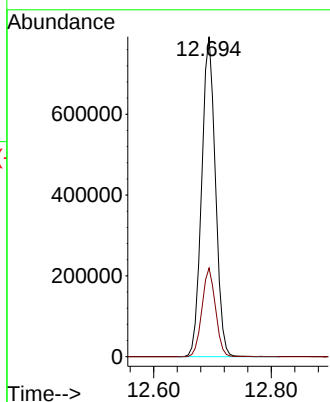
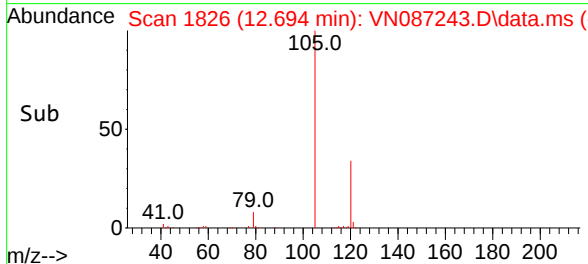
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:105 Resp: 128408
Ion Ratio Lower Upper
105 100
120 27.2 13.9 41.6

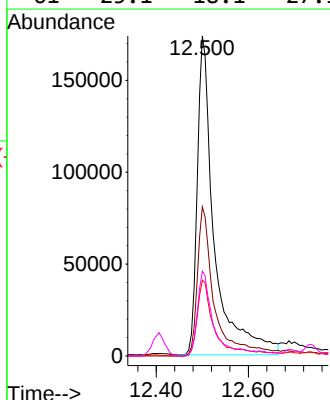
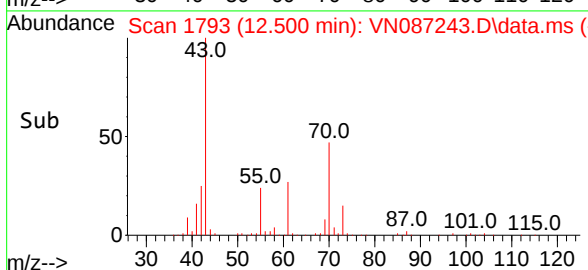
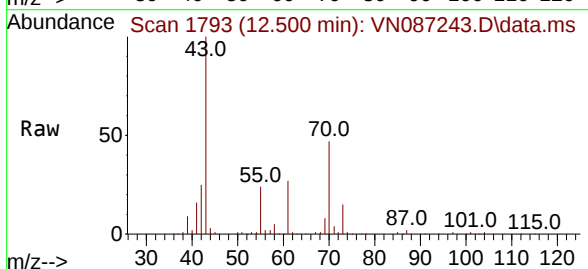
Manual Integrations
APPROVED

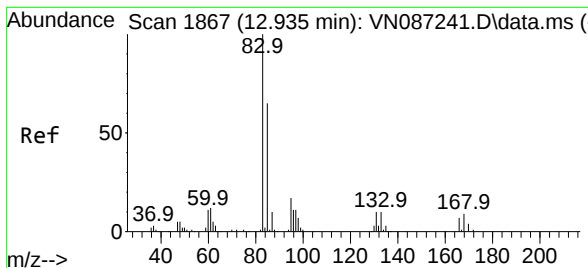
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#74
N-ethyl acetate
Concen: 174.773 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.018 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

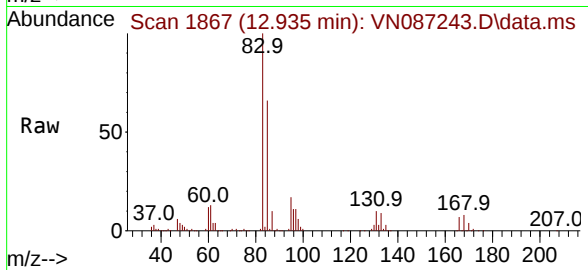
Tgt Ion: 43 Resp: 448007
Ion Ratio Lower Upper
43 100
70 46.7 29.2 43.8#
55 23.2 17.0 25.4
61 25.1 18.1 27.1





#75
1,1,2,2-Tetrachloroethane
Concen: 156.214 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

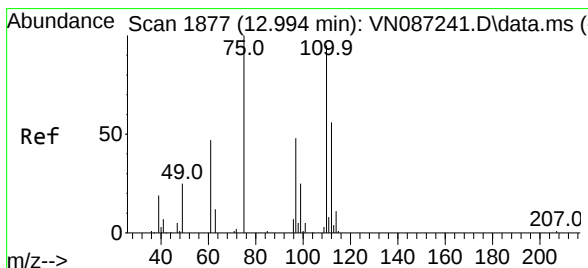
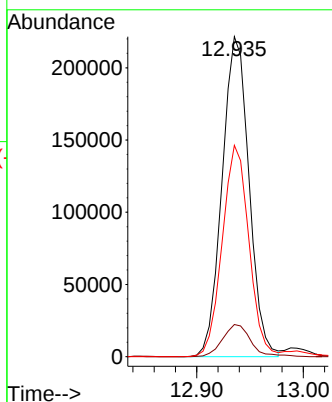
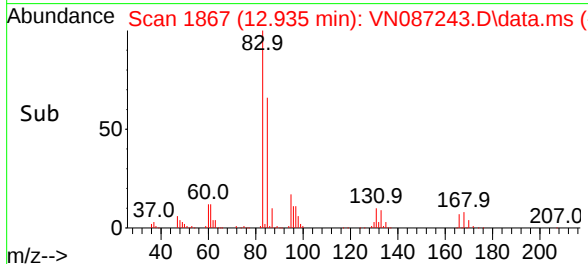
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



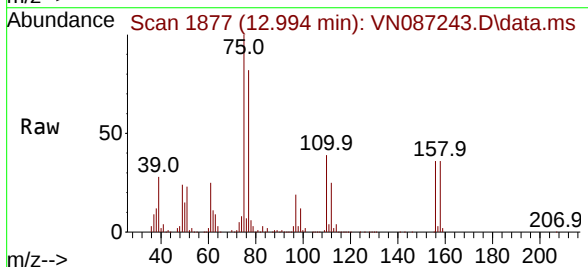
Tgt Ion: 83 Resp: 389364
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 65.3 32.2 96.6

