

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063025\
 Data File : VN087238.D
 Acq On : 30 Jun 2025 12:28
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Jul 01 02:50:18 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	8.229	168	147790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	246327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108618	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.153	85	1307	0.909	ug/l	74
3) Chloromethane	2.395	50	1071	0.917	ug/l #	76
4) Vinyl Chloride	2.553	62	1250	0.871	ug/l	97
6) Chloroethane	3.159	64	1070	0.941	ug/l	95
7) Trichlorofluoromethane	3.530	101	2441	0.980	ug/l	89
8) Diethyl Ether	3.983	74	559	0.703	ug/l #	51
9) 1,1,2-Trichlorotrifluo...	4.400	101	1340	0.926	ug/l #	74
12) 1,1-Dichloroethene	4.377	96	1251	0.910	ug/l	87
14) Allyl chloride	5.059	41	1474	0.875	ug/l #	70
15) Acrylonitrile	5.736	53	3943m	4.695	ug/l	
16) Acetone	4.453	43	3847	5.425	ug/l	99
17) Carbon Disulfide	4.747	76	4551	1.104	ug/l #	76
18) Methyl Acetate	5.053	43	1480m	0.912	ug/l	
19) Methyl tert-butyl Ether	5.812	73	4279	0.888	ug/l #	85
20) Methylene Chloride	5.306	84	1555	0.990	ug/l #	74
21) trans-1,2-Dichloroethene	5.806	96	1711	1.030	ug/l #	85
22) Diisopropyl ether	6.671	45	3162	0.784	ug/l #	87
23) Vinyl Acetate	6.618	43	13719	3.679	ug/l	95
24) 1,1-Dichloroethane	6.582	63	2359	0.893	ug/l #	81
25) 2-Butanone	7.494	43	4872	4.396	ug/l	93
26) 2,2-Dichloropropane	7.500	77	2352	0.930	ug/l	83
27) cis-1,2-Dichloroethene	7.500	96	1824	0.951	ug/l	89
28) Bromochloromethane	7.829	49	1070	0.918	ug/l #	84
29) Tetrahydrofuran	7.847	42	2792	3.910	ug/l	98
30) Chloroform	7.982	83	2603	0.889	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	2704	0.992	ug/l #	45
36) 1,1-Dichloropropene	8.371	75	1952	0.910	ug/l	85
37) Ethyl Acetate	7.571	43	2073	0.899	ug/l #	67
38) Carbon Tetrachloride	8.382	117	2186	0.899	ug/l #	83
39) Methylcyclohexane	9.600	83	2241	0.877	ug/l	95
40) Benzene	8.612	78	6324	0.952	ug/l	96
41) Methacrylonitrile	7.788	41	898	0.815	ug/l #	80
42) 1,2-Dichloroethane	8.682	62	1970	0.891	ug/l #	73
43) Isopropyl Acetate	8.700	43	2937	0.821	ug/l	93
44) Trichloroethene	9.347	130	1584	0.897	ug/l	98
45) 1,2-Dichloropropane	9.623	63	1219	0.841	ug/l	92

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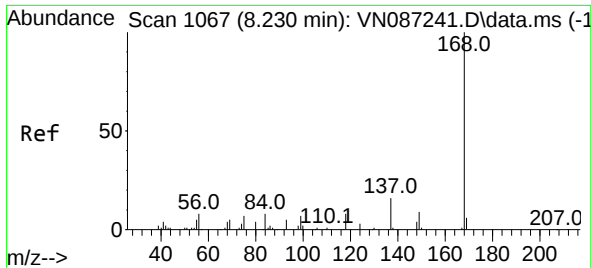
Manual Integrations
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Quant Time: Jul 01 02:50:18 2025
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 Quant Title : SW846 8260
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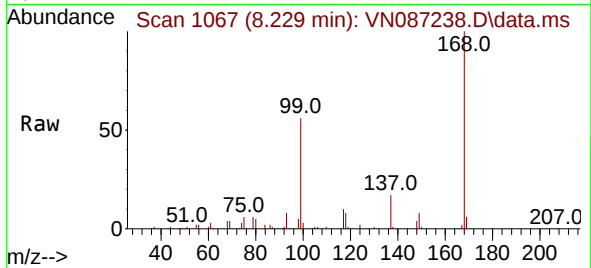
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.718	93	1172	0.951	ug/l #	80
47) Bromodichloromethane	9.900	83	2008	0.854	ug/l #	97
48) Methyl methacrylate	9.688	41	1091	0.724	ug/l #	87
49) 1,4-Dioxane	9.706	88	258	24.787	ug/l #	21
51) 4-Methyl-2-Pentanone	10.453	43	7706m	3.522	ug/l	
52) Toluene	10.629	92	3649	0.837	ug/l	91
53) t-1,3-Dichloropropene	10.841	75	1986	0.788	ug/l	90
54) cis-1,3-Dichloropropene	10.312	75	2040	0.794	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	1467	0.891	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	2424	0.902	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.159	63	4932	3.869	ug/l	99
60) Dibromochloromethane	11.359	129	1618	0.834	ug/l	90
61) 1,2-Dibromoethane	11.470	107	1447	0.817	ug/l	89
64) Tetrachloroethene	11.106	164	1360	0.913	ug/l	92
65) Chlorobenzene	11.888	112	4951	0.987	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	1643	0.949	ug/l #	64
67) Ethyl Benzene	11.965	91	6625	0.816	ug/l	96
68) m/p-Xylenes	12.070	106	5230	1.613	ug/l	97
69) o-Xylene	12.400	106	2233	0.736	ug/l	84
70) Styrene	12.406	104	3589	0.696	ug/l	98
71) Bromoform	12.576	173	972	0.727	ug/l #	59
73) Isopropylbenzene	12.694	105	5759	0.823	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	2176	0.945	ug/l #	93
76) 1,2,3-Trichloropropane	12.994	75	1867m	0.896	ug/l	
77) Bromobenzene	12.982	156	1556	0.852	ug/l	87
78) n-propylbenzene	13.035	91	7242	0.857	ug/l	99
79) 2-Chlorotoluene	13.123	91	4626	0.919	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	4712	0.805	ug/l	97
82) 4-Chlorotoluene	13.217	91	4772	0.906	ug/l	93
83) tert-Butylbenzene	13.429	119	4372	0.853	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	4354	0.743	ug/l	94
85) sec-Butylbenzene	13.611	105	5965	0.821	ug/l	97
86) p-Isopropyltoluene	13.729	119	4975	0.797	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	3414	0.938	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	4091m	1.077	ug/l	
89) n-Butylbenzene	14.053	91	4965	0.903	ug/l	98
90) Hexachloroethane	14.341	117	1034	0.895	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	3137	0.922	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	586	1.059	ug/l #	61
93) 1,2,4-Trichlorobenzene	15.388	180	1854	0.921	ug/l	98
94) Hexachlorobutadiene	15.494	225	771	1.206	ug/l	87
95) Naphthalene	15.635	128	5787	0.831	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.835	180	1812	0.924	ug/l	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

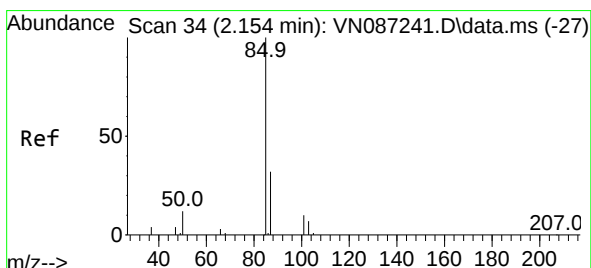
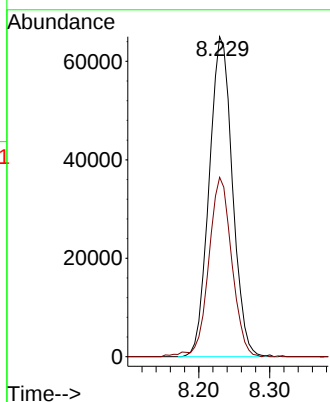
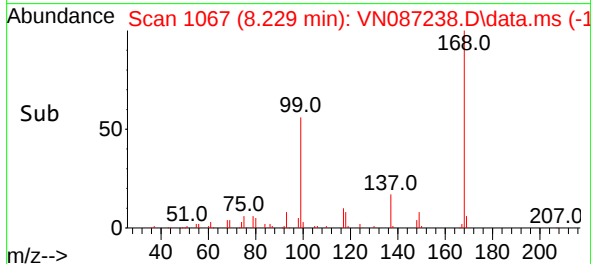
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:168 Resp: 147790
Ion Ratio Lower Upper
168 100
99 55.8 42.6 64.0

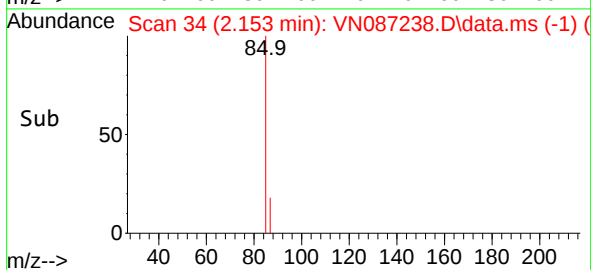
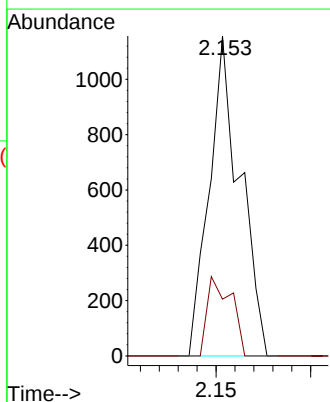
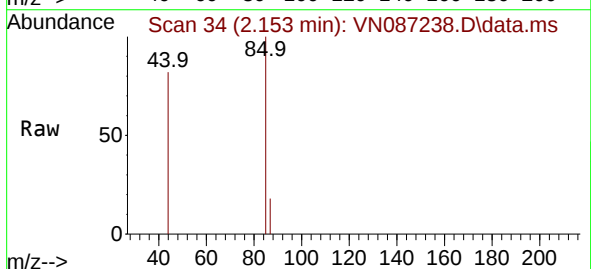
Manual Integrations
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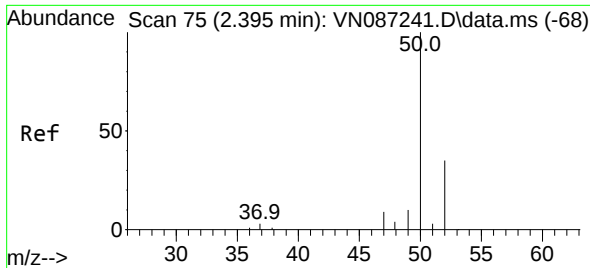
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#2
Dichlorodifluoromethane
Concen: 0.909 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

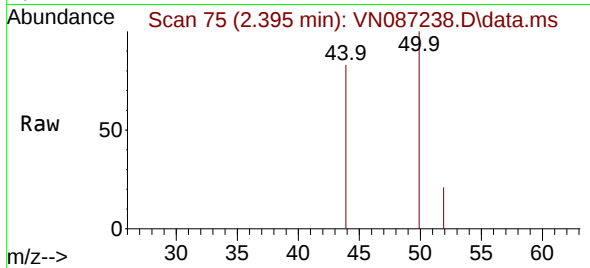
Tgt Ion: 85 Resp: 1307
Ion Ratio Lower Upper
85 100
87 17.7 16.1 48.3





#3
Chloromethane
Concen: 0.917 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

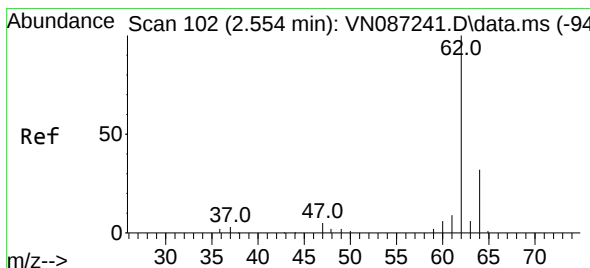
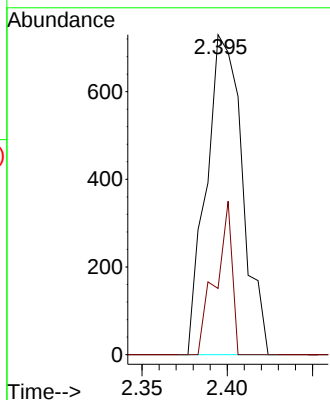
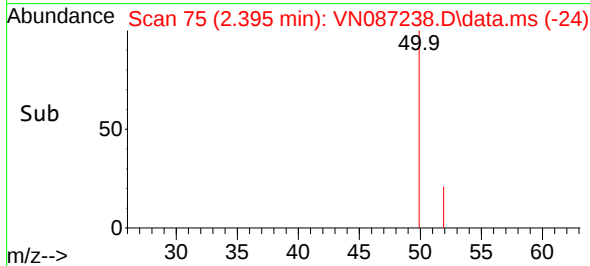
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



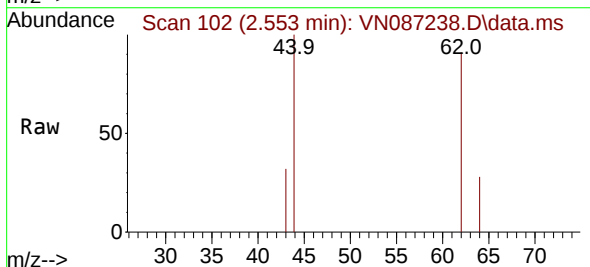
Tgt Ion: 50 Resp: 107
Ion Ratio Lower Upper
50 100
52 20.7 27.8 41.8

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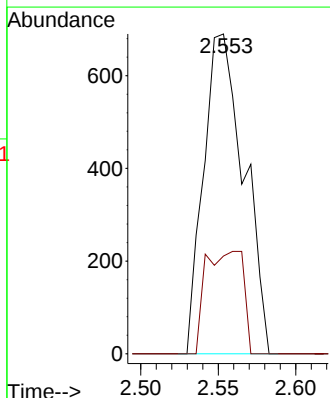
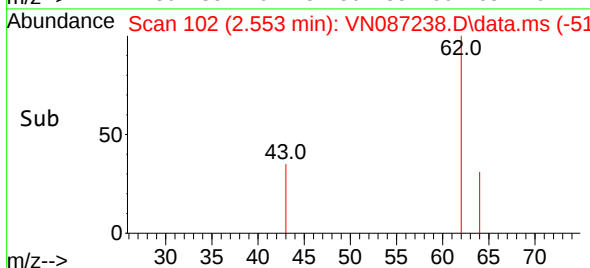
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Supervised By :Mahesh Dadoda 07/01/2025

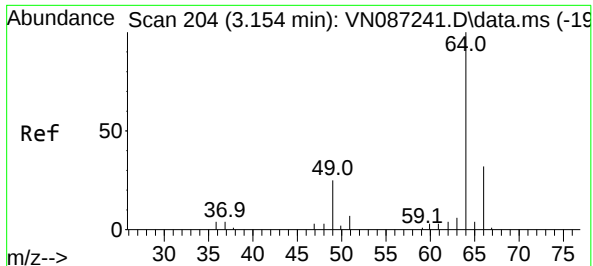


#4
Vinyl Chloride
Concen: 0.871 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



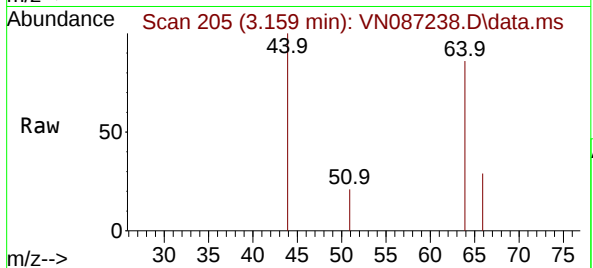
Tgt Ion: 62 Resp: 1250
Ion Ratio Lower Upper
62 100
64 30.6 26.0 39.0





#6
Chloroethane
Concen: 0.941 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

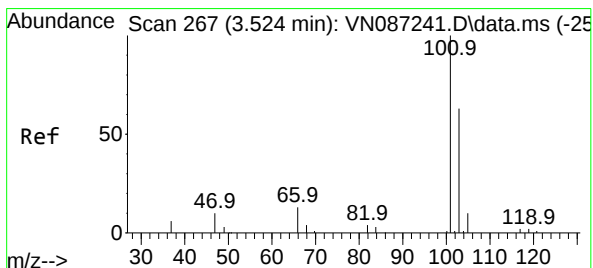
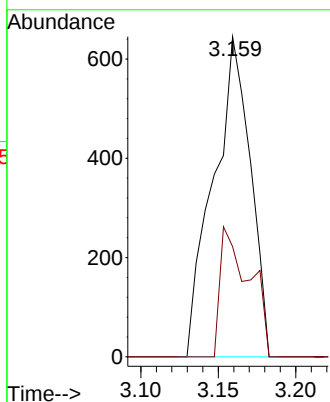
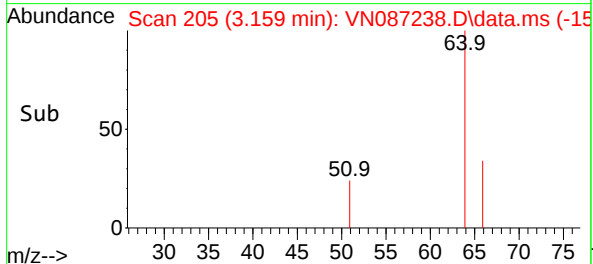
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



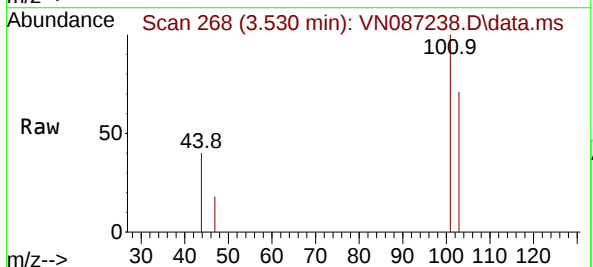
Tgt Ion: 64 Resp: 1070
Ion Ratio Lower Upper
64 100
66 34.4 25.3 37.9

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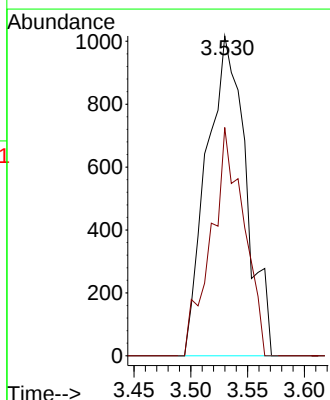
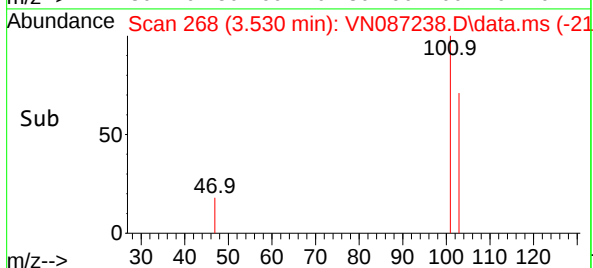
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Supervised By :Mahesh Dadoda 07/01/2025

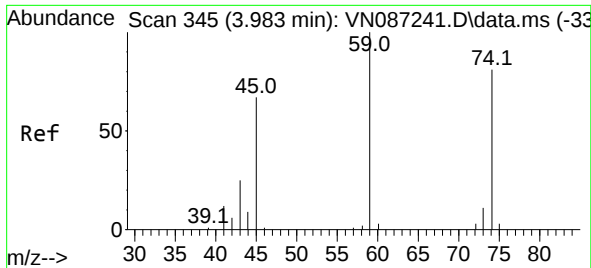


#7
Trichlorofluoromethane
Concen: 0.980 ug/l
RT: 3.530 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



Tgt Ion:101 Resp: 2441
Ion Ratio Lower Upper
101 100
103 71.4 50.5 75.7





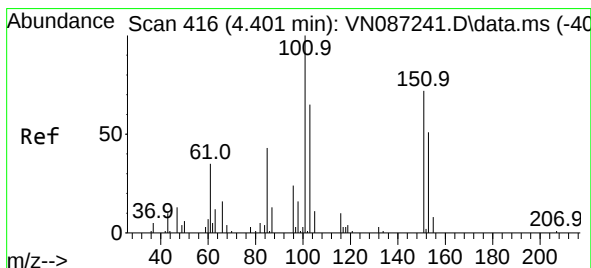
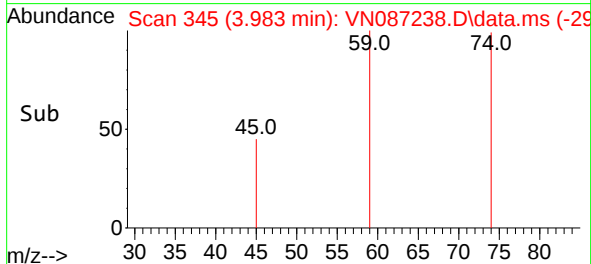
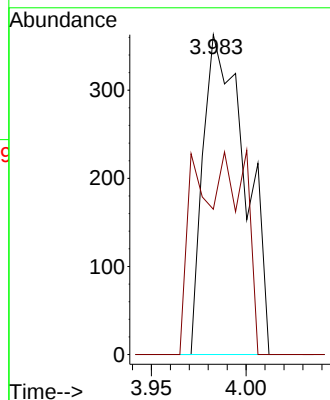
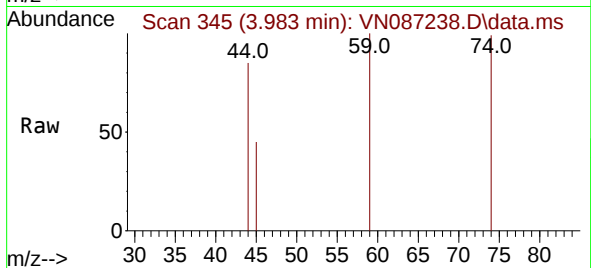
#8
Diethyl Ether
Concen: 0.703 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Instrument :
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ClientSampleId :
VSTDIC001

Tgt Ion: 74 Resp: 559
Ion Ratio Lower Upper
74 100
45 36.1 39.4 118.1

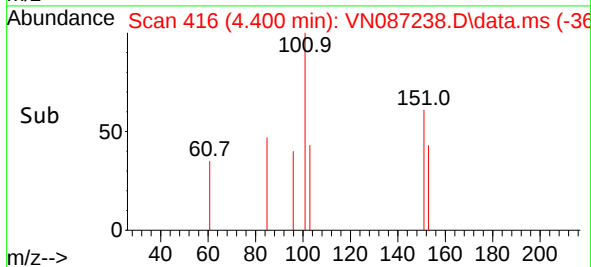
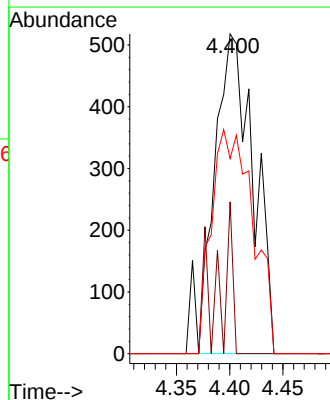
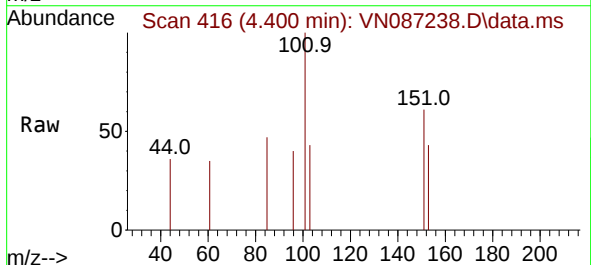
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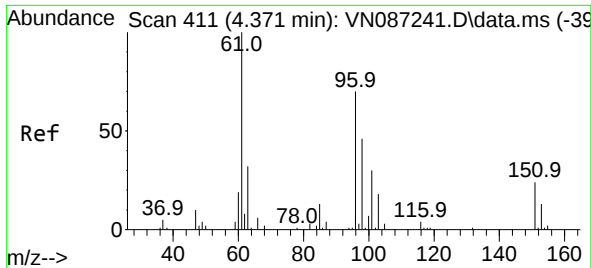
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.926 ug/l
RT: 4.400 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

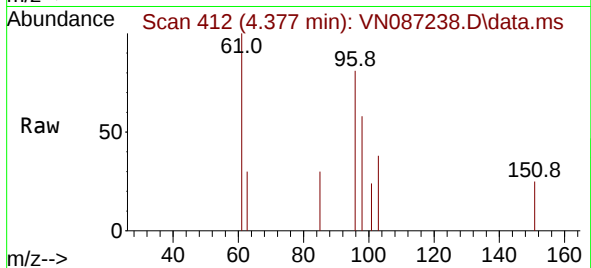
Tgt Ion:101 Resp: 1340
Ion Ratio Lower Upper
101 100
85 4.4 34.4 51.6#
151 73.4 63.8 95.8





#12
1,1-Dichloroethene
Concen: 0.910 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

