

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
 Data File : VN086206.D
 Acq On : 02 Apr 2025 14:18
 Operator : JC\MD
 Sample : VN0402WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2025
 Supervised By : Mahesh Dadoda 04/03/2025

Quant Time: Apr 03 01:35:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	119716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	188137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	173116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	93135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	89863	54.817	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.640%			
35) Dibromofluoromethane	8.159	113	61922	47.154	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.300%			
50) Toluene-d8	10.565	98	231022	48.474	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.940%			
62) 4-Bromofluorobenzene	12.847	95	91868	54.051	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32184	20.292	ug/l	94
3) Chloromethane	2.359	50	25219	18.137	ug/l	98
4) Vinyl Chloride	2.512	62	26664	18.755	ug/l	92
5) Bromomethane	2.965	94	15672	16.183	ug/l	97
6) Chloroethane	3.118	64	16956	18.906	ug/l	92
7) Trichlorofluoromethane	3.495	101	50149	19.623	ug/l	96
8) Diethyl Ether	3.959	74	13355	17.070	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	25038	18.434	ug/l	100
10) Methyl Iodide	4.594	142	29733	16.800	ug/l	91
11) Tert butyl alcohol	5.512	59	22267	95.938	ug/l	98
12) 1,1-Dichloroethene	4.342	96	21845	17.811	ug/l	97
13) Acrolein	4.183	56	4548	18.372	ug/l	99
14) Allyl chloride	5.024	41	23953	15.654	ug/l	90
15) Acrylonitrile	5.718	53	50436	82.281	ug/l	97
16) Acetone	4.424	43	46410	92.667	ug/l #	85
17) Carbon Disulfide	4.706	76	61323	15.203	ug/l	98
18) Methyl Acetate	5.018	43	29548	23.846	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	81082	20.174	ug/l	98
20) Methylene Chloride	5.277	84	24558	16.762	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	23735	17.708	ug/l	93
22) Diisopropyl ether	6.671	45	54656	16.762	ug/l	96
23) Vinyl Acetate	6.600	43	237705	96.168	ug/l	95
24) 1,1-Dichloroethane	6.571	63	42333	17.656	ug/l	99
25) 2-Butanone	7.483	43	61161	84.633	ug/l	99
26) 2,2-Dichloropropane	7.483	77	44276	19.180	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	28418	18.657	ug/l	99
28) Bromochloromethane	7.806	49	17317	17.047	ug/l	86
29) Tetrahydrofuran	7.835	42	37498	84.048	ug/l	88
30) Chloroform	7.959	83	51253	19.339	ug/l	92
31) Cyclohexane	8.253	56	34484	16.882	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	50529	20.141	ug/l	93
36) 1,1-Dichloropropene	8.371	75	31696	18.331	ug/l	99
37) Ethyl Acetate	7.553	43	22419	15.369	ug/l #	93
38) Carbon Tetrachloride	8.359	117	46949	20.650	ug/l	95
39) Methylcyclohexane	9.600	83	33076	19.280	ug/l	99
40) Benzene	8.600	78	102009	18.793	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	13866	19.906	ug/l	95
42) 1,2-Dichloroethane	8.671	62	40754	21.547	ug/l	99
43) Isopropyl Acetate	8.688	43	64220	20.316	ug/l #	86
44) Trichloroethene	9.347	130	26934	19.145	ug/l	94
45) 1,2-Dichloropropane	9.618	63	21082	17.076	ug/l	95
46) Dibromomethane	9.706	93	19398	19.979	ug/l	96
47) Bromodichloromethane	9.882	83	40901	20.156	ug/l	98
48) Methyl methacrylate	9.677	41	19473	18.668	ug/l	94
49) 1,4-Dioxane	9.688	88	9808	397.748	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	131274	94.164	ug/l	99
52) Toluene	10.629	92	66265	19.890	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	39866	20.230	ug/l	94
54) cis-1,3-Dichloropropene	10.306	75	40346	19.405	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	25372	19.954	ug/l	91
56) Ethyl methacrylate	10.871	69	35247	20.255	ug/l	96
57) 1,3-Dichloropropane	11.159	76	40895	18.935	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	71053	107.437	ug/l	95
59) 2-Hexanone	11.194	43	97868	96.366	ug/l	98
60) Dibromochloromethane	11.353	129	31571	19.241	ug/l	97
61) 1,2-Dibromoethane	11.470	107	25451	19.497	ug/l	97
64) Tetrachloroethene	11.100	164	29748	21.542	ug/l	95
65) Chlorobenzene	11.888	112	72266	18.243	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	29054	19.730	ug/l	97
67) Ethyl Benzene	11.965	91	124354	19.624	ug/l	99
68) m/p-Xylenes	12.070	106	96887	38.901	ug/l	97
69) o-Xylene	12.394	106	47090	20.600	ug/l	100
70) Styrene	12.412	104	78932	20.216	ug/l	97
71) Bromoform	12.576	173	23324	18.947	ug/l #	100
73) Isopropylbenzene	12.694	105	116021	18.242	ug/l	97
74) N-amyl acetate	12.494	43	38025	17.870	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	32876	15.279	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	35640m	17.093	ug/l	
77) Bromobenzene	12.976	156	32543	18.350	ug/l	94
78) n-propylbenzene	13.035	91	134167	18.630	ug/l	100
79) 2-Chlorotoluene	13.123	91	89973	18.809	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	106394	19.814	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	12663	16.056	ug/l #	78
82) 4-Chlorotoluene	13.217	91	93054	18.917	ug/l	98
83) tert-Butylbenzene	13.435	119	85199	18.552	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	107507	19.850	ug/l	100
85) sec-Butylbenzene	13.612	105	112664	18.805	ug/l	98
86) p-Isopropyltoluene	13.723	119	99184	19.557	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	59398	18.581	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	59245	17.640	ug/l	97
89) n-Butylbenzene	14.053	91	78109	18.913	ug/l	98
90) Hexachloroethane	14.329	117	17404	14.872	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	56663	17.831	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8717	20.295	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	32189	20.145	ug/l	98
94) Hexachlorobutadiene	15.500	225	16824	18.149	ug/l	99
95) Naphthalene	15.635	128	94584	20.443	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	29816	19.666	ug/l	99

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MSVOA_N
ClientSampleId :
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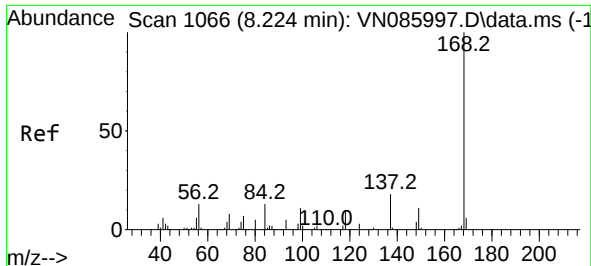
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/03/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

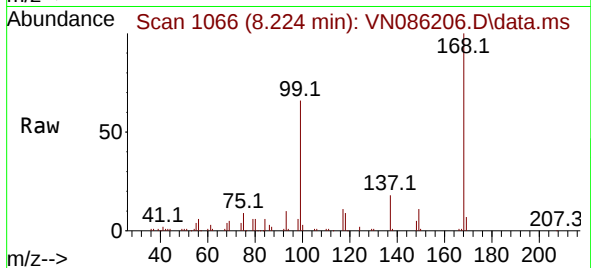
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086206.D
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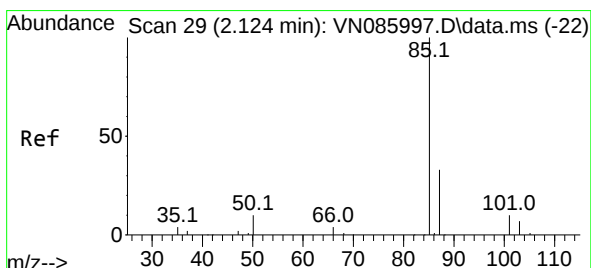
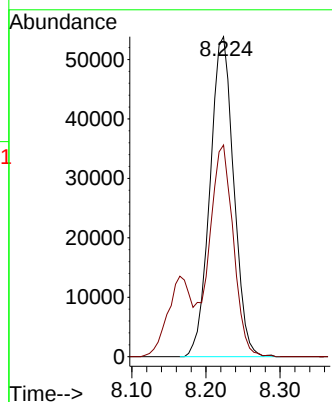
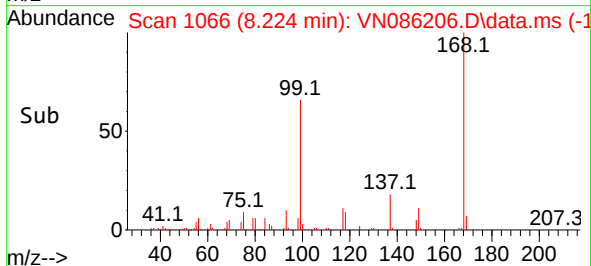
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



Tgt Ion:168 Resp: 119710
Ion Ratio Lower Upper
168 100
99 66.2 49.4 74.2

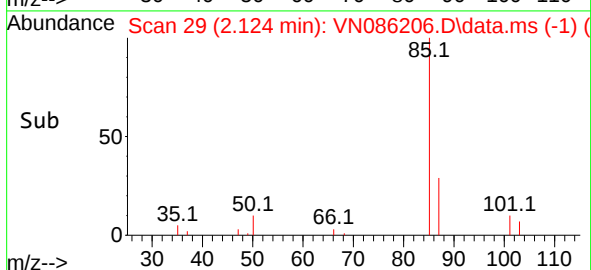
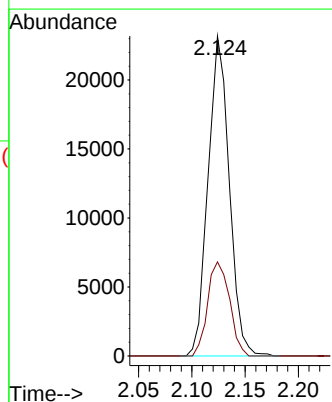
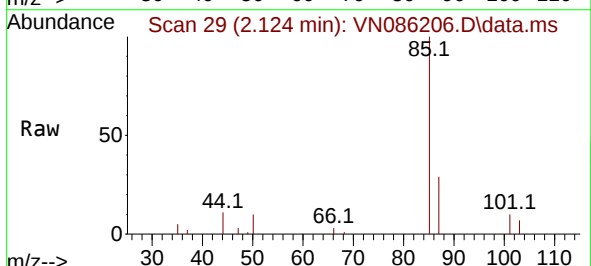
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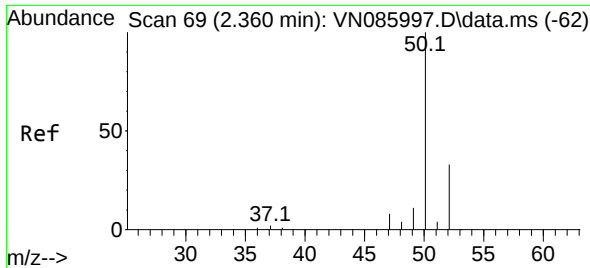
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#2
Dichlorodifluoromethane
Concen: 20.292 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

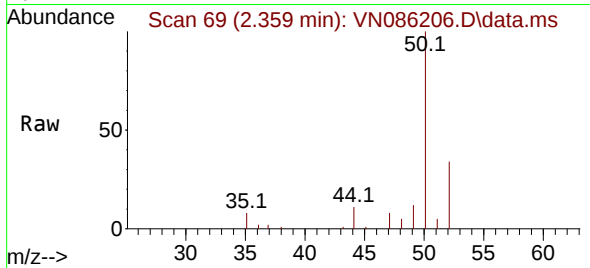
Tgt Ion: 85 Resp: 32184
Ion Ratio Lower Upper
85 100
87 29.4 16.5 49.5





#3
Chloromethane
Concen: 18.137 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

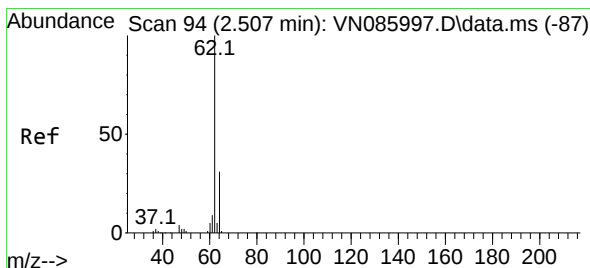
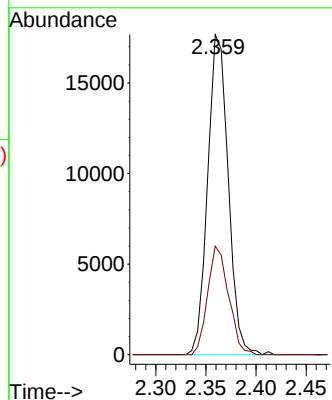
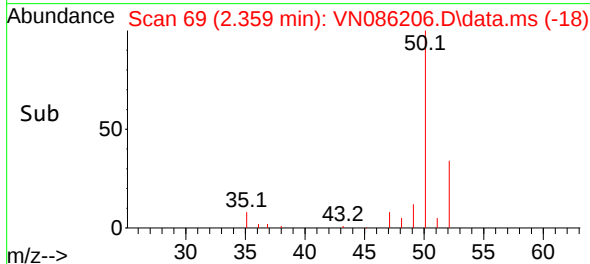
Instrument :
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Tgt Ion: 50 Resp: 25219
Ion Ratio Lower Upper
50 100
52 33.9 26.0 39.0

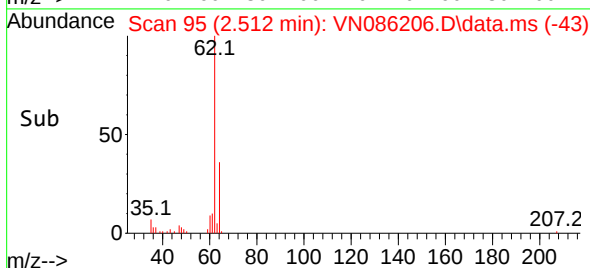
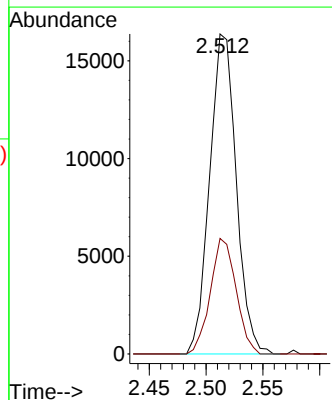
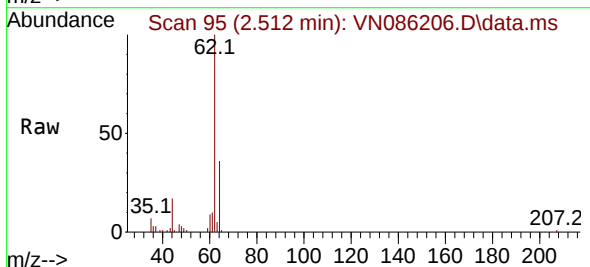
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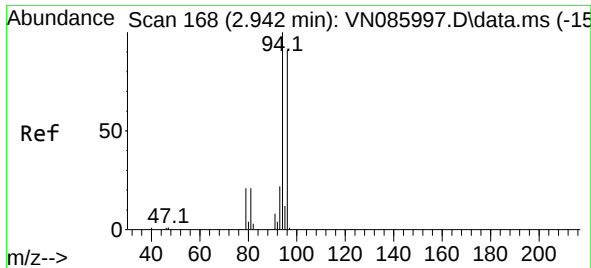
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#4
Vinyl Chloride
Concen: 18.755 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

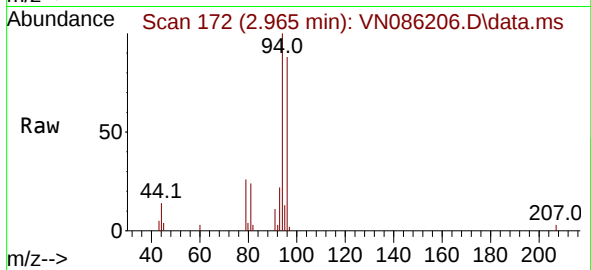
Tgt Ion: 62 Resp: 26664
Ion Ratio Lower Upper
62 100
64 36.1 25.2 37.8





#5
Bromomethane
Concen: 16.183 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

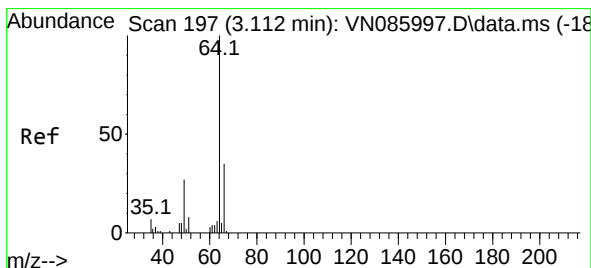
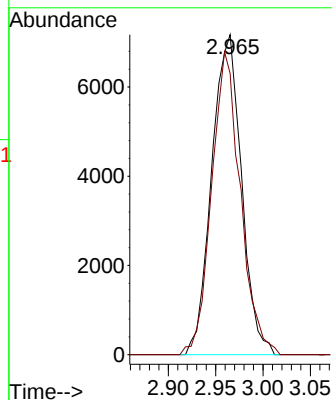
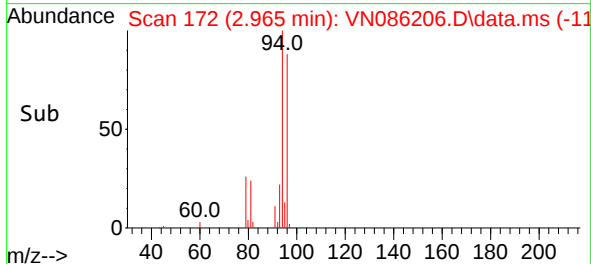
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Tgt Ion: 94 Resp: 15672
Ion Ratio Lower Upper
94 100
96 87.9 72.8 109.2

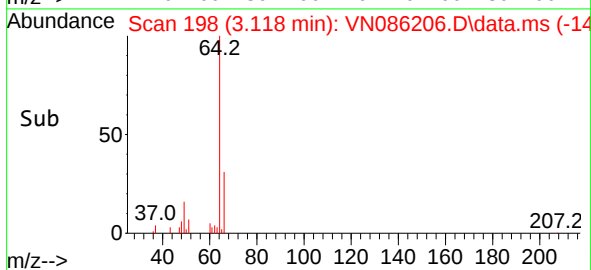
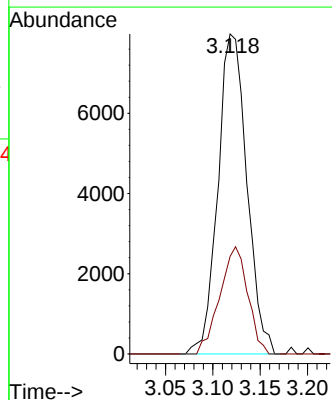
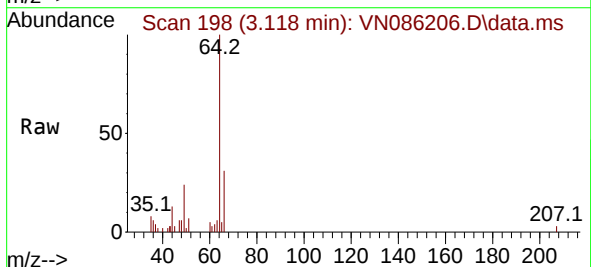
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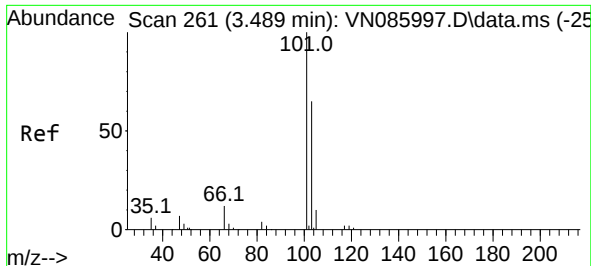
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#6
Chloroethane
Concen: 18.906 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Tgt Ion: 64 Resp: 16956
Ion Ratio Lower Upper
64 100
66 30.5 28.3 42.5





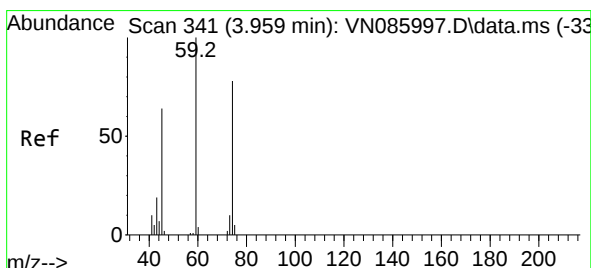
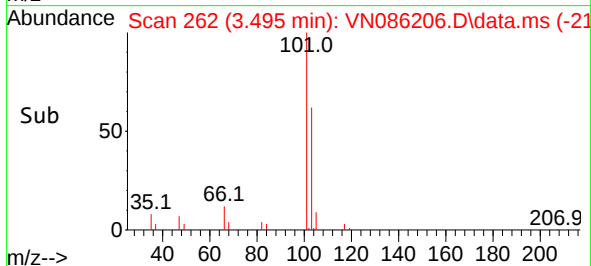
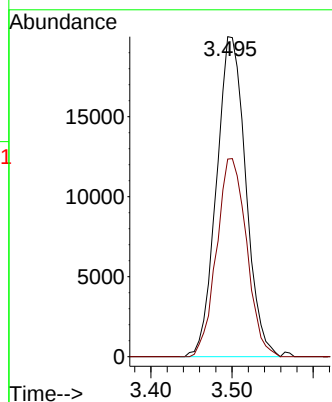
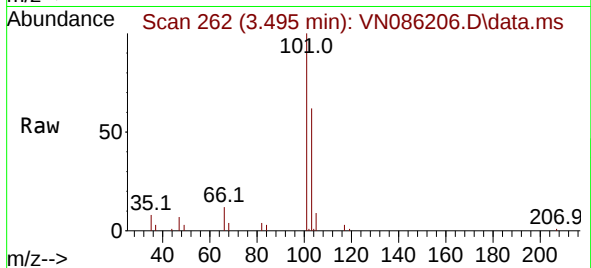
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 Trichlorofluoromethane
 Concen: 19.623 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. 0.006 min
 Lab File: VN086206.D
 Acq: 02 Apr 2025 14:18

Instrument :
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 VN0402WBSD01

Tgt Ion:101 Resp: 50149
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.7 77.5