Manual Integrations
APPROVED

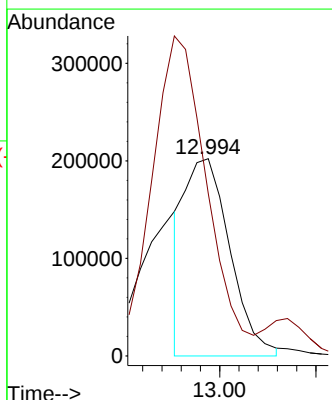
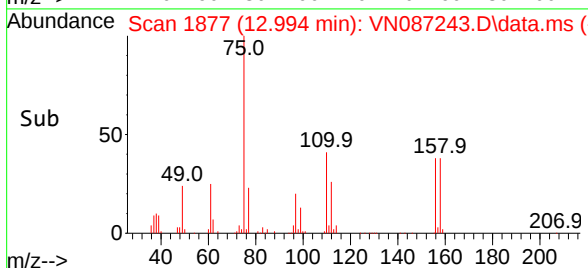
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

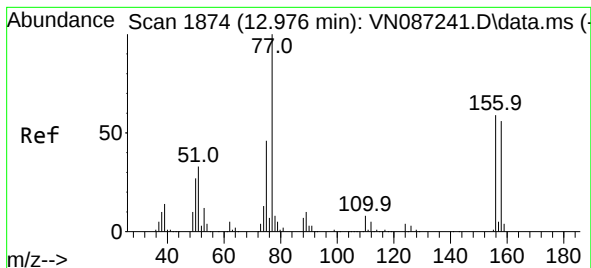


#76
1,2,3-Trichloropropane
Concen: 146.668 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



Tgt Ion: 75 Resp: 330799
Ion Ratio Lower Upper
75 100
77 198.1 82.0 245.8





#77

Bromobenzene

Concen: 159.233 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN087243.D

Acq: 30 Jun 2025 14:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:156 Resp: 314972

Ion Ratio Lower Upper

156 100

77 208.1 98.0 294.1

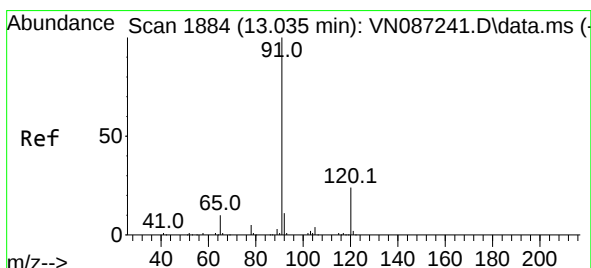
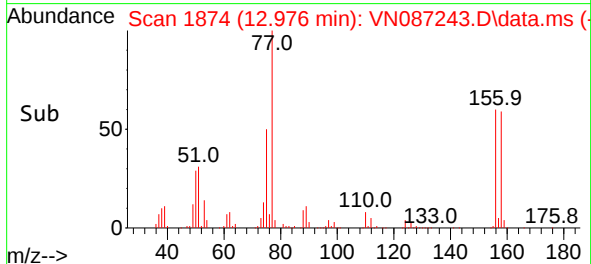
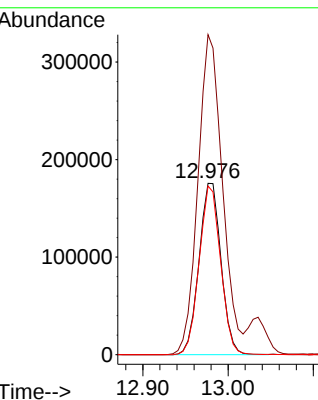
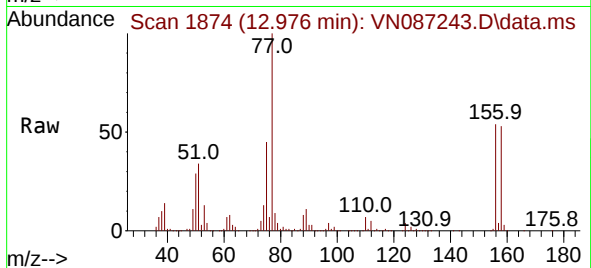
158 96.1 47.7 143.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#78

n-propylbenzene

Concen: 166.122 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN087243.D

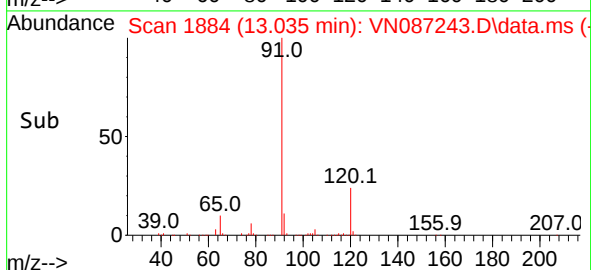
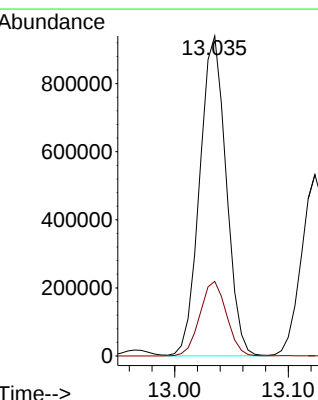
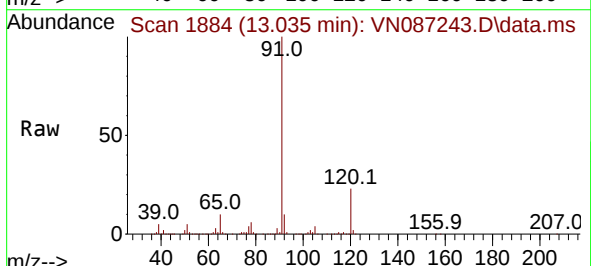
Acq: 30 Jun 2025 14:51