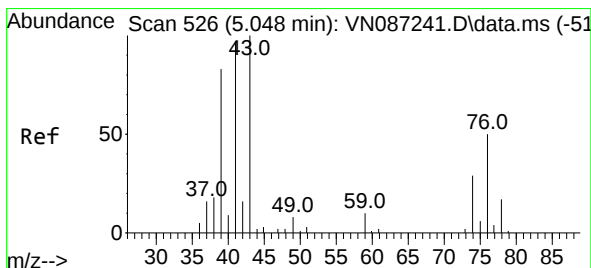
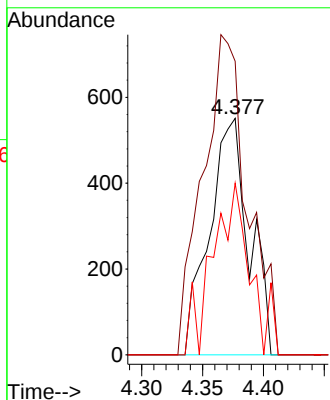
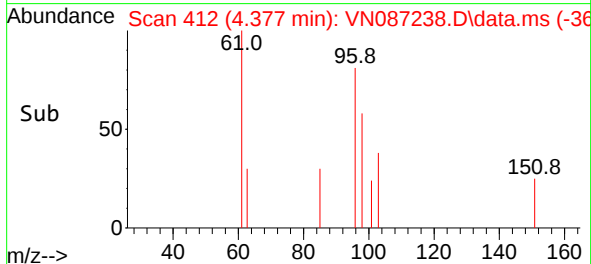
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



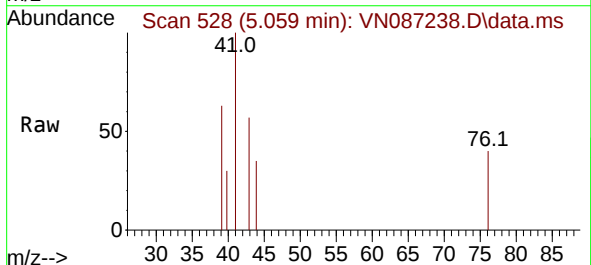
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Ion Ratio Lower Upper
96 100
61 124.1 114.4 171.6
98 72.6 53.0 79.6

Manual Integrations
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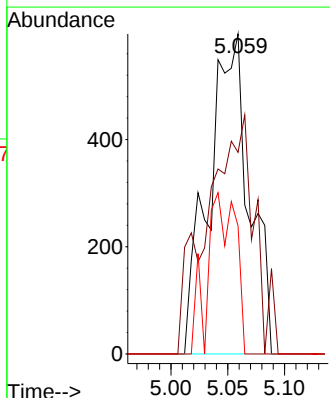
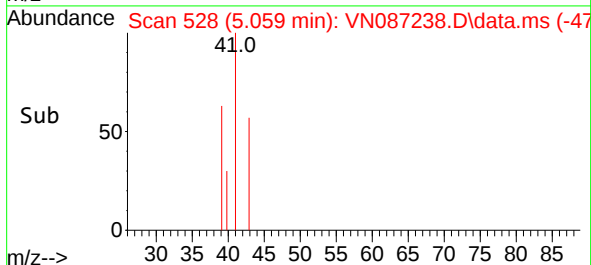
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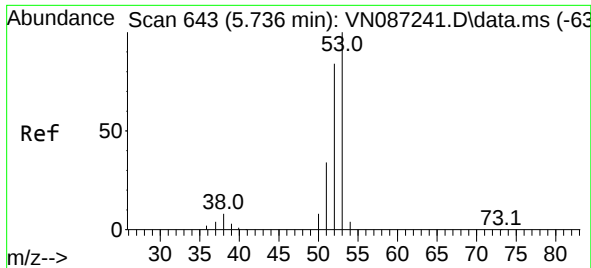


#14
Allyl chloride
Concen: 0.875 ug/l
RT: 5.059 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



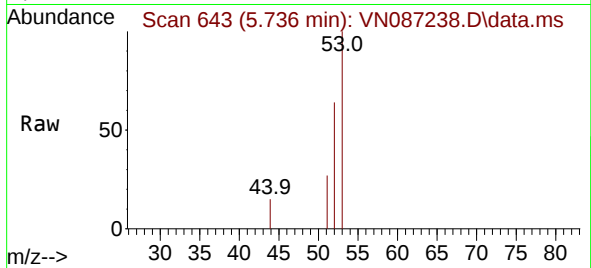
Tgt Ion: 41 Resp: 1474
Ion Ratio Lower Upper
41 100
39 87.8 66.3 99.5
76 0.0 38.6 58.0#





#15
Acrylonitrile
Concen: 4.695 ug/l m
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

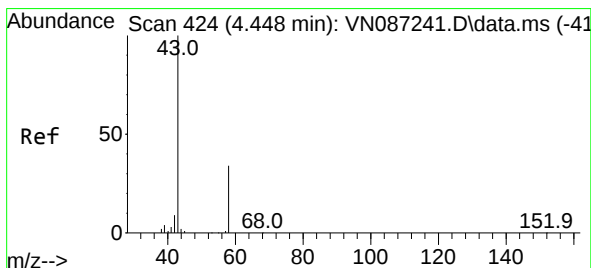
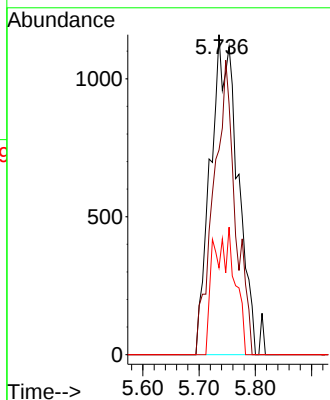
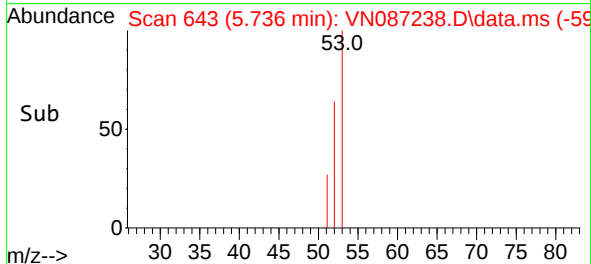
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



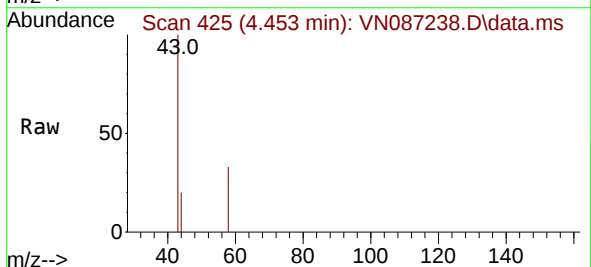
Tgt Ion: 53 Resp: 394
Ion Ratio Lower Upper
53 100
52 73.0 66.5 99.7
51 0.0 29.1 43.7

Manual Integrations
APPROVED

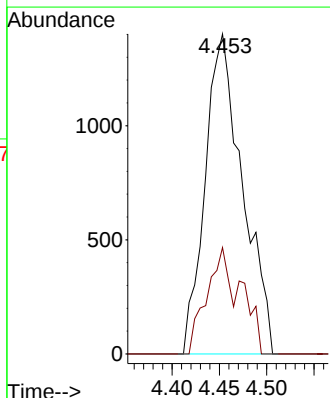
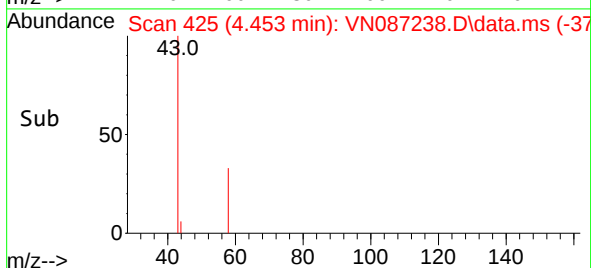
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

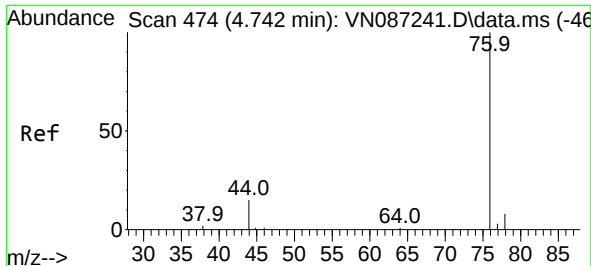


#16
Acetone
Concen: 5.425 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



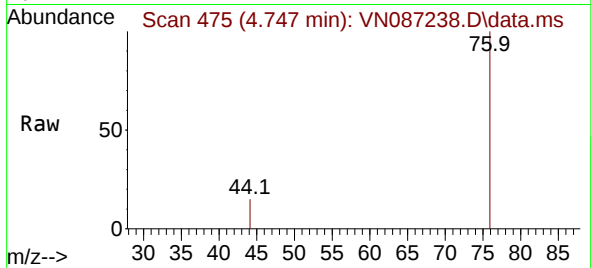
Tgt Ion: 43 Resp: 3847
Ion Ratio Lower Upper
43 100
58 33.2 27.1 40.7





#17
Carbon Disulfide
Concen: 1.104 ug/l
RT: 4.747 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

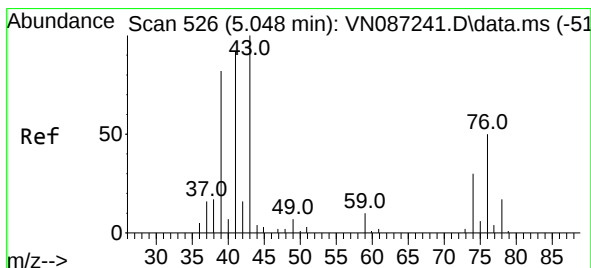
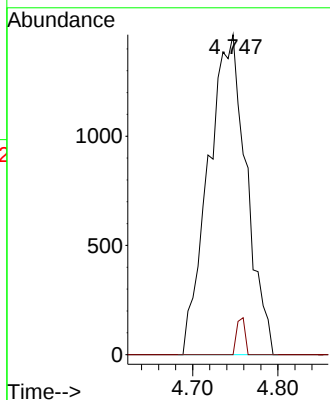
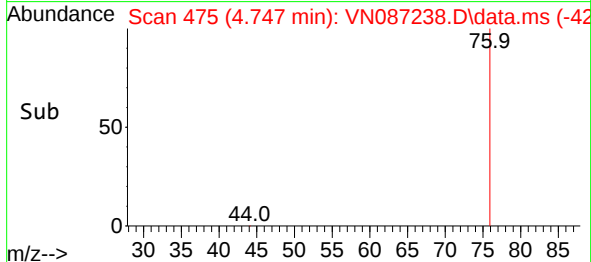
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



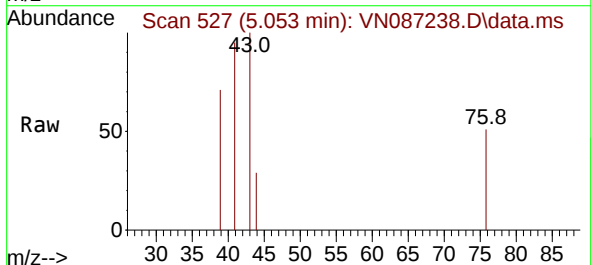
Tgt Ion: 76 Resp: 455
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2

Manual Integrations
APPROVED

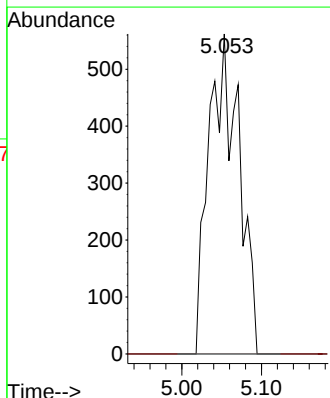
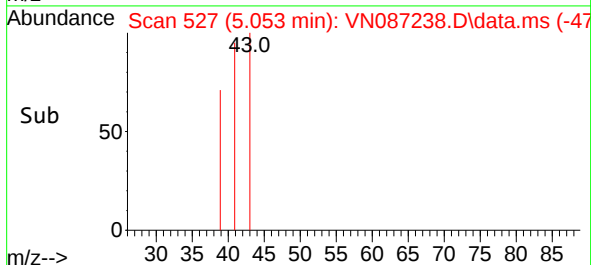
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

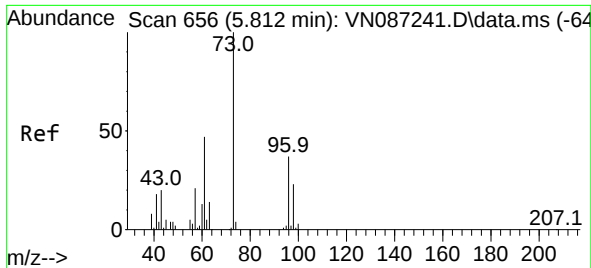


#18
Methyl Acetate
Concen: 0.912 ug/l m
RT: 5.053 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



Tgt Ion: 43 Resp: 1480
Ion Ratio Lower Upper
43 100
74 0.0 23.8 35.6





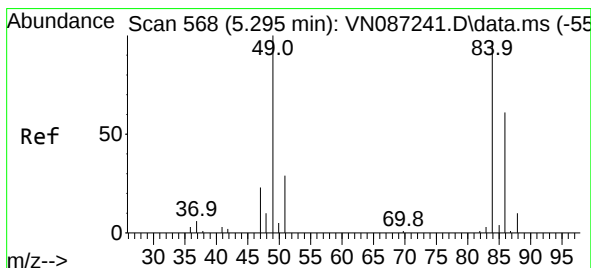
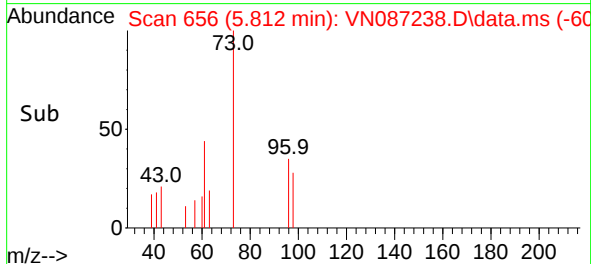
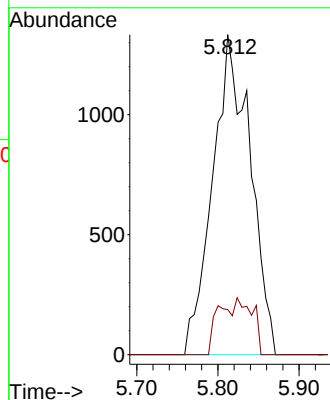
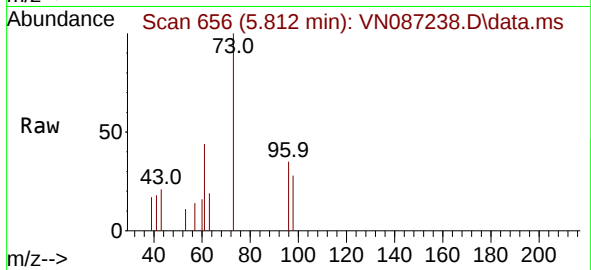
#19
Methyl tert-butyl Ether
Concen: 0.888 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 4279
Ion Ratio Lower Upper
73 100
57 14.1 16.7 25.1

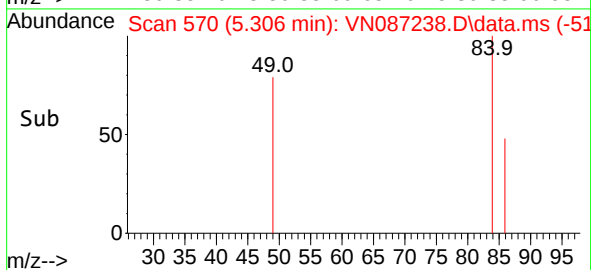
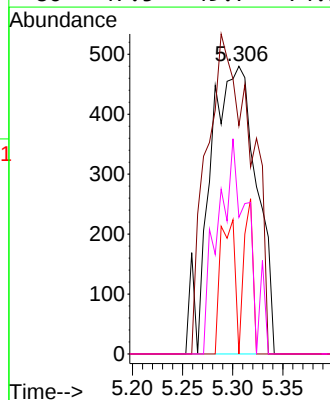
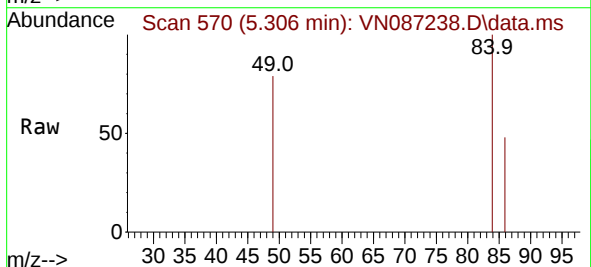
Manual Integrations
APPROVED

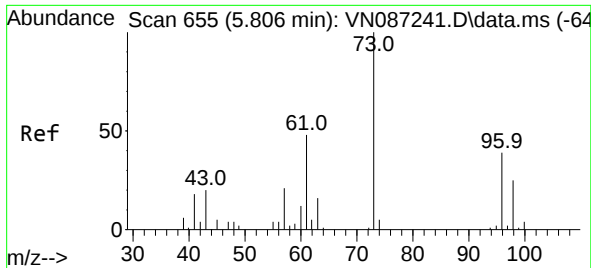
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#20
Methylene Chloride
Concen: 0.990 ug/l
RT: 5.306 min Scan# 570
Delta R.T. 0.012 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Tgt Ion: 84 Resp: 1555
Ion Ratio Lower Upper
84 100
49 79.4 82.1 123.1#
51 0.0 23.5 35.3#
86 47.5 49.7 74.5#





#21
trans-1,2-Dichloroethene
Concen: 1.030 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

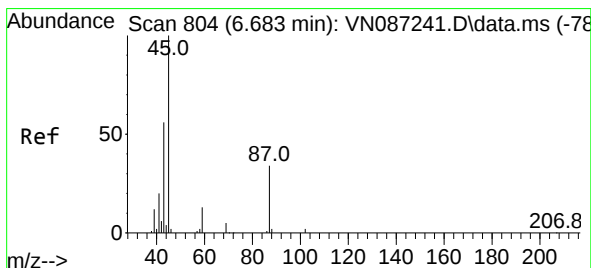
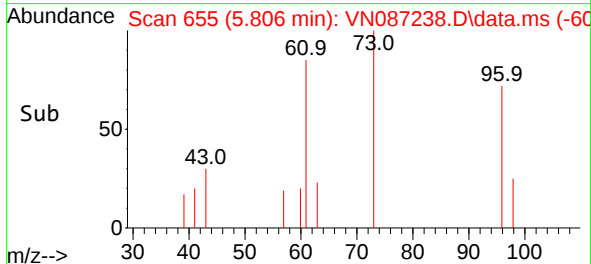
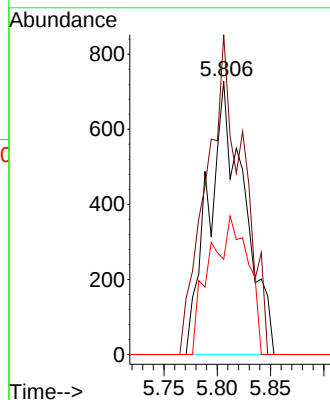
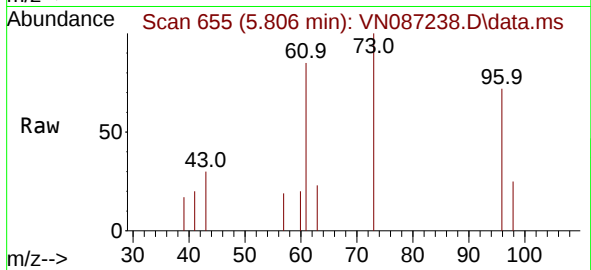
Tgt Ion: 96 Resp: 171
Ion Ratio Lower Upper
96 100
61 117.0 98.2 147.2
98 34.9 50.0 75.0

Manual Integrations

APPROVED

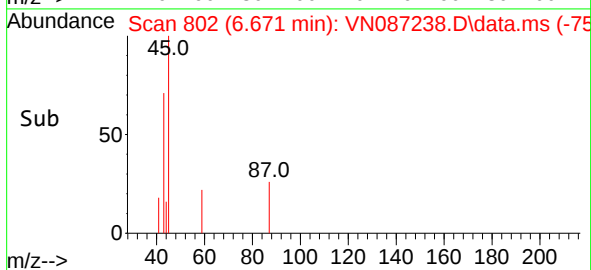
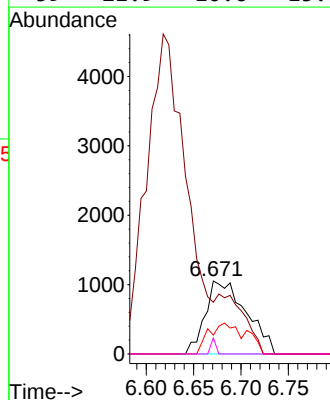
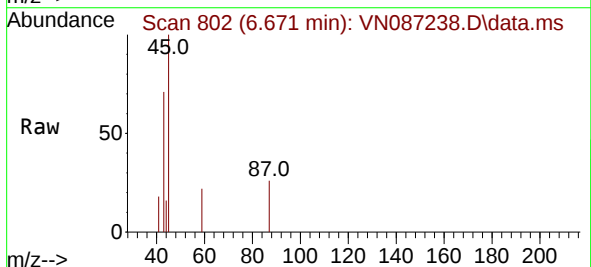
Reviewed By :John Carlone 07/01/2025

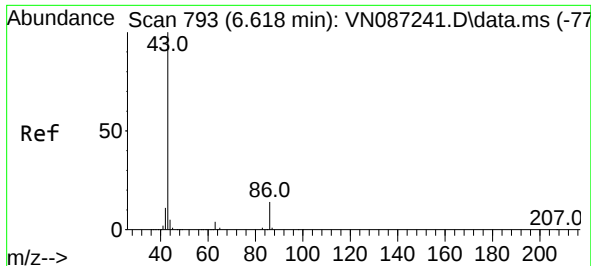
Supervised By :Mahesh Dadoda 07/01/2025



#22
Diisopropyl ether
Concen: 0.784 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.012 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Tgt Ion: 45 Resp: 3162
Ion Ratio Lower Upper
45 100
43 70.9 50.1 75.1
87 25.9 27.5 41.3#
59 21.9 10.6 15.8#





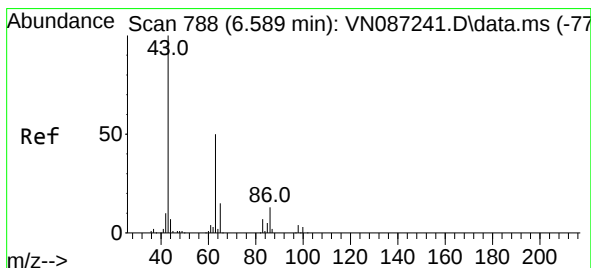
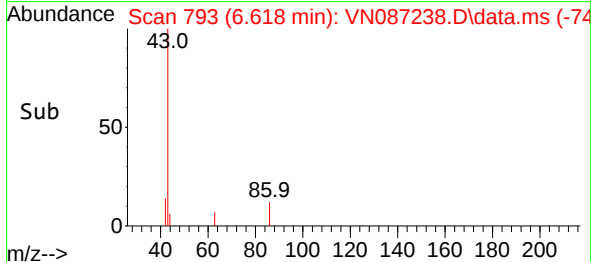
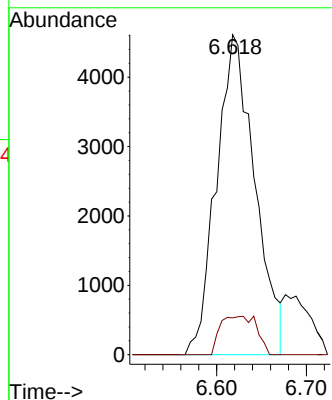
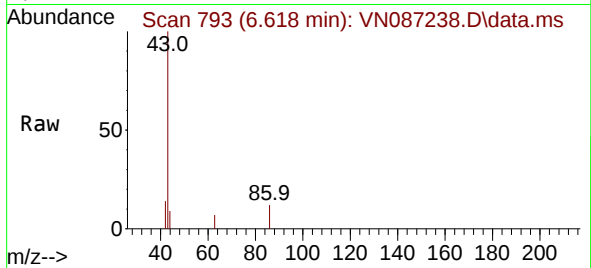
#23
 Vinyl Acetate
 Concen: 3.679 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087238.D
 Acq: 30 Jun 2025 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 13719
 Ion Ratio Lower Upper
 43 100
 86 11.5 11.0 16.4