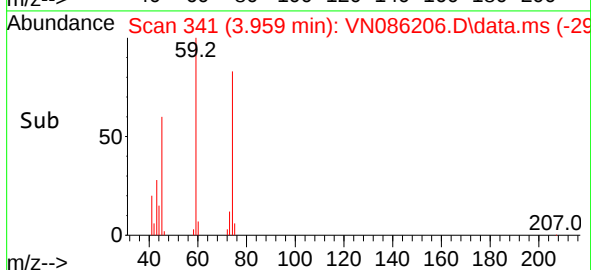
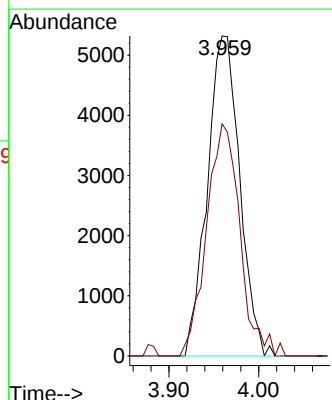
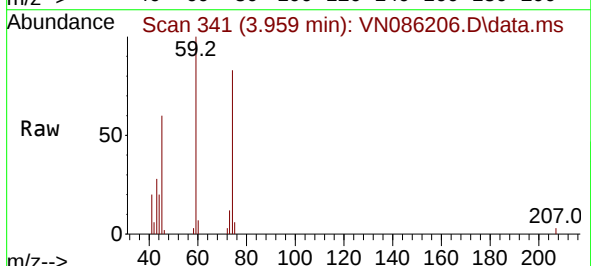
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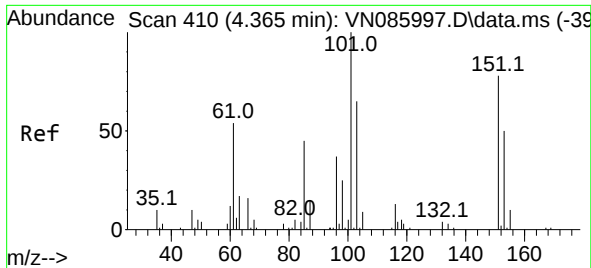
Reviewed By :John Carlone 04/03/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#8
 Diethyl Ether
 Concen: 17.070 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086206.D
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Tgt Ion: 74 Resp: 13355
 Ion Ratio Lower Upper
 74 100
 45 74.6 38.0 113.9





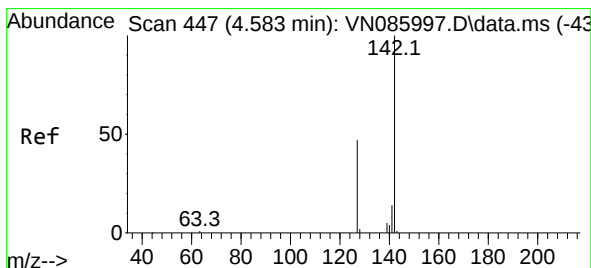
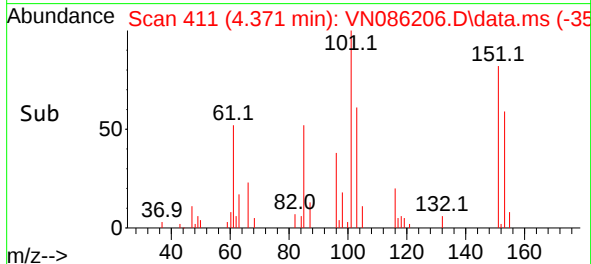
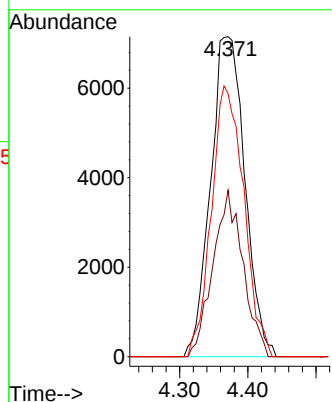
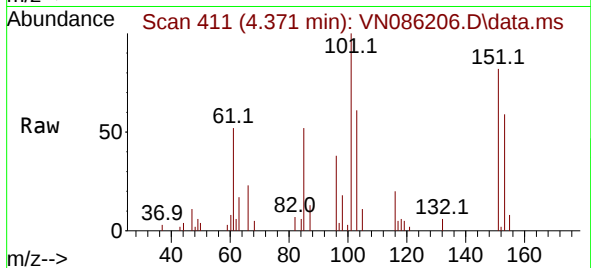
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.434 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01

Tgt Ion:101 Resp: 25038
Ion Ratio Lower Upper
101 100
85 45.6 36.5 54.7
151 79.8 63.4 95.0

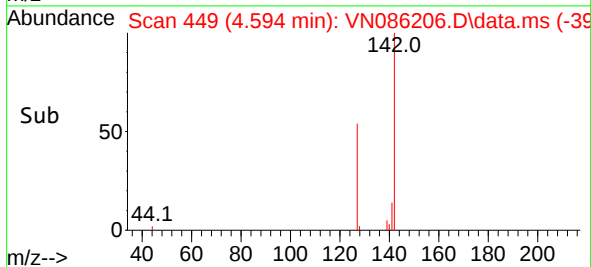
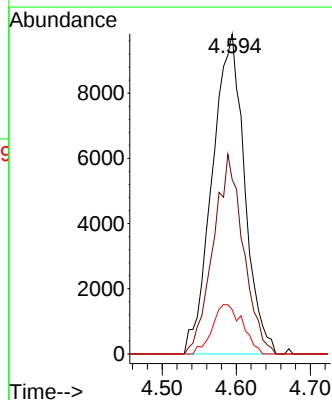
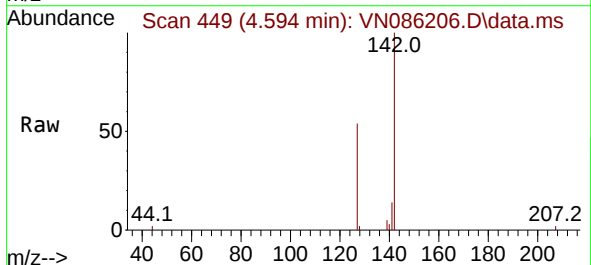
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#10
Methyl Iodide
Concen: 16.800 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

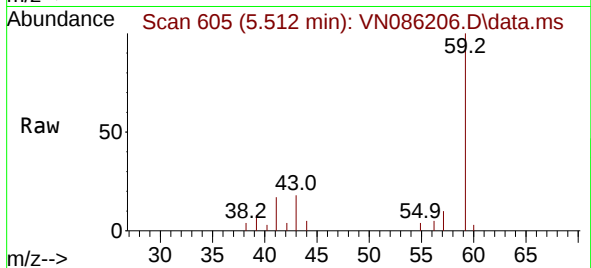
Tgt Ion:142 Resp: 29733
Ion Ratio Lower Upper
142 100
127 54.4 37.5 56.3
141 13.9 11.0 16.6





#11
Tert butyl alcohol
Concen: 95.938 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

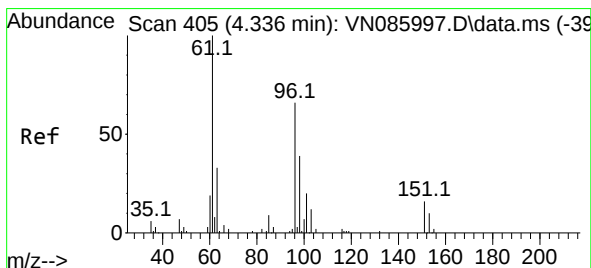
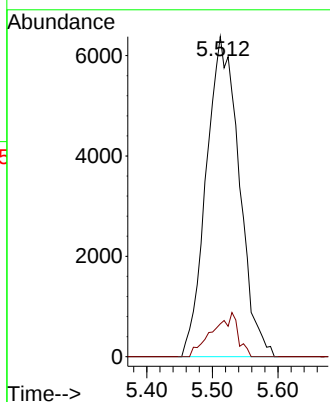
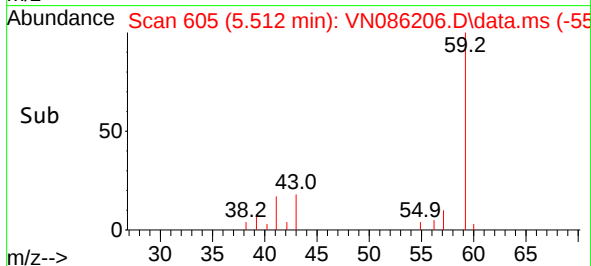
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



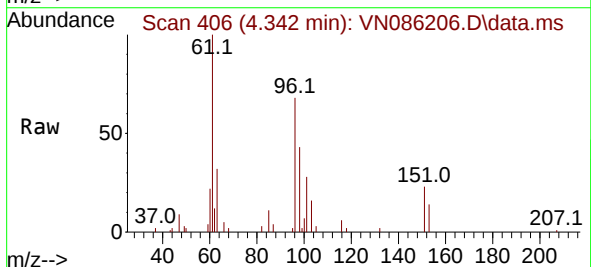
Tgt Ion: 59 Resp: 2226
Ion Ratio Lower Upper
59 100
57 10.7 7.9 11.9

Manual Integrations
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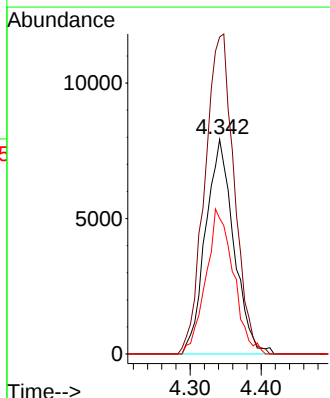
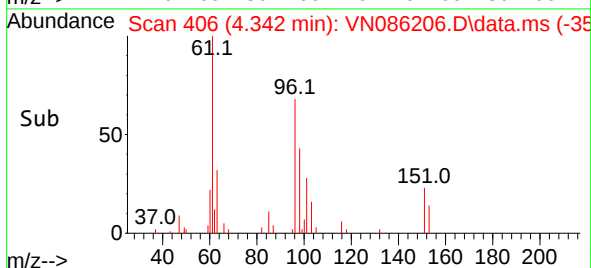
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

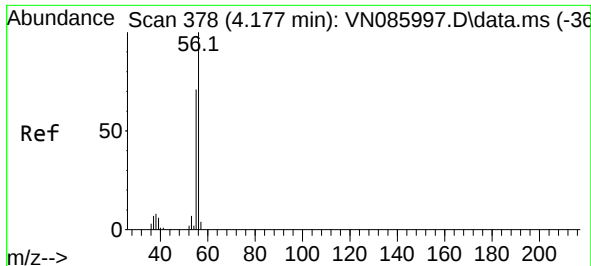


#12
1,1-Dichloroethene
Concen: 17.811 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18



Tgt Ion: 96 Resp: 21845
Ion Ratio Lower Upper
96 100
61 147.7 120.5 180.7
98 63.2 47.4 71.0





#13

Acrolein

Concen: 18.372 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN086206.D

Acq: 02 Apr 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBSD01

Tgt Ion: 56 Resp: 454

Ion Ratio Lower Upper

56 100

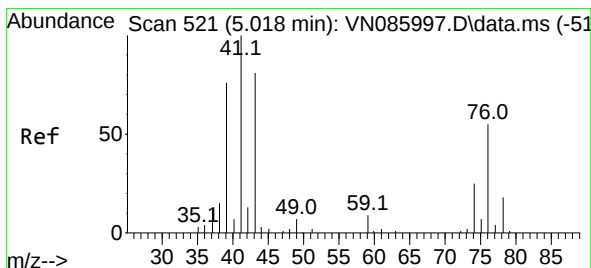
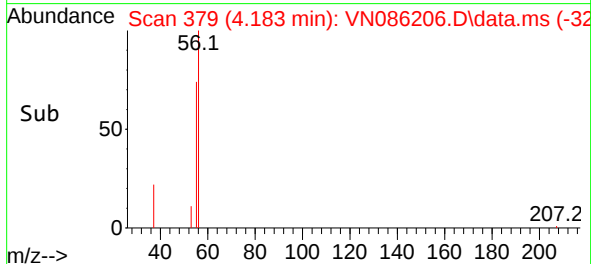
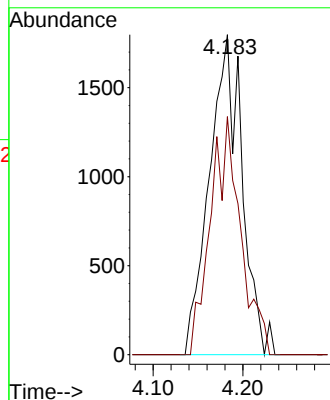
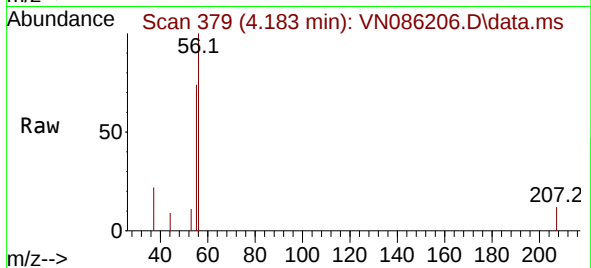
55 68.2 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#14

Allyl chloride

Concen: 15.654 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN086206.D

Acq: 02 Apr 2025 14:18

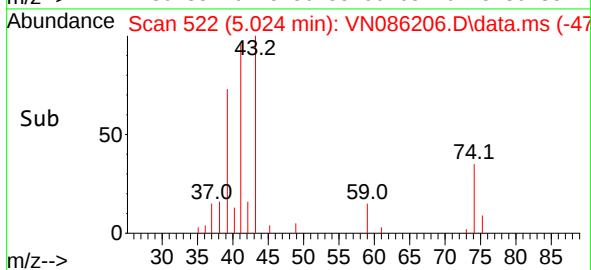
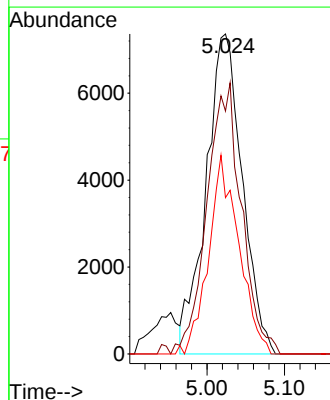
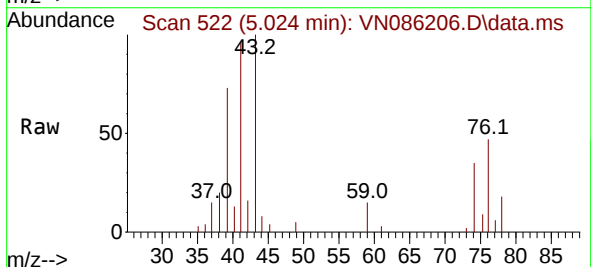
Tgt Ion: 41 Resp: 23953

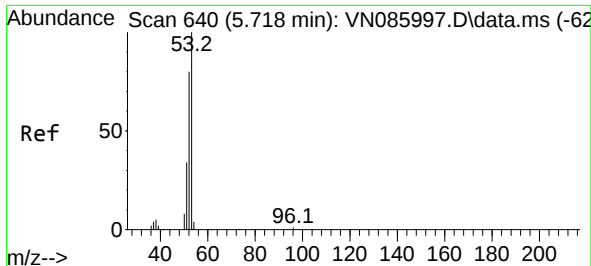
Ion Ratio Lower Upper

41 100

39 80.6 55.5 83.3

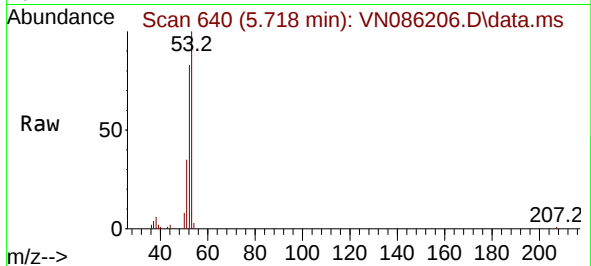
76 51.9 39.1 58.7





#15
Acrylonitrile
Concen: 82.281 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

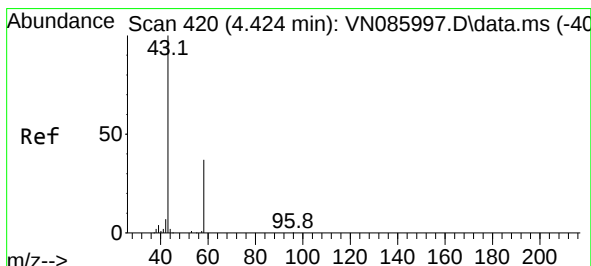
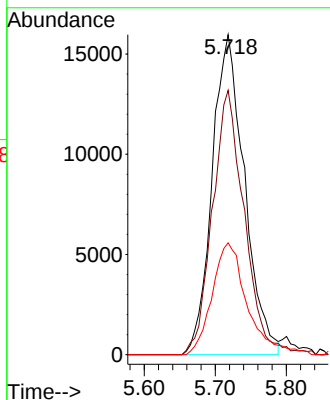
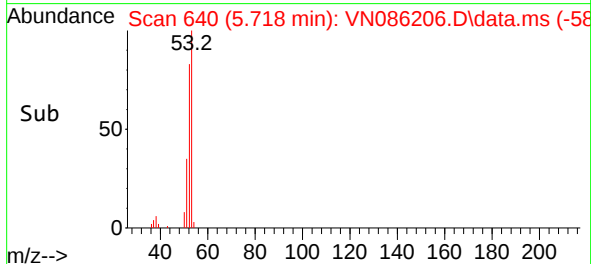
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



Tgt Ion: 53 Resp: 50430
Ion Ratio Lower Upper
53 100
52 81.6 63.9 95.9
51 37.9 27.1 40.7

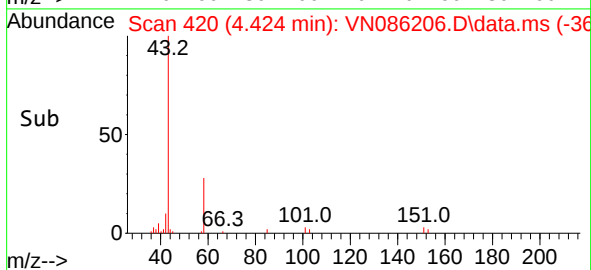
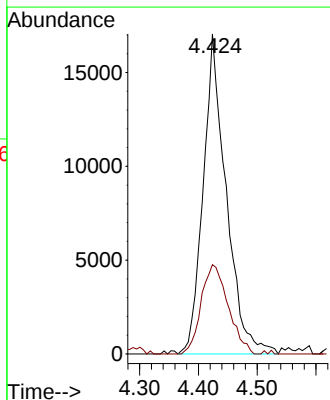
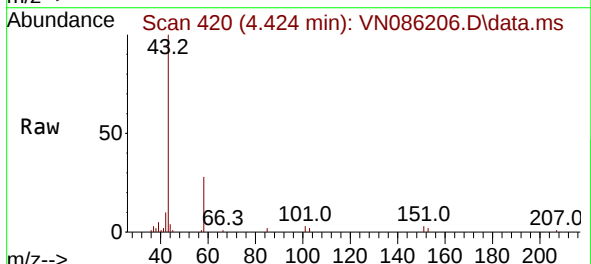
Manual Integrations
APPROVED

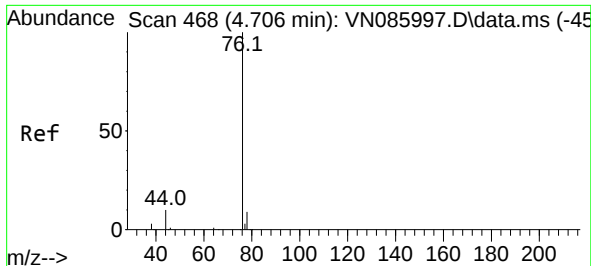
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#16
Acetone
Concen: 92.667 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

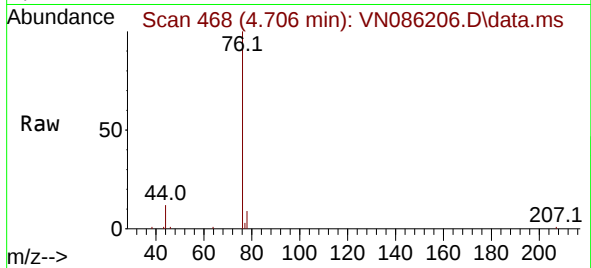
Tgt Ion: 43 Resp: 46410
Ion Ratio Lower Upper
43 100
58 27.9 29.4 44.2#





#17
Carbon Disulfide
Concen: 15.203 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

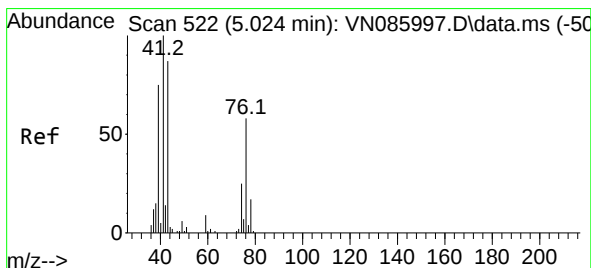
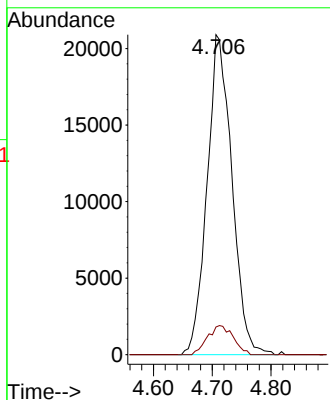
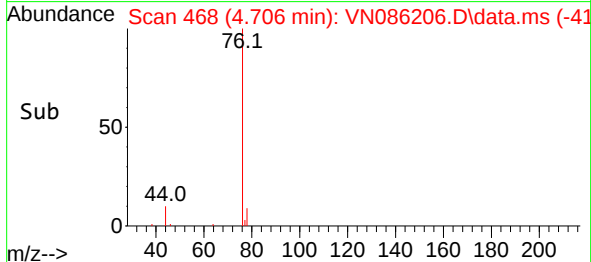
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



Tgt Ion: 76 Resp: 6132
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

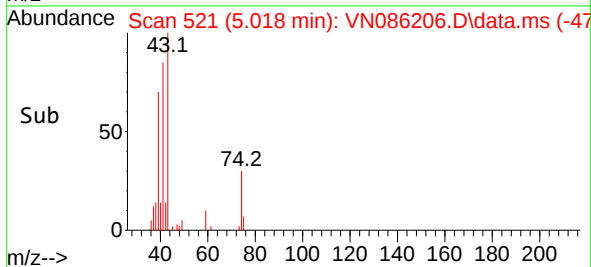
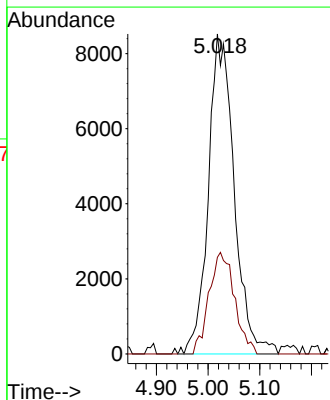
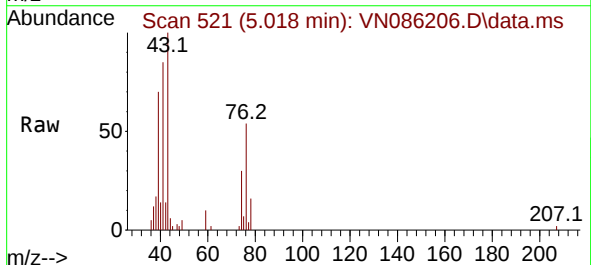
Manual Integrations
APPROVED