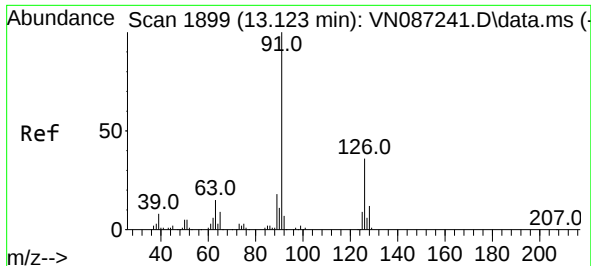
Tgt Ion: 91 Resp: 1520560

Ion Ratio Lower Upper

91 100

120 23.4 12.0 36.0





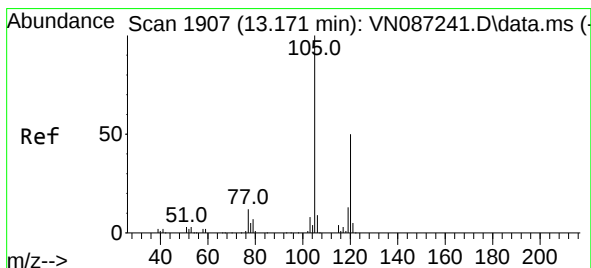
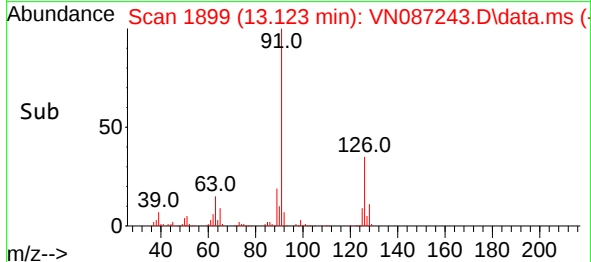
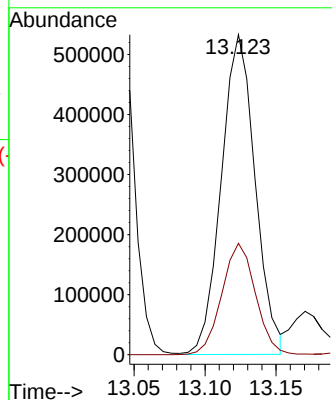
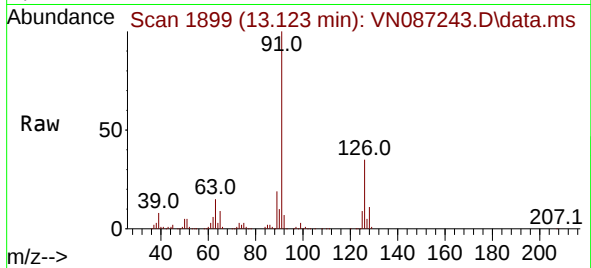
#79
2-Chlorotoluene
Concen: 162.160 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 88335
Ion Ratio Lower Upper
91 100
126 34.6 17.8 53.3

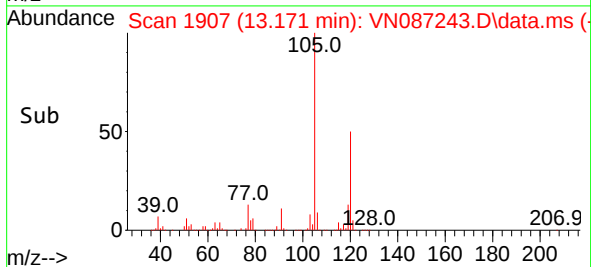
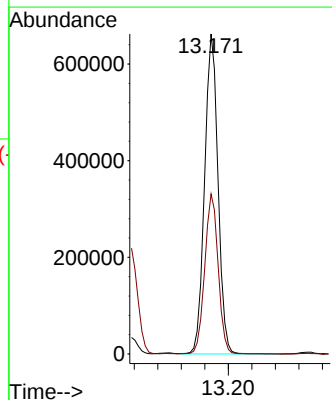
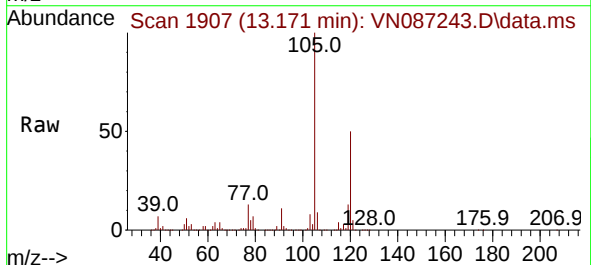
Manual Integrations
APPROVED

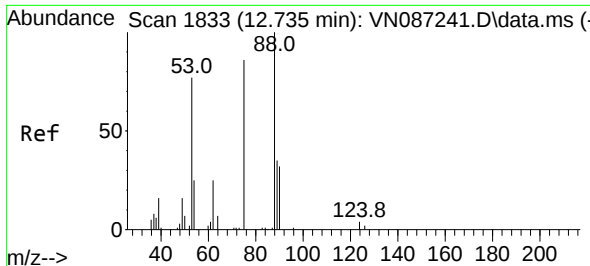
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#80
1,3,5-Trimethylbenzene
Concen: 165.753 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

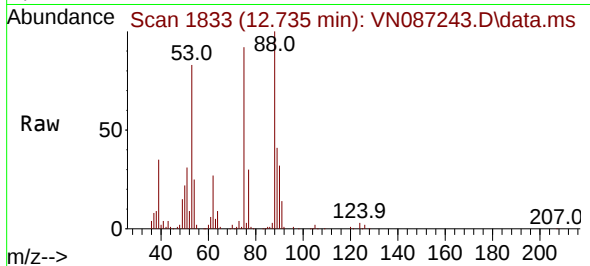
Tgt Ion:105 Resp: 1049859
Ion Ratio Lower Upper
105 100
120 49.9 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 169.730 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

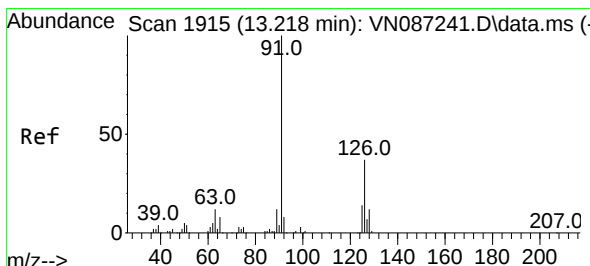
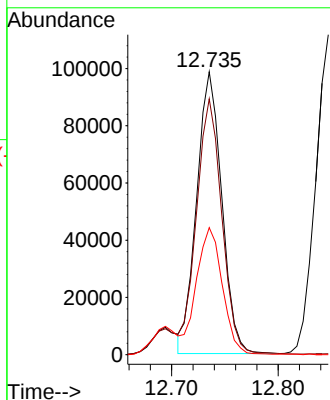
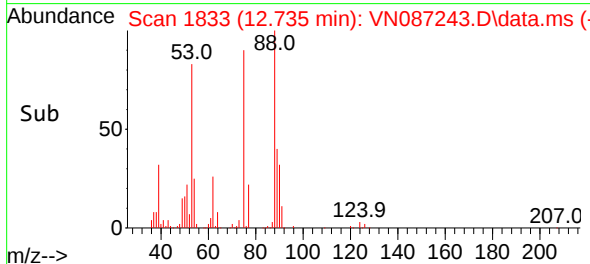
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