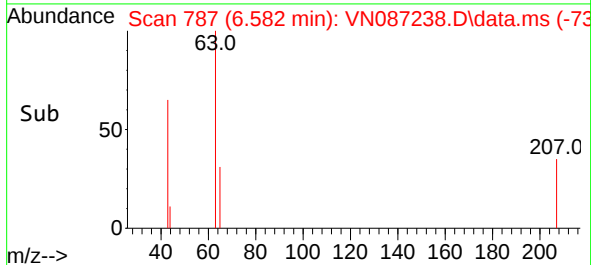
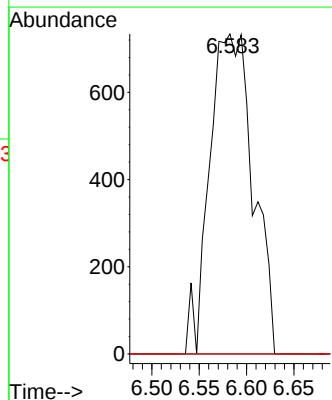
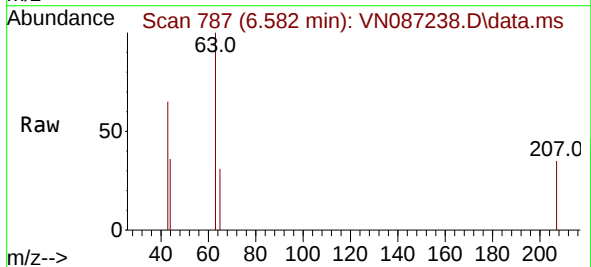
Manual Integrations
 APPROVED

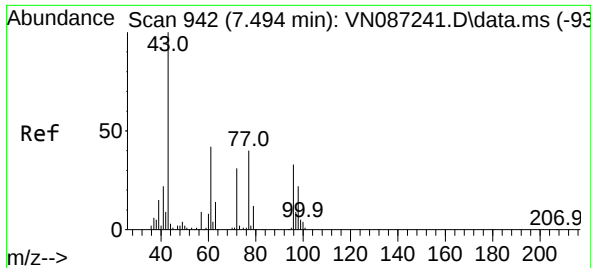
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025



#24
 1,1-Dichloroethane
 Concen: 0.893 ug/l
 RT: 6.582 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: VN087238.D
 Acq: 30 Jun 2025 12:28

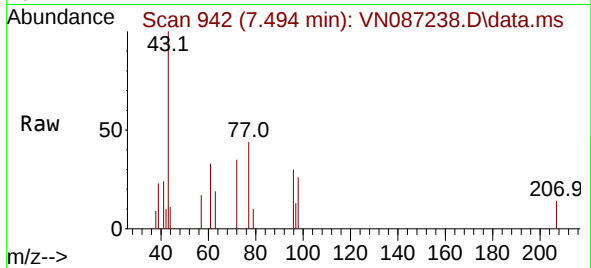
Tgt Ion: 63 Resp: 2359
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.6#
 100 0.0 2.7 8.1#





#25
2-Butanone
Concen: 4.396 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

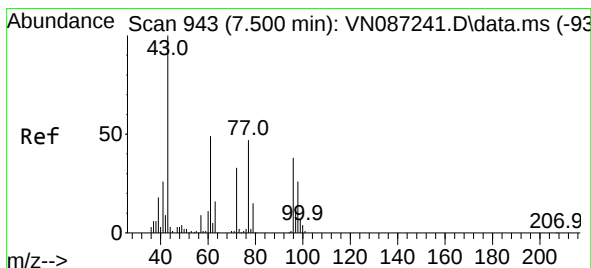
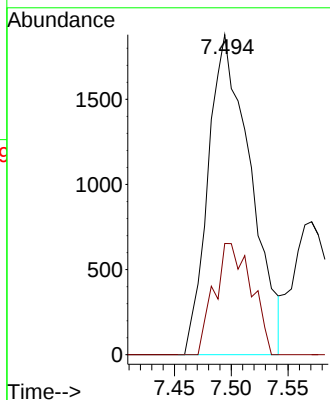
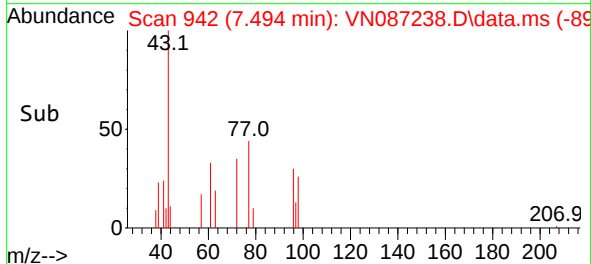
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



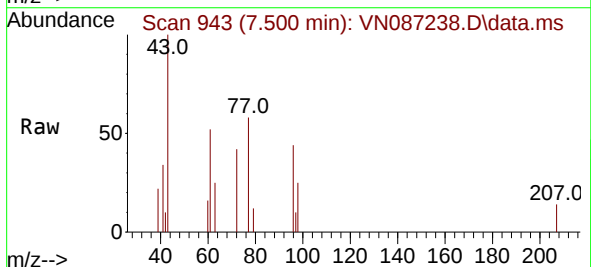
Tgt Ion: 43 Resp: 4872
Ion Ratio Lower Upper
43 100
72 34.8 24.8 37.2

Manual Integrations
APPROVED

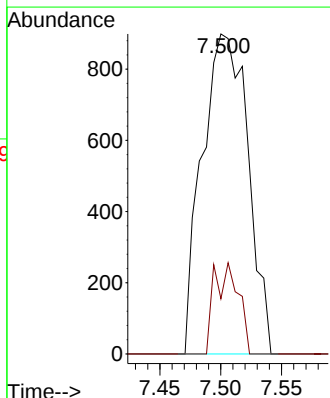
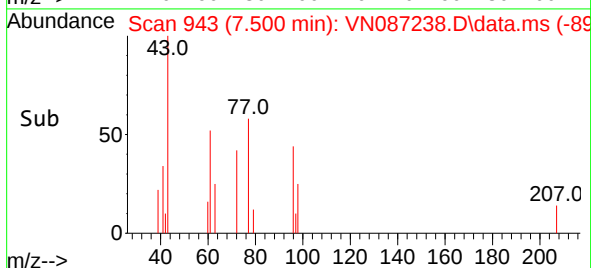
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

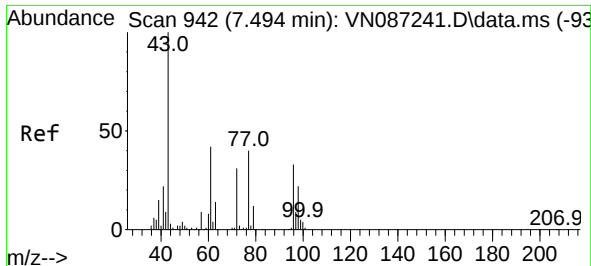


#26
2,2-Dichloropropane
Concen: 0.930 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



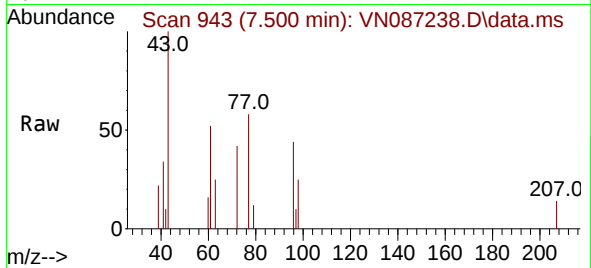
Tgt Ion: 77 Resp: 2352
Ion Ratio Lower Upper
77 100
97 15.0 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 0.951 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN087238.D
 Acq: 30 Jun 2025 12:28

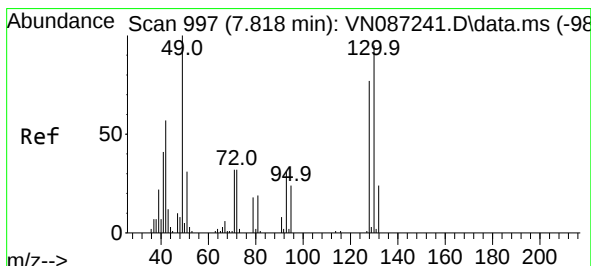
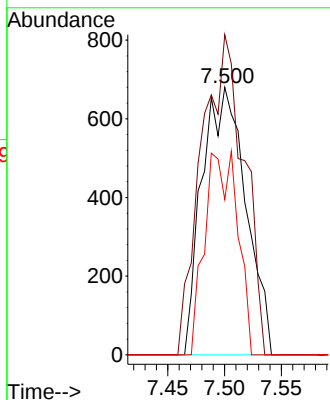
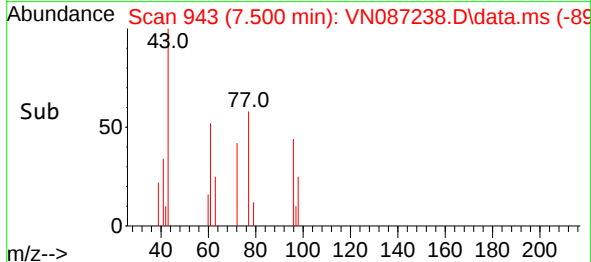
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 1824
 Ion Ratio Lower Upper
 96 100
 61 115.8 0.0 258.8
 98 56.7 0.0 130.8

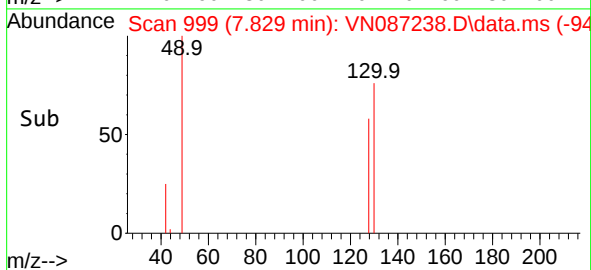
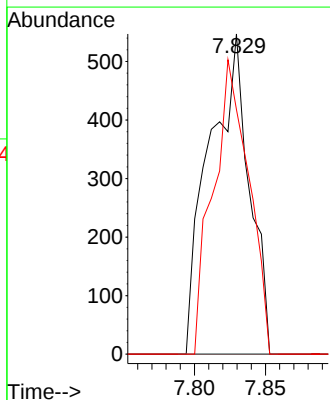
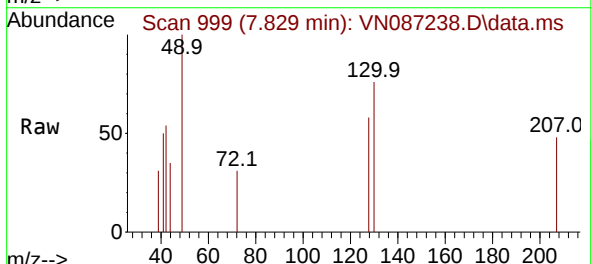
Manual Integrations
 APPROVED

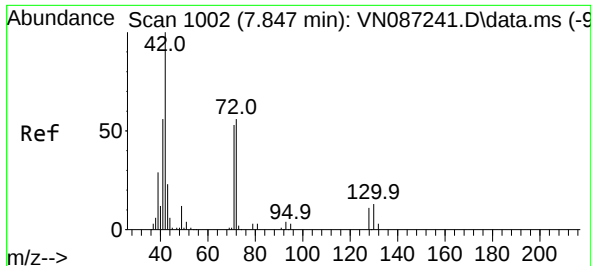
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025



#28
 Bromochloromethane
 Concen: 0.918 ug/l
 RT: 7.829 min Scan# 999
 Delta R.T. 0.012 min
 Lab File: VN087238.D
 Acq: 30 Jun 2025 12:28

Tgt Ion: 49 Resp: 1070
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 82.3 78.4 117.6





#29

Tetrahydrofuran

Concen: 3.910 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN087238.D

Acq: 30 Jun 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

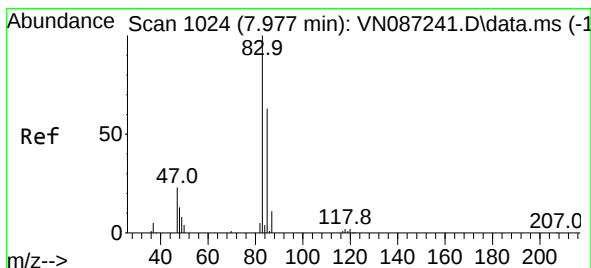
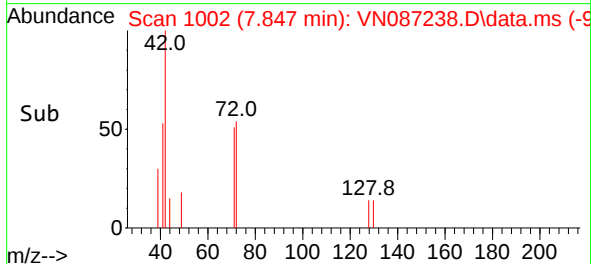
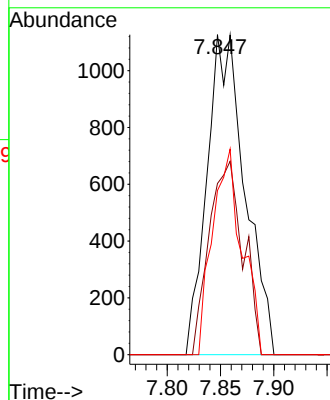
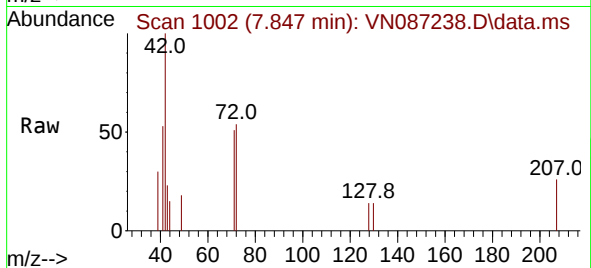
Tgt Ion: 42	Resp: 279
Ion Ratio	Lower Upper
42	100
72	54.1 44.2 66.4
71	50.0 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#30

Chloroform

Concen: 0.889 ug/l

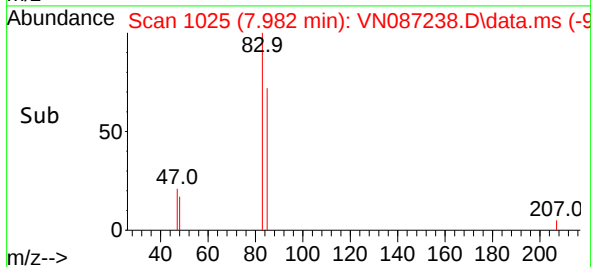
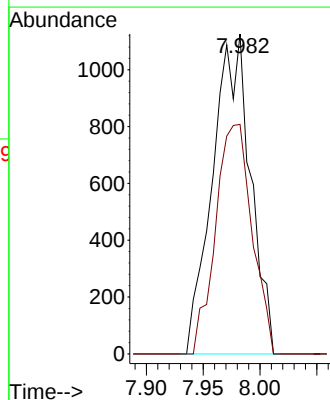
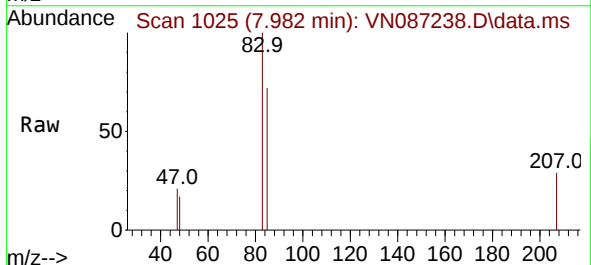
RT: 7.982 min Scan# 1025

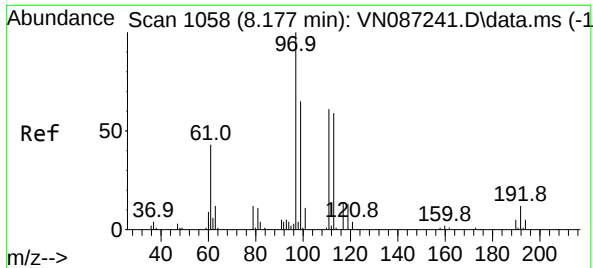
Delta R.T. 0.006 min

Lab File: VN087238.D

Acq: 30 Jun 2025 12:28

Tgt Ion: 83	Resp: 2603
Ion Ratio	Lower Upper
83	100
85	71.8 50.3 75.5





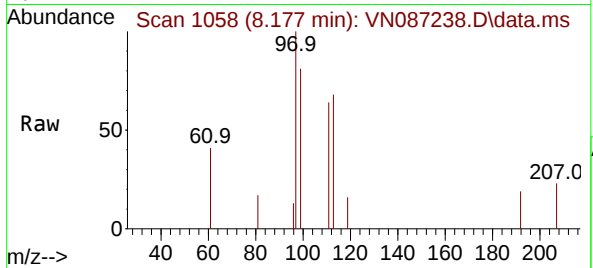
#32
 1,1,1-Trichloroethane
 Concen: 0.992 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. -0.000 min
 Lab File: VN087238.D
 Acq: 30 Jun 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001



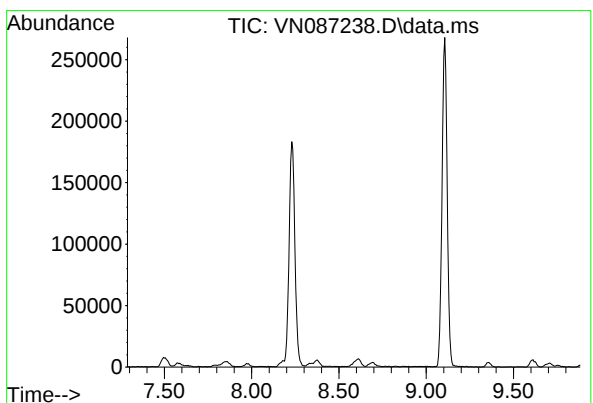
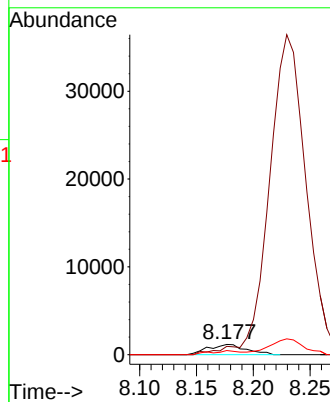
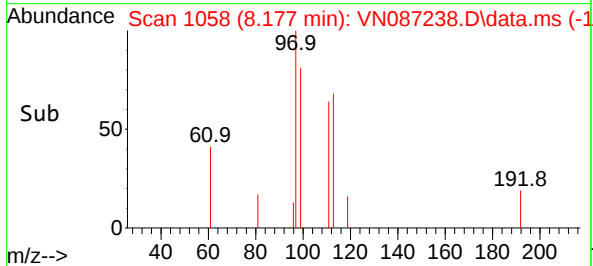
Tgt Ion: 97 Resp: 2704
 Ion Ratio Lower Upper
 97 100
 99 0.0 49.5 74.3
 61 32.2 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

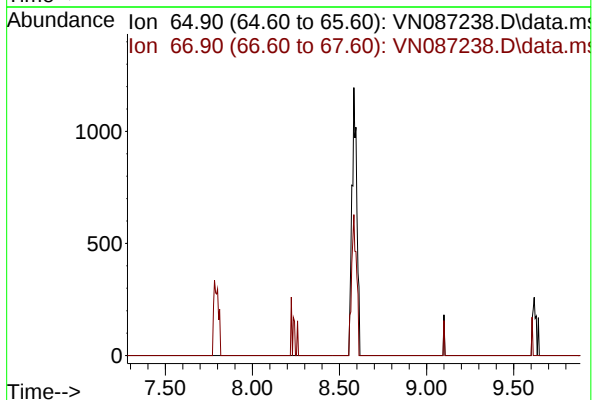
Supervised By :Mahesh Dadoda 07/01/2025



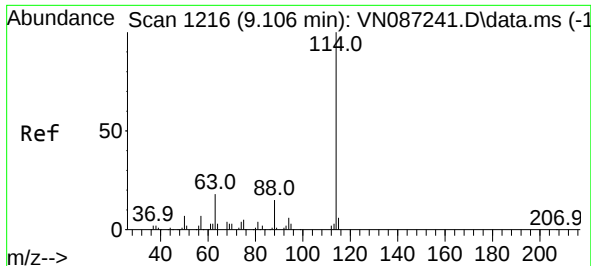
#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.58 min

Lab File: VN087238.D
 Acq: 30 Jun 2025 12:28

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 51.3

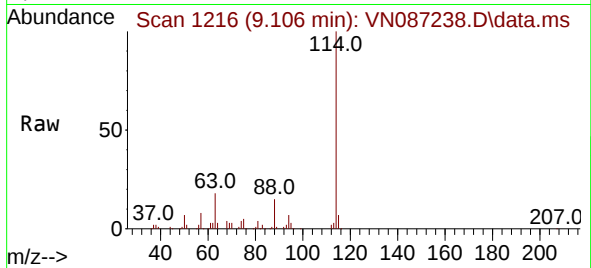


Ion 66.90 (66.60 to 67.60): VN087238.D\data.ms



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

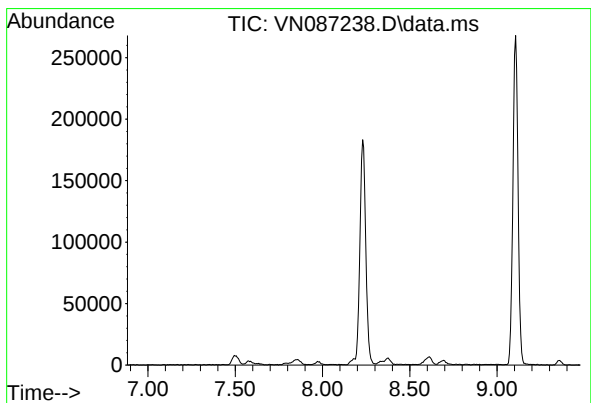
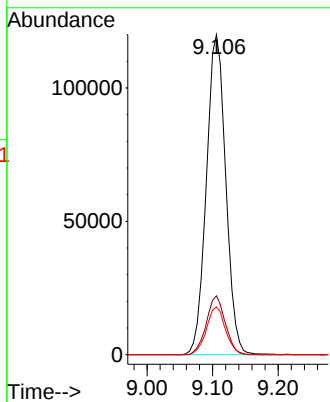
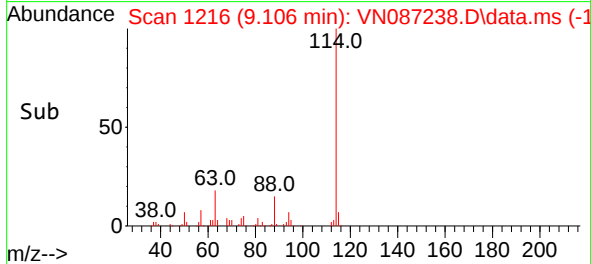
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:114 Resp: 24632
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.6
88 14.9 0.0 29.6

Manual Integrations
APPROVED

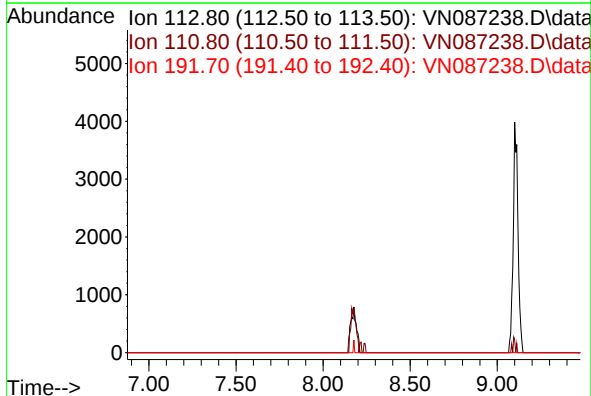
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

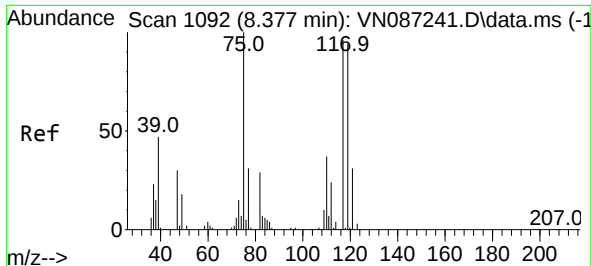


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.18 min

Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

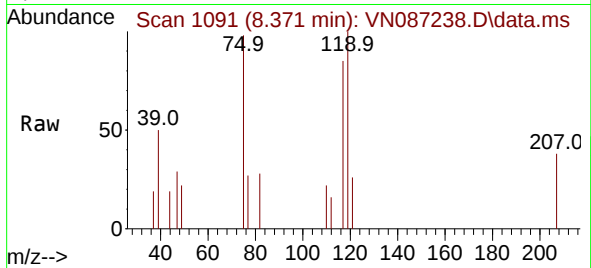
Tgt Ion: 113
Sig Exp Ratio
113 100
111 101.8
192 18.9





#36
1,1-Dichloropropene
Concen: 0.910 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

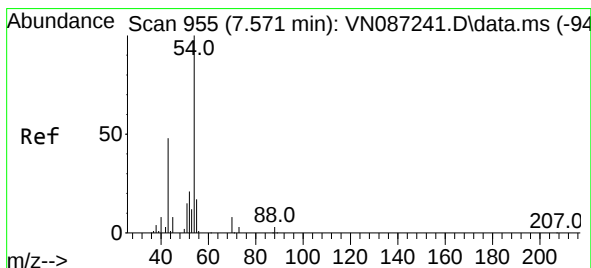
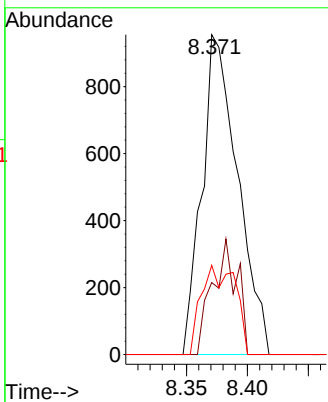
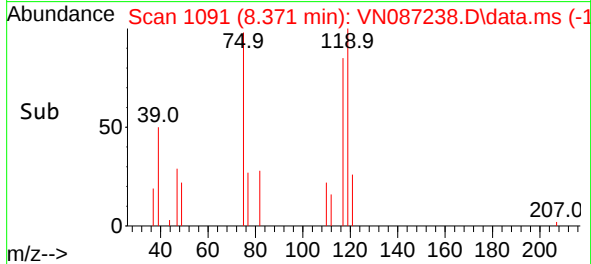
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