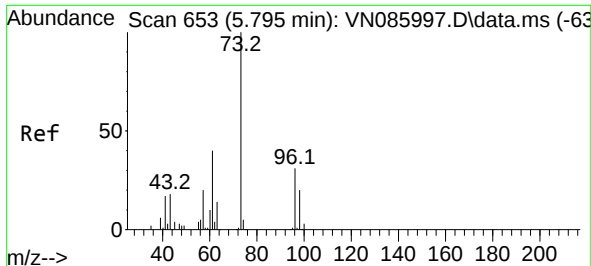
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#18
Methyl Acetate
Concen: 23.846 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Tgt Ion: 43 Resp: 29548
Ion Ratio Lower Upper
43 100
74 31.4 23.9 35.9





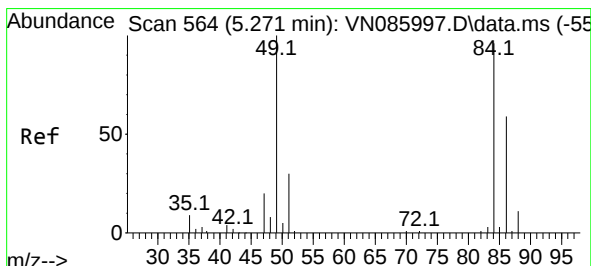
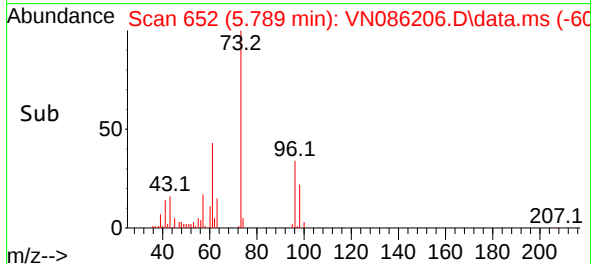
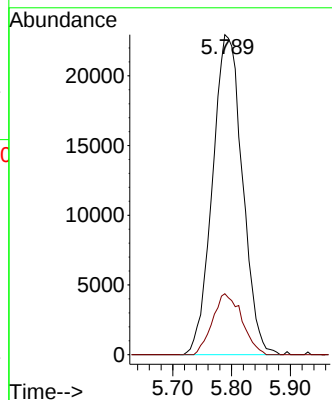
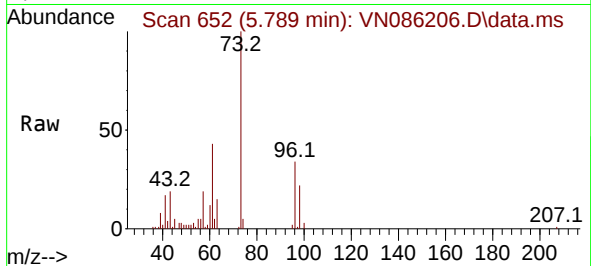
#19
Methyl tert-butyl Ether
Concen: 20.174 ug/l
RT: 5.789 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01

Tgt Ion: 73 Resp: 8108
Ion Ratio Lower Upper
73 100
57 19.1 16.1 24.1

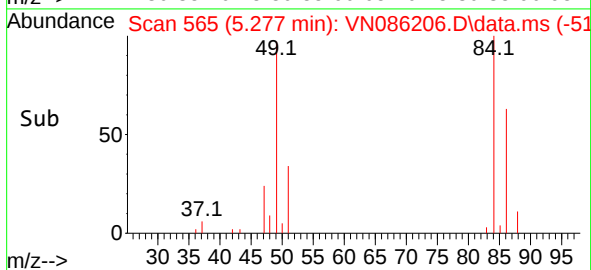
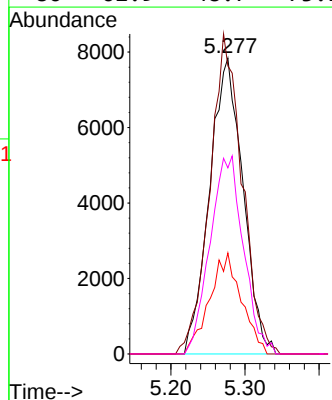
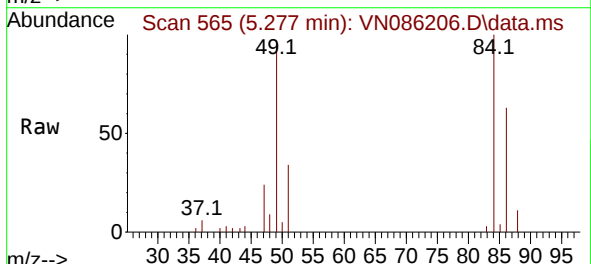
Manual Integrations
APPROVED

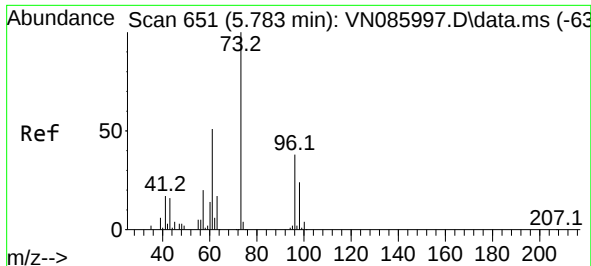
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#20
Methylene Chloride
Concen: 16.762 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

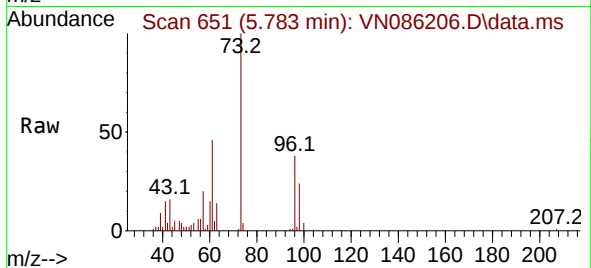
Tgt Ion: 84 Resp: 24558
Ion Ratio Lower Upper
84 100
49 97.4 83.3 124.9
51 34.2 24.8 37.2
86 62.9 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 17.708 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

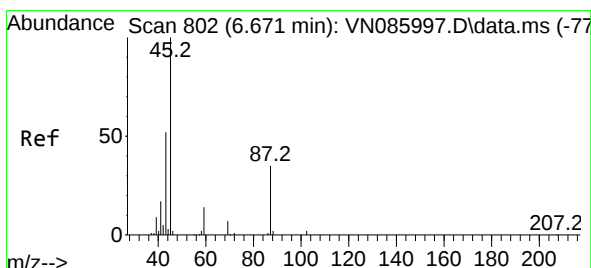
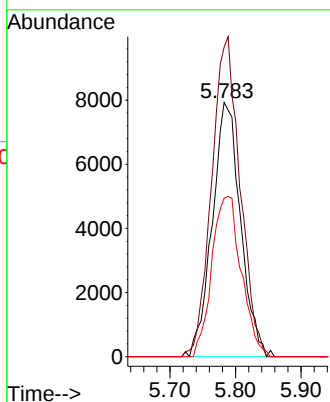
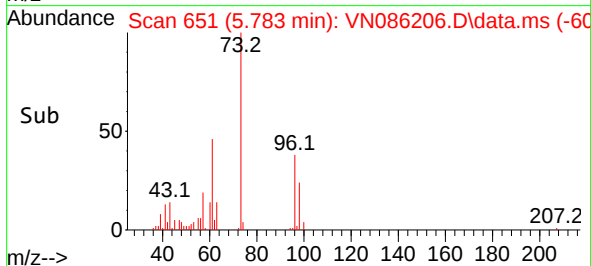
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



Tgt Ion: 96 Resp: 23735
Ion Ratio Lower Upper
96 100
61 121.7 106.6 160.0
98 62.4 50.0 75.0

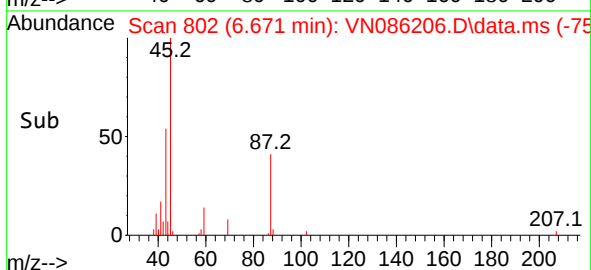
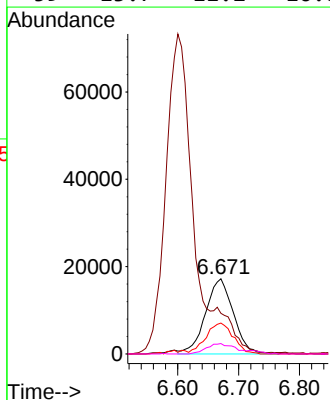
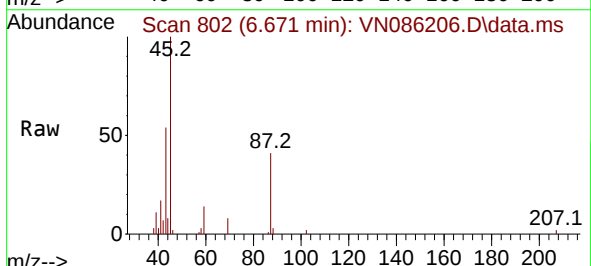
Manual Integrations
APPROVED

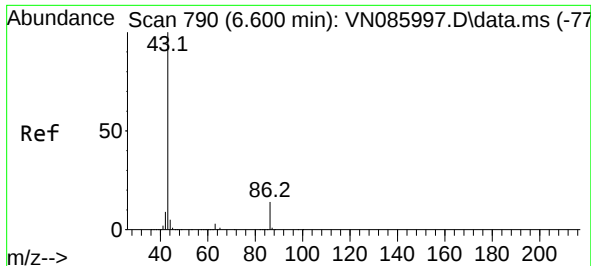
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#22
Diisopropyl ether
Concen: 16.762 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

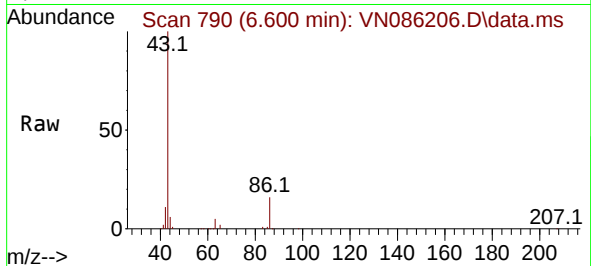
Tgt Ion: 45 Resp: 54656
Ion Ratio Lower Upper
45 100
43 52.3 41.2 61.8
87 41.1 28.5 42.7
59 13.7 11.2 16.8





#23
 Vinyl Acetate
 Concen: 96.168 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086206.D
 Acq: 02 Apr 2025 14:18

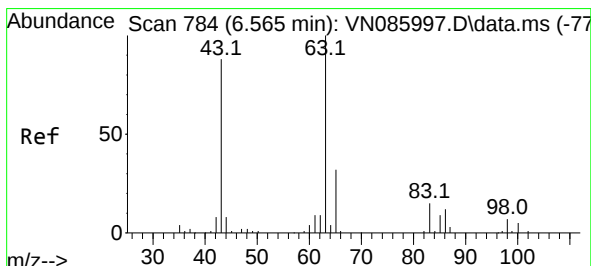
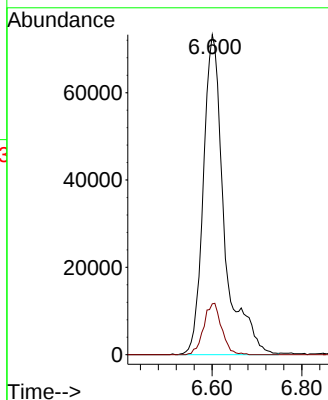
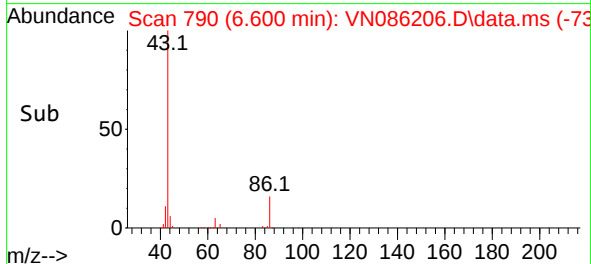
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBSD01



Tgt Ion: 43 Resp: 23770
 Ion Ratio Lower Upper
 43 100
 86 15.9 11.2 16.8

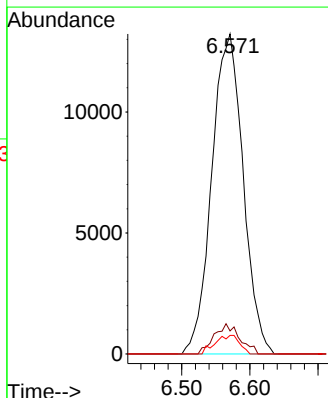
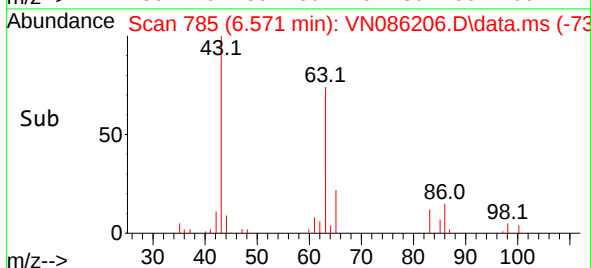
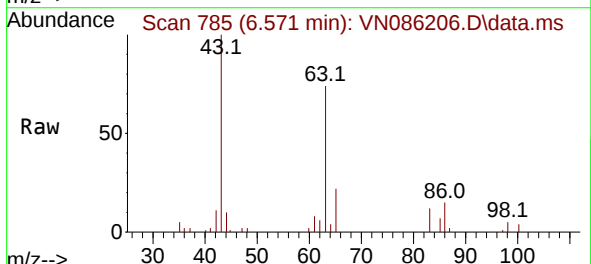
Manual Integrations
 APPROVED

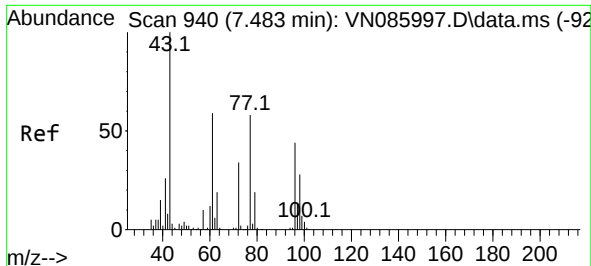
Reviewed By :John Carlone 04/03/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#24
 1,1-Dichloroethane
 Concen: 17.656 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086206.D
 Acq: 02 Apr 2025 14:18

Tgt Ion: 63 Resp: 42333
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 5.8 2.5 7.5





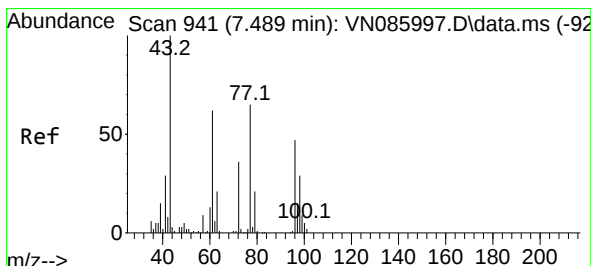
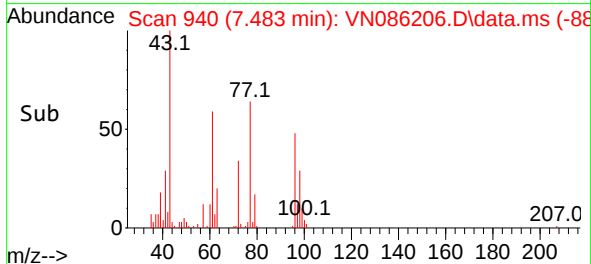
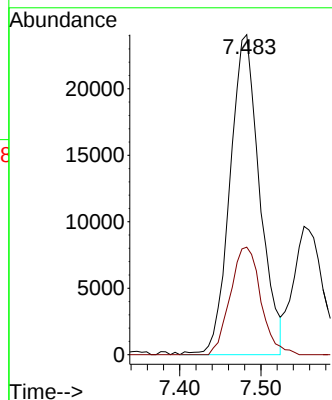
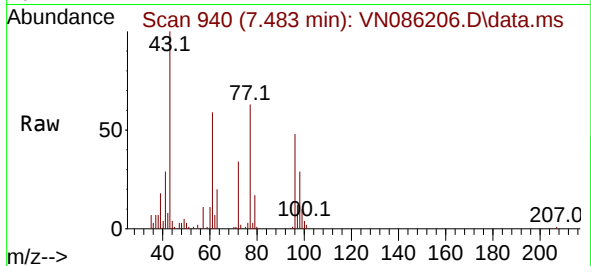
#25
2-Butanone
Concen: 84.633 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01

Tgt Ion: 43 Resp: 6116
Ion Ratio Lower Upper
43 100
72 33.6 27.4 41.0

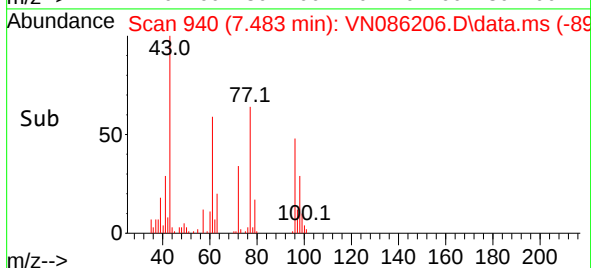
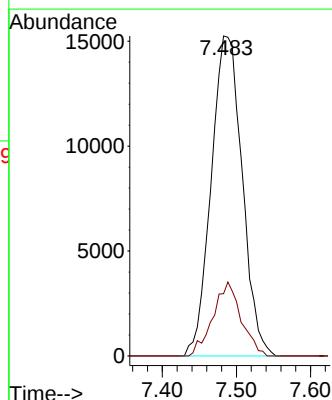
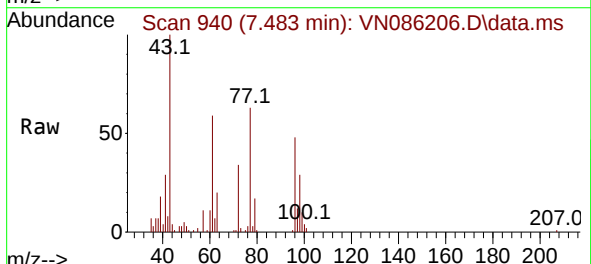
Manual Integrations
APPROVED

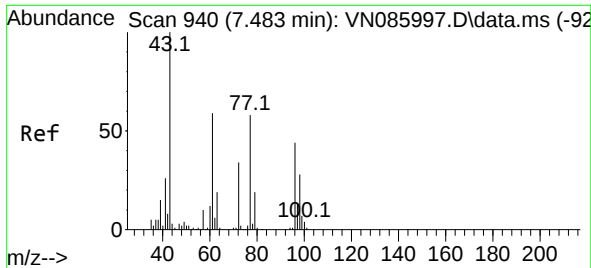
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#26
2,2-Dichloropropane
Concen: 19.180 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

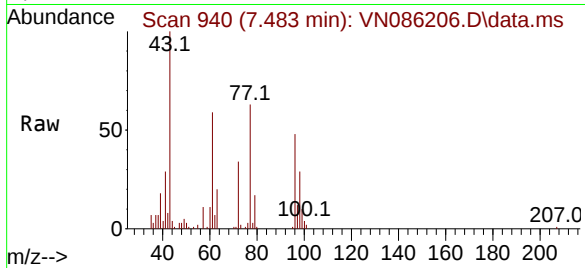
Tgt Ion: 77 Resp: 44276
Ion Ratio Lower Upper
77 100
97 21.0 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.657 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086206.D
 Acq: 02 Apr 2025 14:18

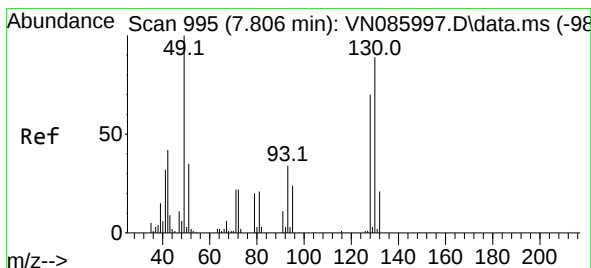
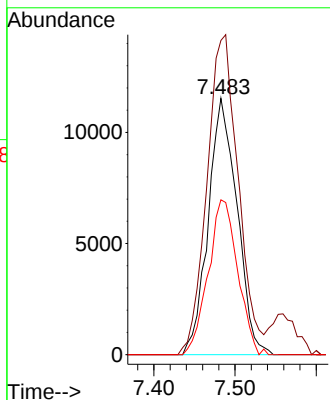
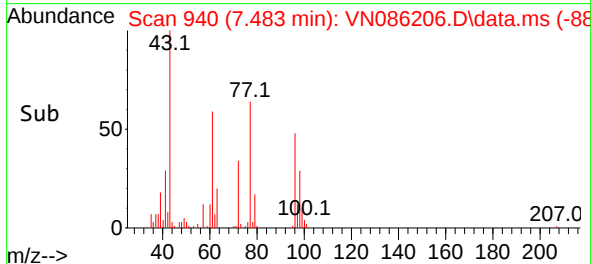
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBSD01



Tgt Ion: 96 Resp: 28418
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 272.8
 98 61.8 0.0 124.8

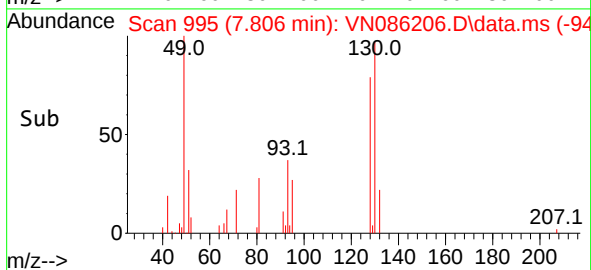
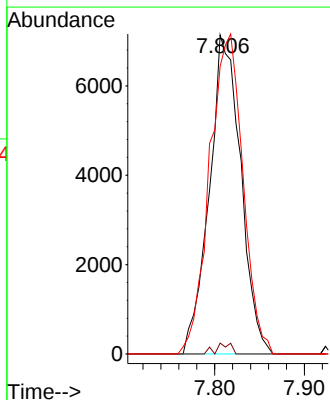
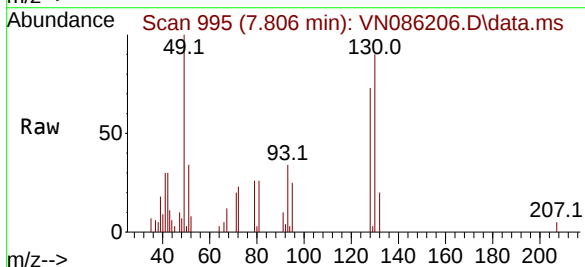
Manual Integrations
 APPROVED