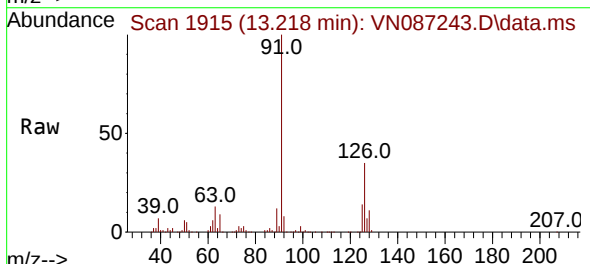
Tgt Ion: 75 Resp: 161637
Ion Ratio Lower Upper
75 100
53 91.8 70.6 105.8
89 47.0 36.1 54.1

Manual Integrations
APPROVED

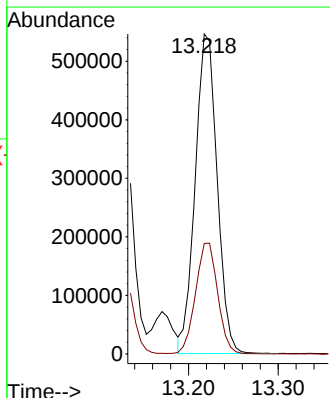
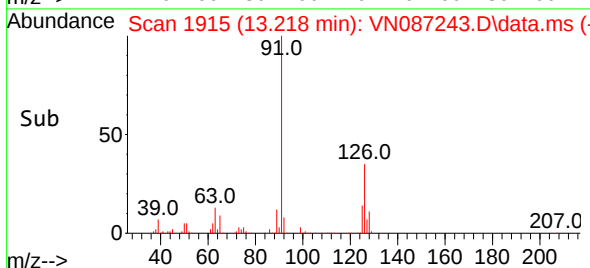
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

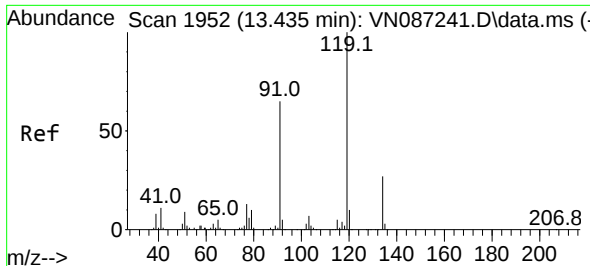


#82
4-Chlorotoluene
Concen: 162.567 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



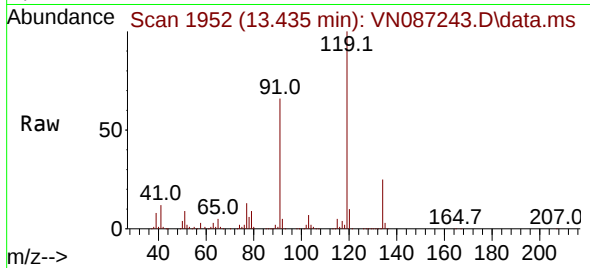
Tgt Ion: 91 Resp: 927025
Ion Ratio Lower Upper
91 100
126 35.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 162.303 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

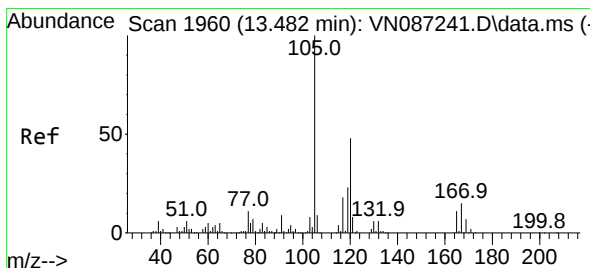
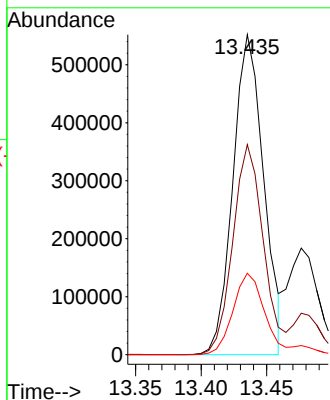
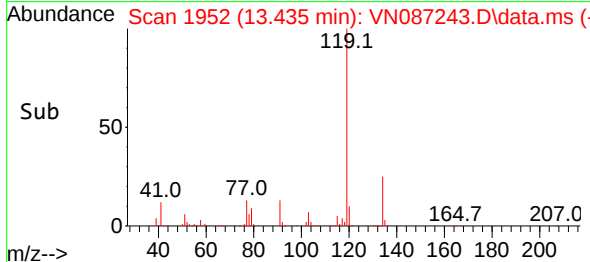
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



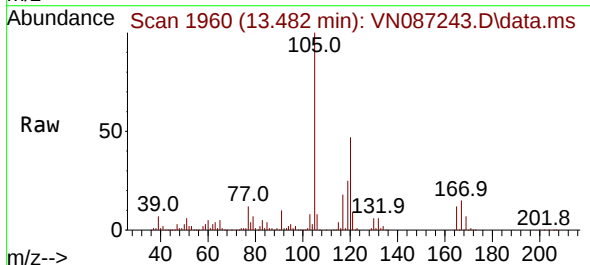
Tgt Ion:119 Resp: 900660
Ion Ratio Lower Upper
119 100
91 65.4 32.5 97.4
134 28.0 14.2 42.8

Manual Integrations
APPROVED

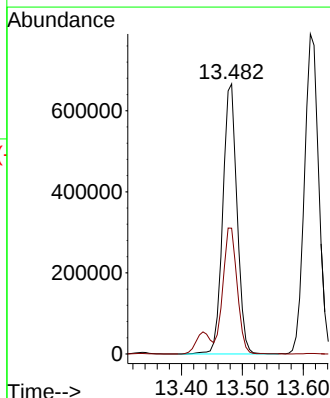
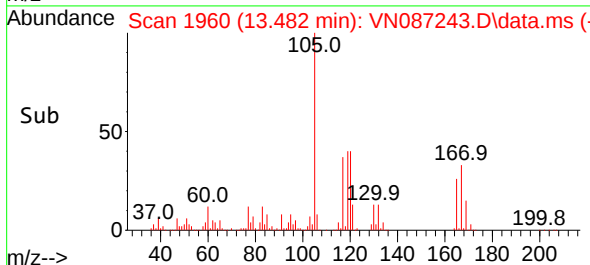
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

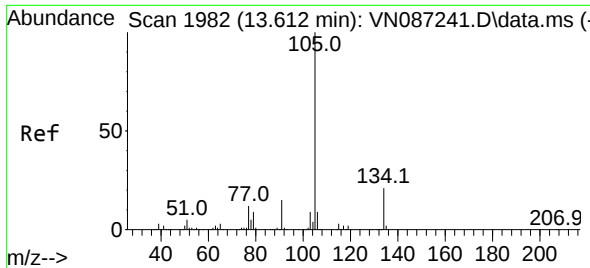


#84
1,2,4-Trimethylbenzene
Concen: 170.305 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