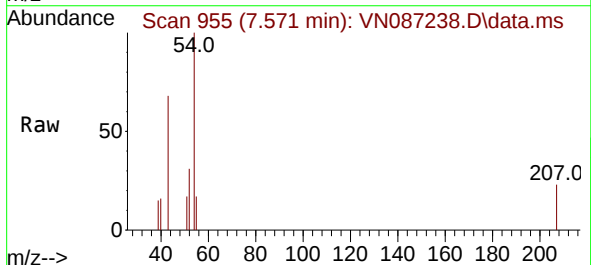
Tgt Ion: 75 Resp: 1952
Ion Ratio Lower Upper
75 100
110 24.8 18.7 56.1
77 26.5 24.5 36.7

Manual Integrations
APPROVED

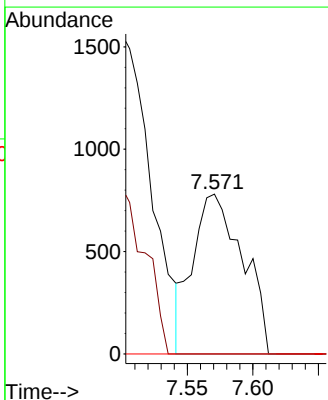
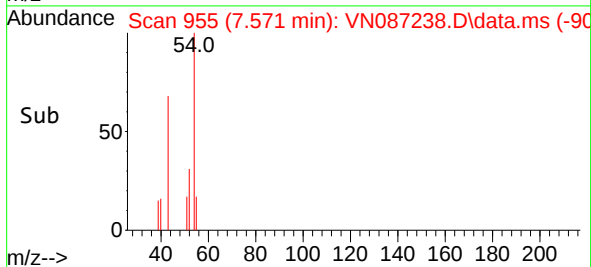
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

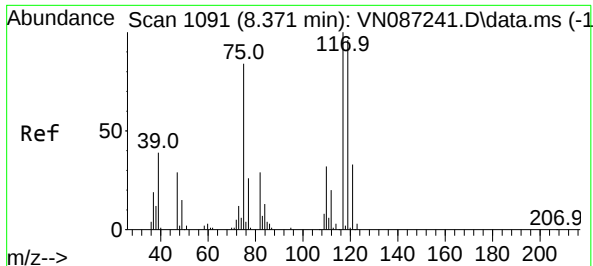


#37
Ethyl Acetate
Concen: 0.899 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



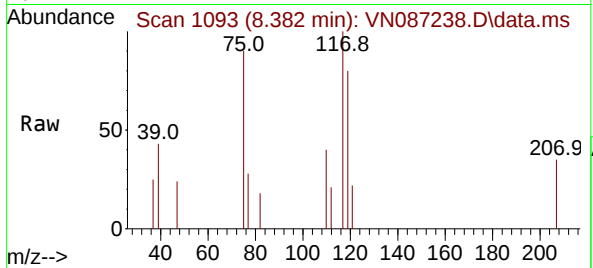
Tgt Ion: 43 Resp: 2073
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 9.9 14.9#





#38
Carbon Tetrachloride
Concen: 0.899 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

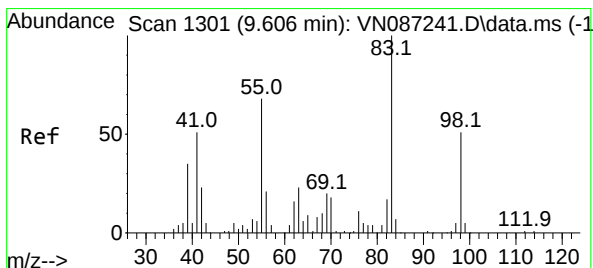
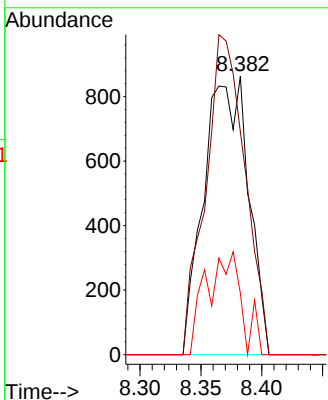
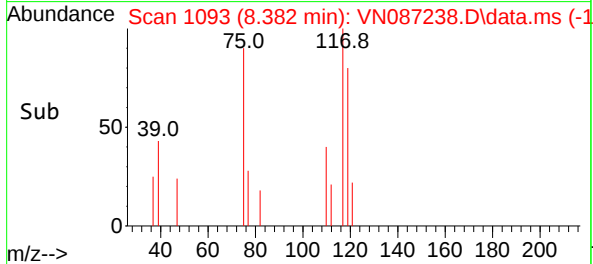
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



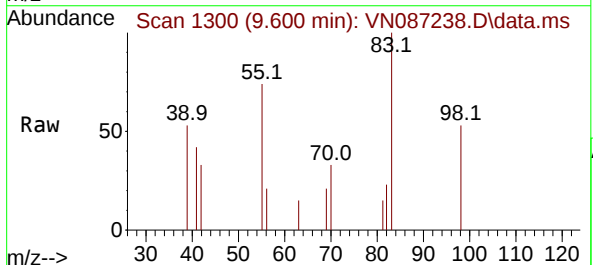
Tgt Ion: 117 Resp: 2180
Ion Ratio Lower Upper
117 100
119 80.1 77.2 115.8
121 22.1 26.6 39.8

Manual Integrations
APPROVED

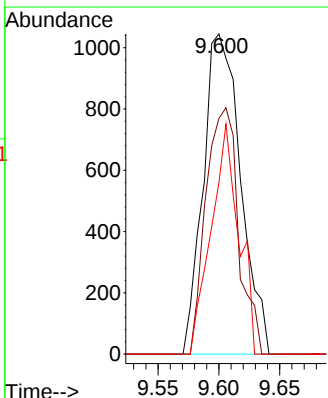
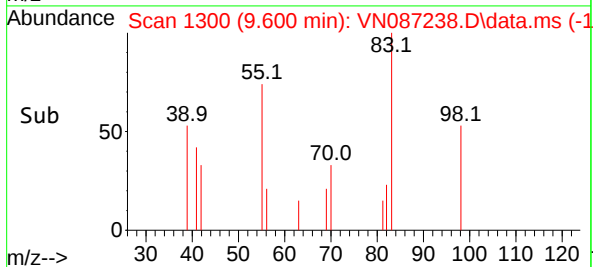
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

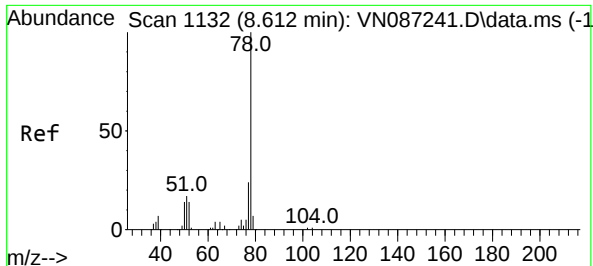


#39
Methylcyclohexane
Concen: 0.877 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



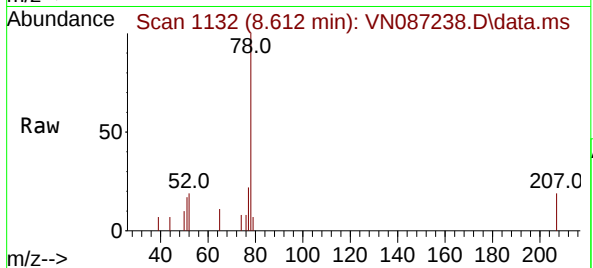
Tgt Ion: 83 Resp: 2241
Ion Ratio Lower Upper
83 100
55 73.6 54.6 81.8
98 53.5 41.2 61.8





#40
Benzene
Concen: 0.952 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

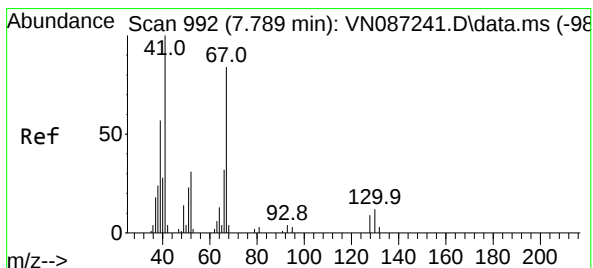
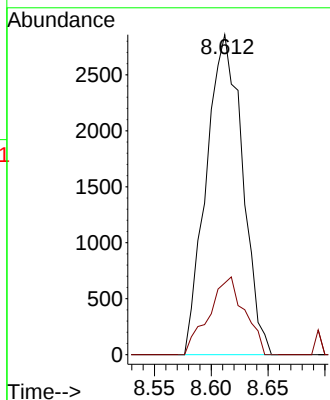
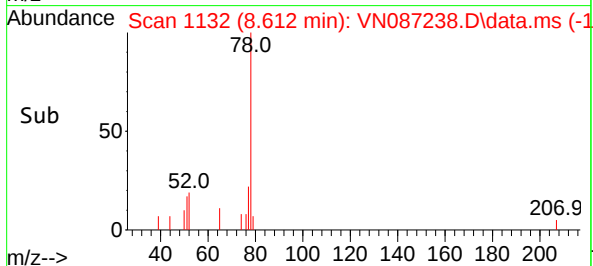
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 78 Resp: 6324
Ion Ratio Lower Upper
78 100
77 22.4 19.5 29.3

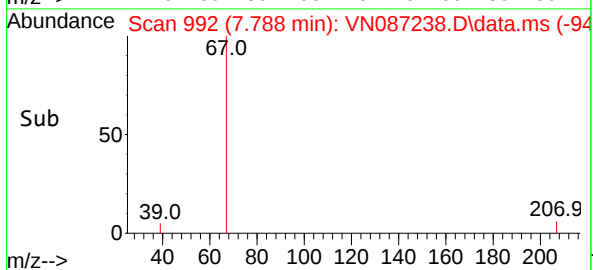
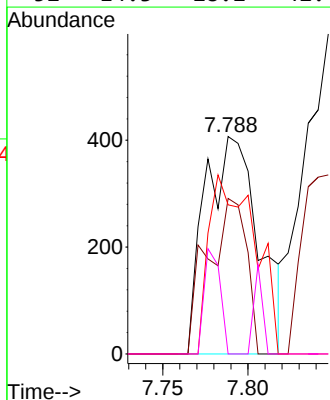
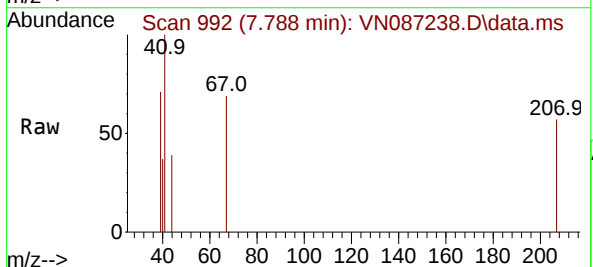
Manual Integrations
APPROVED

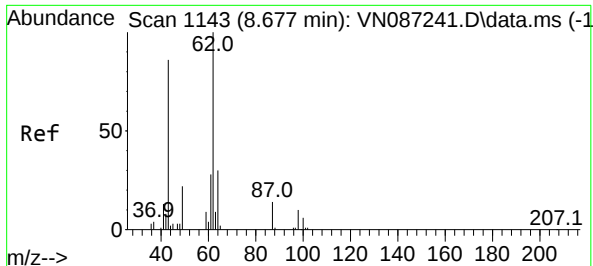
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#41
Methacrylonitrile
Concen: 0.815 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Tgt Ion: 41 Resp: 898
Ion Ratio Lower Upper
41 100
39 51.3 46.4 69.6
67 69.8 70.8 106.2#
52 14.3 28.2 42.4#





#42

1,2-Dichloroethane

Concen: 0.891 ug/l

RT: 8.682 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN087238.D

Acq: 30 Jun 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 1970

Ion Ratio Lower Upper

62 100

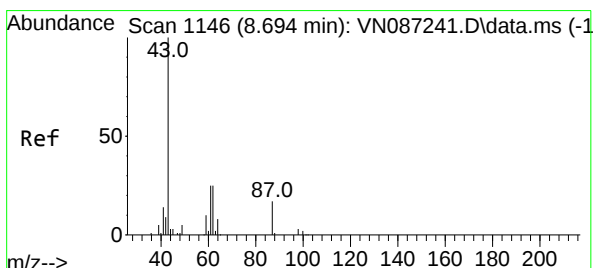
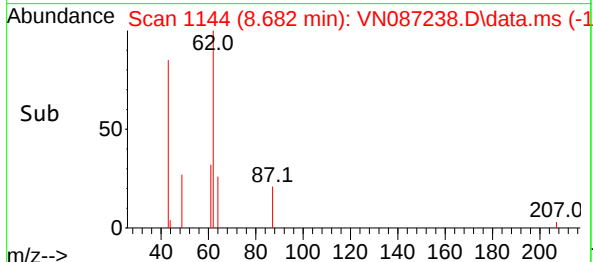
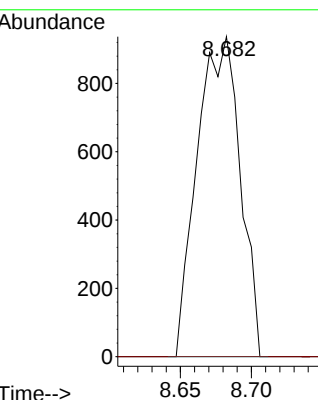
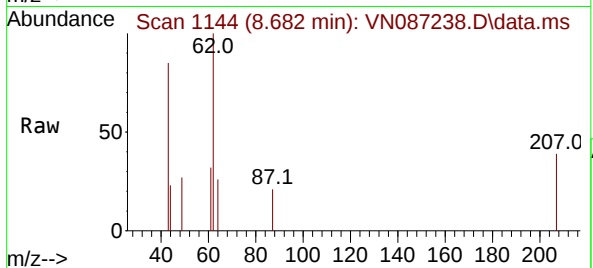
98 0.0 0.0 19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#43

Isopropyl Acetate

Concen: 0.821 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN087238.D

Acq: 30 Jun 2025 12:28

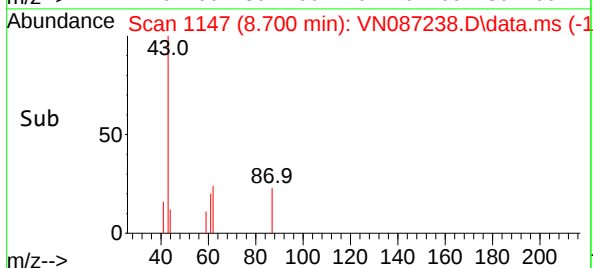
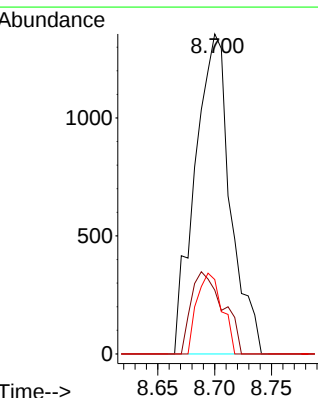
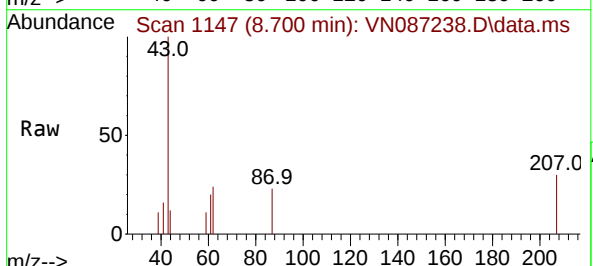
Tgt Ion: 43 Resp: 2937

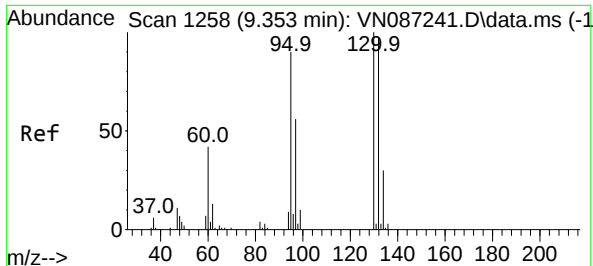
Ion Ratio Lower Upper

43 100

61 23.2 22.4 33.6

87 17.9 12.8 19.2





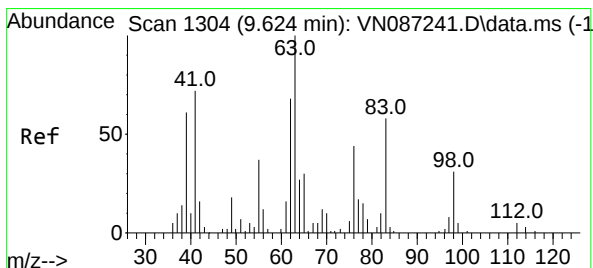
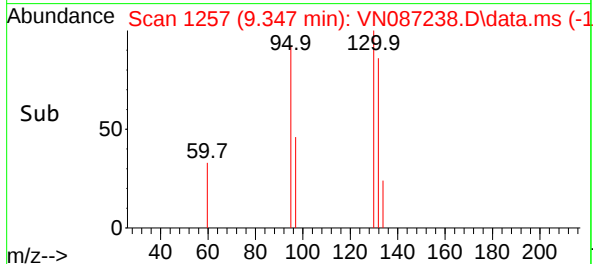
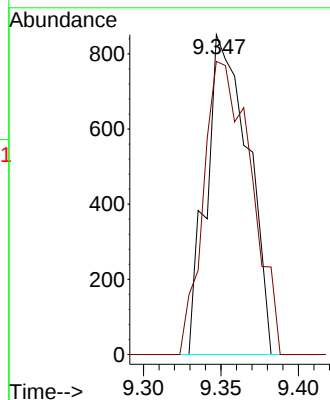
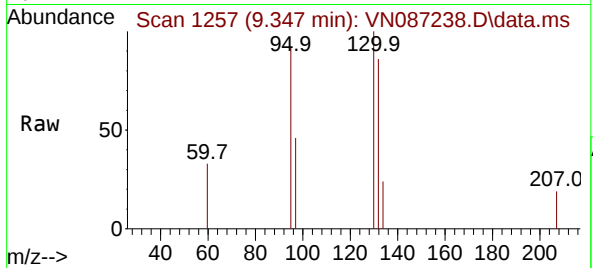
#44
Trichloroethene
Concen: 0.897 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:130 Resp: 1584
Ion Ratio Lower Upper
130 100
95 91.7 0.0 179.2

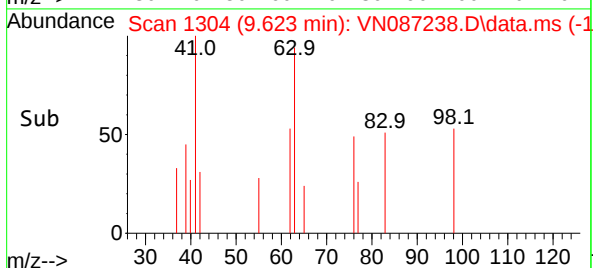
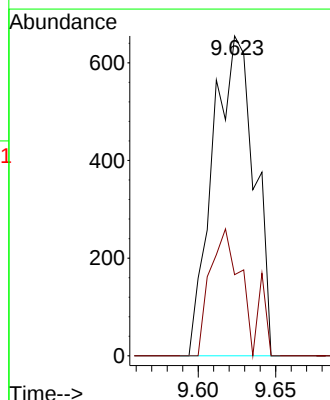
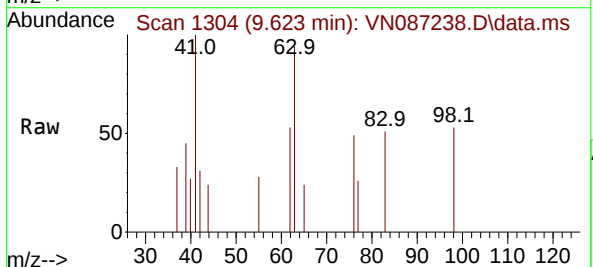
Manual Integrations
APPROVED

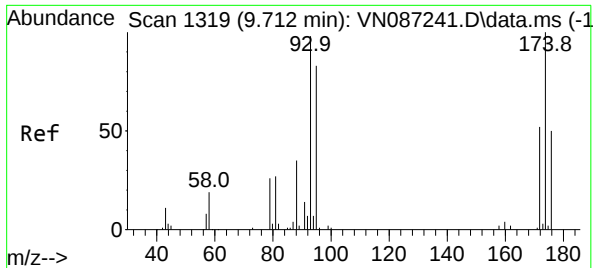
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#45
1,2-Dichloropropane
Concen: 0.841 ug/l
RT: 9.623 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

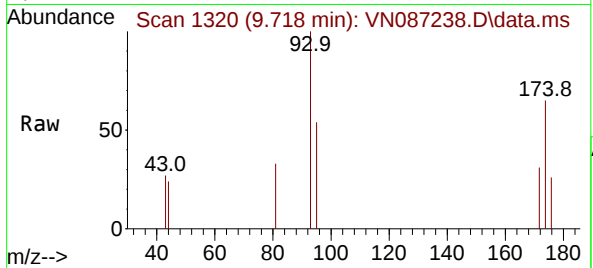
Tgt Ion: 63 Resp: 1219
Ion Ratio Lower Upper
63 100
65 25.3 23.8 35.8





#46
Dibromomethane
Concen: 0.951 ug/l
RT: 9.718 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

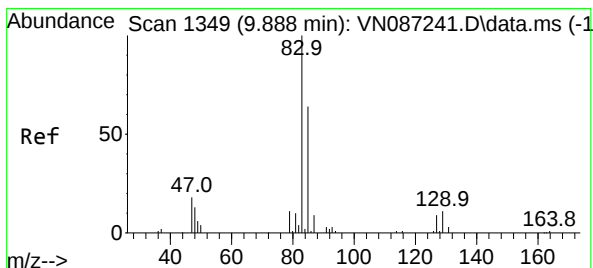
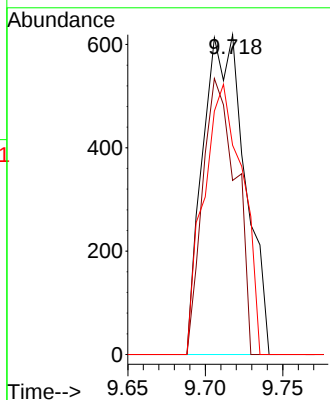
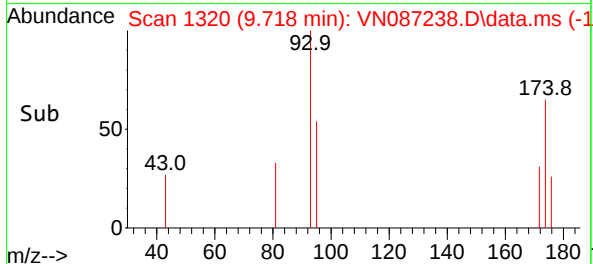
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



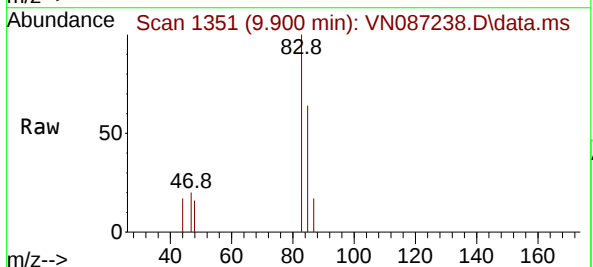
Tgt Ion: 93 Resp: 1172
Ion Ratio Lower Upper
93 100
95 68.1 66.1 99.1
174 78.0 81.8 122.6

Manual Integrations
APPROVED

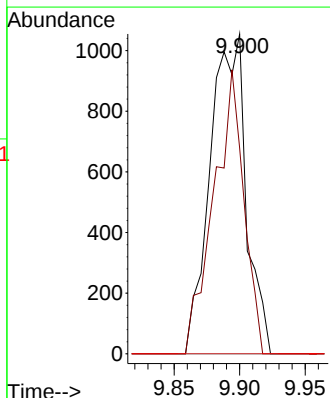
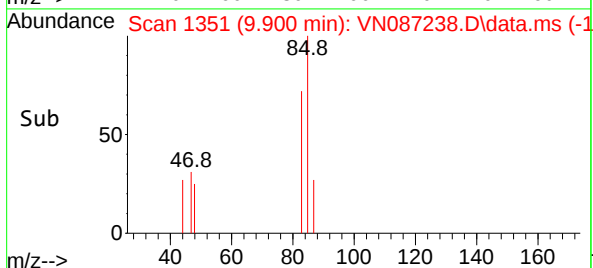
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