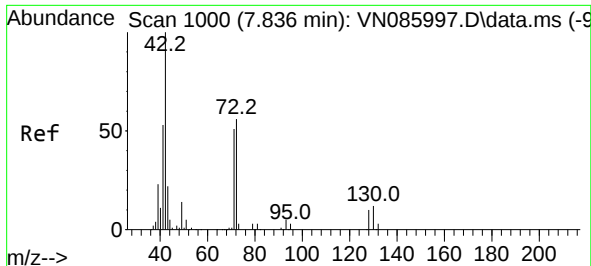
Reviewed By :John Carlone 04/03/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#28
 Bromochloromethane
 Concen: 17.047 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN086206.D
 Acq: 02 Apr 2025 14:18

Tgt Ion: 49 Resp: 17317
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.2
 130 106.5 74.2 111.4





#29

Tetrahydrofuran

Concen: 84.048 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086206.D

Acq: 02 Apr 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBSD01

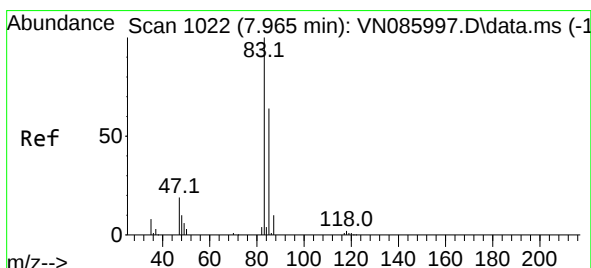
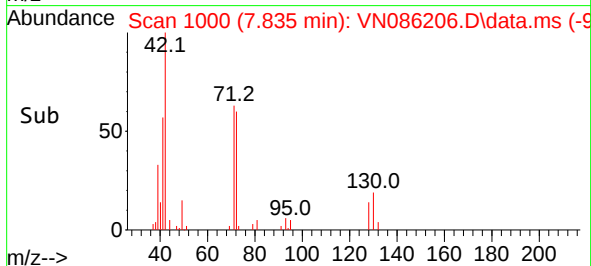
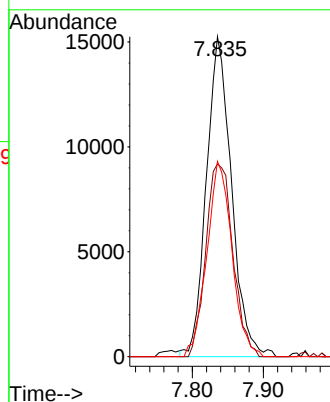
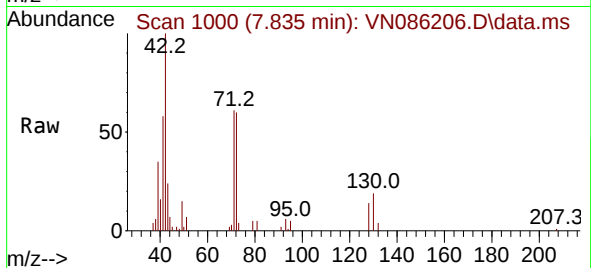
Tgt Ion:	42	Resp:	37498
Ion Ratio	Lower	Upper	
42	100		
72	64.9	45.0	67.4
71	60.9	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#30

Chloroform

Concen: 19.339 ug/l

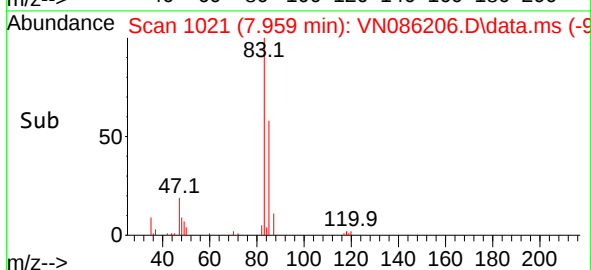
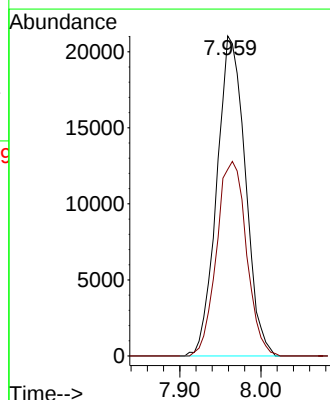
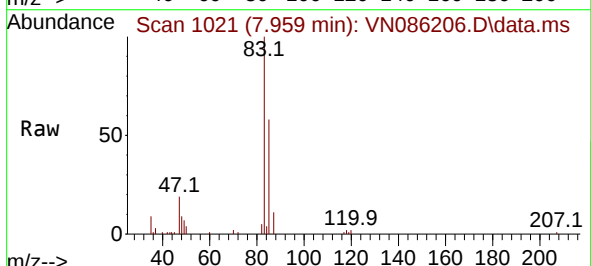
RT: 7.959 min Scan# 1021

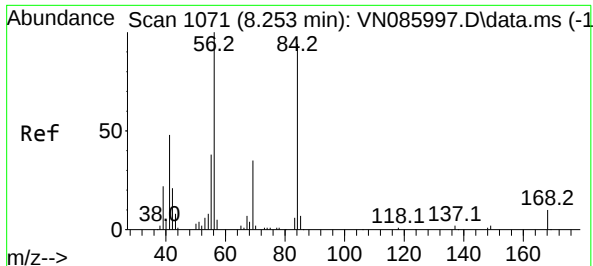
Delta R.T. -0.006 min

Lab File: VN086206.D

Acq: 02 Apr 2025 14:18

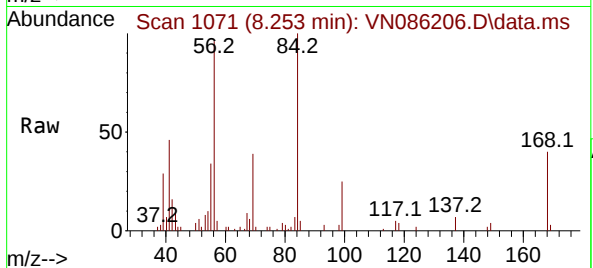
Tgt Ion:	83	Resp:	51253
Ion Ratio	Lower	Upper	
83	100		
85	58.3	51.5	77.3





#31
Cyclohexane
Concen: 16.882 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

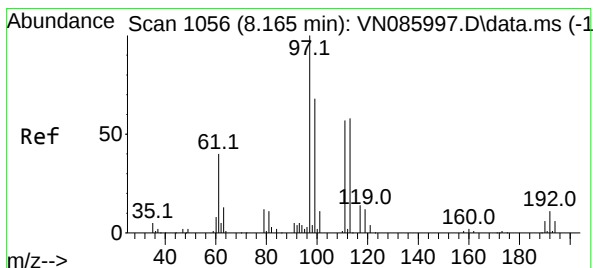
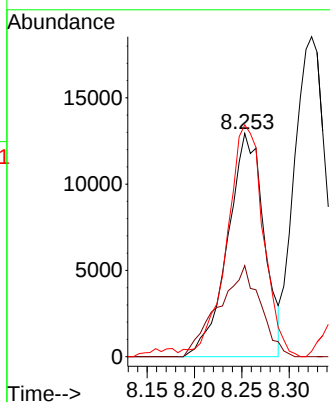
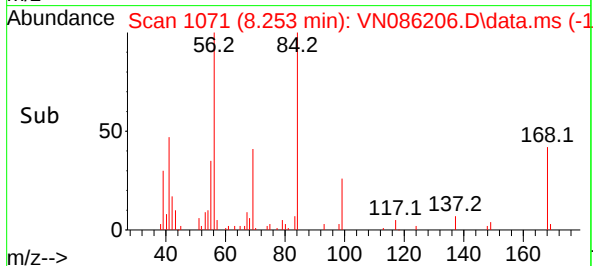
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



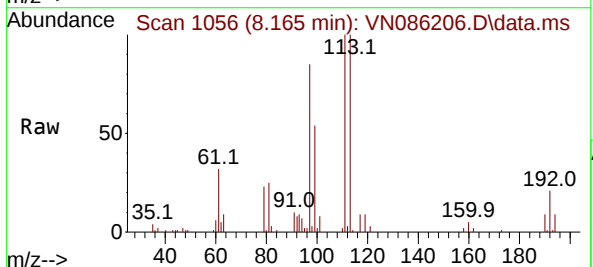
Tgt Ion: 56 Resp: 3448
Ion Ratio Lower Upper
56 100
69 40.8 28.0 42.0
84 102.1 75.0 112.6

Manual Integrations
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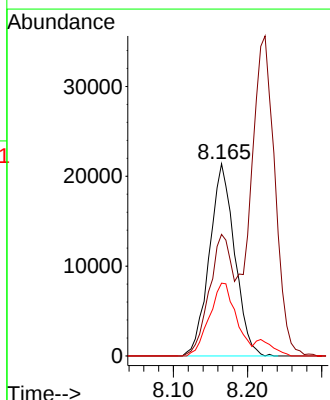
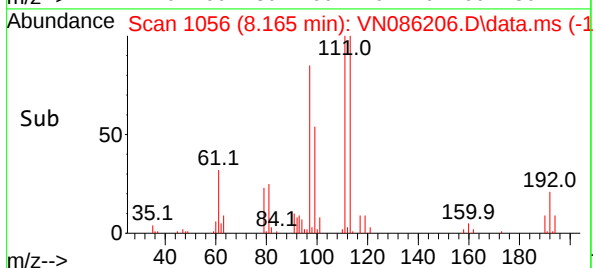
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#32
1,1,1-Trichloroethane
Concen: 20.141 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18



Tgt Ion: 97 Resp: 50529
Ion Ratio Lower Upper
97 100
99 57.6 52.8 79.2
61 40.4 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 54.817 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086206.D

Acq: 02 Apr 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBSD01

Tgt Ion: 65 Resp: 8986

Ion Ratio Lower Upper

65 100

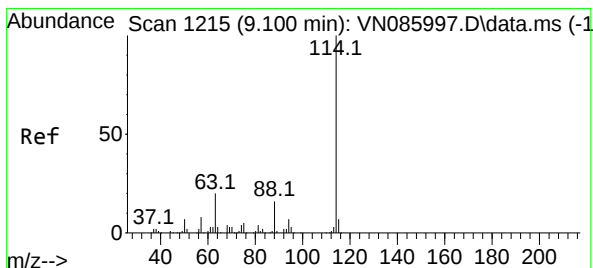
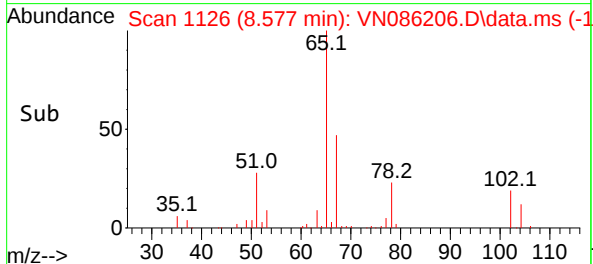
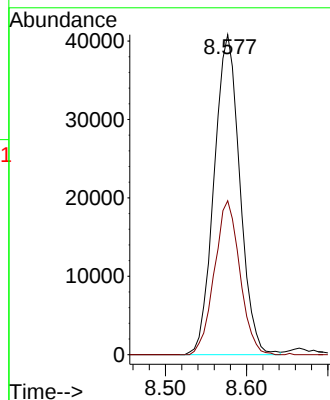
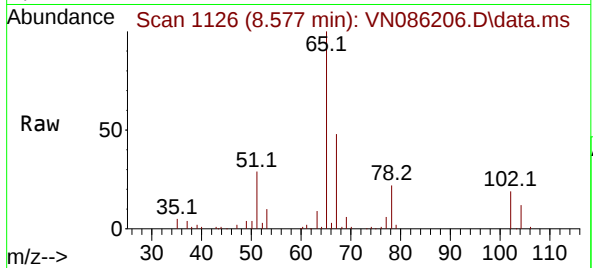
67 47.5 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086206.D

Acq: 02 Apr 2025 14:18

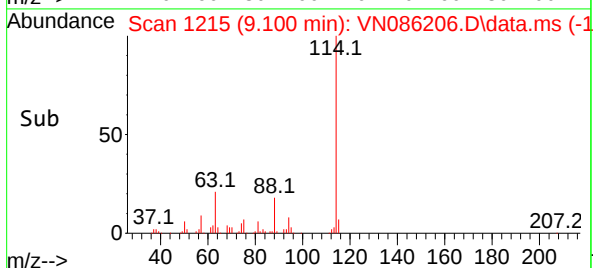
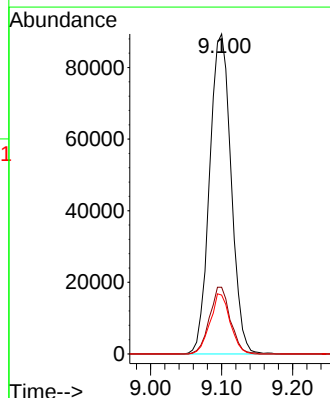
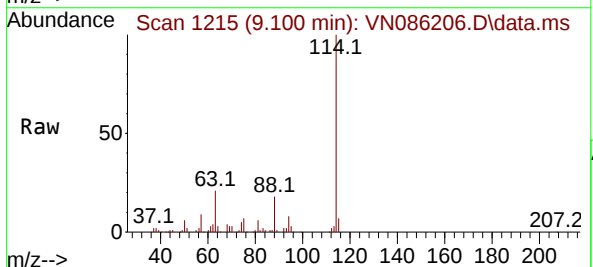
Tgt Ion:114 Resp: 188137

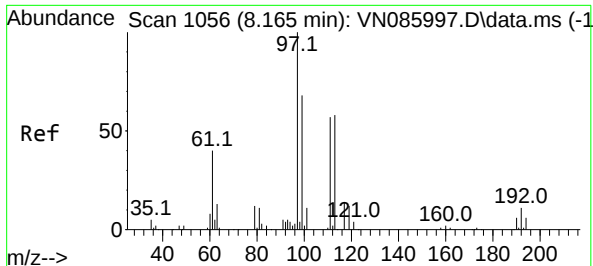
Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.6

88 18.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.154 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086206.D

Acq: 02 Apr 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBSD01

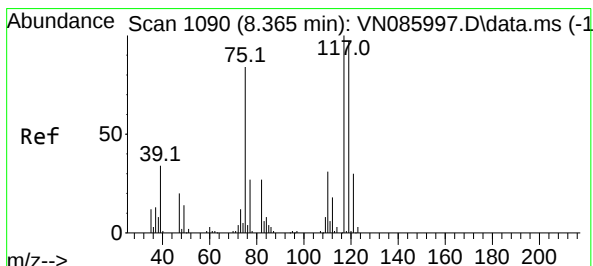
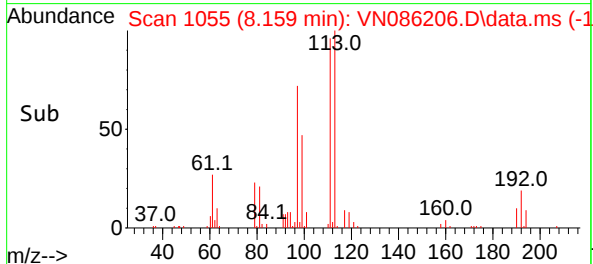
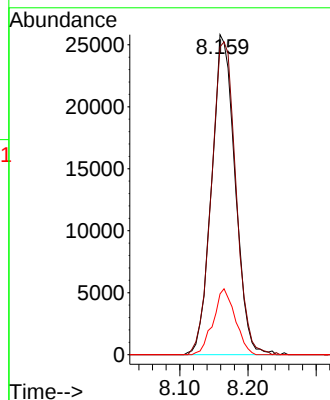
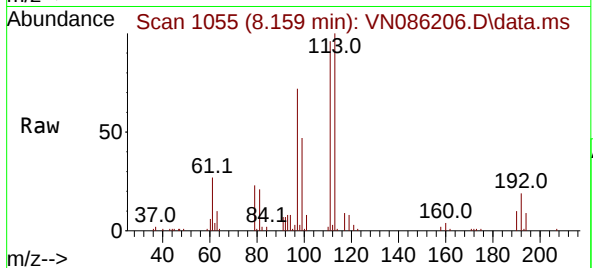
Tgt Ion:	113	Resp:	6192
Ion Ratio	Lower	Upper	
113	100		
111	101.4	81.8	122.8
192	19.2	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#36

1,1-Dichloropropene

Concen: 18.331 ug/l

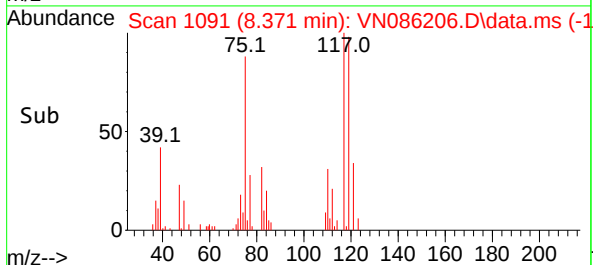
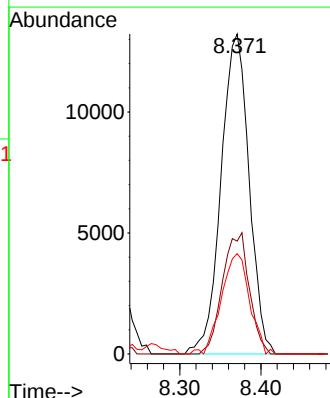
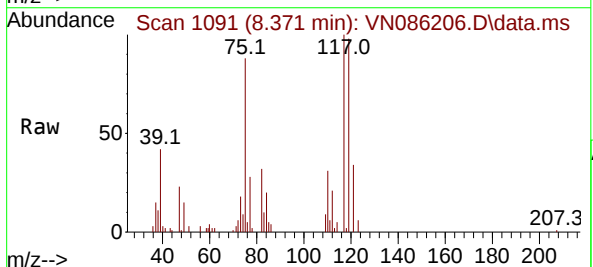
RT: 8.371 min Scan# 1091

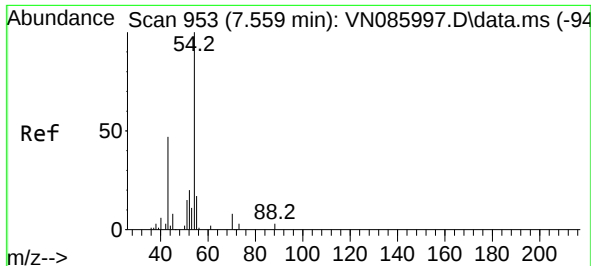
Delta R.T. 0.006 min

Lab File: VN086206.D

Acq: 02 Apr 2025 14:18

Tgt Ion:	75	Resp:	31696
Ion Ratio	Lower	Upper	
75	100		
110	36.2	17.8	53.3
77	31.5	25.0	37.4





#37

Ethyl Acetate

Concen: 15.369 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086206.D

Acq: 02 Apr 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBSD01

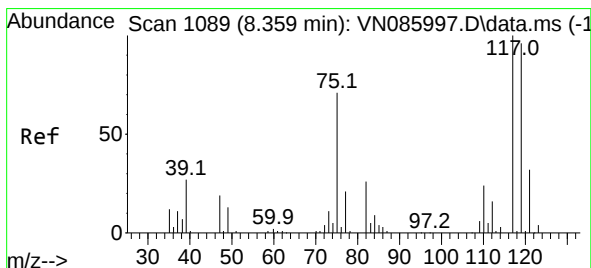
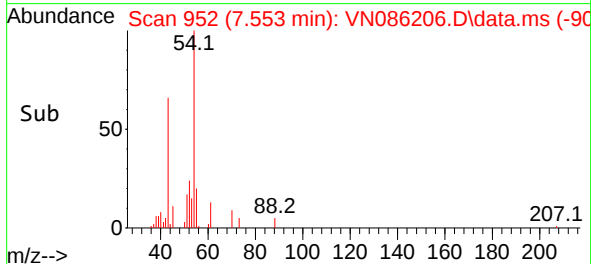
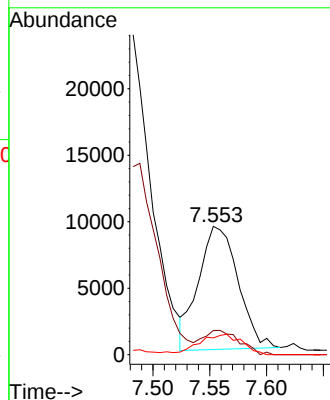
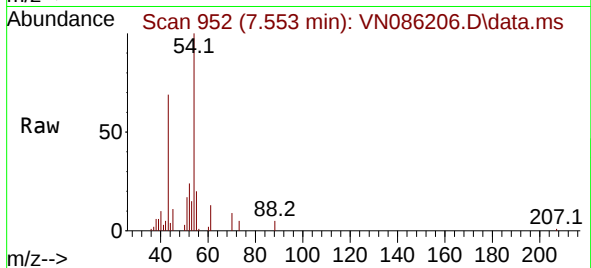
Tgt Ion: 43	Resp: 22419
Ion Ratio	Lower Upper
43 100	
61 18.2	13.0 19.4
70 17.7	11.0 16.6

Manual Integrations

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Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#38

Carbon Tetrachloride

Concen: 20.650 ug/l

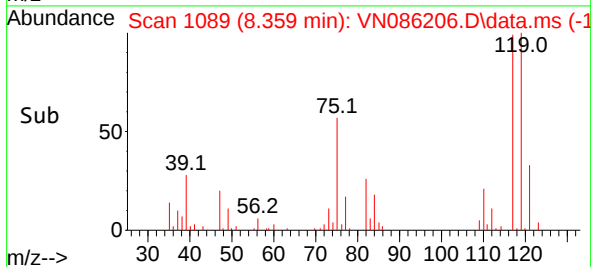
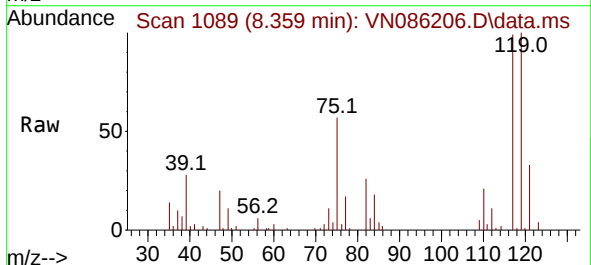
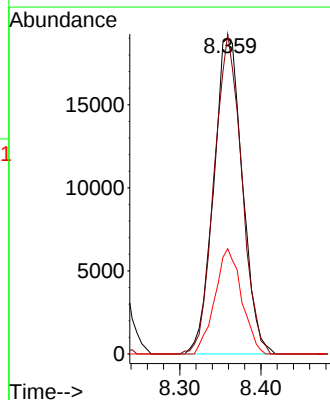
RT: 8.359 min Scan# 1089