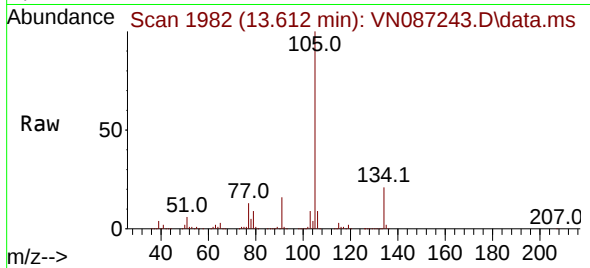
Tgt Ion:105 Resp: 1080552
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.9





#85
 sec-Butylbenzene
 Concen: 162.909 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087243.D
 Acq: 30 Jun 2025 14:51

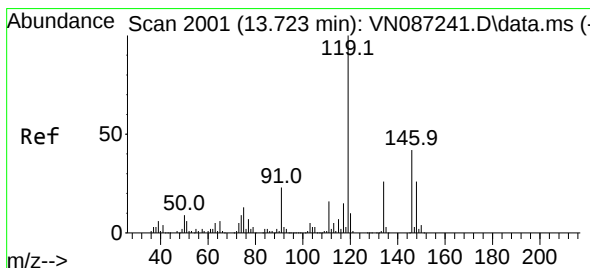
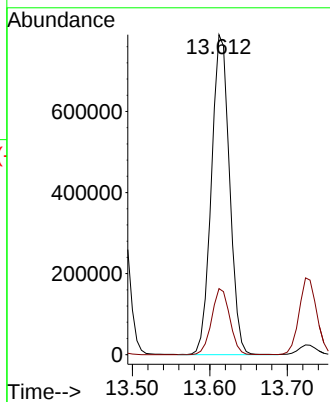
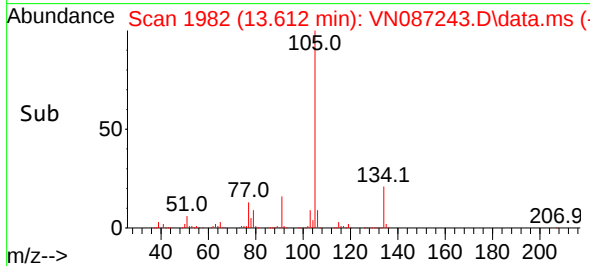
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



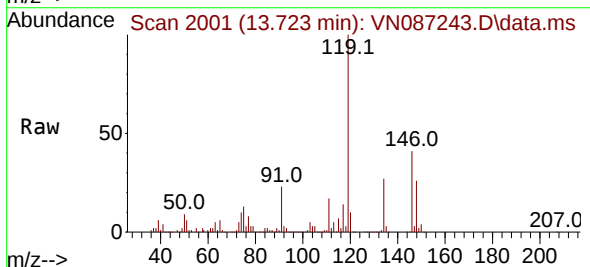
Tgt Ion:105 Resp: 128142
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.4

Manual Integrations
 APPROVED

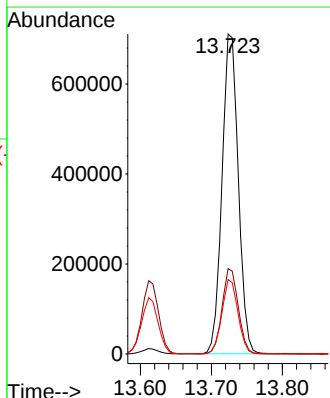
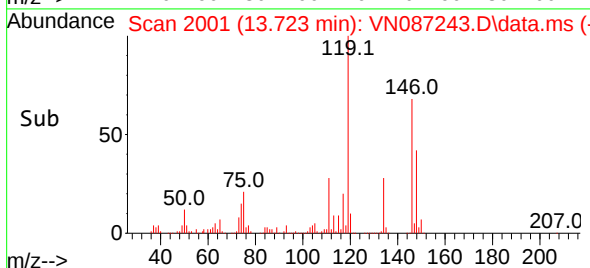
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025

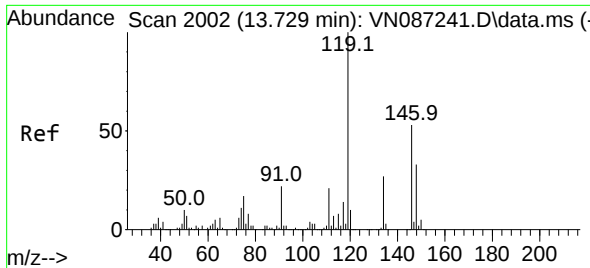


#86
 p-Isopropyltoluene
 Concen: 166.840 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN087243.D
 Acq: 30 Jun 2025 14:51



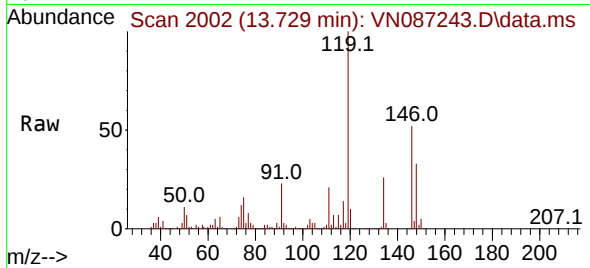
Tgt Ion:119 Resp: 1128047
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.8 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 156.645 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

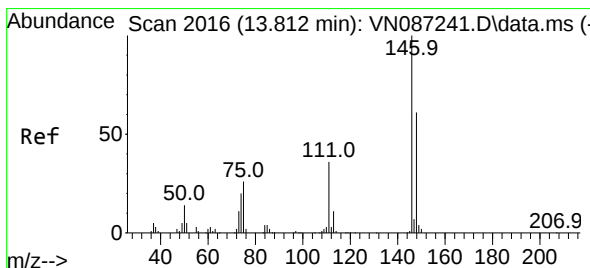
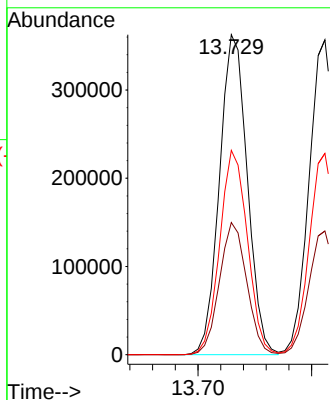
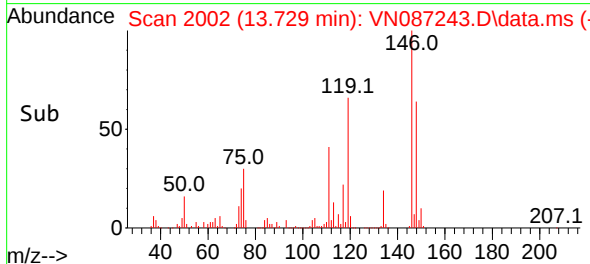
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