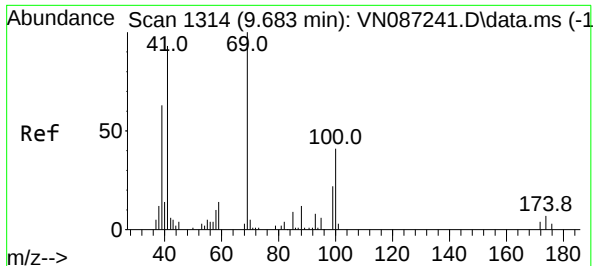


#47
Bromodichloromethane
Concen: 0.854 ug/l
RT: 9.900 min Scan# 1351
Delta R.T. 0.012 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



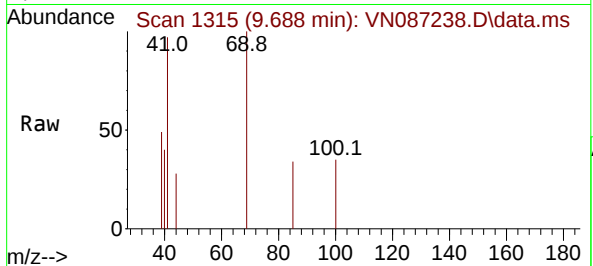
Tgt Ion: 83 Resp: 2008
Ion Ratio Lower Upper
83 100
85 64.4 51.2 76.8
127 0.0 7.0 10.4





#48
Methyl methacrylate
Concen: 0.724 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

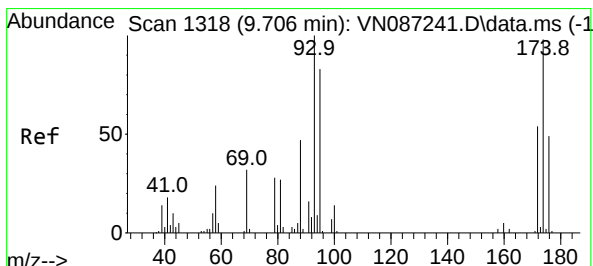
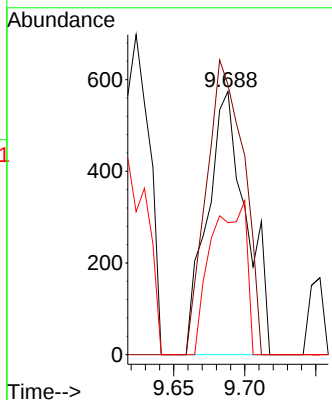
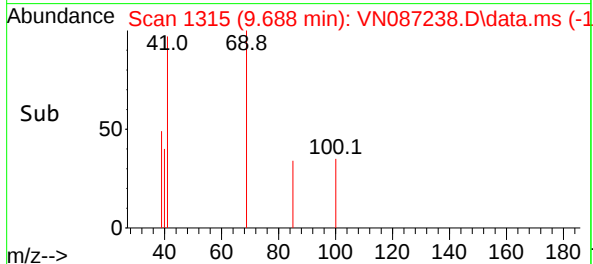
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



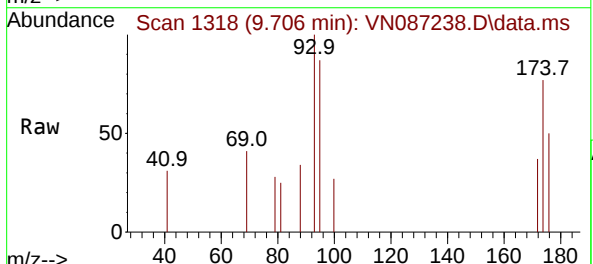
Tgt Ion: 41 Resp: 109
Ion Ratio Lower Upper
41 100
69 108.2 81.4 122.2
39 52.7 56.9 85.3

Manual Integrations
APPROVED

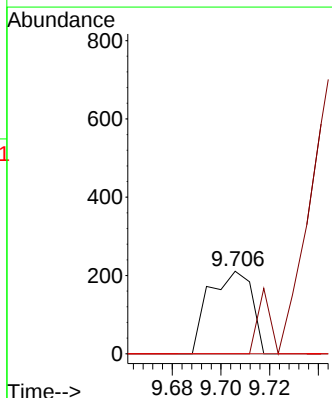
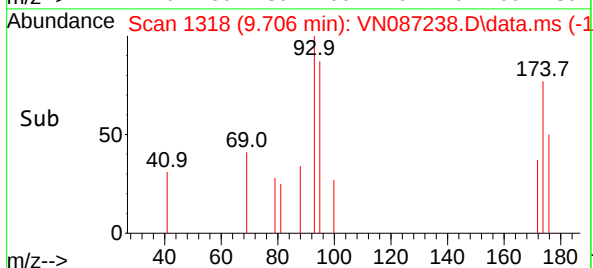
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

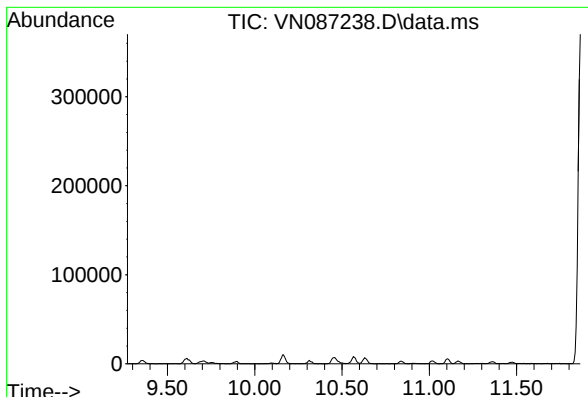


#49
1,4-Dioxane
Concen: 24.787 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



Tgt Ion: 88 Resp: 258
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 47.8 71.8





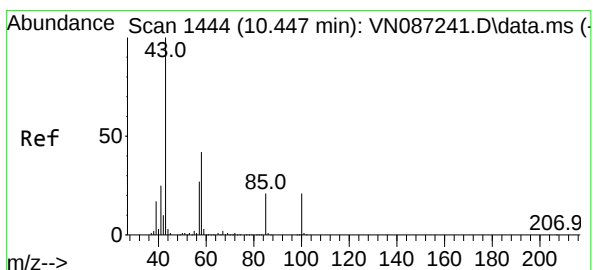
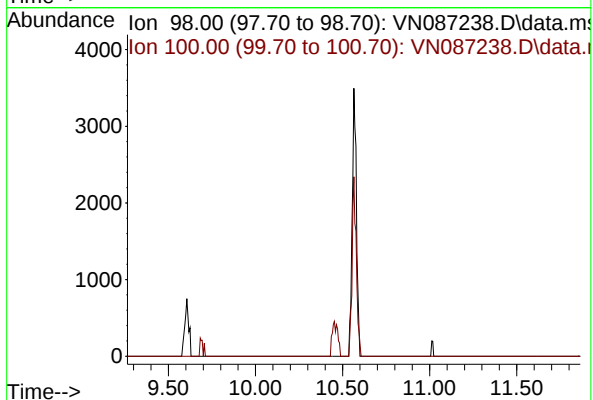
#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.56 min
 Lab File: VN087238.D
 Acq: 30 Jun 2025 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 65.1

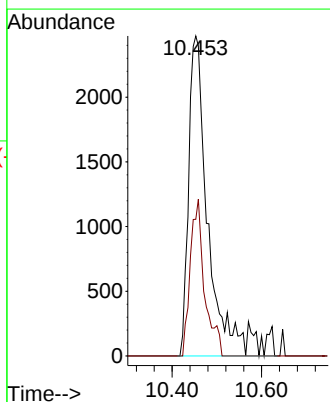
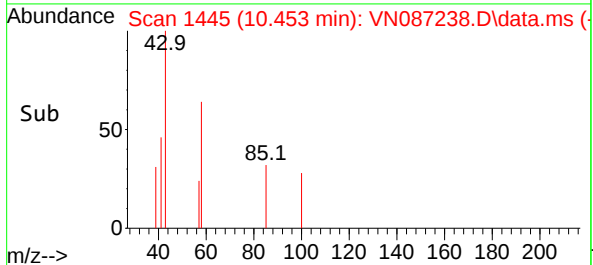
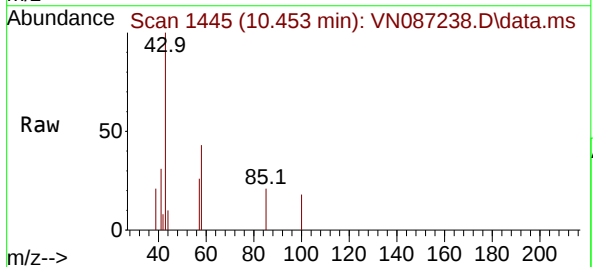
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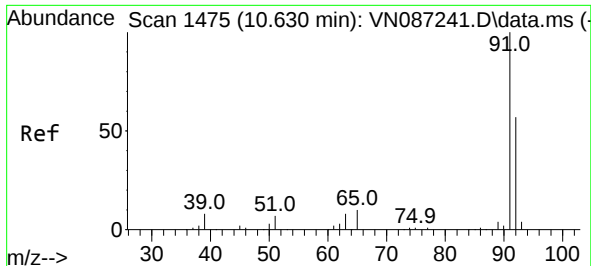
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025



#51
 4-Methyl-2-Pentanone
 Concen: 3.522 ug/l m
 RT: 10.453 min Scan# 1445
 Delta R.T. 0.006 min
 Lab File: VN087238.D
 Acq: 30 Jun 2025 12:28

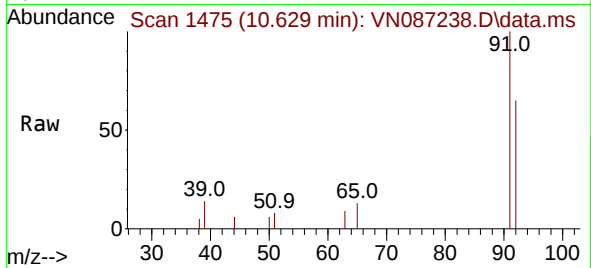
Tgt Ion: 43 Resp: 7706
 Ion Ratio Lower Upper
 43 100
 58 34.8 34.2 51.2





#52
Toluene
Concen: 0.837 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

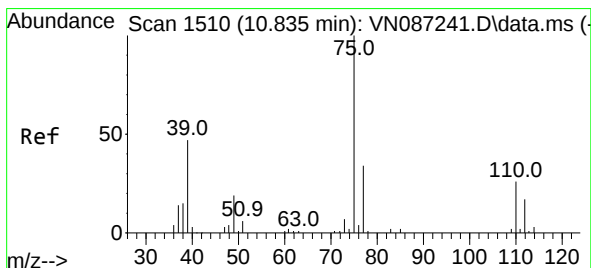
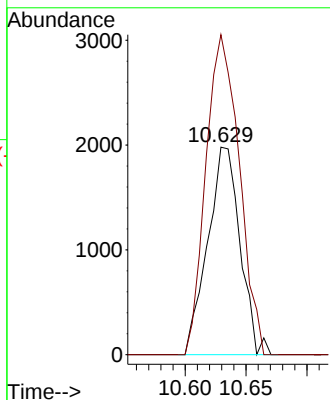
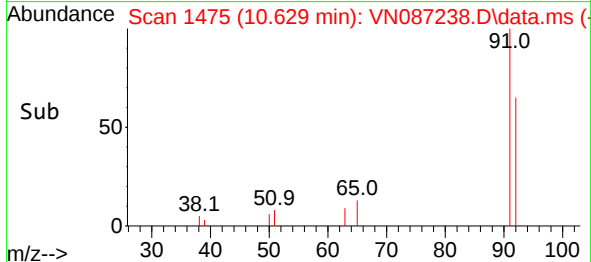
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



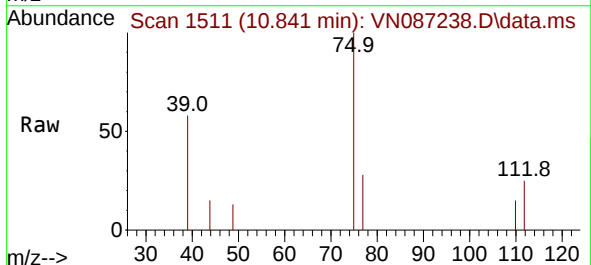
Tgt Ion: 92 Resp: 3649
Ion Ratio Lower Upper
92 100
91 159.5 137.8 206.6

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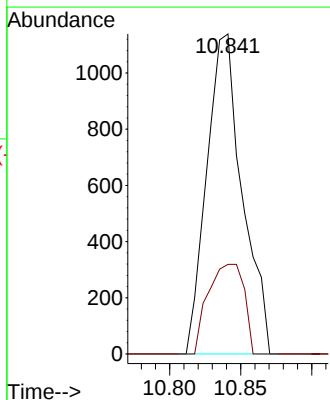
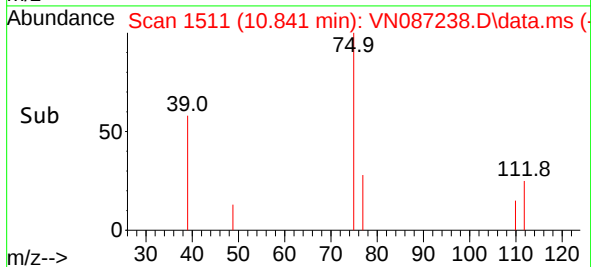
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

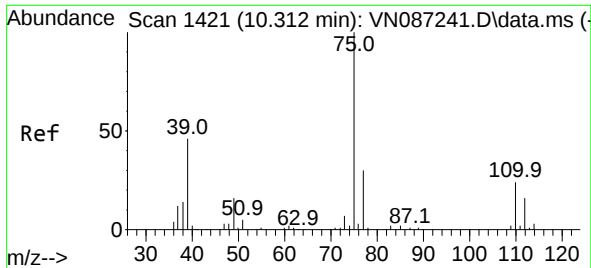


#53
t-1,3-Dichloropropene
Concen: 0.788 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



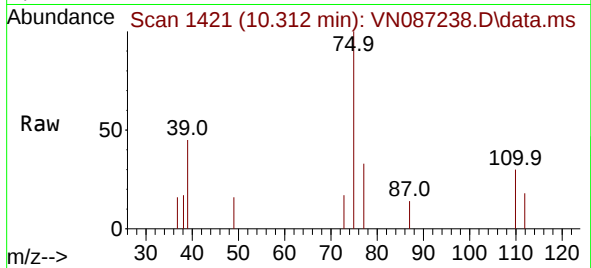
Tgt Ion: 75 Resp: 1986
Ion Ratio Lower Upper
75 100
77 28.0 27.1 40.7





#54
 cis-1,3-Dichloropropene
 Concen: 0.794 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN087238.D
 Acq: 30 Jun 2025 12:28

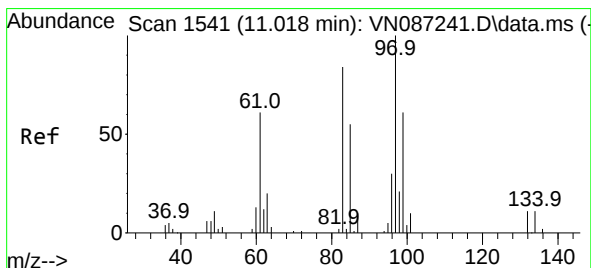
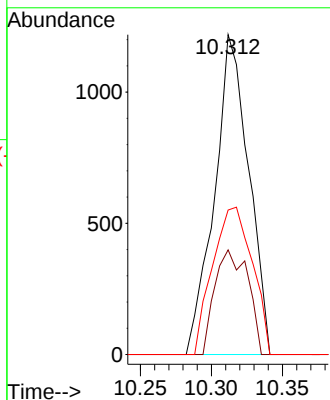
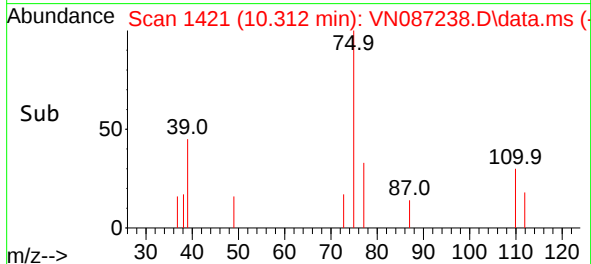
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



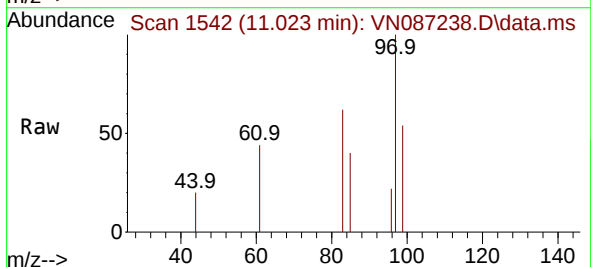
Tgt Ion: 75 Resp: 2040
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.1 36.1
 39 45.2 36.7 55.1

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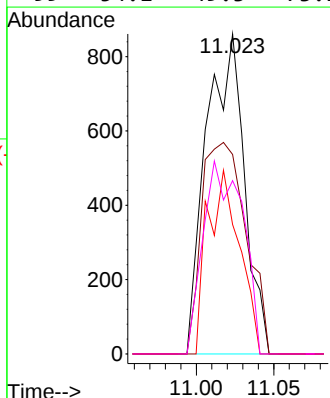
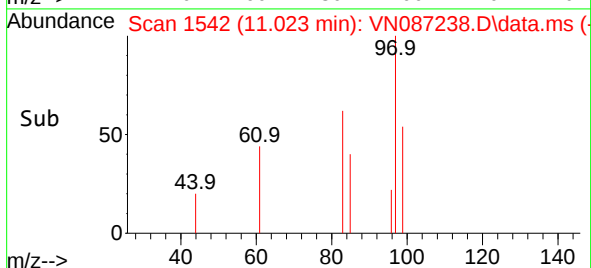
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025

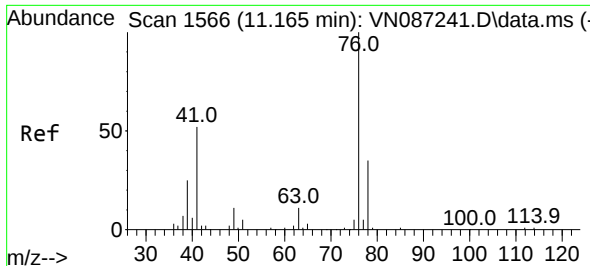


#55
 1,1,2-Trichloroethane
 Concen: 0.891 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN087238.D
 Acq: 30 Jun 2025 12:28



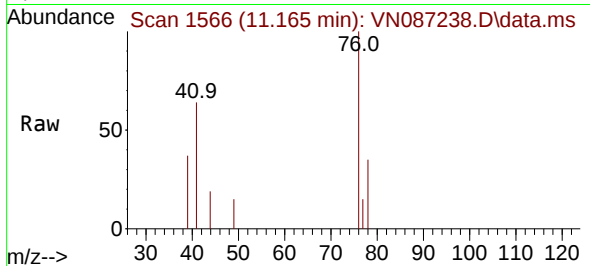
Tgt Ion: 97 Resp: 1467
 Ion Ratio Lower Upper
 97 100
 83 62.4 67.4 101.2#
 85 40.4 43.6 65.4#
 99 54.1 49.3 73.9





#57
1,3-Dichloropropane
Concen: 0.902 ug/l
RT: 11.165 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

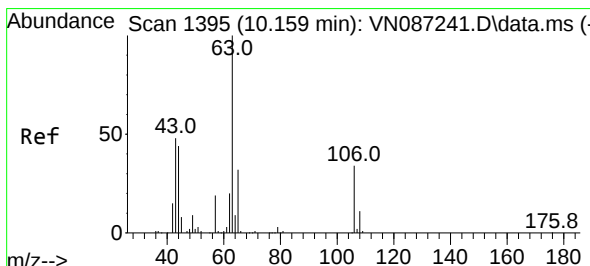
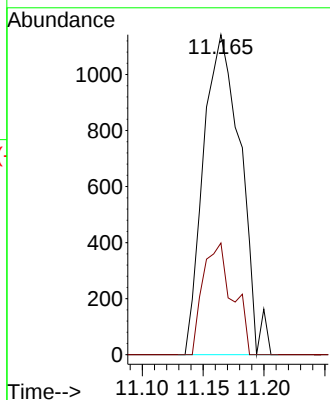
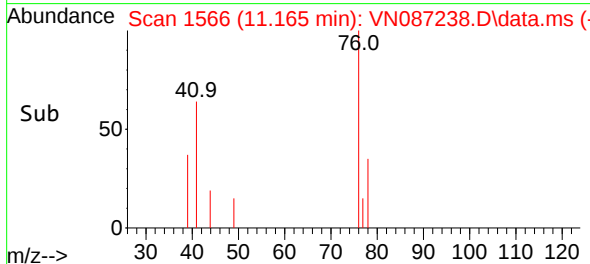
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 76 Resp: 2424
Ion Ratio Lower Upper
76 100
78 27.8 27.1 40.7

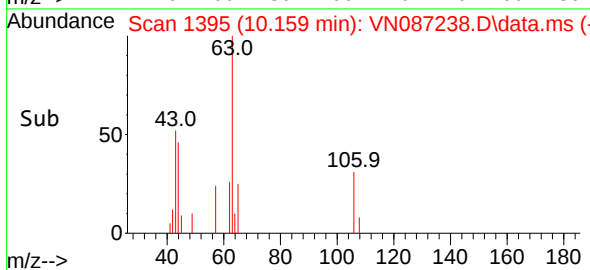
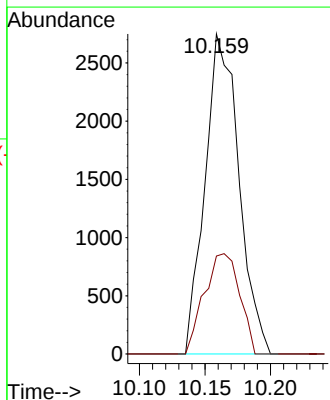
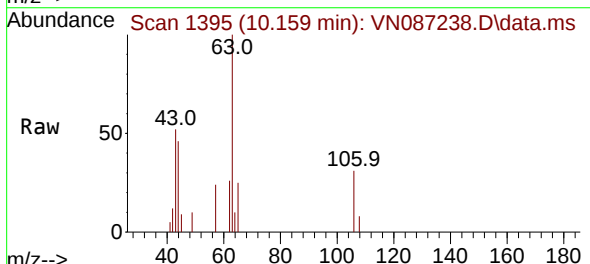
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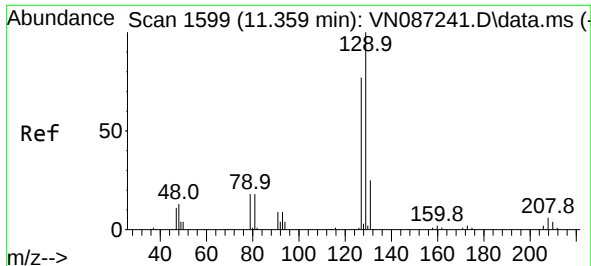
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#58
2-Chloroethyl Vinyl ether
Concen: 3.869 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

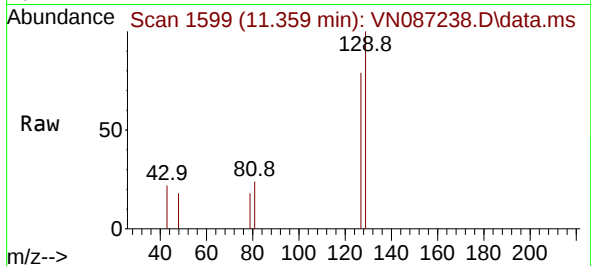
Tgt Ion: 63 Resp: 4932
Ion Ratio Lower Upper
63 100
106 32.7 26.9 40.3





#60
Dibromochloromethane
Concen: 0.834 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

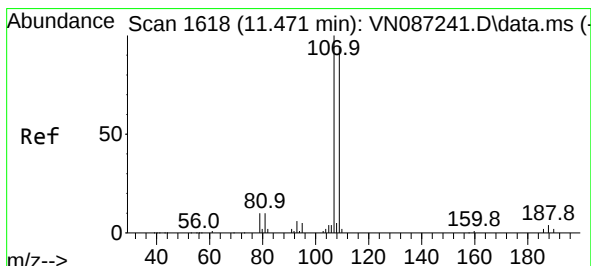
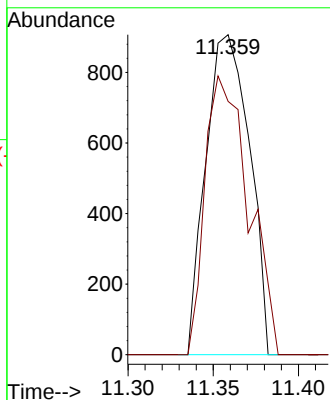
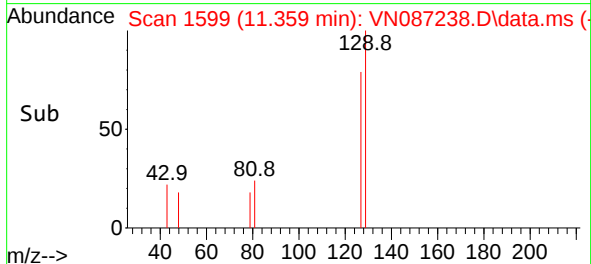
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