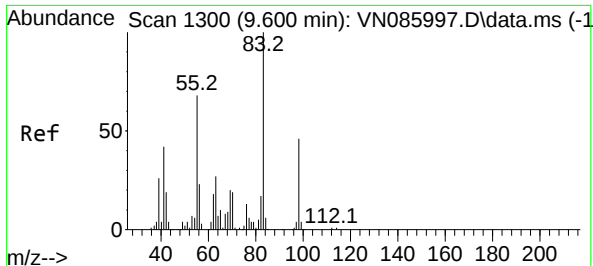
Delta R.T. -0.000 min

Lab File: VN086206.D

Acq: 02 Apr 2025 14:18

Tgt Ion: 117	Resp: 46949
Ion Ratio	Lower Upper
117 100	
119 101.4	77.0 115.4
121 33.4	25.6 38.4





#39

Methylcyclohexane

Concen: 19.280 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086206.D

Acq: 02 Apr 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBSD01

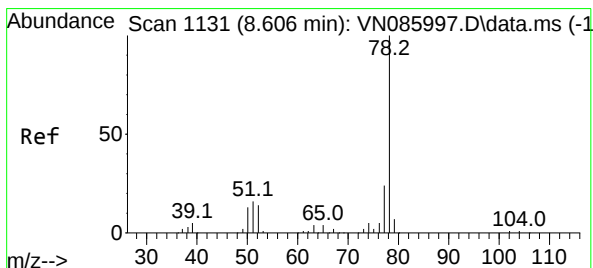
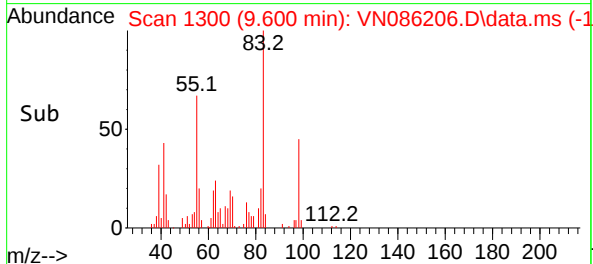
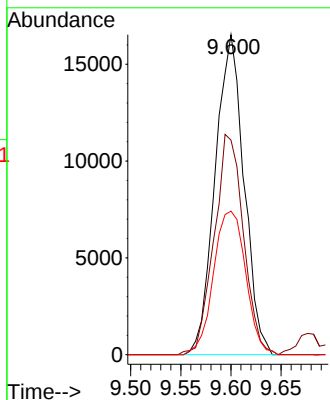
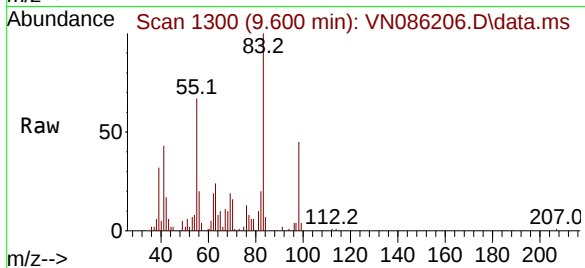
Tgt Ion:	83	Resp:	33070
Ion Ratio	Lower	Upper	
83	100		
55	67.0	54.2	81.2
98	44.9	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#40

Benzene

Concen: 18.793 ug/l

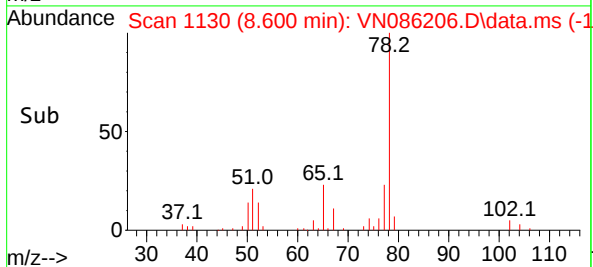
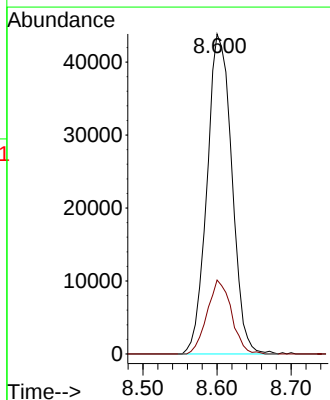
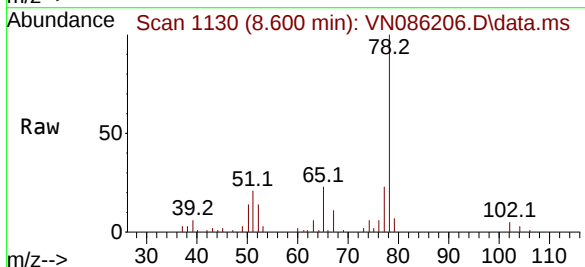
RT: 8.600 min Scan# 1130

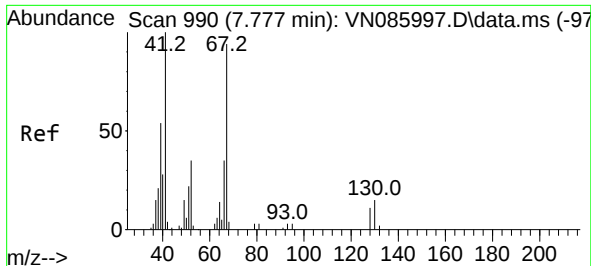
Delta R.T. -0.006 min

Lab File: VN086206.D

Acq: 02 Apr 2025 14:18

Tgt Ion:	78	Resp:	102009
Ion Ratio	Lower	Upper	
78	100		
77	23.1	18.9	28.3





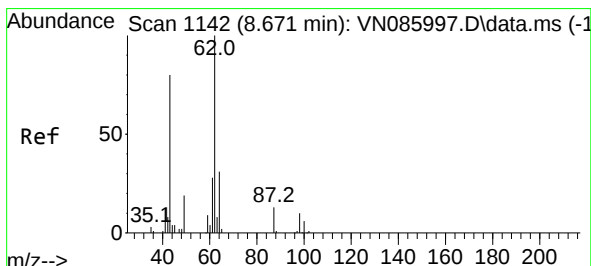
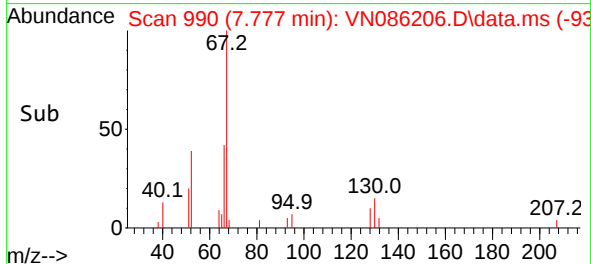
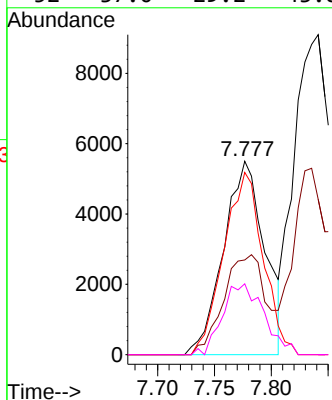
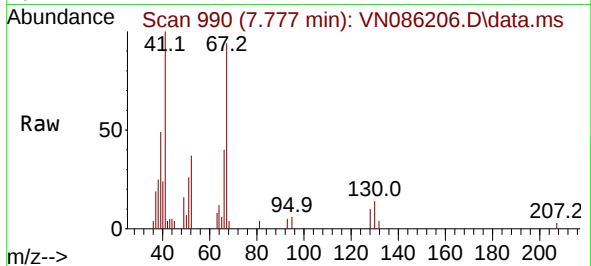
#41
Methacrylonitrile
Concen: 19.906 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01

Tgt Ion:	41	Resp:	1386
Ion Ratio	Lower	Upper	
41	100		
39	51.0	46.2	69.2
67	90.2	75.9	113.9
52	37.0	29.2	43.8

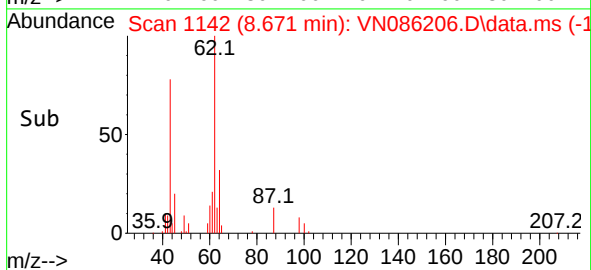
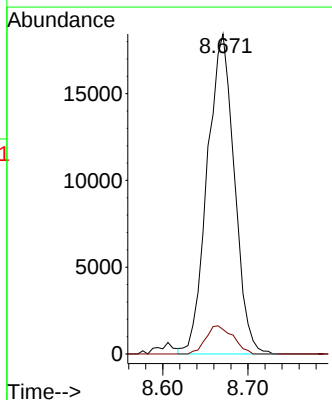
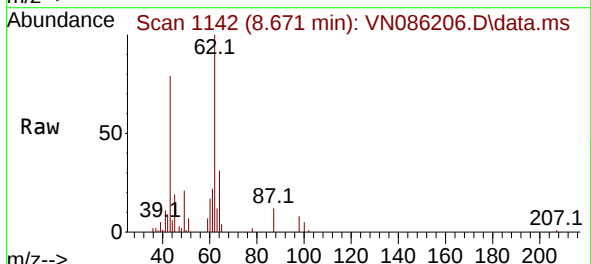
Manual Integrations
APPROVED

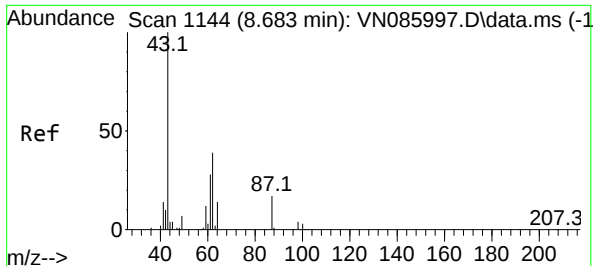
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#42
1,2-Dichloroethane
Concen: 21.547 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

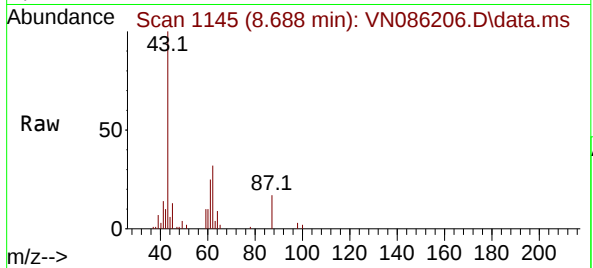
Tgt Ion:	62	Resp:	40754
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	18.6





#43
Isopropyl Acetate
Concen: 20.316 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

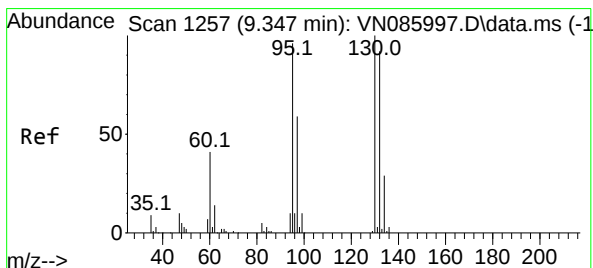
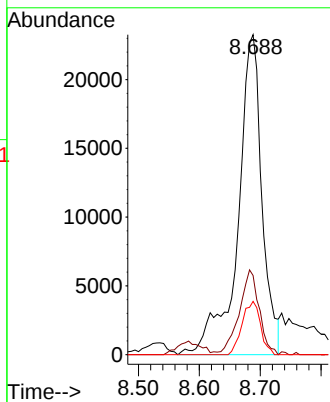
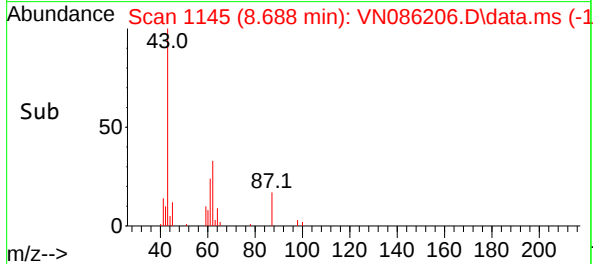
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



Tgt Ion: 43 Resp: 64220
Ion Ratio Lower Upper
43 100
61 22.0 25.0 37.6
87 12.7 13.0 19.4

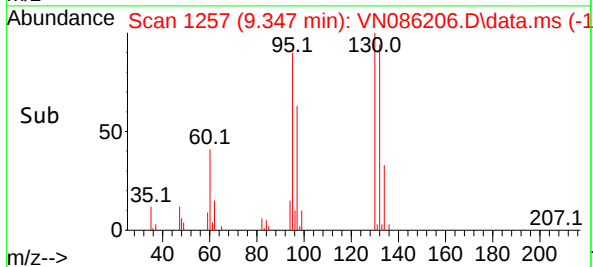
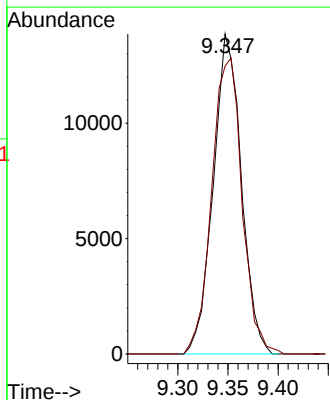
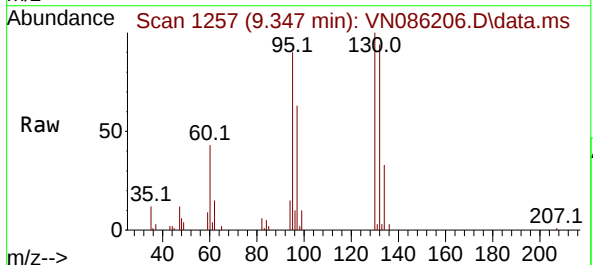
Manual Integrations
APPROVED

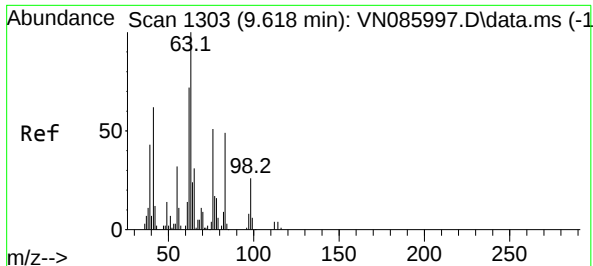
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#44
Trichloroethene
Concen: 19.145 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Tgt Ion:130 Resp: 26934
Ion Ratio Lower Upper
130 100
95 90.0 0.0 191.6





#45

1,2-Dichloropropane

Concen: 17.076 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086206.D

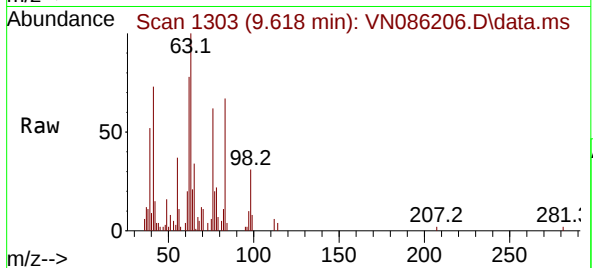
Acq: 02 Apr 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBSD01



Tgt Ion: 63 Resp: 2108

Ion Ratio Lower Upper

63 100

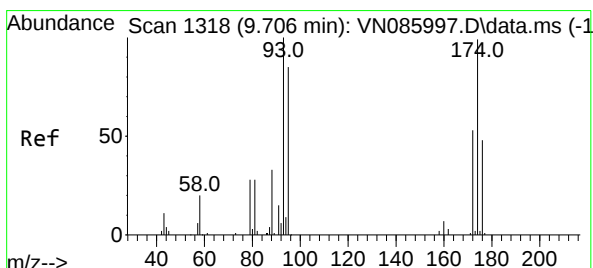
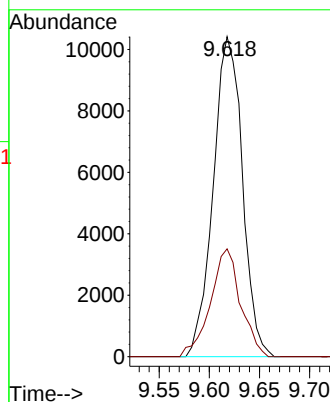
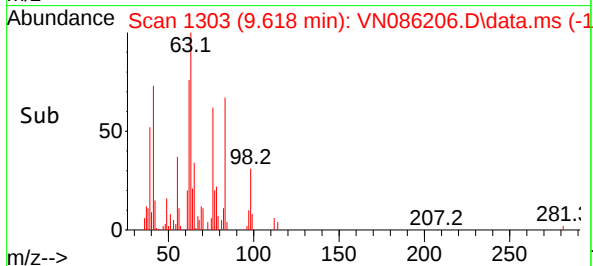
65 33.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#46

Dibromomethane

Concen: 19.979 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086206.D

Acq: 02 Apr 2025 14:18

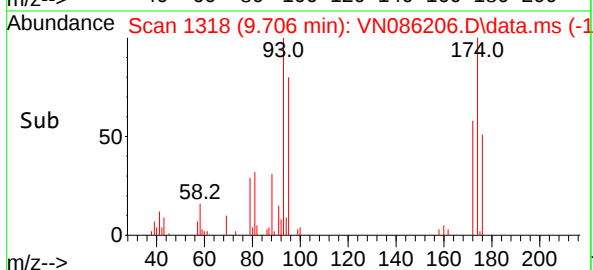
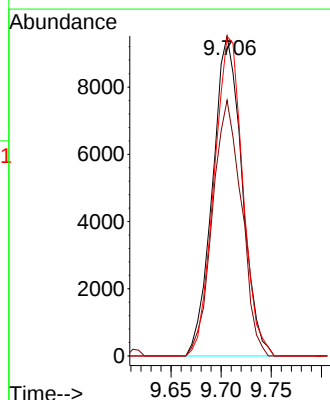
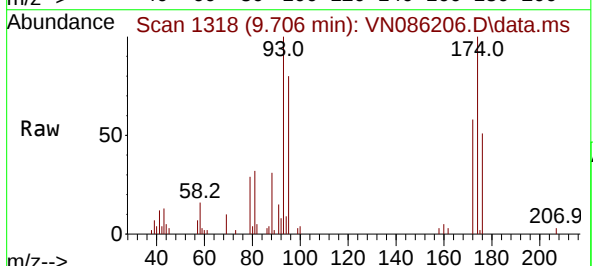
Tgt Ion: 93 Resp: 19398

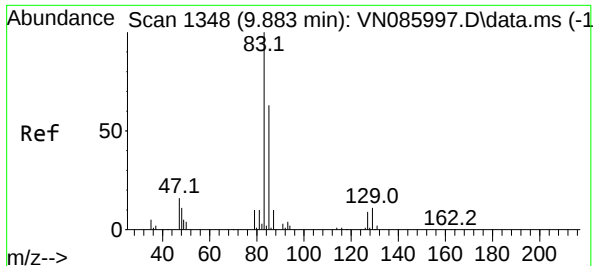
Ion Ratio Lower Upper

93 100

95 78.7 66.2 99.2

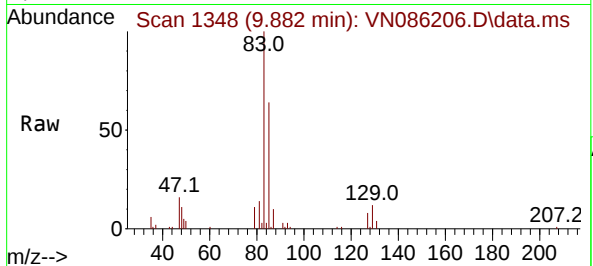
174 97.4 80.1 120.1





#47
Bromodichloromethane
Concen: 20.156 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

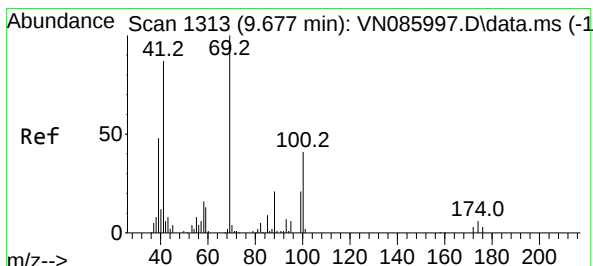
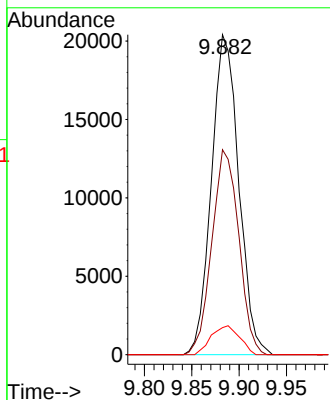
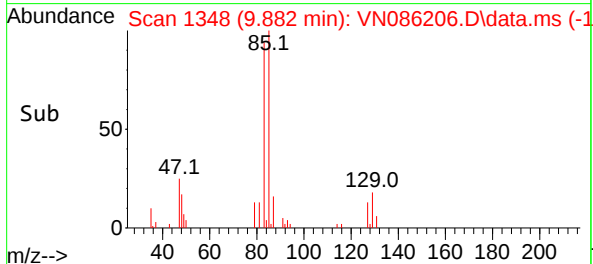
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



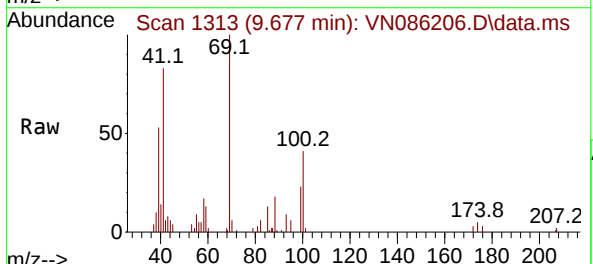
Tgt Ion: 83 Resp: 4090
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.2
127 8.5 7.1 10.7

Manual Integrations
APPROVED

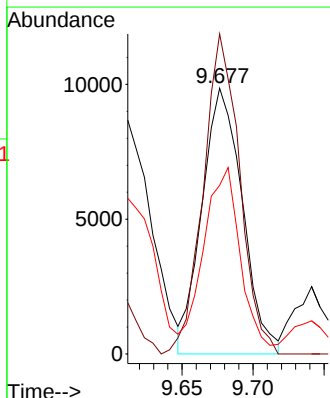
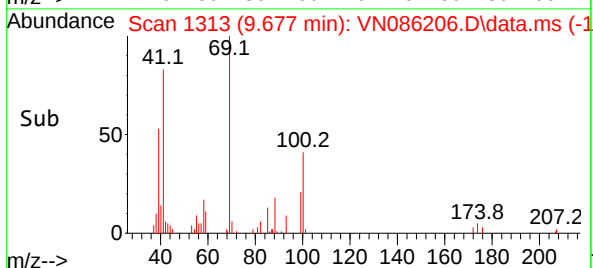
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