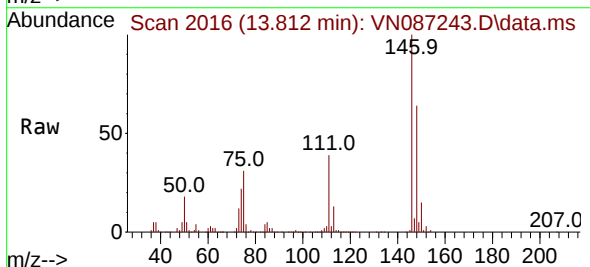
Tgt Ion:146 Resp: 617072
Ion Ratio Lower Upper
146 100
111 40.6 19.8 59.4
148 63.6 32.0 96.0

Manual Integrations
APPROVED

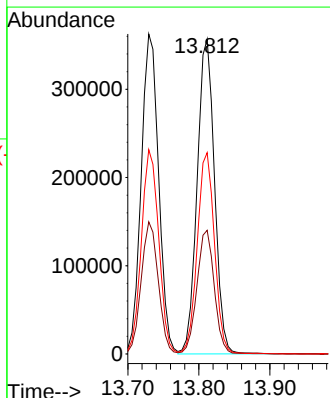
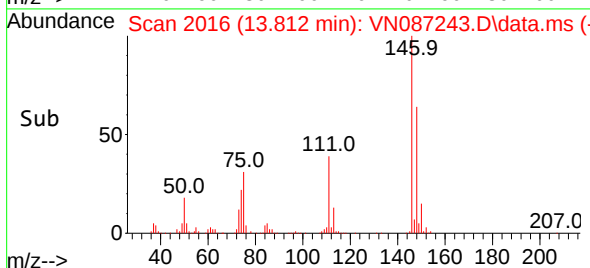
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

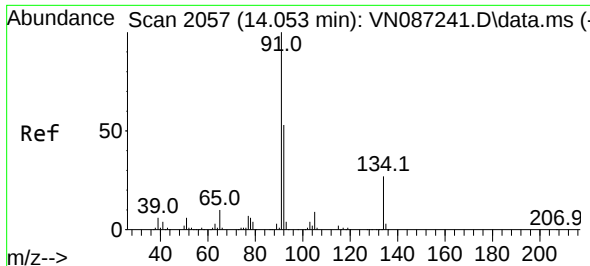


#88
1,4-Dichlorobenzene
Concen: 147.627 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



Tgt Ion:146 Resp: 607219
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.5
148 63.6 31.8 95.3





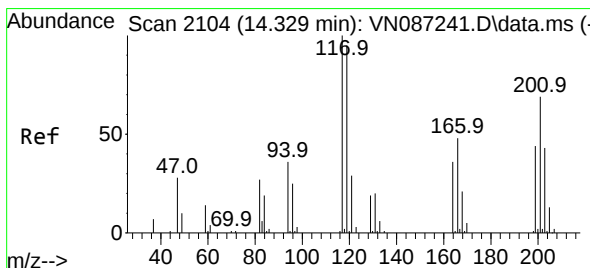
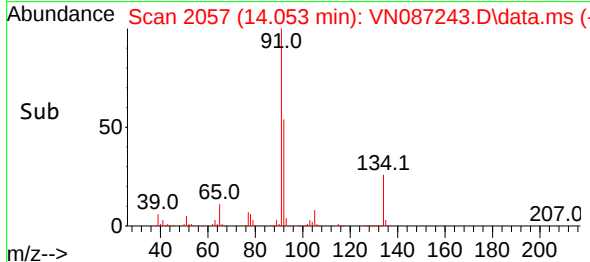
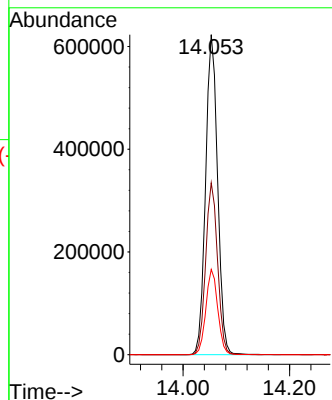
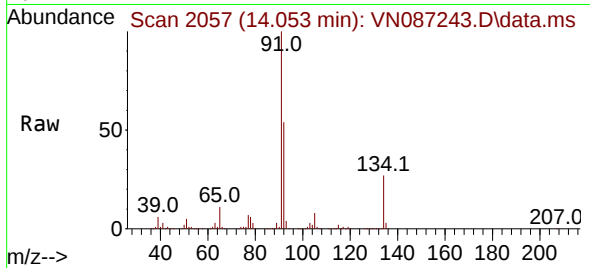
#89
n-Butylbenzene
Concen: 163.194 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 97148
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.0
134 26.4 13.7 41.1

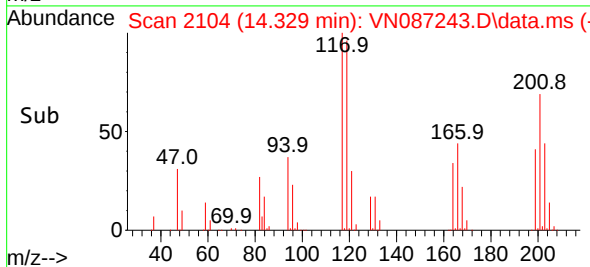
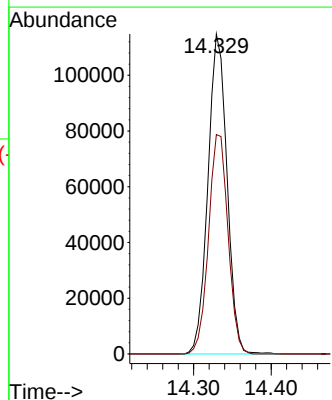
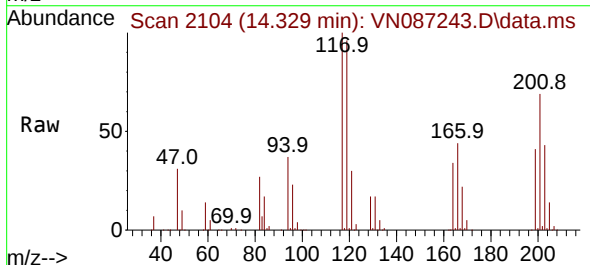
Manual Integrations
APPROVED