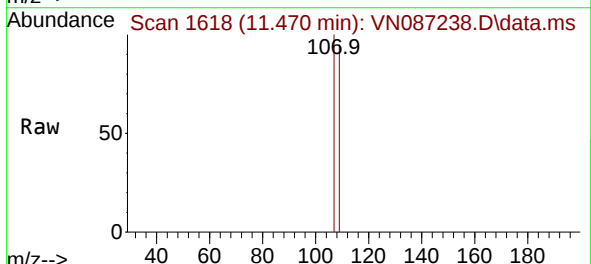
Tgt Ion:129 Resp: 1618
Ion Ratio Lower Upper
129 100
127 87.1 39.3 117.9

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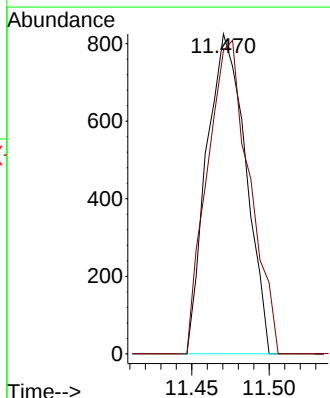
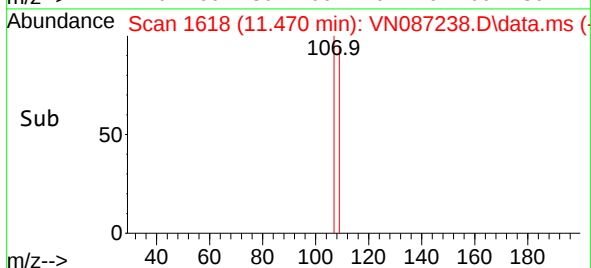
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

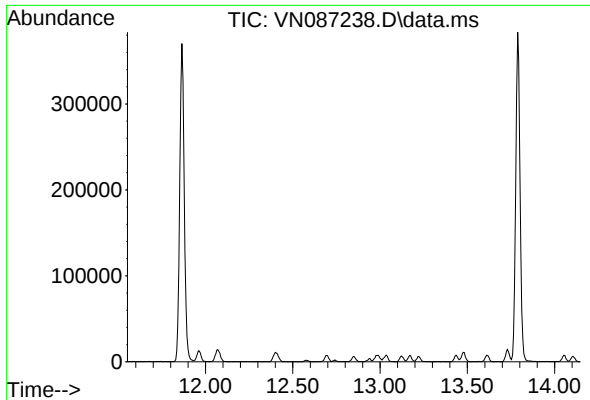


#61
1,2-Dibromoethane
Concen: 0.817 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



Tgt Ion:107 Resp: 1447
Ion Ratio Lower Upper
107 100
109 105.5 76.0 114.0





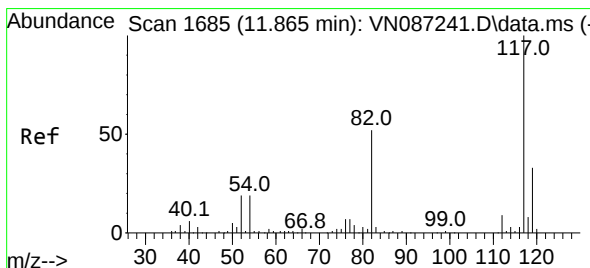
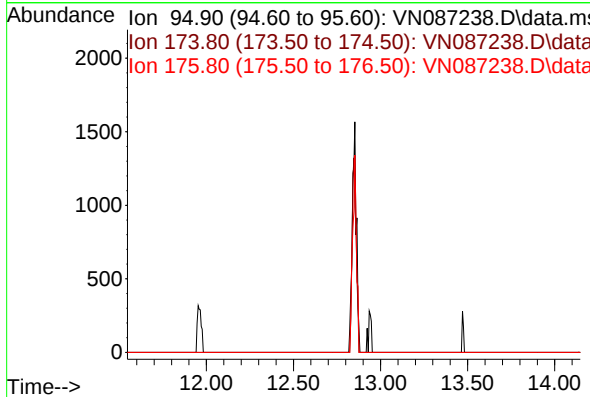
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN087238.D
 Acq: 30 Jun 2025 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 84.8
 176 80.8

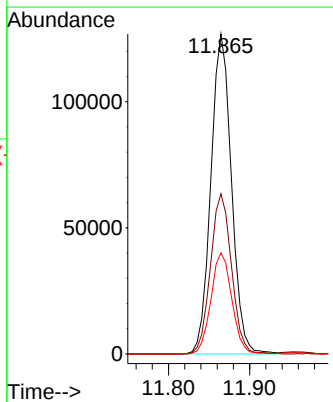
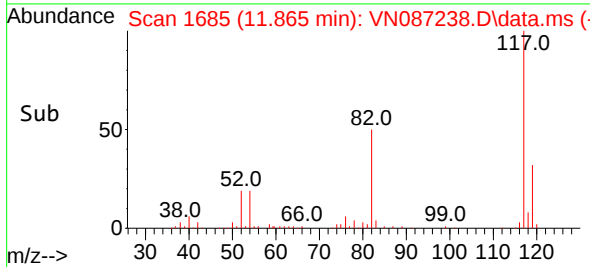
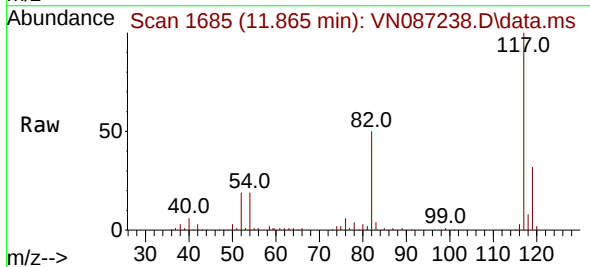
Manual Integrations
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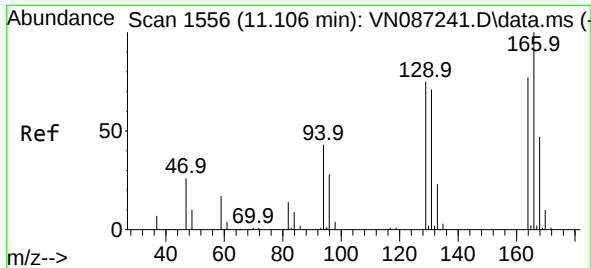
Reviewed By : John Carlone 07/01/2025
 Supervised By : Mahesh Dadoda 07/01/2025



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN087238.D
 Acq: 30 Jun 2025 12:28

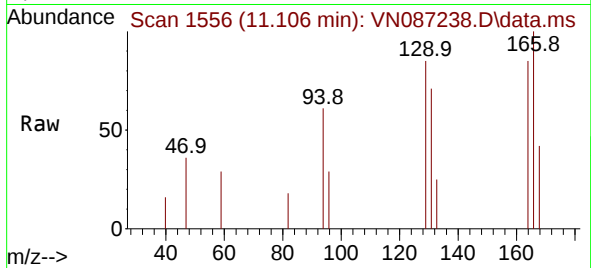
Tgt Ion: 117 Resp: 223527
 Ion Ratio Lower Upper
 117 100
 82 50.1 41.9 62.9
 119 31.6 26.2 39.4





#64
Tetrachloroethene
Concen: 0.913 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

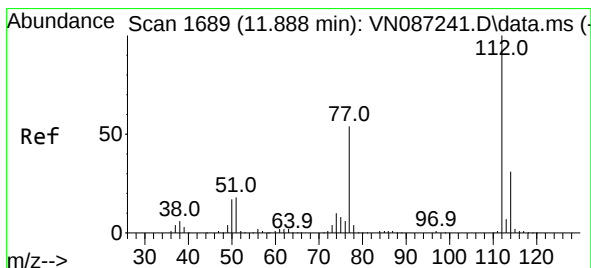
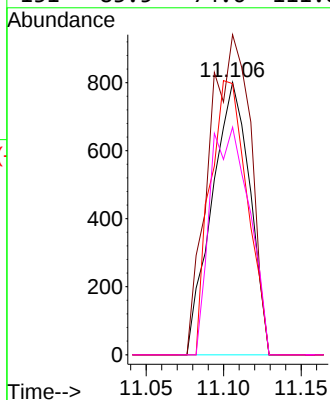
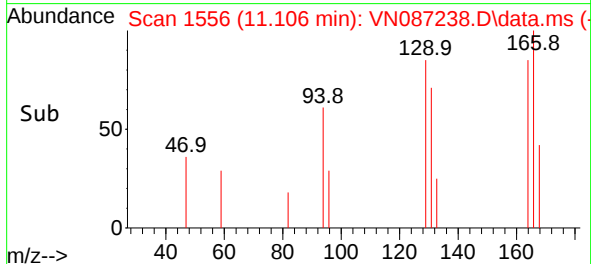
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 1360
Ion Ratio Lower Upper
164 100
166 117.5 104.3 156.5
129 99.5 78.5 117.7
131 83.5 74.6 111.8

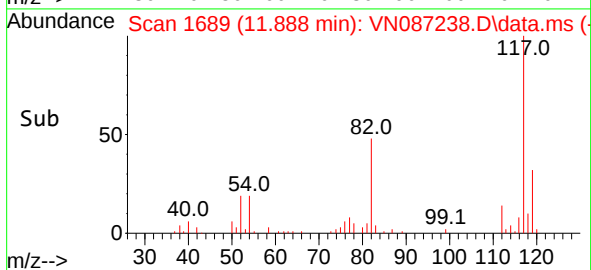
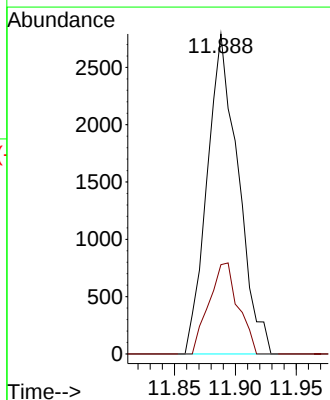
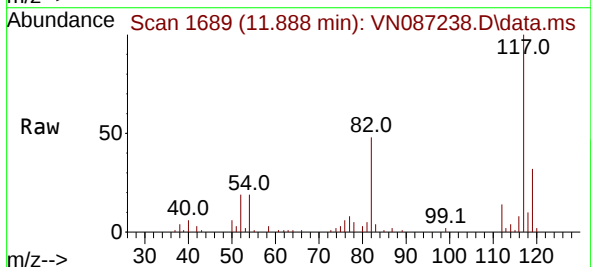
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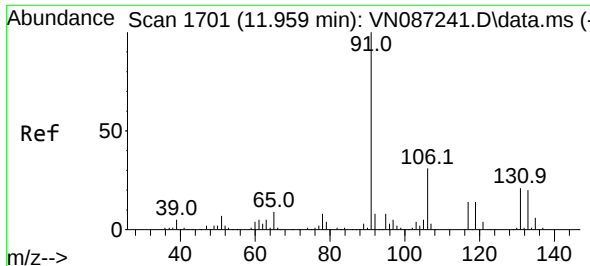
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#65
Chlorobenzene
Concen: 0.987 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Tgt Ion:112 Resp: 4951
Ion Ratio Lower Upper
112 100
114 27.9 24.4 36.6





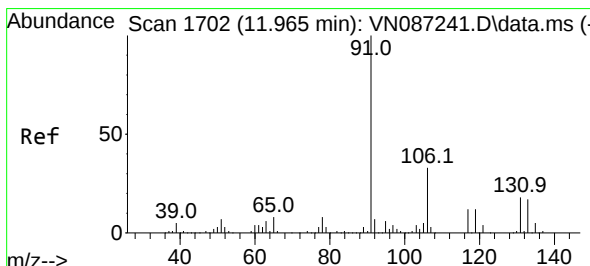
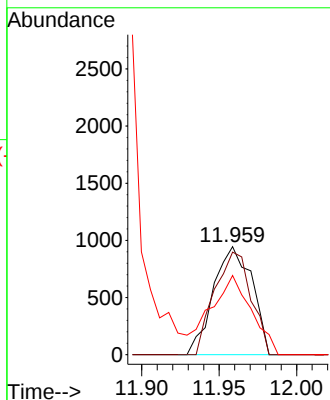
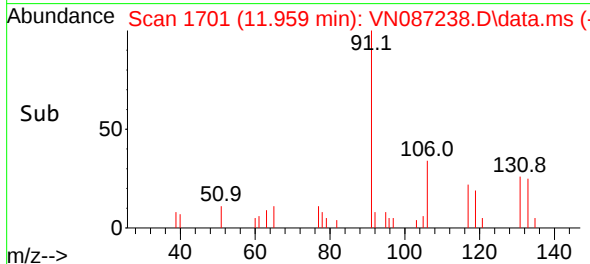
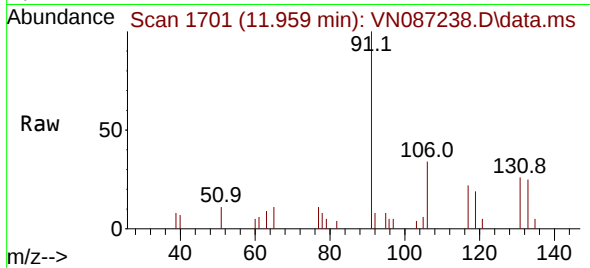
#66
1,1,1,2-Tetrachloroethane
Concen: 0.949 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:131 Resp: 164
Ion Ratio Lower Upper
131 100
133 89.7 47.2 141.6
119 0.0 32.4 97.2

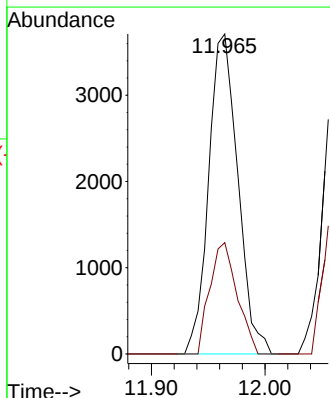
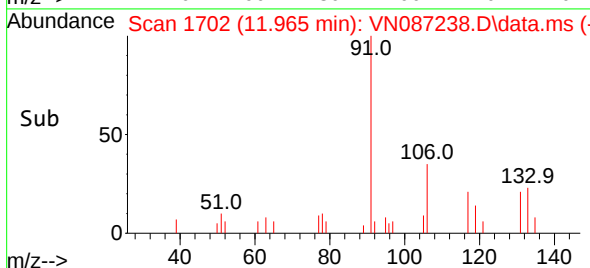
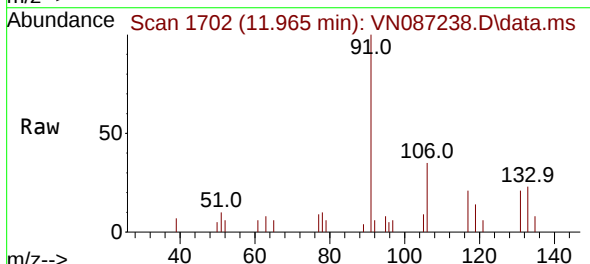
Manual Integrations
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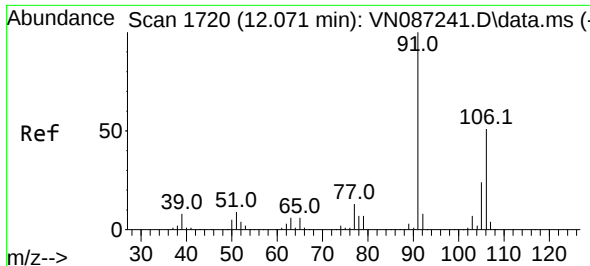
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#67
Ethyl Benzene
Concen: 0.816 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Tgt Ion: 91 Resp: 6625
Ion Ratio Lower Upper
91 100
106 34.8 26.2 39.4





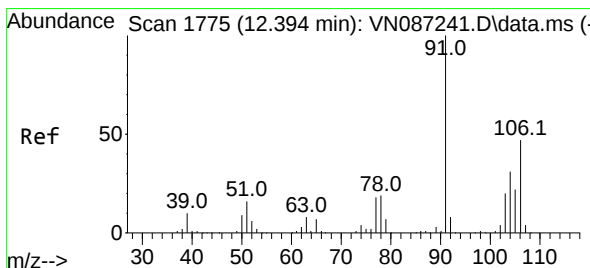
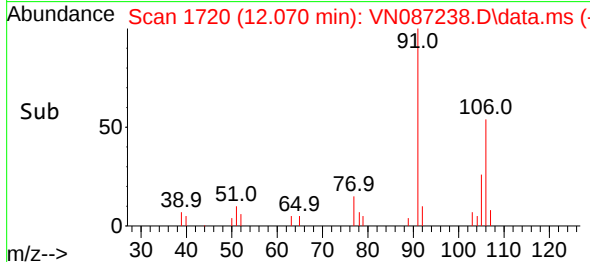
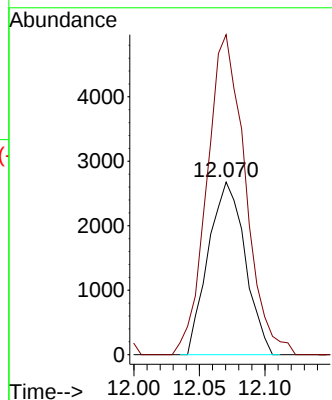
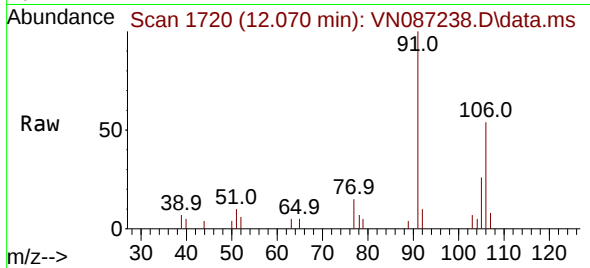
#68
m/p-Xylenes
Concen: 1.613 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 5230
Ion Ratio Lower Upper
106 100
91 192.8 158.2 237.2

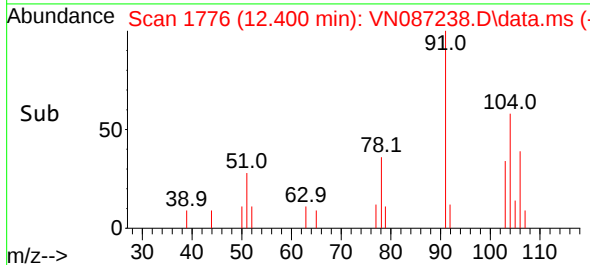
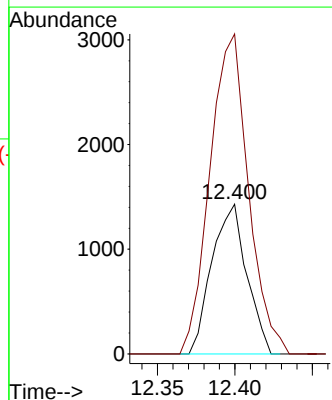
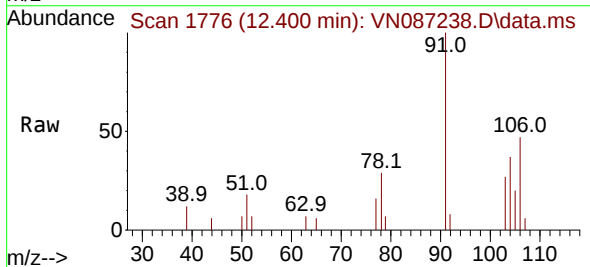
Manual Integrations
APPROVED

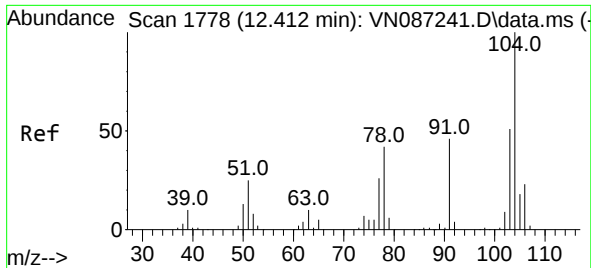
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#69
o-Xylene
Concen: 0.736 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Tgt Ion:106 Resp: 2233
Ion Ratio Lower Upper
106 100
91 236.3 105.4 316.1





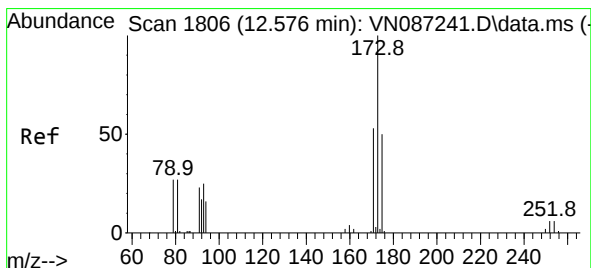
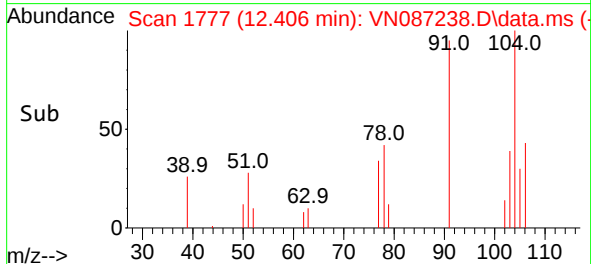
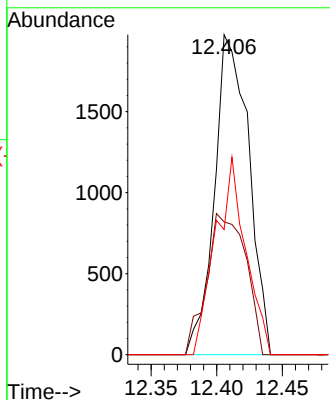
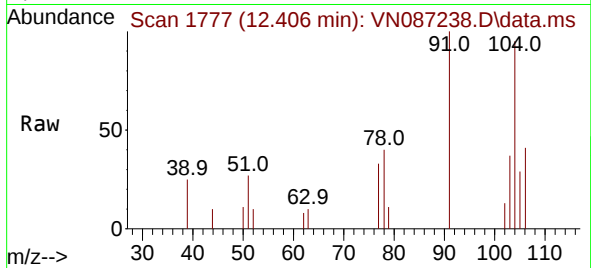
#70
Styrene
Concen: 0.696 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 3589
Ion Ratio Lower Upper
104 100
78 50.2 37.6 56.4
103 54.8 44.0 66.0

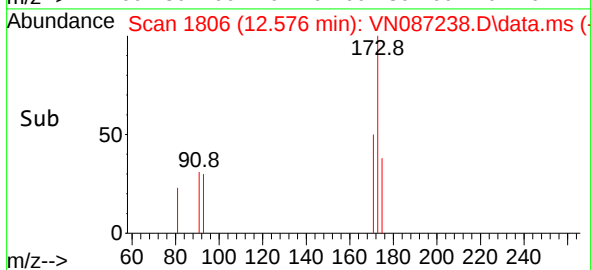
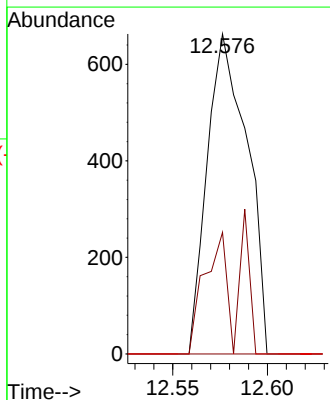
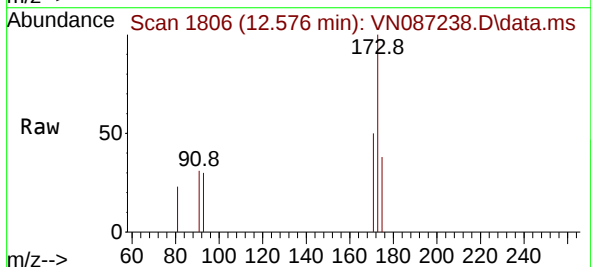
Manual Integrations
APPROVED

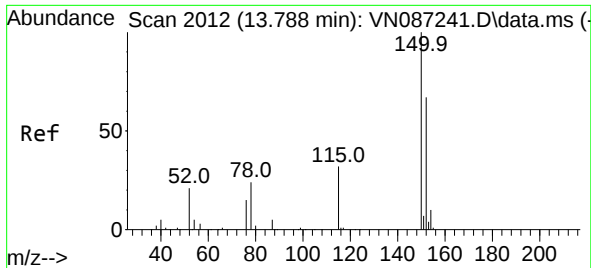
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#71
Bromoform
Concen: 0.727 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

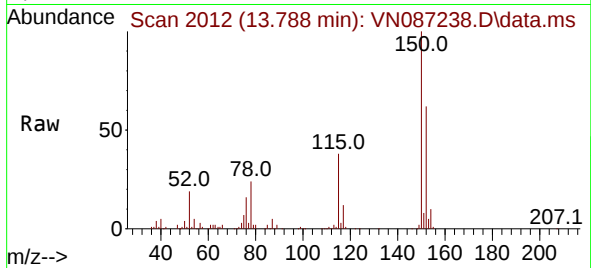
Tgt Ion:173 Resp: 972
Ion Ratio Lower Upper
173 100
175 21.3 24.6 73.6#
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