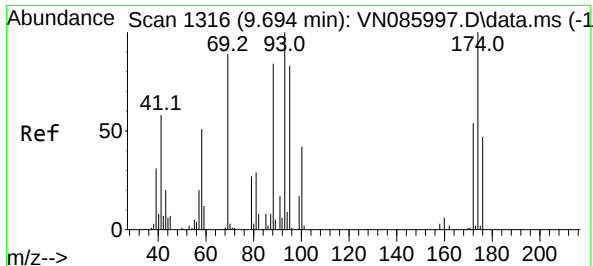


#48
Methyl methacrylate
Concen: 18.668 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18



Tgt Ion: 41 Resp: 19473
Ion Ratio Lower Upper
41 100
69 108.6 83.1 124.7
39 64.3 45.6 68.4





#49

1,4-Dioxane

Concen: 397.748 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086206.D

Acq: 02 Apr 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBSD01

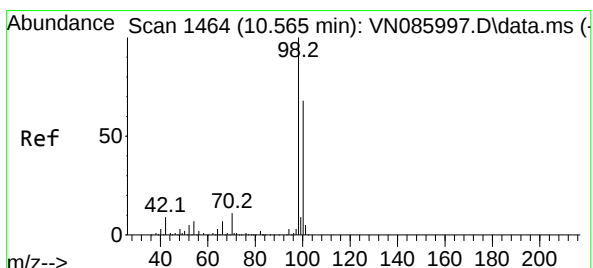
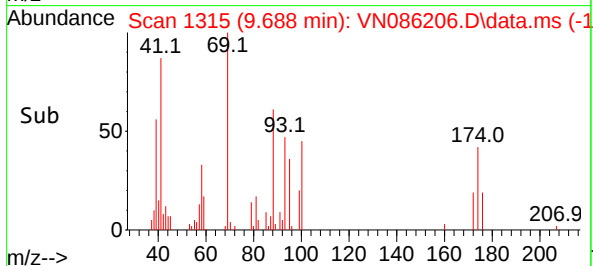
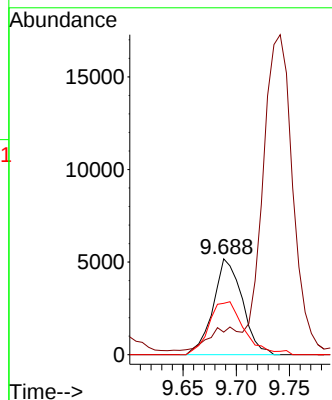
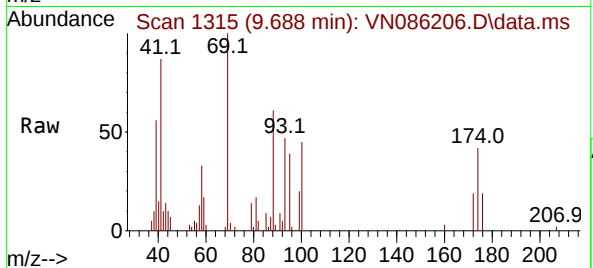
Tgt Ion: 88 Resp: 9808
 Ion Ratio Lower Upper
 88 100
 43 34.2 21.7 32.5
 58 66.8 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#50

Toluene-d8

Concen: 48.474 ug/l

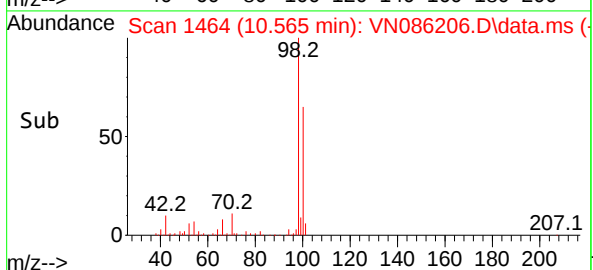
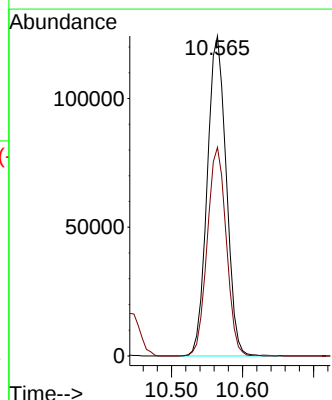
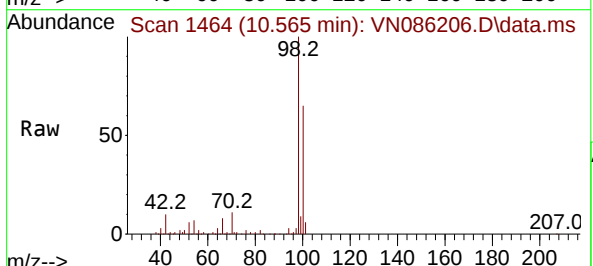
RT: 10.565 min Scan# 1464

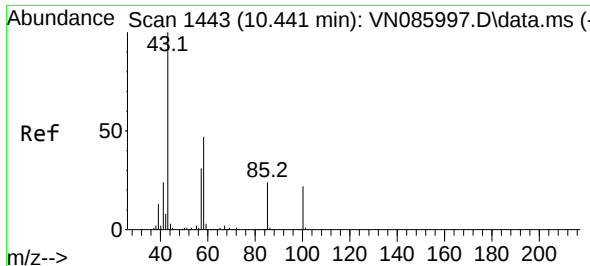
Delta R.T. -0.000 min

Lab File: VN086206.D

Acq: 02 Apr 2025 14:18

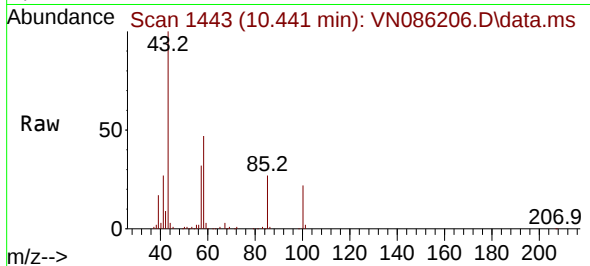
Tgt Ion: 98 Resp: 231022
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 94.164 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

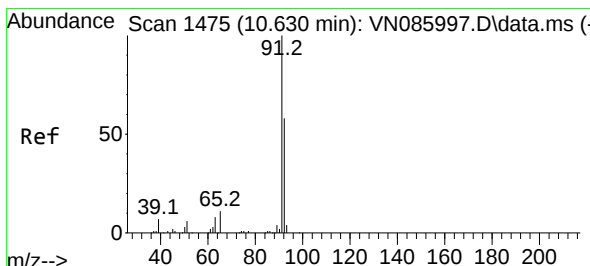
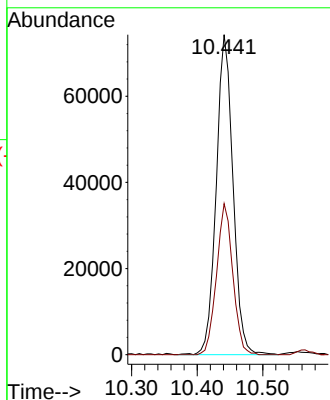
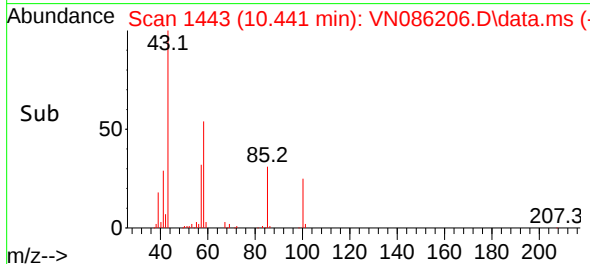
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



Tgt Ion: 43 Resp: 131274
Ion Ratio Lower Upper
43 100
58 45.8 37.4 56.0

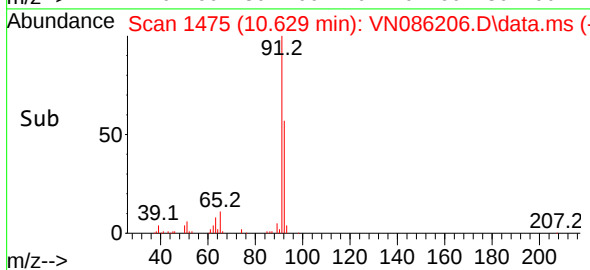
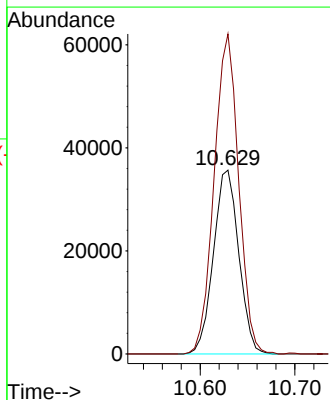
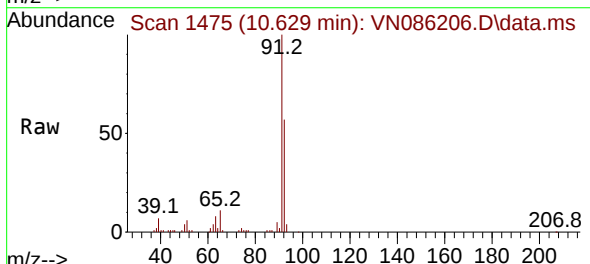
Manual Integrations
APPROVED

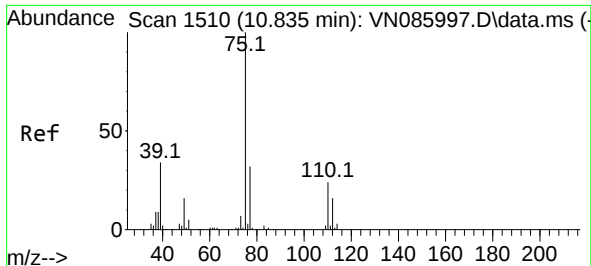
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#52
Toluene
Concen: 19.890 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Tgt Ion: 92 Resp: 66265
Ion Ratio Lower Upper
92 100
91 168.6 136.2 204.4





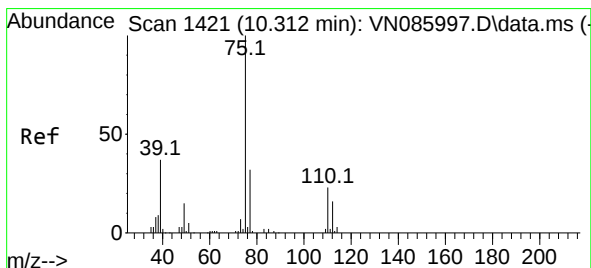
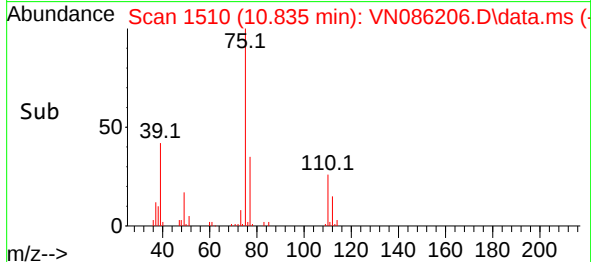
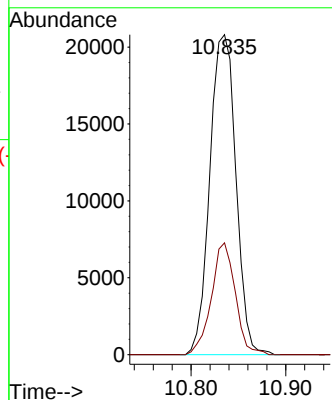
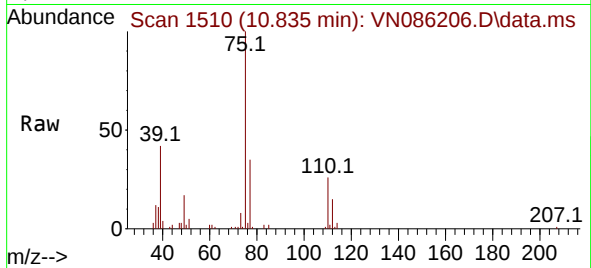
#53
t-1,3-Dichloropropene
Concen: 20.230 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01

Tgt Ion: 75 Resp: 3986
Ion Ratio Lower Upper
75 100
77 35.0 25.3 37.9

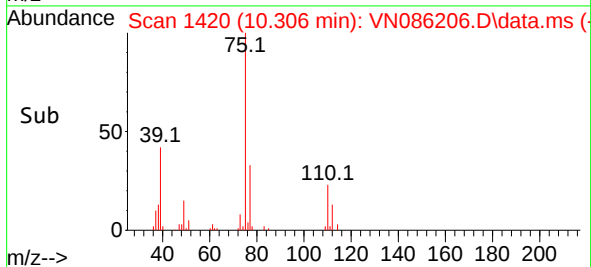
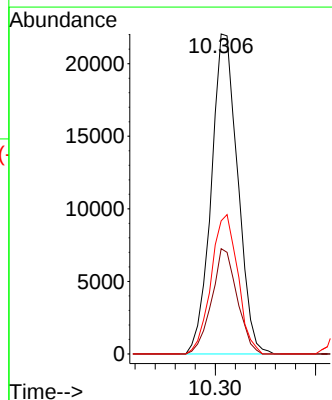
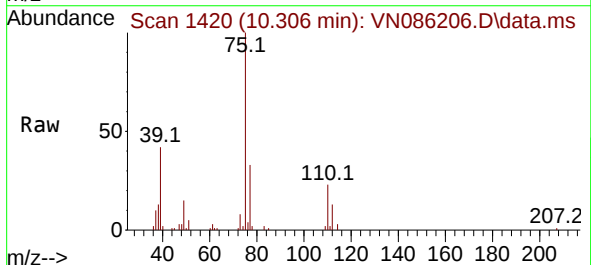
Manual Integrations
APPROVED

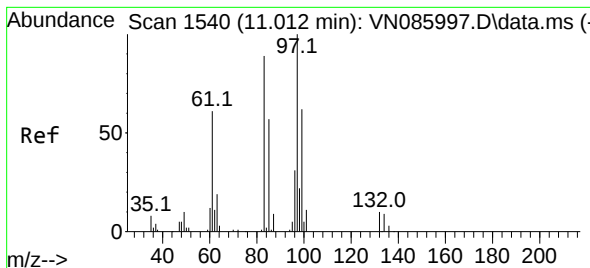
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#54
cis-1,3-Dichloropropene
Concen: 19.405 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

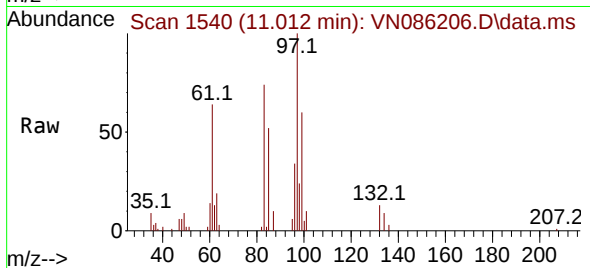
Tgt Ion: 75 Resp: 40346
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9
39 41.6 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 19.954 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

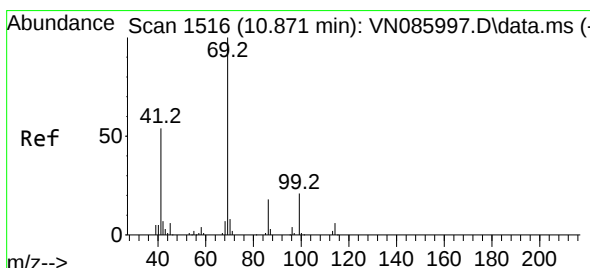
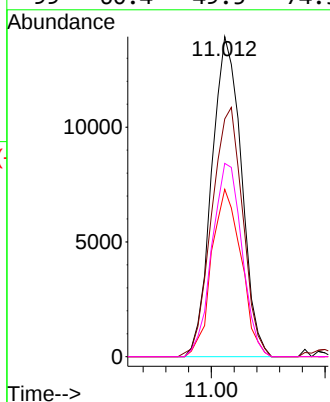
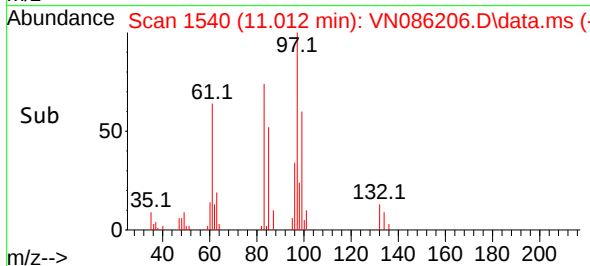
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



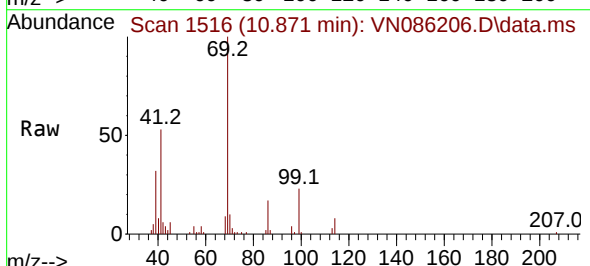
Tgt Ion	Ratio	Lower	Upper
97	100		
83	74.3	71.2	106.8
85	52.3	45.4	68.0
99	60.4	49.5	74.3

Manual Integrations
APPROVED

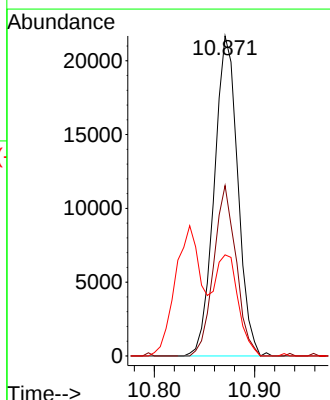
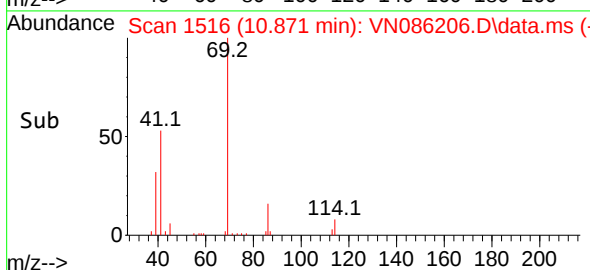
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

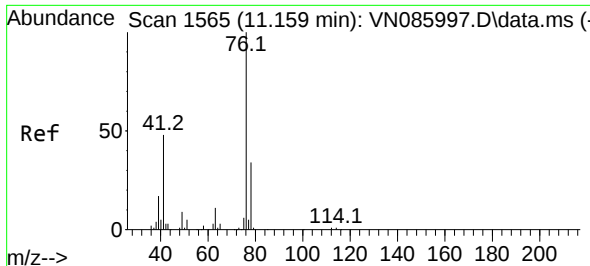


#56
Ethyl methacrylate
Concen: 20.255 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18



Tgt Ion	Ratio	Lower	Upper
69	100		
41	50.9	41.6	62.4
39	32.0	21.8	32.8





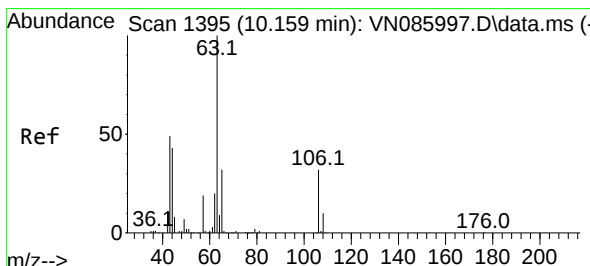
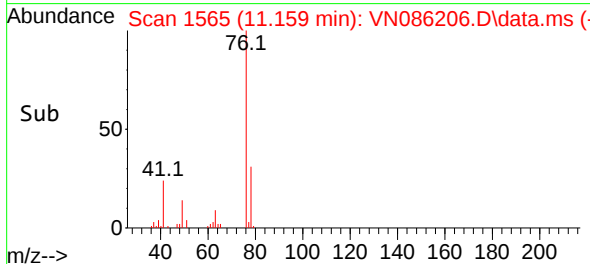
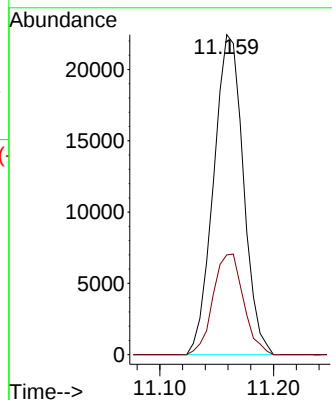
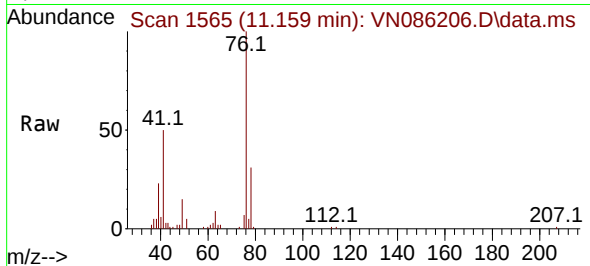
#57
1,3-Dichloropropane
Concen: 18.935 ug/l
RT: 11.159 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01

Tgt Ion: 76 Resp: 4089
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.6

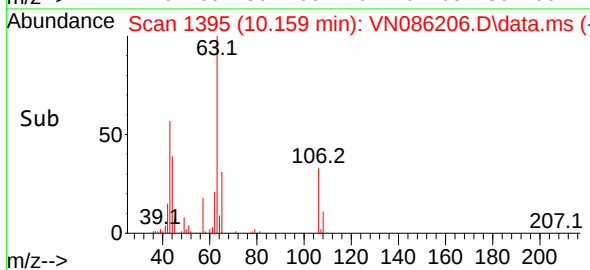
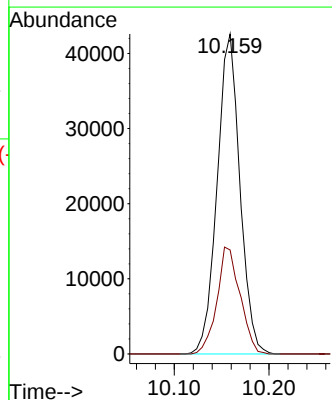
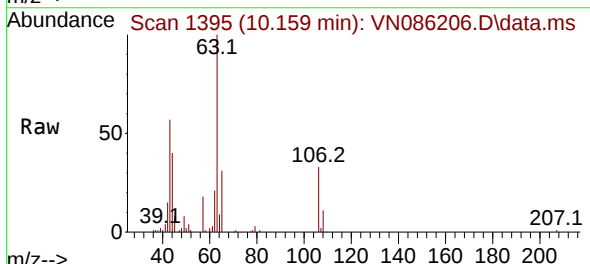
Manual Integrations
APPROVED