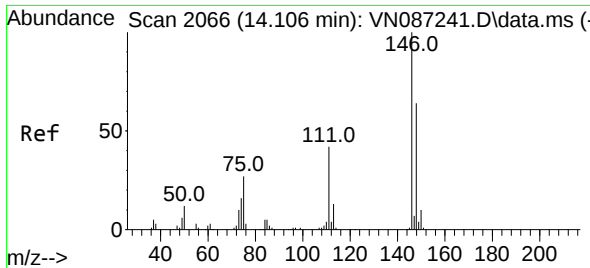
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#90
Hexachloroethane
Concen: 156.849 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

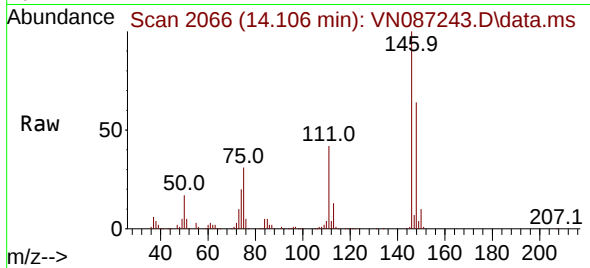
Tgt Ion:117 Resp: 196297
Ion Ratio Lower Upper
117 100
201 70.0 35.8 107.4





#91
1,2-Dichlorobenzene
Concen: 155.306 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

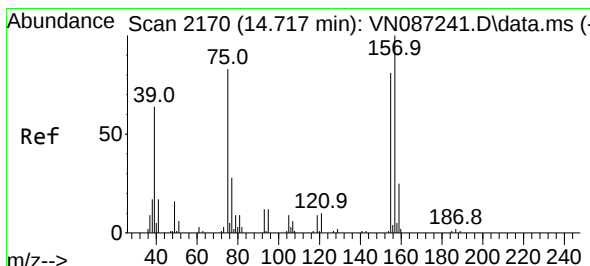
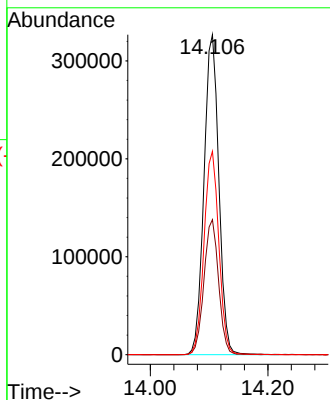
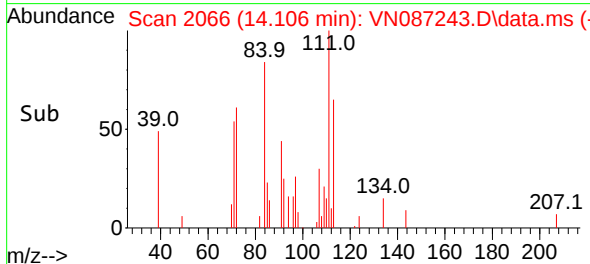
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:146 Resp: 572170
Ion Ratio Lower Upper
146 100
111 41.7 20.5 61.6
148 63.5 31.4 94.3

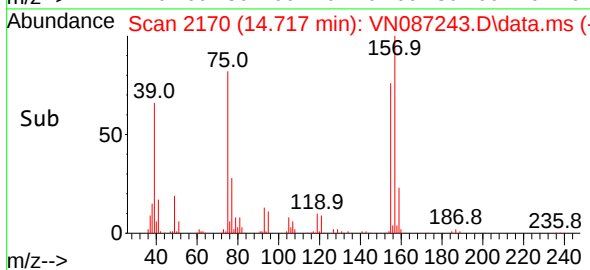
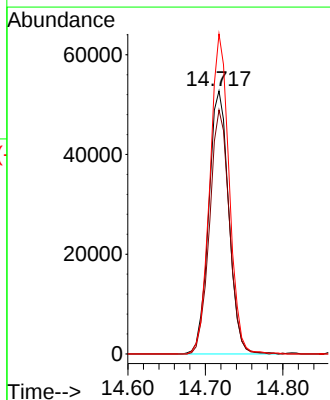
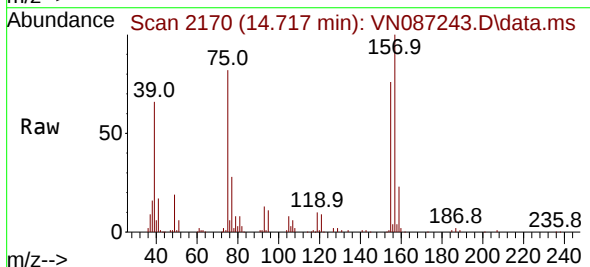
Manual Integrations
APPROVED

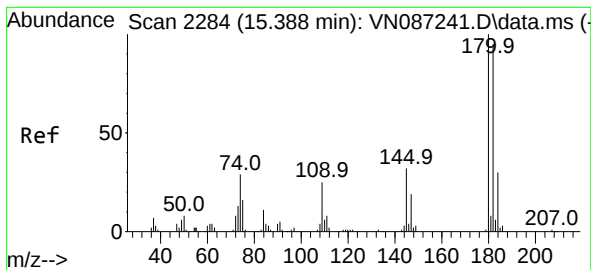
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 158.078 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

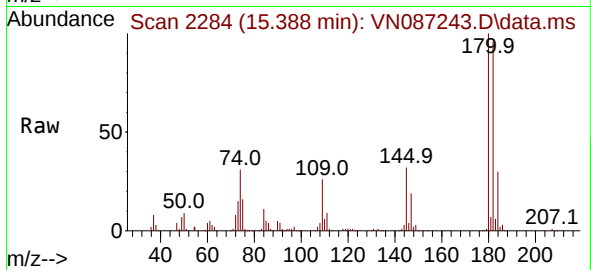
Tgt Ion: 75 Resp: 94686
Ion Ratio Lower Upper
75 100
155 91.0 46.8 140.3
157 117.1 58.1 174.4





#93
1,2,4-Trichlorobenzene
Concen: 160.619 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