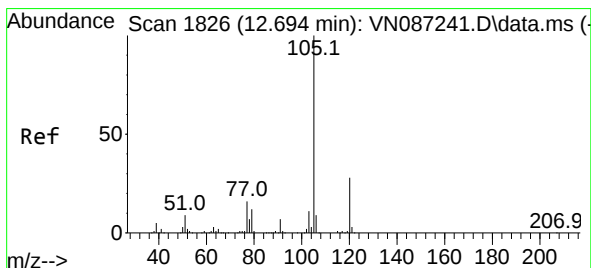
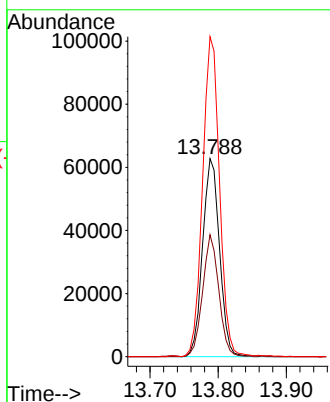
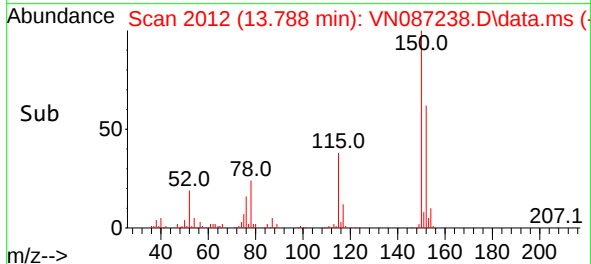
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



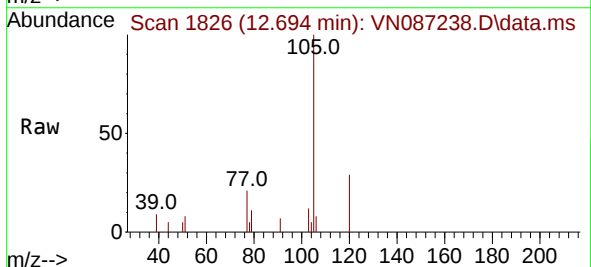
Tgt Ion:152 Resp: 108618
Ion Ratio Lower Upper
152 100
115 58.7 28.3 84.9
150 161.0 0.0 344.6

Manual Integrations
APPROVED

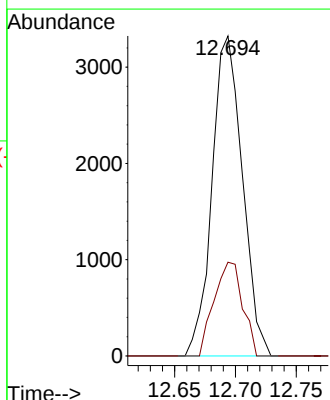
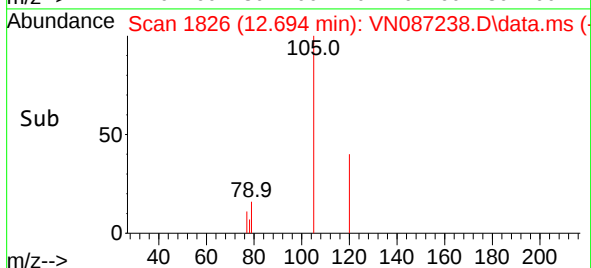
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

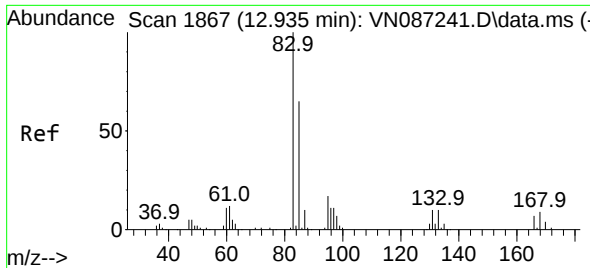


#73
Isopropylbenzene
Concen: 0.823 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



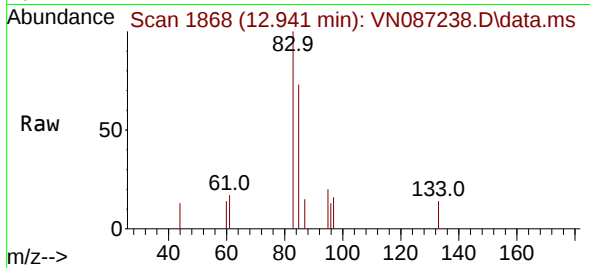
Tgt Ion:105 Resp: 5759
Ion Ratio Lower Upper
105 100
120 27.5 13.9 41.6





#75
1,1,2,2-Tetrachloroethane
Concen: 0.945 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

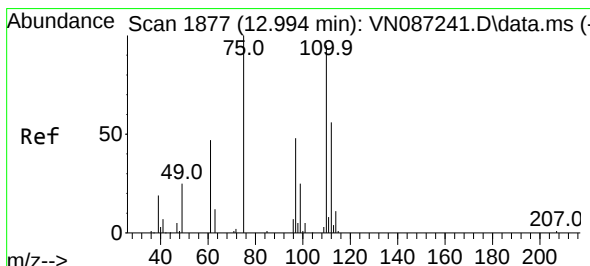
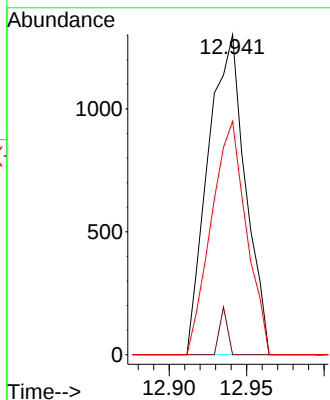
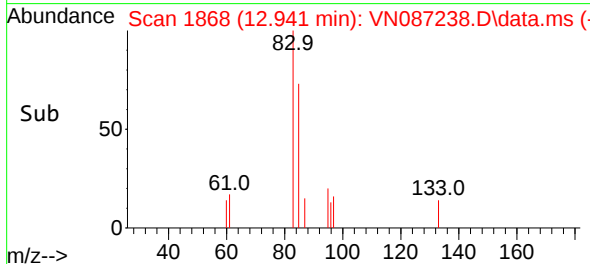
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



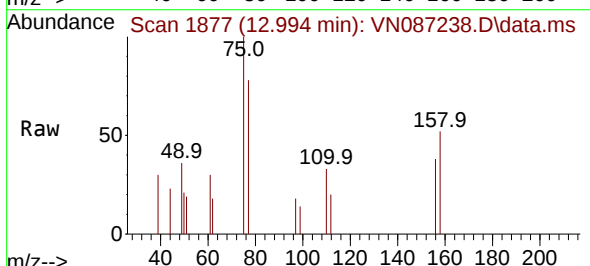
Tgt Ion: 83 Resp: 2170
Ion Ratio Lower Upper
83 100
131 3.1 5.3 15.9
85 68.7 32.2 96.6

Manual Integrations
APPROVED

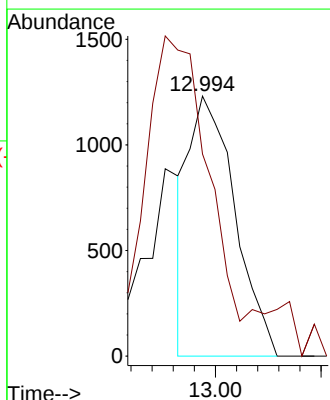
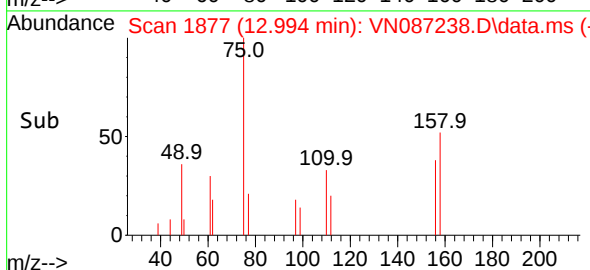
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

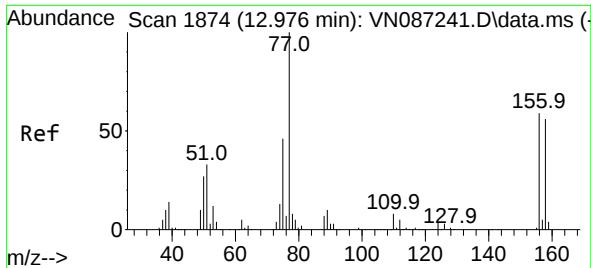


#76
1,2,3-Trichloropropane
Concen: 0.896 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



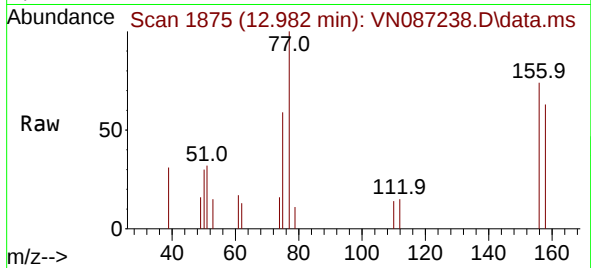
Tgt Ion: 75 Resp: 1867
Ion Ratio Lower Upper
75 100
77 178.0 82.0 245.8





#77
Bromobenzene
Concen: 0.852 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

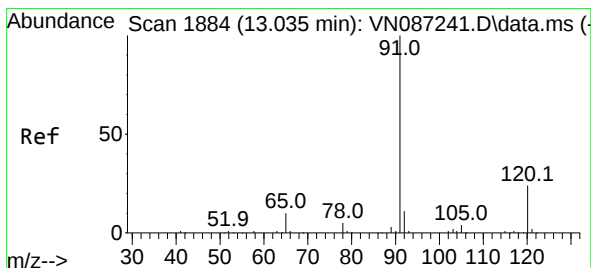
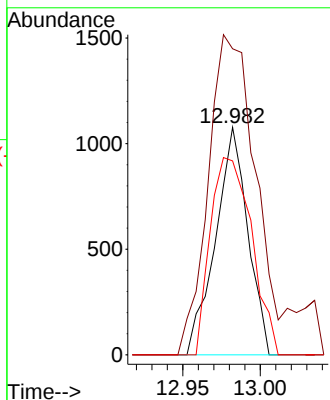
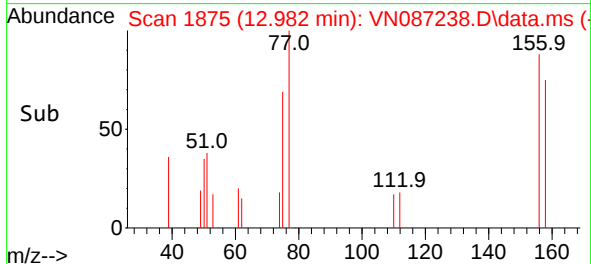
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:156 Resp: 1556
Ion Ratio Lower Upper
156 100
77 213.6 98.0 294.1
158 111.0 47.7 143.1

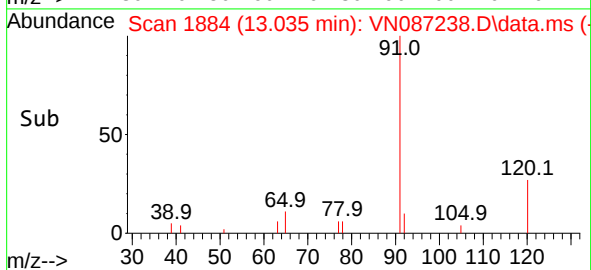
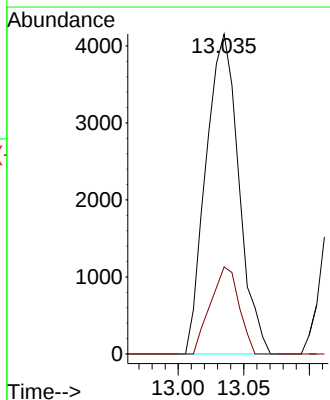
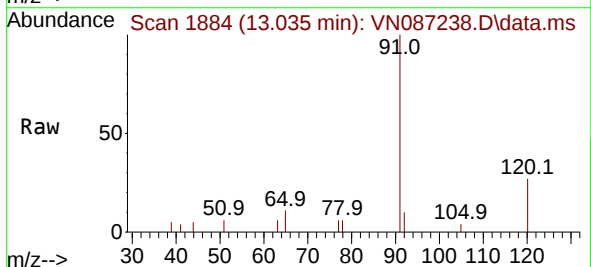
Manual Integrations
APPROVED

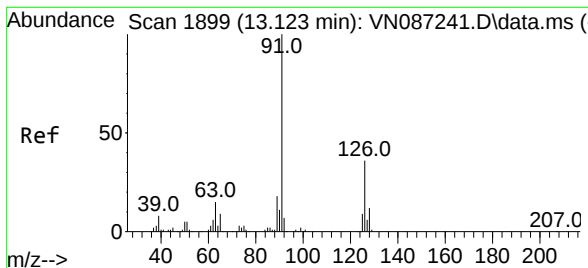
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#78
n-propylbenzene
Concen: 0.857 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Tgt Ion: 91 Resp: 7242
Ion Ratio Lower Upper
91 100
120 23.5 12.0 36.0





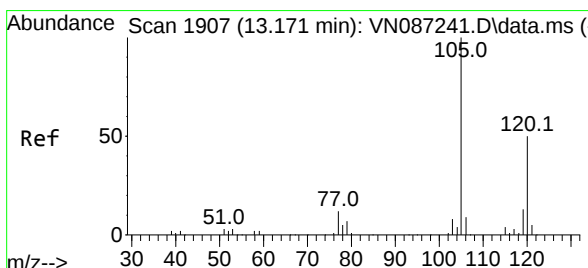
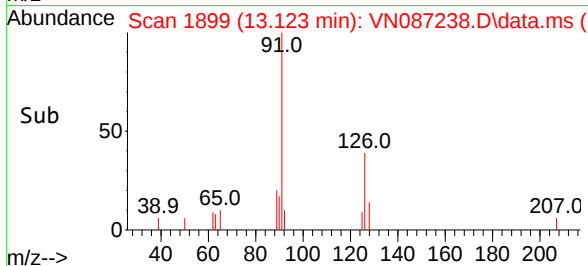
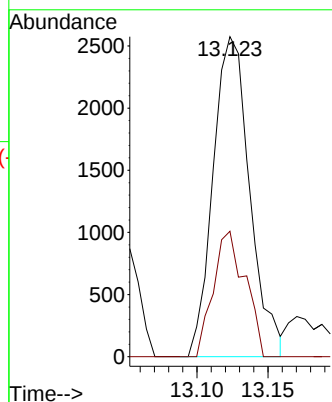
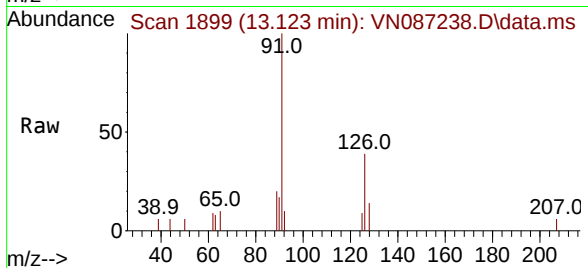
#79
2-Chlorotoluene
Concen: 0.919 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 4620
Ion Ratio Lower Upper
91 100
126 34.0 17.8 53.3

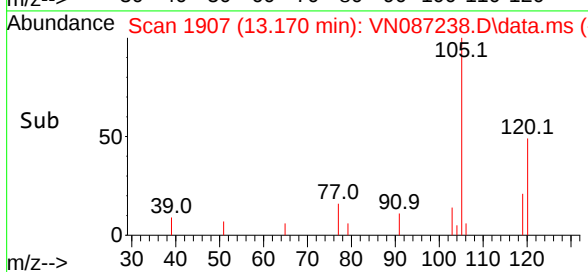
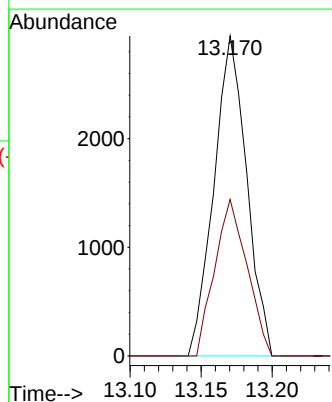
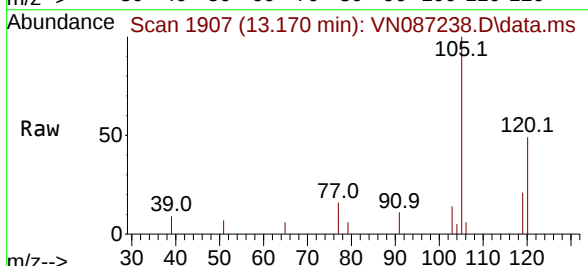
Manual Integrations
APPROVED

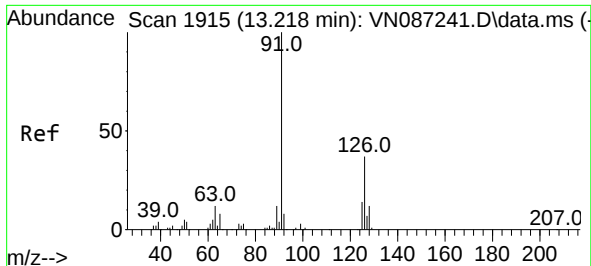
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.805 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Tgt Ion:105 Resp: 4712
Ion Ratio Lower Upper
105 100
120 48.3 25.3 75.8





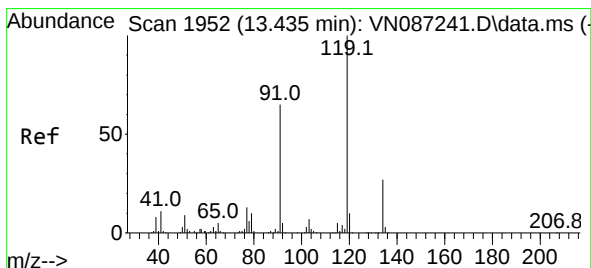
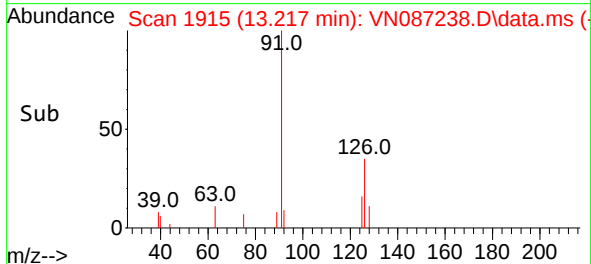
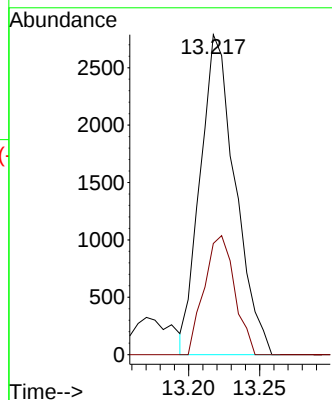
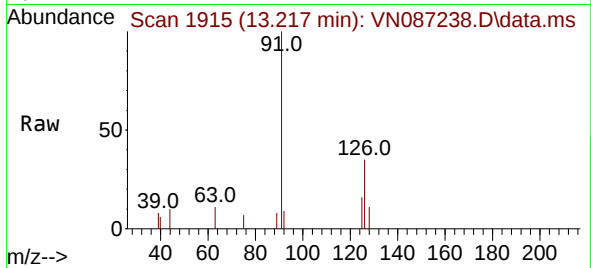
#82
4-Chlorotoluene
Concen: 0.906 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.001 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 4772
Ion Ratio Lower Upper
91 100
126 32.3 18.2 54.6

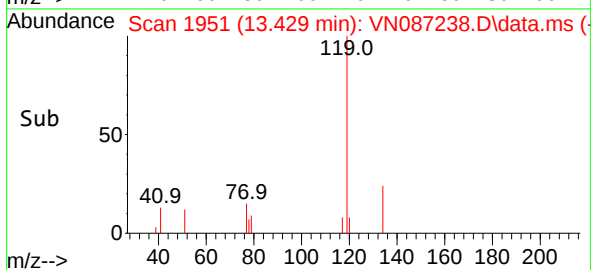
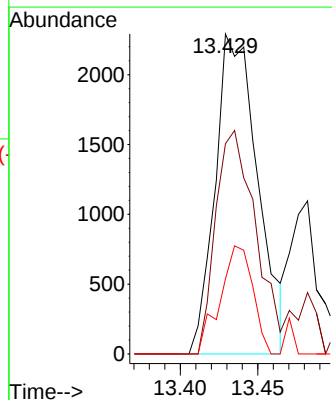
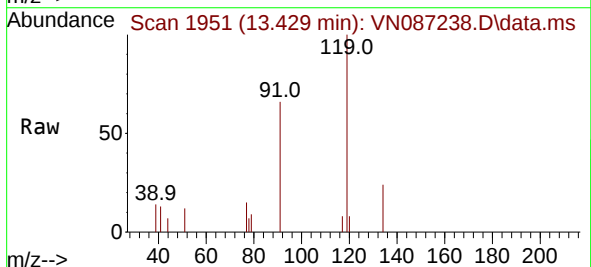
Manual Integrations
APPROVED

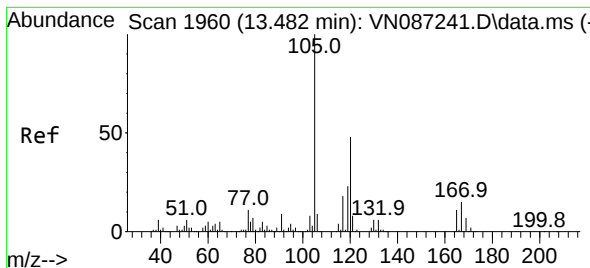
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#83
tert-Butylbenzene
Concen: 0.853 ug/l
RT: 13.429 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

Tgt Ion:119 Resp: 4372
Ion Ratio Lower Upper
119 100
91 65.5 32.5 97.4
134 26.0 14.2 42.8





#84

1,2,4-Trimethylbenzene

Concen: 0.743 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN087238.D

Acq: 30 Jun 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 4354

Ion Ratio Lower Upper

105 100

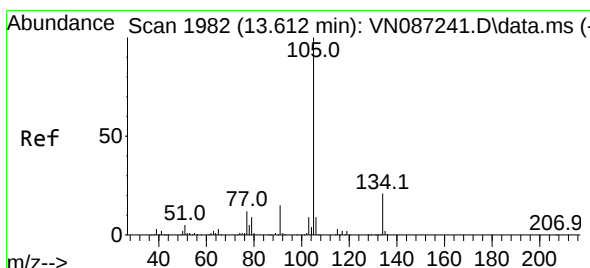
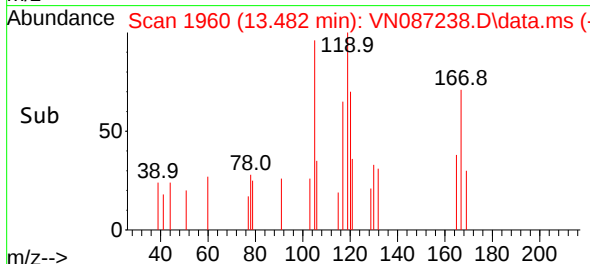
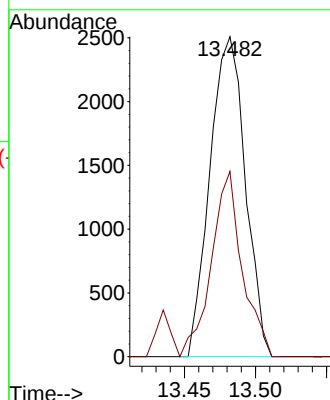
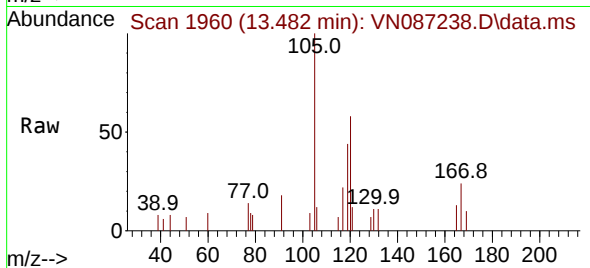
120 50.3 23.3 69.9

Manual Integrations

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Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#85

sec-Butylbenzene

Concen: 0.821 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN087238.D

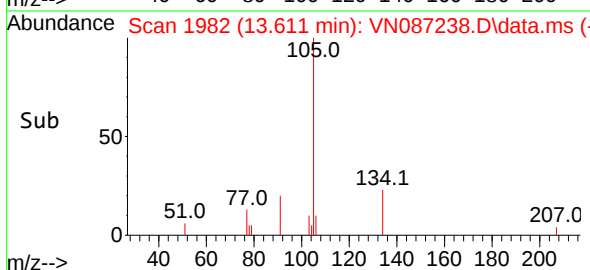
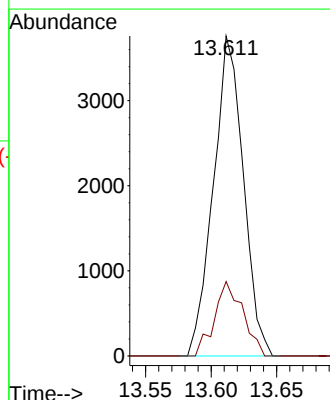
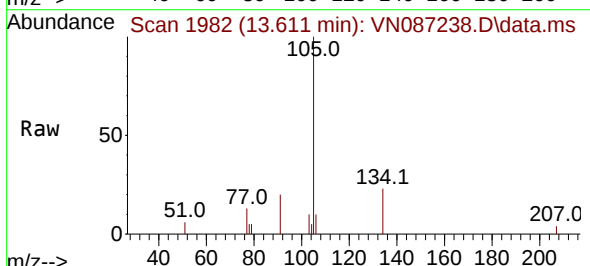
Acq: 30 Jun 2025 12:28