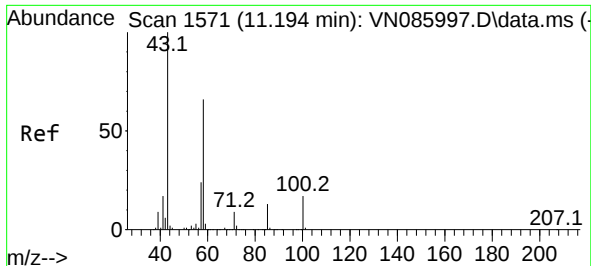
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 107.437 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Tgt Ion: 63 Resp: 71053
Ion Ratio Lower Upper
63 100
106 33.9 25.0 37.6





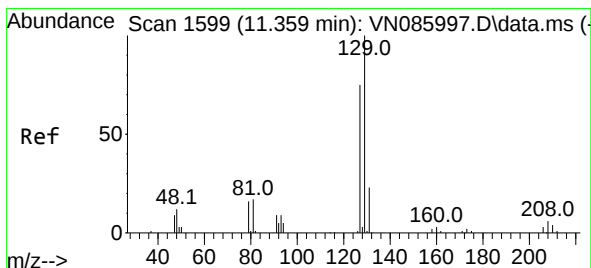
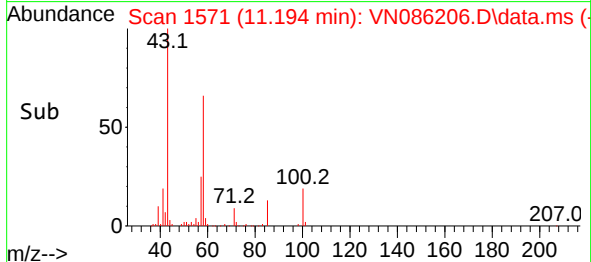
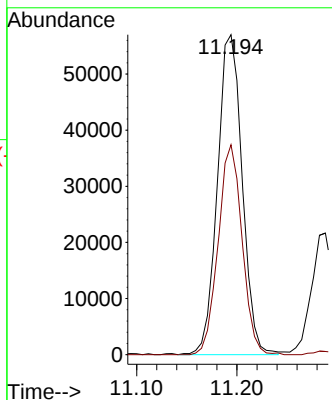
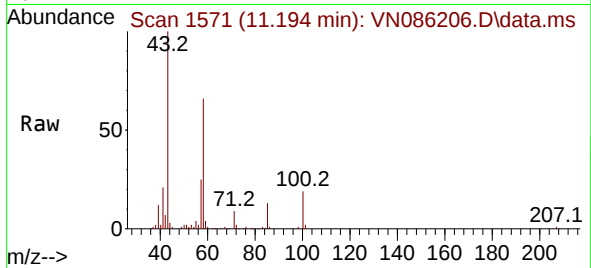
#59
2-Hexanone
Concen: 96.366 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01

Tgt Ion: 43 Resp: 9786
Ion Ratio Lower Upper
43 100
58 63.2 32.4 97.2

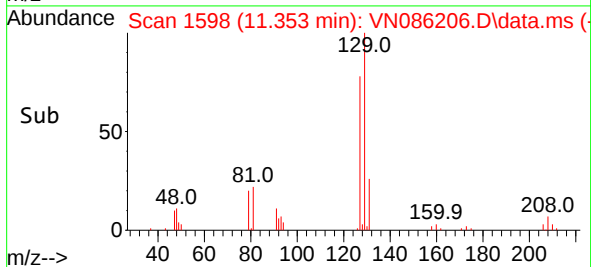
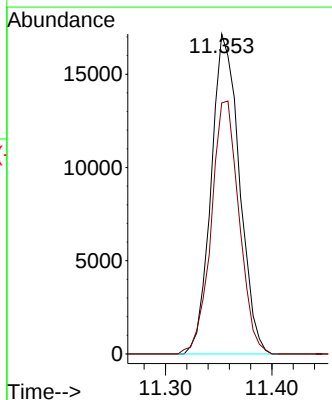
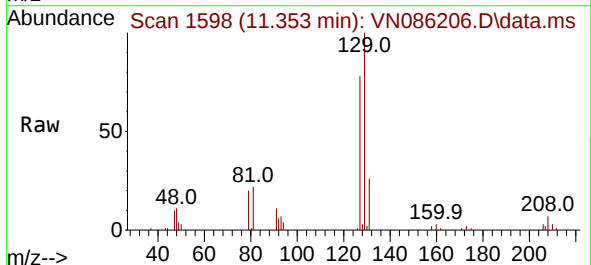
Manual Integrations
APPROVED

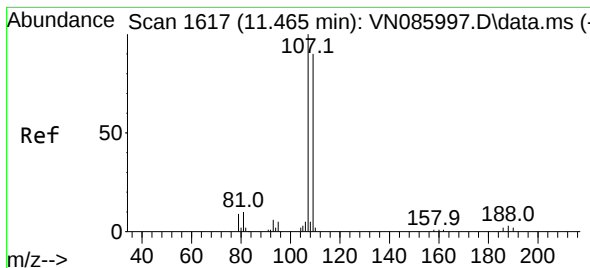
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#60
Dibromochloromethane
Concen: 19.241 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Tgt Ion:129 Resp: 31571
Ion Ratio Lower Upper
129 100
127 77.9 37.8 113.4





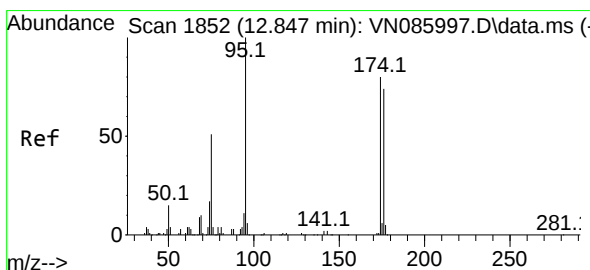
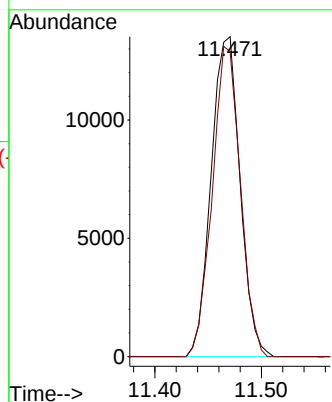
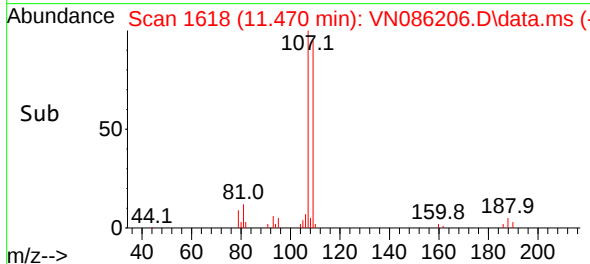
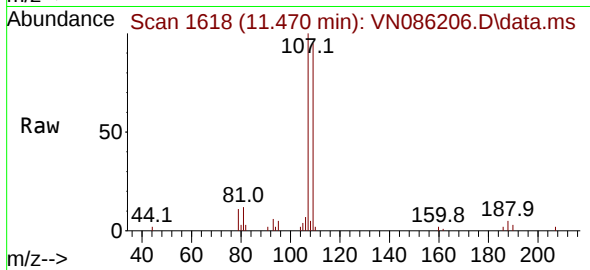
#61
1,2-Dibromoethane
Concen: 19.497 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01

Tgt Ion:107 Resp: 2545
Ion Ratio Lower Upper
107 100
109 94.3 73.3 109.9

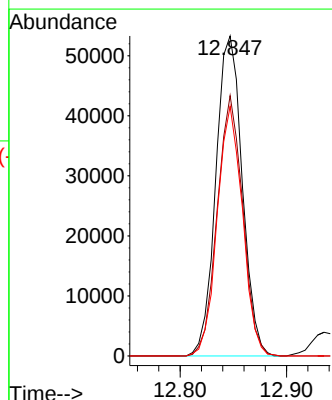
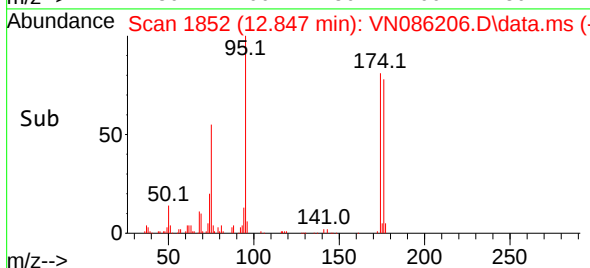
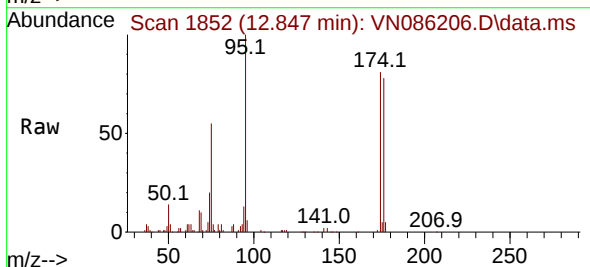
Manual Integrations
APPROVED

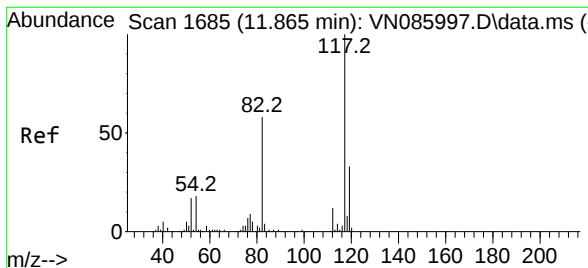
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#62
4-Bromofluorobenzene
Concen: 54.051 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

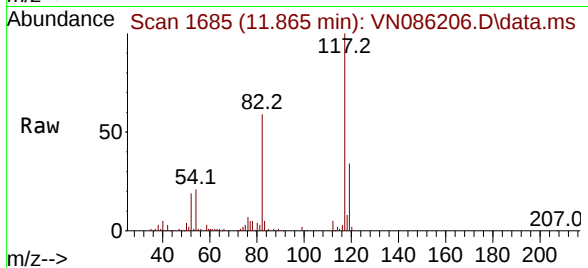
Tgt Ion: 95 Resp: 91868
Ion Ratio Lower Upper
95 100
174 78.6 0.0 156.8
176 74.4 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

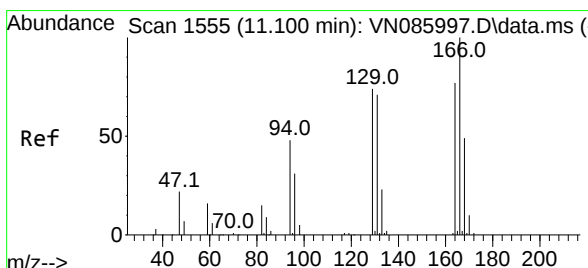
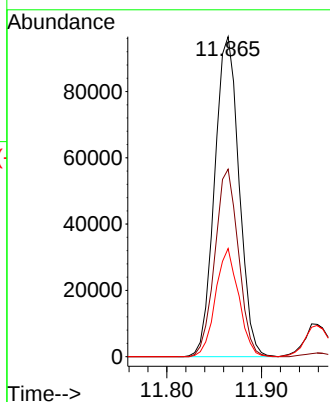
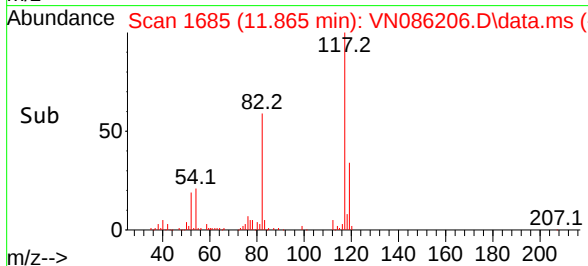
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



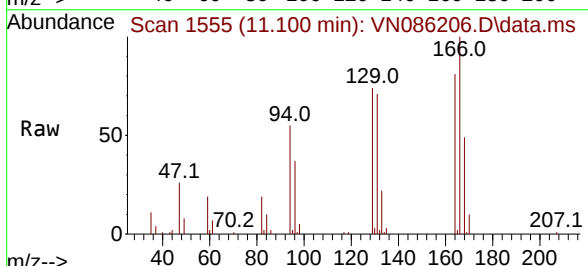
Tgt Ion:117 Resp: 173110
Ion Ratio Lower Upper
117 100
82 58.6 46.7 70.1
119 33.8 26.5 39.7

Manual Integrations
APPROVED

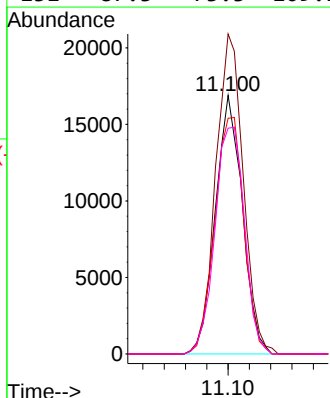
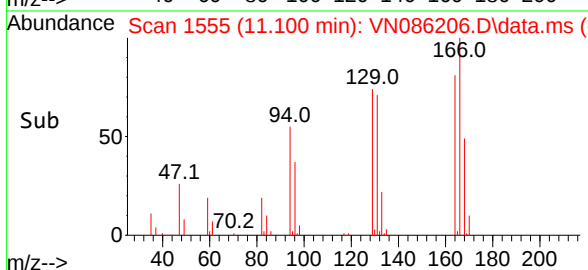
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

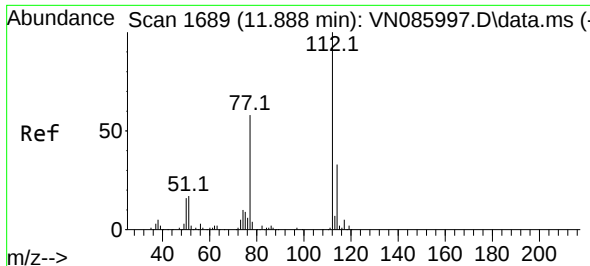


#64
Tetrachloroethene
Concen: 21.542 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18



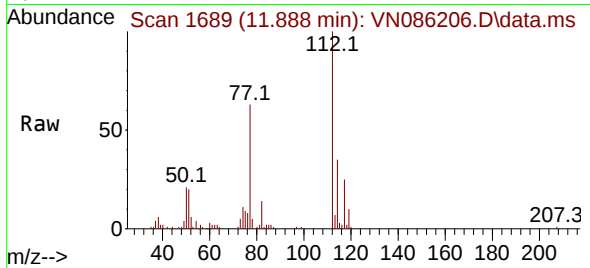
Tgt Ion:164 Resp: 29748
Ion Ratio Lower Upper
164 100
166 123.8 103.7 155.5
129 91.2 77.1 115.7
131 87.3 73.3 109.9





#65
Chlorobenzene
Concen: 18.243 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

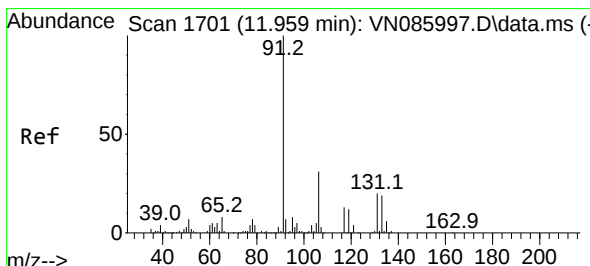
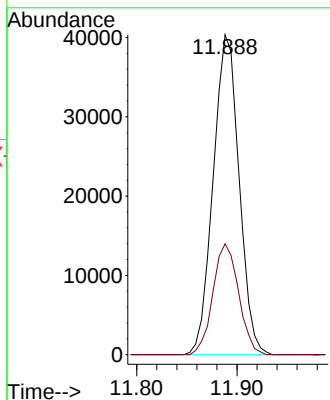
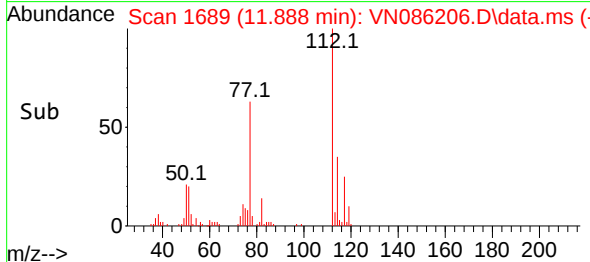
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



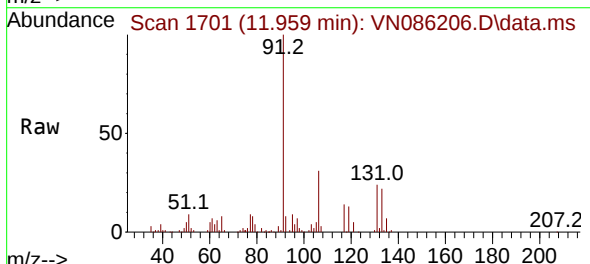
Tgt Ion:112 Resp: 72260
Ion Ratio Lower Upper
112 100
114 34.7 26.3 39.5

Manual Integrations
APPROVED

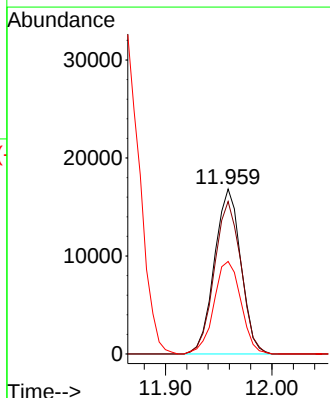
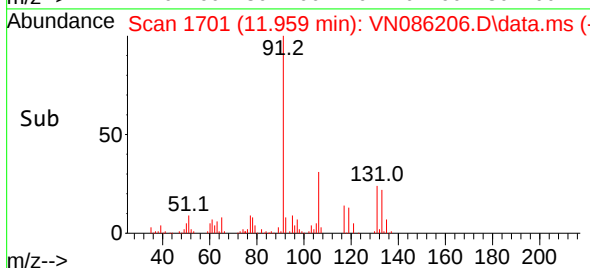
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

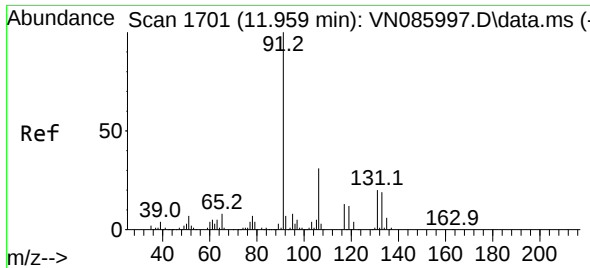


#66
1,1,1,2-Tetrachloroethane
Concen: 19.730 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18



Tgt Ion:131 Resp: 29054
Ion Ratio Lower Upper
131 100
133 93.3 47.0 141.0
119 57.3 31.4 94.0





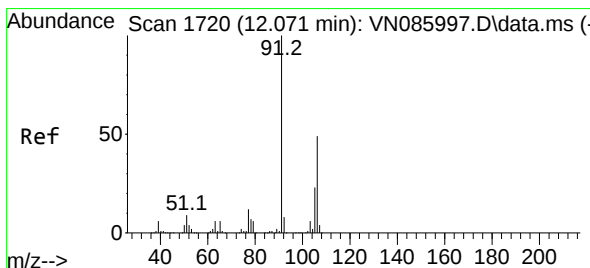
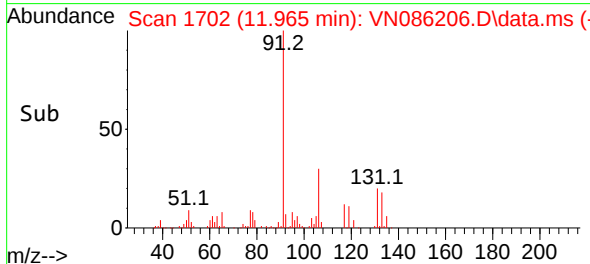
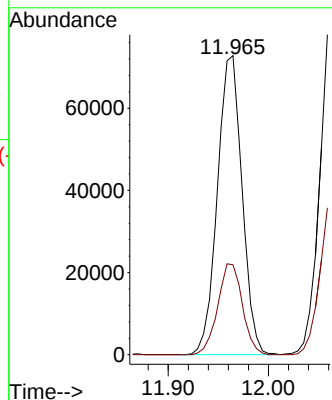
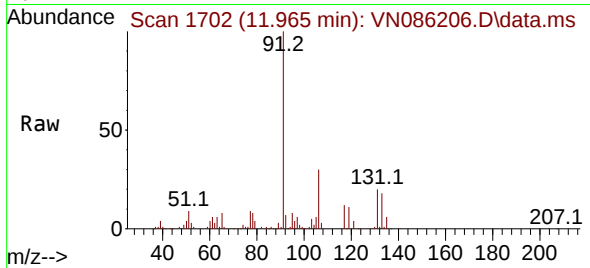
#67
Ethyl Benzene
Concen: 19.624 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01

Tgt Ion: 91 Resp: 124354
Ion Ratio Lower Upper
91 100
106 30.1 24.5 36.7

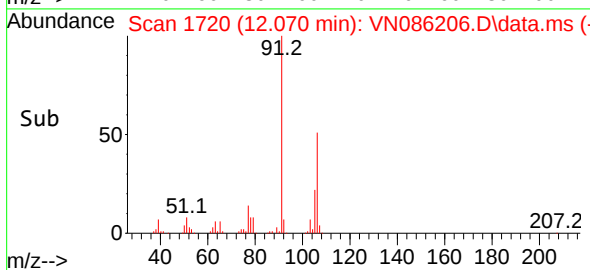
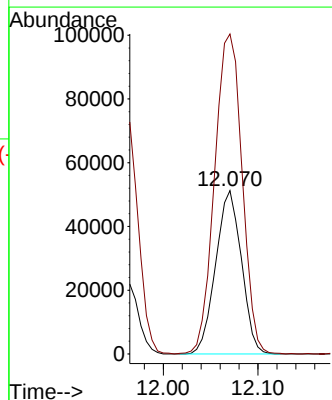
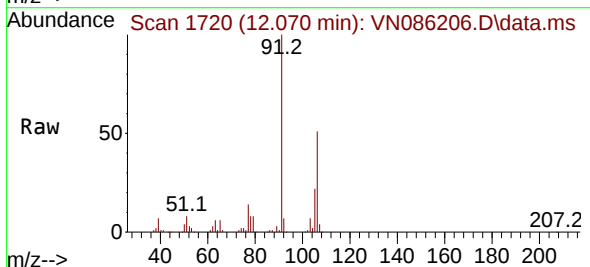
Manual Integrations
APPROVED

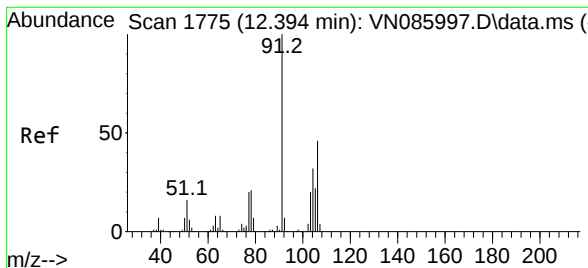
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#68
m/p-Xylenes
Concen: 38.901 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