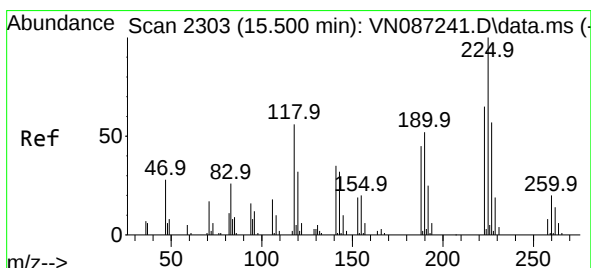
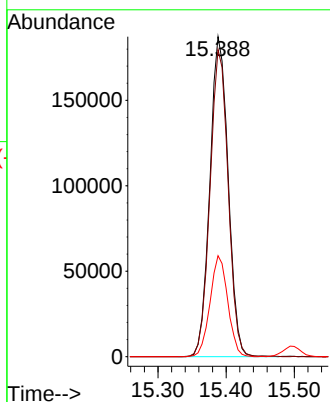
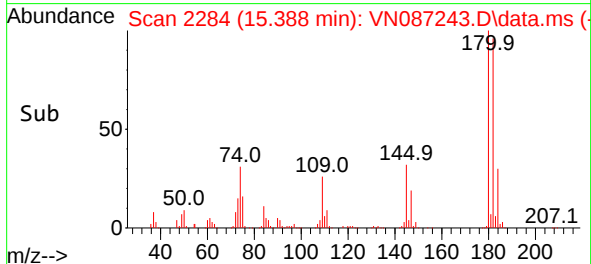
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



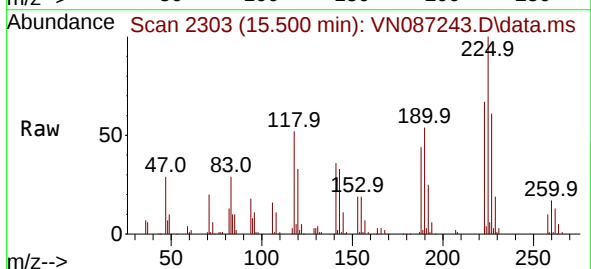
Tgt Ion:180 Resp: 34992
Ion Ratio Lower Upper
180 100
182 95.1 48.0 144.0
145 30.5 15.4 46.2

Manual Integrations
APPROVED

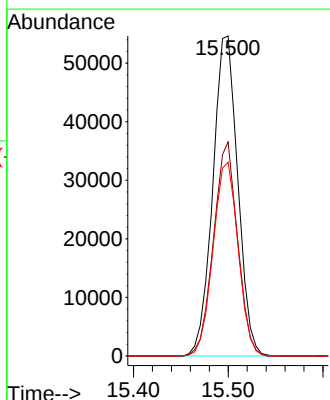
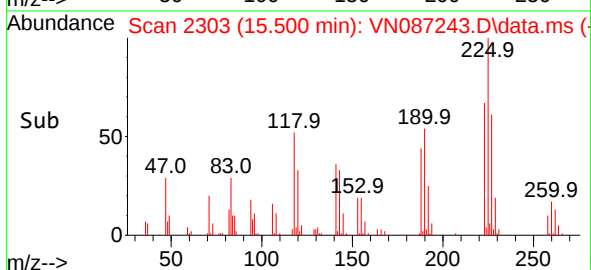
Reviewed By :John Carlone 07/01/2025
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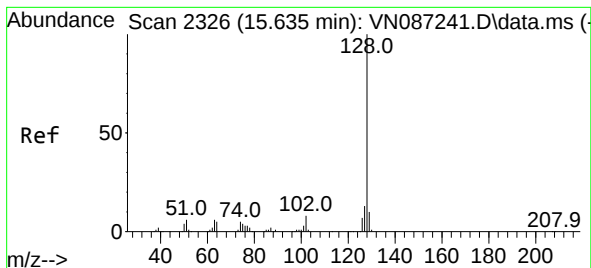


#94
Hexachlorobutadiene
Concen: 144.724 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51



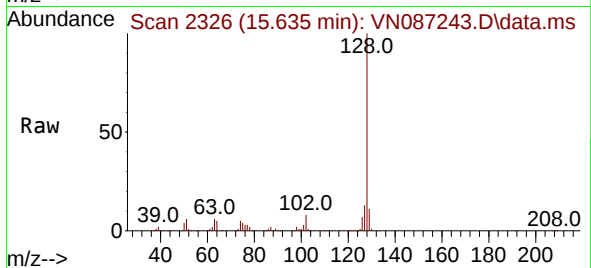
Tgt Ion:225 Resp: 100158
Ion Ratio Lower Upper
225 100
223 64.4 33.5 100.4
227 60.7 30.9 92.7





#95
Naphthalene
Concen: 175.250 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

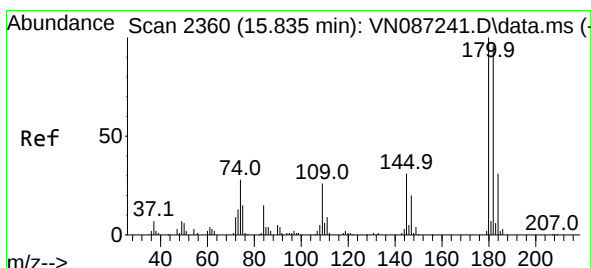
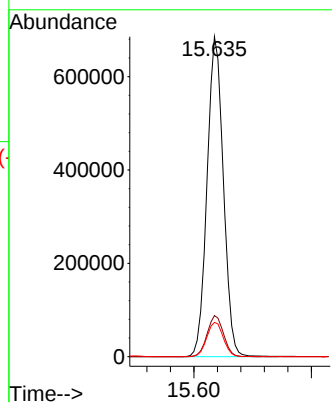
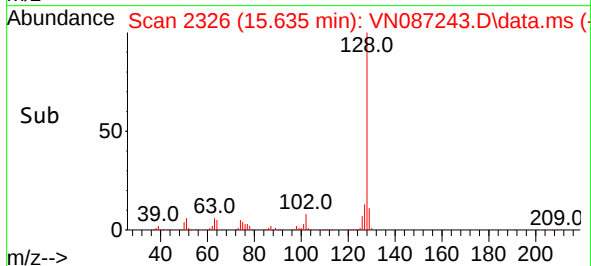
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 1320934
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#96
1,2,3-Trichlorobenzene
Concen: 163.304 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087243.D
Acq: 30 Jun 2025 14:51

Tgt Ion:180 Resp: 346615
Ion Ratio Lower Upper
180 100
182 95.0 47.7 143.1
145 31.7 15.7 47.1