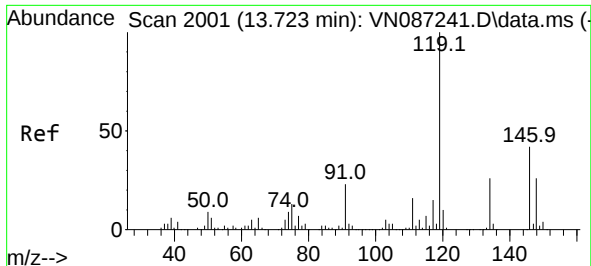
Tgt Ion:105 Resp: 5965

Ion Ratio Lower Upper

105 100

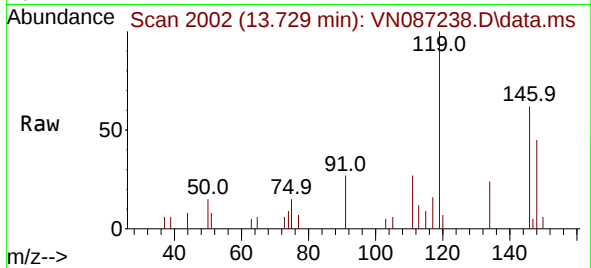
134 22.1 10.4 31.4





#86
p-Isopropyltoluene
Concen: 0.797 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

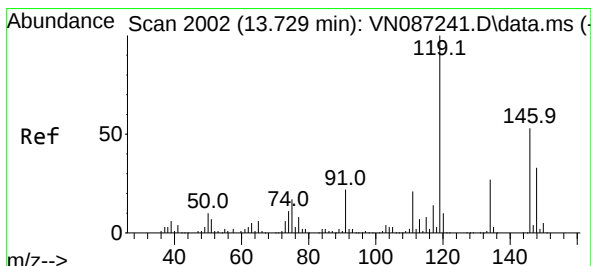
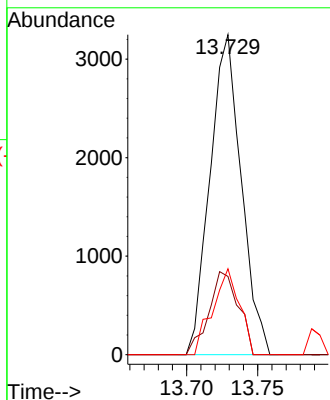
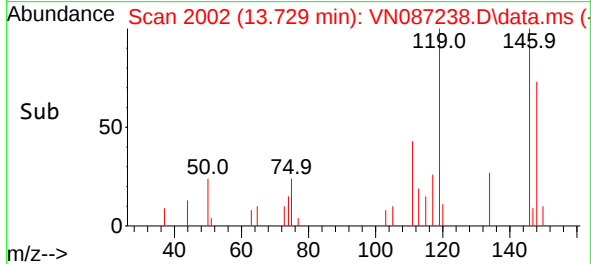
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



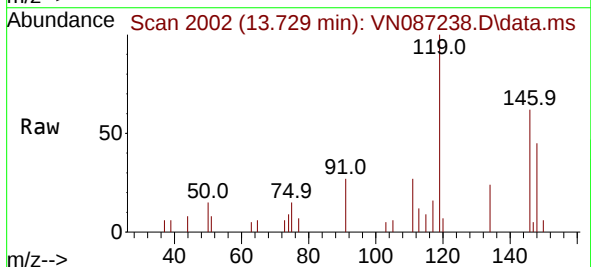
Tgt Ion:119 Resp: 4975
Ion Ratio Lower Upper
119 100
134 24.5 13.3 39.8
91 23.0 11.3 33.9

Manual Integrations
APPROVED

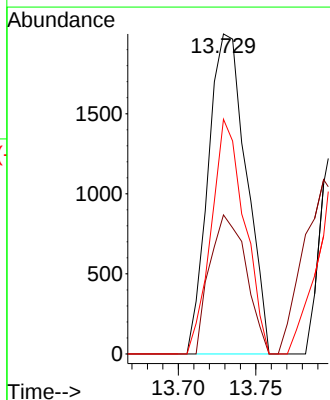
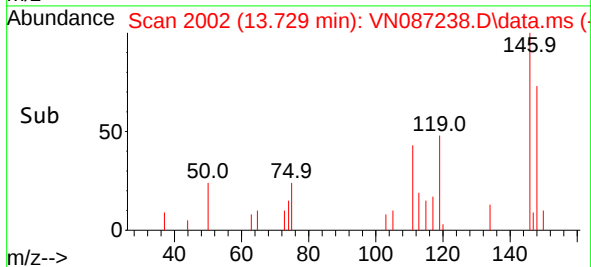
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

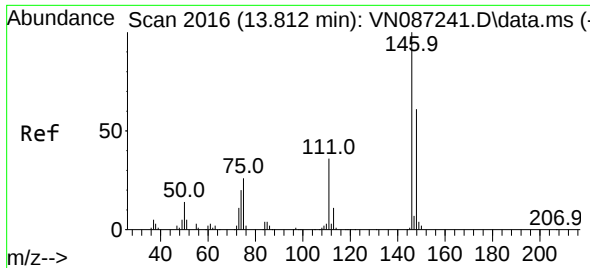


#87
1,3-Dichlorobenzene
Concen: 0.938 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



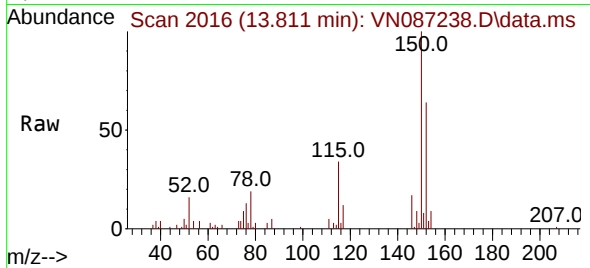
Tgt Ion:146 Resp: 3414
Ion Ratio Lower Upper
146 100
111 41.5 19.8 59.4
148 64.3 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 1.077 ug/l m
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28

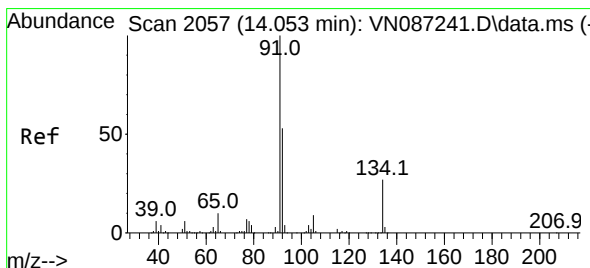
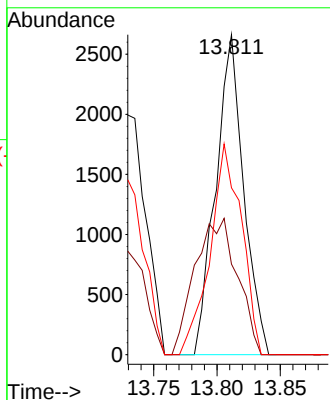
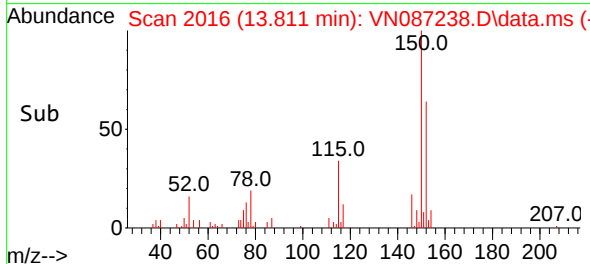
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



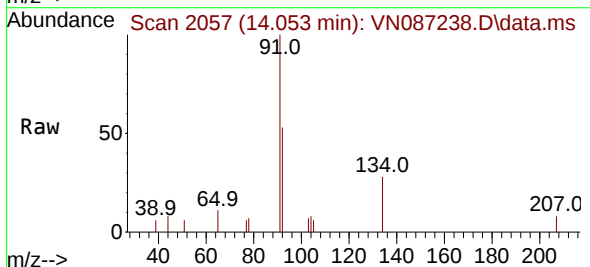
Tgt Ion:146 Resp: 409
Ion Ratio Lower Upper
146 100
111 34.7 19.1 57.5
148 53.6 31.8 95.3

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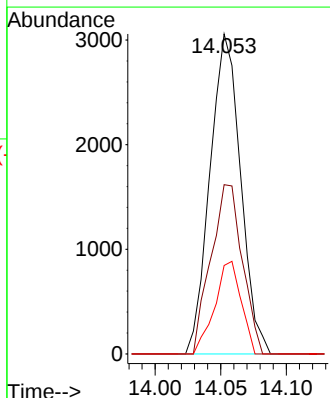
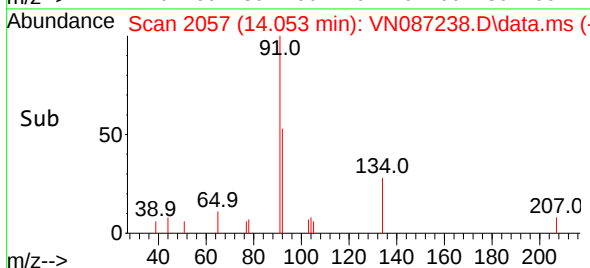
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

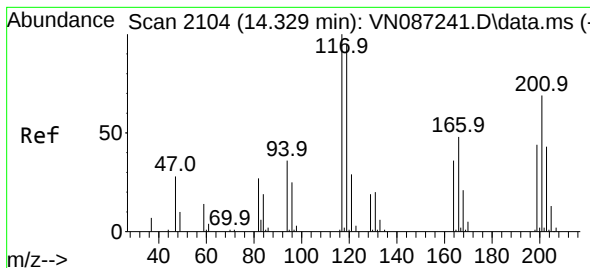


#89
n-Butylbenzene
Concen: 0.903 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087238.D
Acq: 30 Jun 2025 12:28



Tgt Ion: 91 Resp: 4965
Ion Ratio Lower Upper
91 100
92 54.2 26.7 80.0
134 24.9 13.7 41.1





#90

Hexachloroethane

Concen: 0.895 ug/l

RT: 14.341 min Scan# 2104

Delta R.T. 0.012 min

Lab File: VN087238.D

Acq: 30 Jun 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:117 Resp: 1034

Ion Ratio Lower Upper

117 100

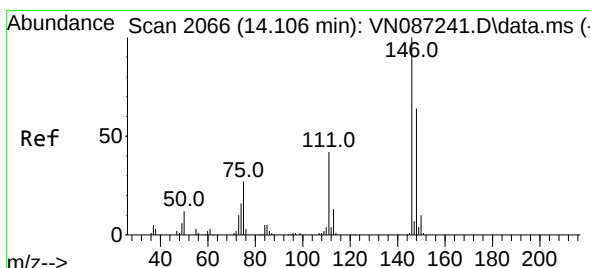
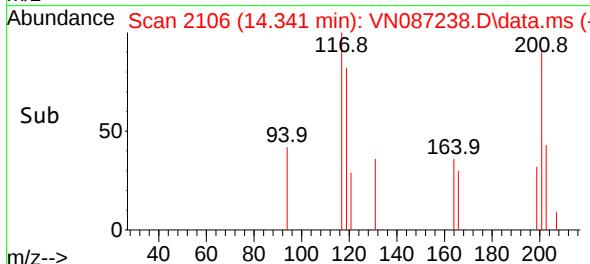
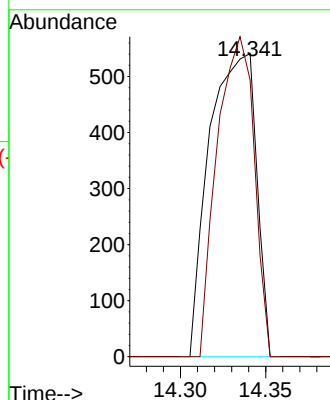
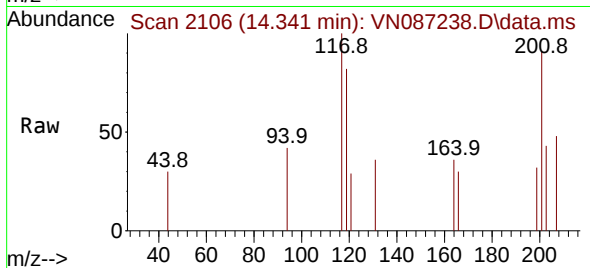
201 83.2 35.8 107.4

Manual Integrations

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Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#91

1,2-Dichlorobenzene

Concen: 0.922 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN087238.D

Acq: 30 Jun 2025 12:28

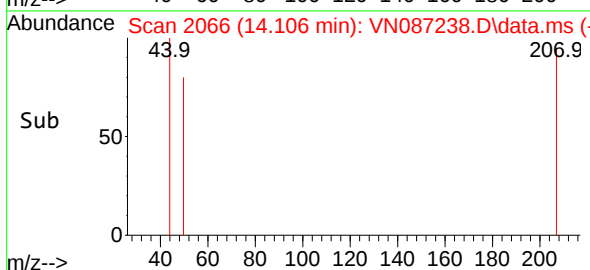
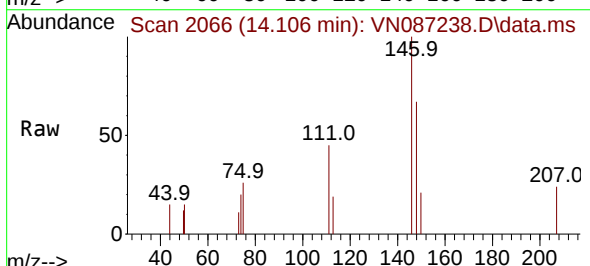
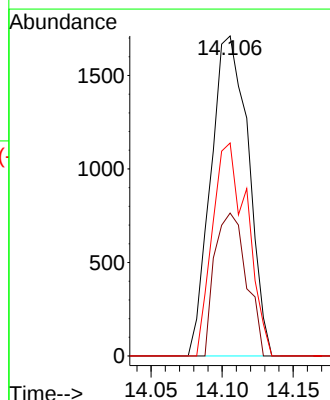
Tgt Ion:146 Resp: 3137

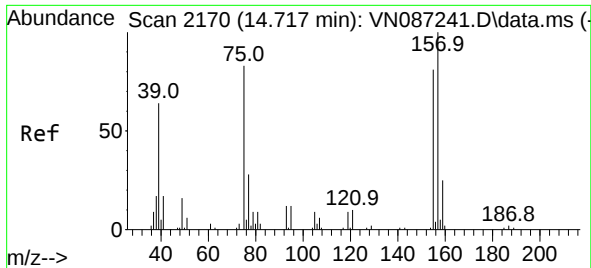
Ion Ratio Lower Upper

146 100

111 37.8 20.5 61.6

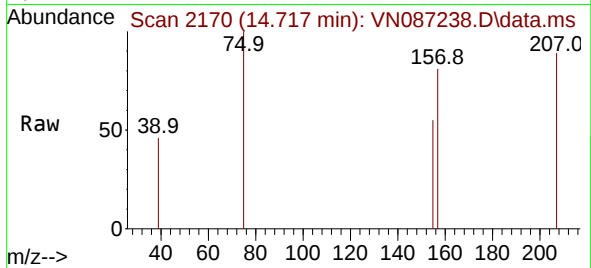
148 62.0 31.4 94.3





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.059 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN087238.D
 Acq: 30 Jun 2025 12:28

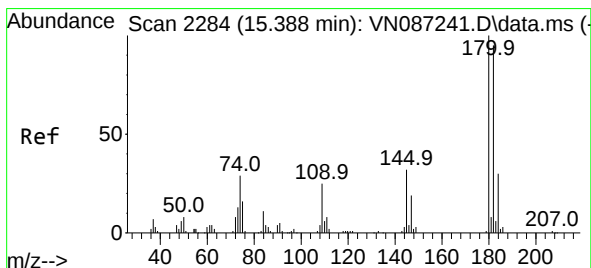
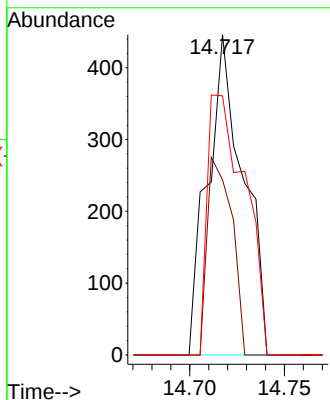
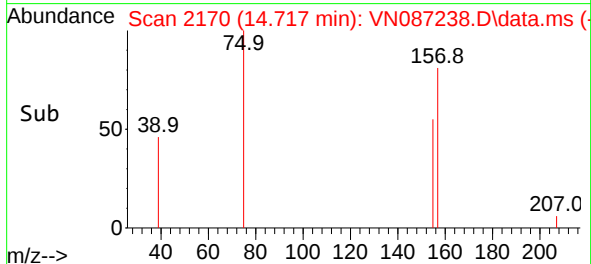
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



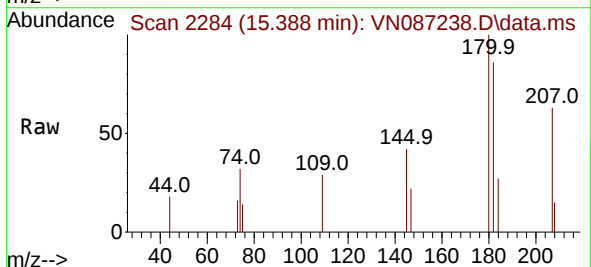
Tgt Ion: 75 Resp: 580
 Ion Ratio Lower Upper
 75 100
 155 42.5 46.8 140.3
 157 85.3 58.1 174.4

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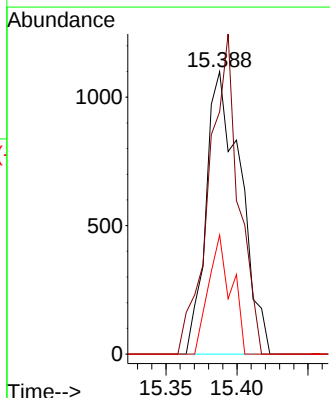
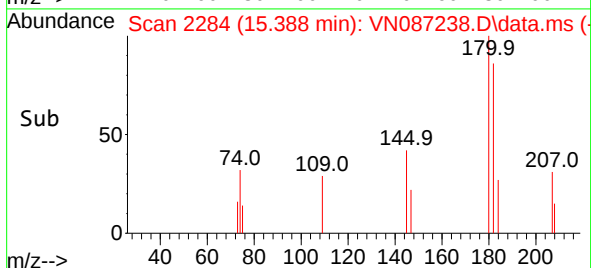
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025

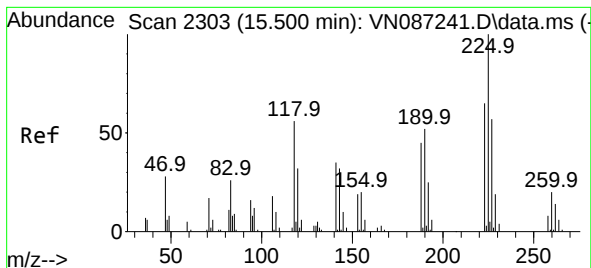


#93
 1,2,4-Trichlorobenzene
 Concen: 0.921 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: VN087238.D
 Acq: 30 Jun 2025 12:28



Tgt Ion:180 Resp: 1854
 Ion Ratio Lower Upper
 180 100
 182 97.4 48.0 144.0
 145 28.0 15.4 46.2





#94

Hexachlorobutadiene

Concen: 1.206 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN087238.D

Acq: 30 Jun 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

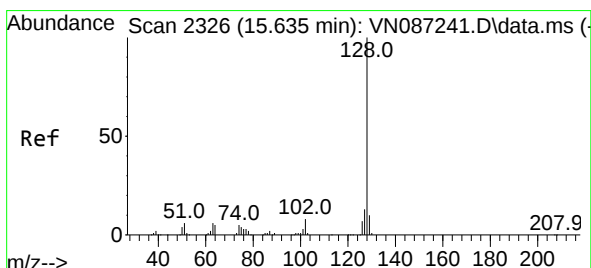
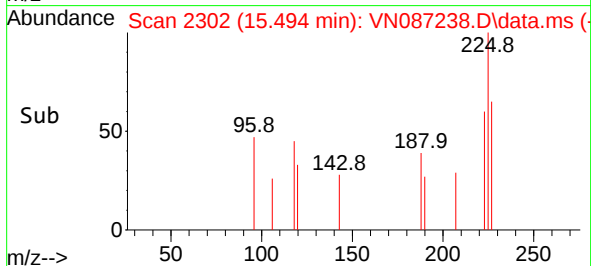
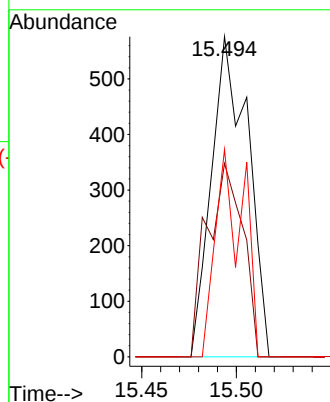
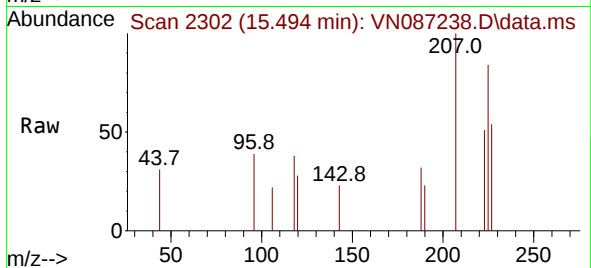
Tgt Ion:	225	Resp:	77
Ion Ratio	Lower	Upper	
225	100		
223	59.4	33.5	100.4
227	49.2	30.9	92.7

Manual Integrations

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Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#95

Naphthalene

Concen: 0.831 ug/l

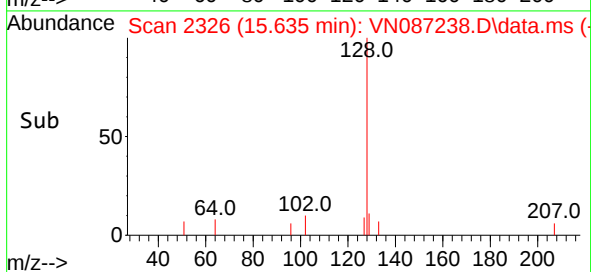
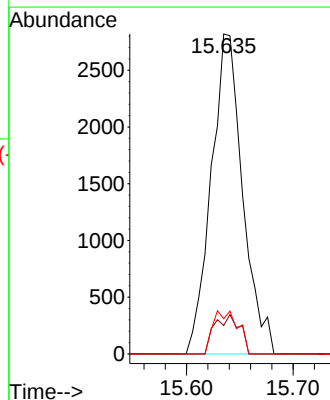
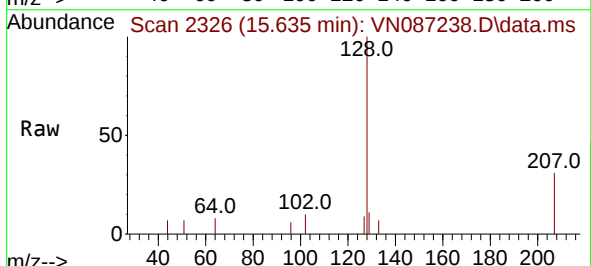
RT: 15.635 min Scan# 2326

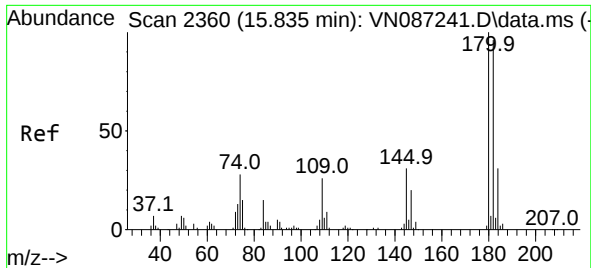
Delta R.T. -0.000 min

Lab File: VN087238.D

Acq: 30 Jun 2025 12:28

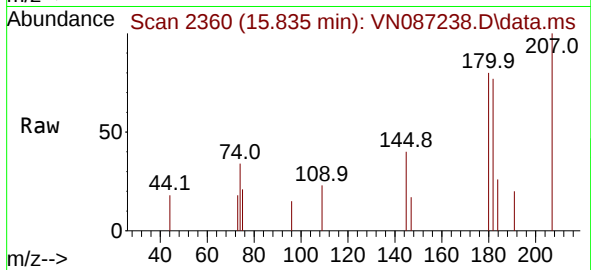
Tgt Ion:	128	Resp:	5787
Ion Ratio	Lower	Upper	
128	100		
127	9.8	10.3	15.5#
129	10.7	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.924 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087238.D
 Acq: 30 Jun 2025 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion:180 Resp: 181
 Ion Ratio Lower Upper
 180 100
 182 82.9 47.7 143.1
 145 34.5 15.7 47.1

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