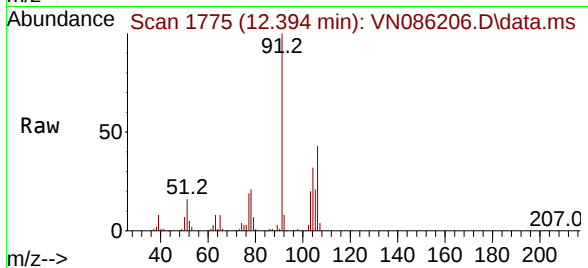
Tgt Ion:106 Resp: 96887
Ion Ratio Lower Upper
106 100
91 209.1 163.9 245.9





#69
o-Xylene
Concen: 20.600 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

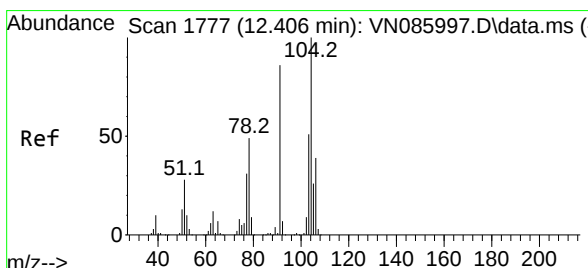
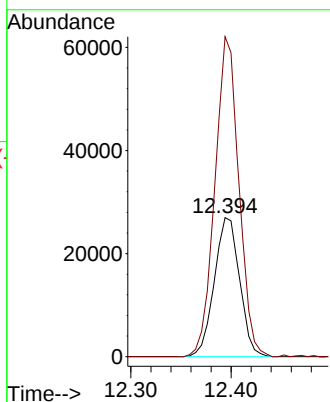
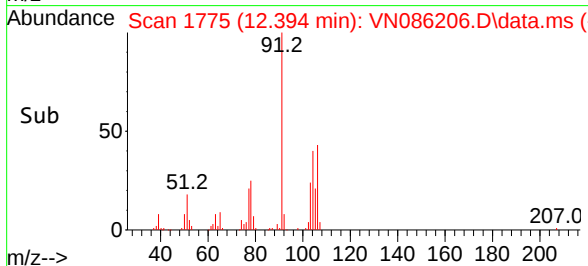
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



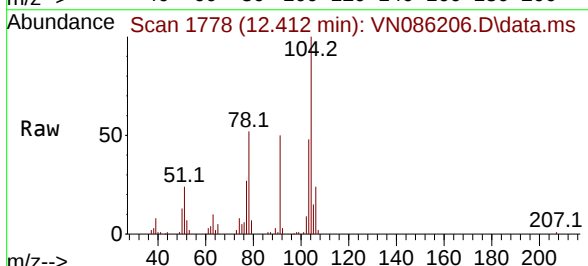
Tgt Ion:106 Resp: 47090
Ion Ratio Lower Upper
106 100
91 218.4 109.1 327.2

Manual Integrations
APPROVED

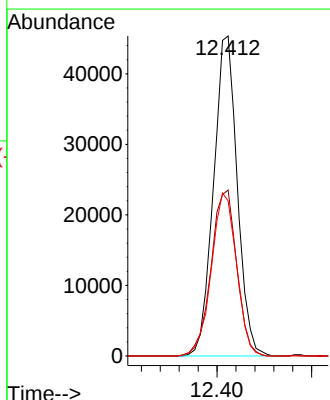
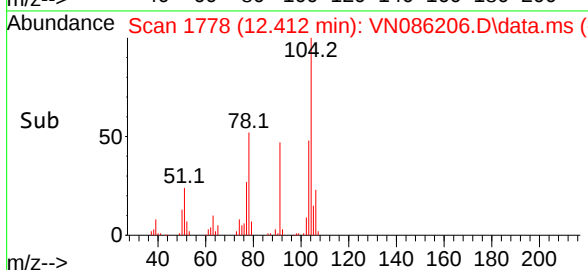
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

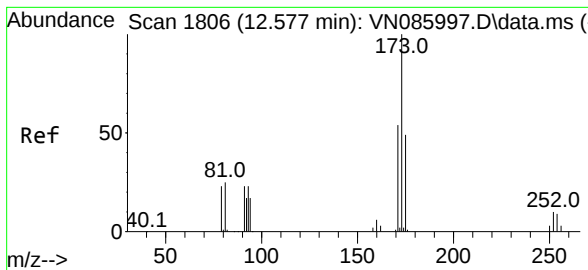


#70
Styrene
Concen: 20.216 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18



Tgt Ion:104 Resp: 78932
Ion Ratio Lower Upper
104 100
78 56.0 41.4 62.2
103 54.1 42.9 64.3





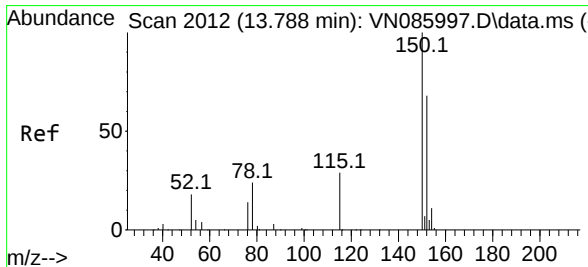
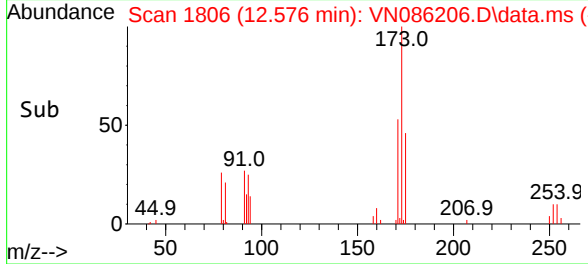
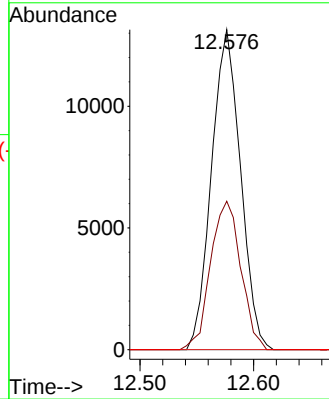
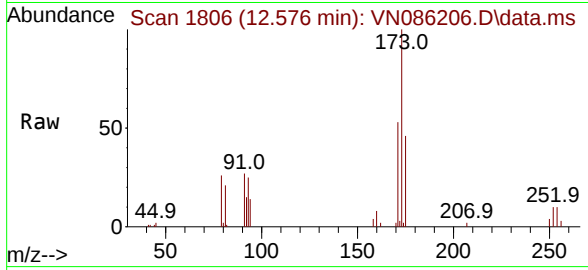
#71
Bromoform
Concen: 18.947 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01

Tgt Ion:173 Resp: 23324
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.0 0.0

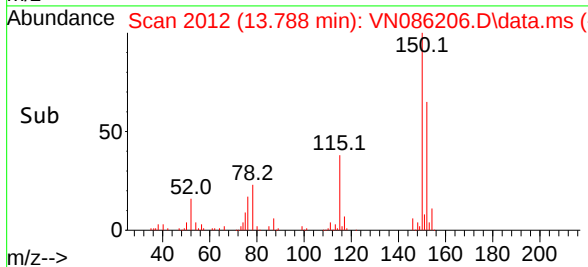
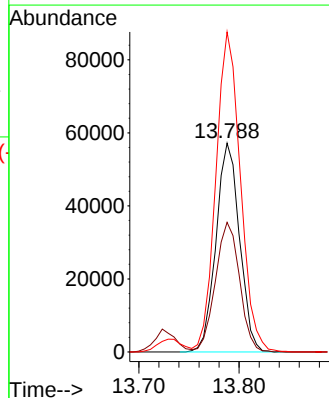
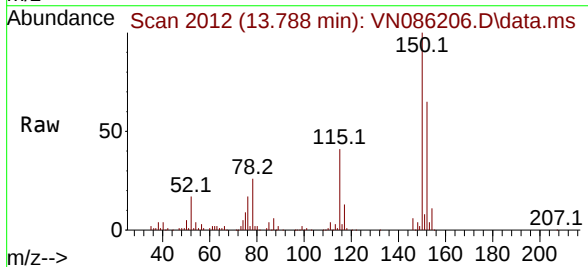
Manual Integrations
APPROVED

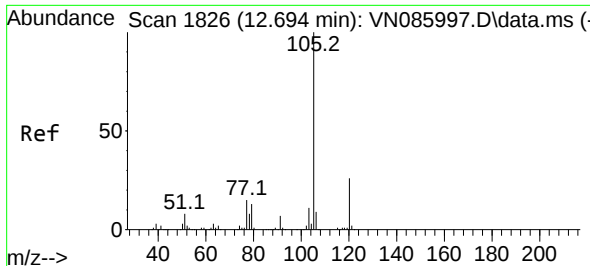
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Tgt Ion:152 Resp: 93135
Ion Ratio Lower Upper
152 100
115 63.8 31.1 93.2
150 159.8 0.0 359.6





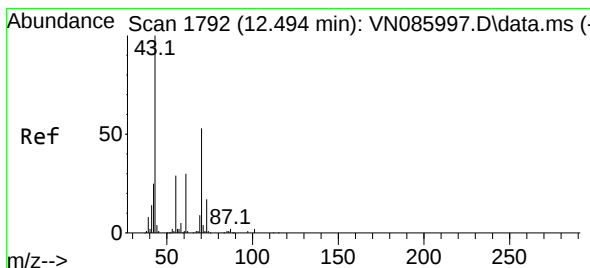
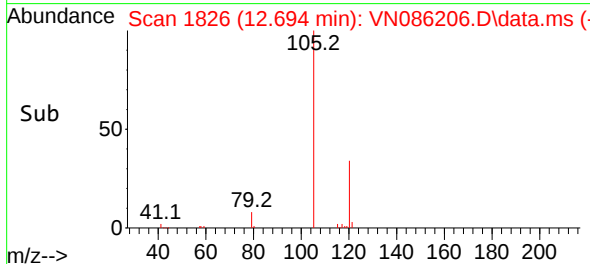
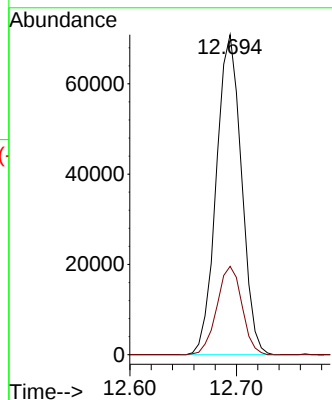
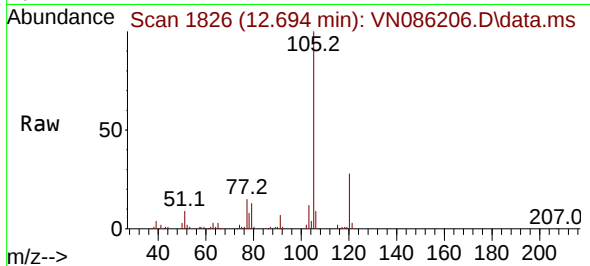
#73
Isopropylbenzene
Concen: 18.242 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01

Tgt Ion:105 Resp: 11602
Ion Ratio Lower Upper
105 100
120 27.5 13.0 39.0

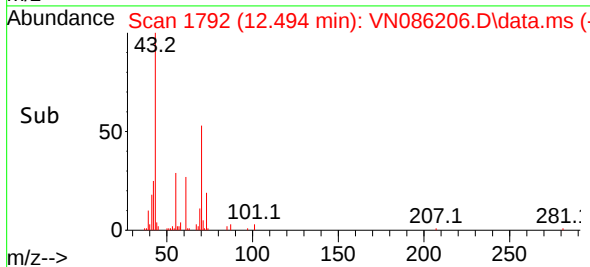
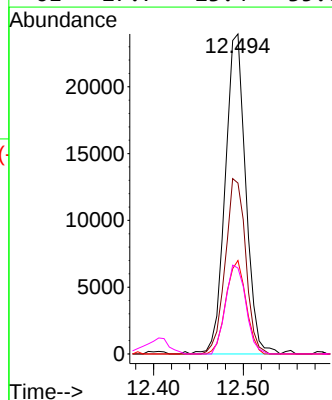
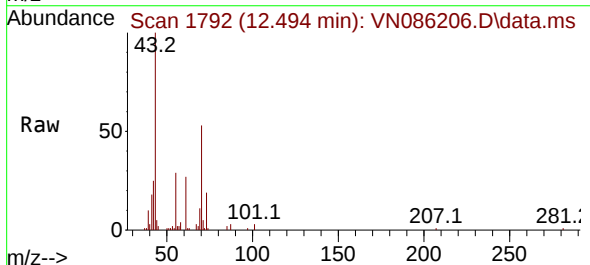
Manual Integrations
APPROVED

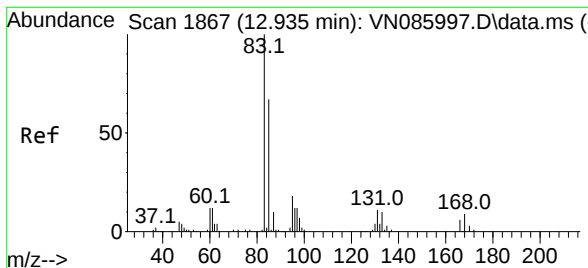
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#74
N-ethyl acetate
Concen: 17.870 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

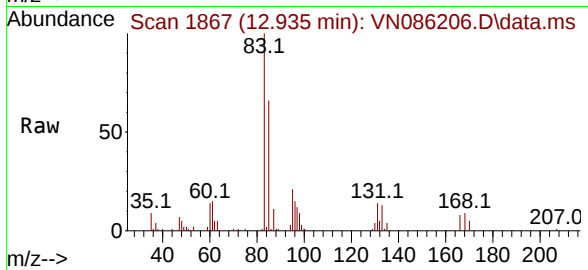
Tgt Ion: 43 Resp: 38025
Ion Ratio Lower Upper
43 100
70 54.5 43.0 64.4
55 28.7 23.8 35.8
61 27.7 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 15.279 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

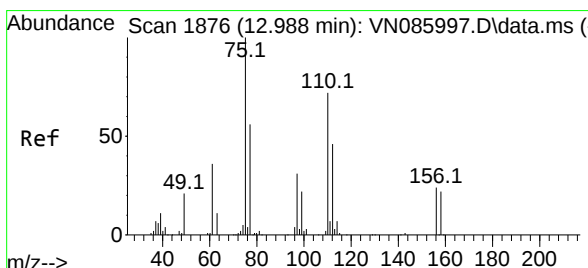
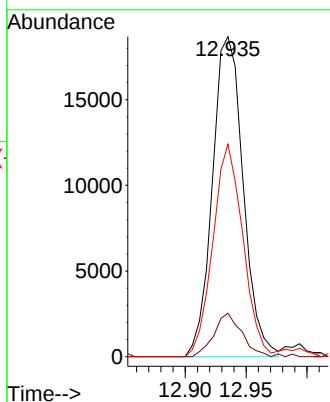
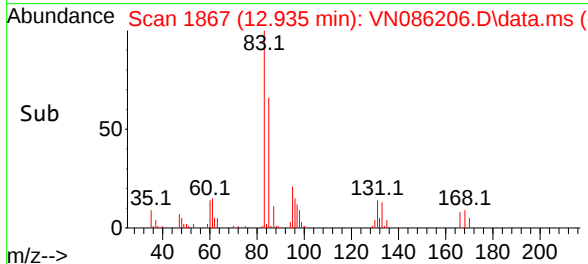
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



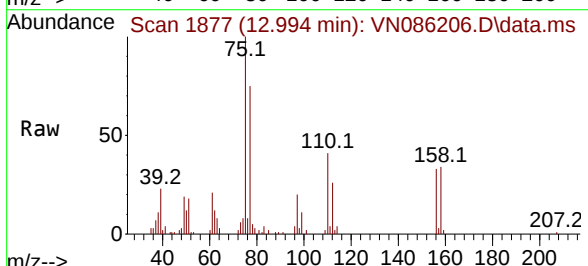
Tgt Ion: 83 Resp: 32870
Ion Ratio Lower Upper
83 100
131 12.2 5.5 16.5
85 64.9 32.6 97.8

Manual Integrations
APPROVED

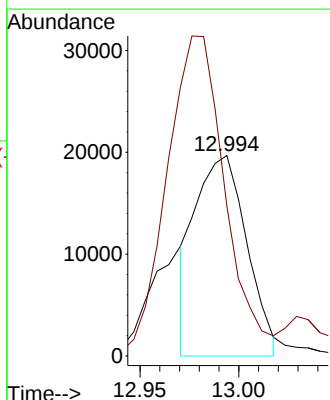
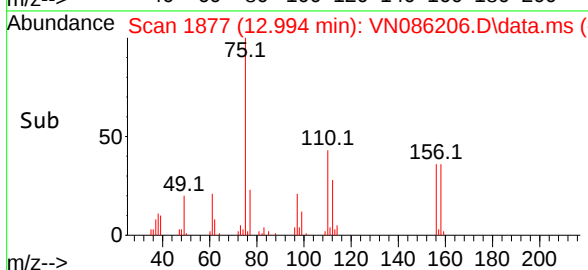
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

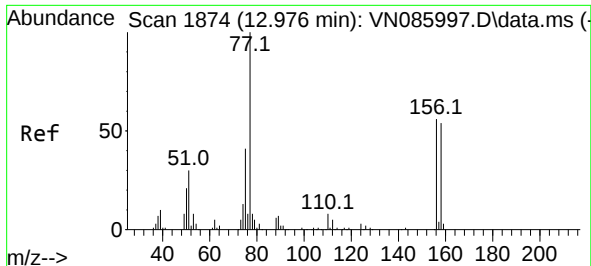


#76
1,2,3-Trichloropropane
Concen: 17.093 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18



Tgt Ion: 75 Resp: 35640
Ion Ratio Lower Upper
75 100
77 180.5 83.7 251.0





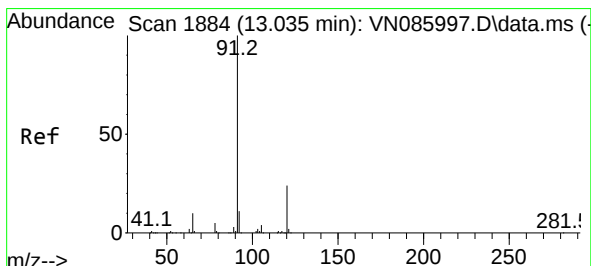
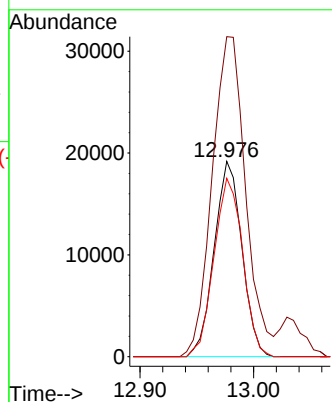
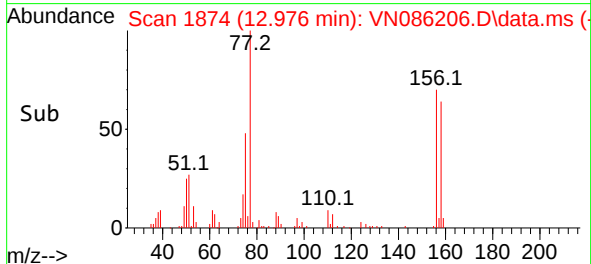
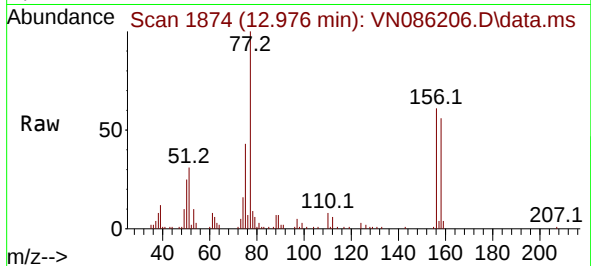
#77
Bromobenzene
Concen: 18.350 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01

Tgt Ion:156 Resp: 3254
Ion Ratio Lower Upper
156 100
77 197.7 104.1 312.3
158 94.8 49.0 147.0

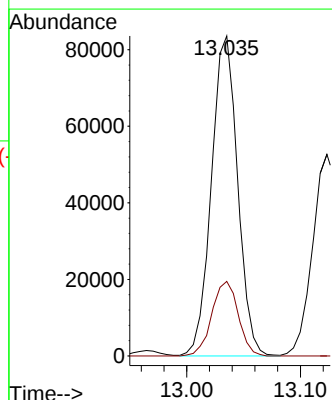
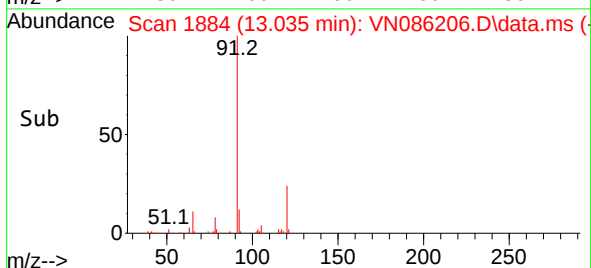
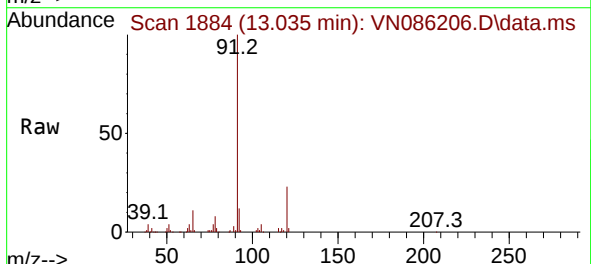
Manual Integrations
APPROVED

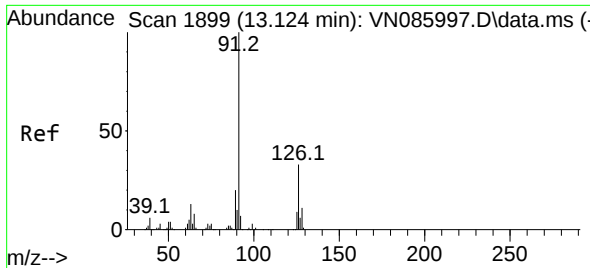
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#78
n-propylbenzene
Concen: 18.630 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

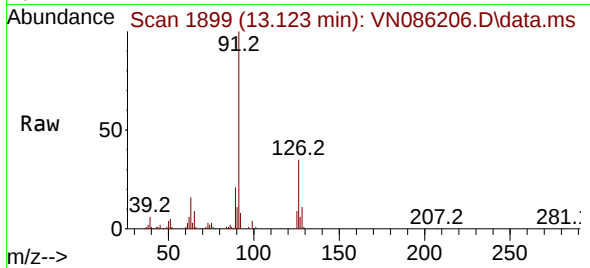
Tgt Ion: 91 Resp: 134167
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.0





#79
2-Chlorotoluene
Concen: 18.809 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

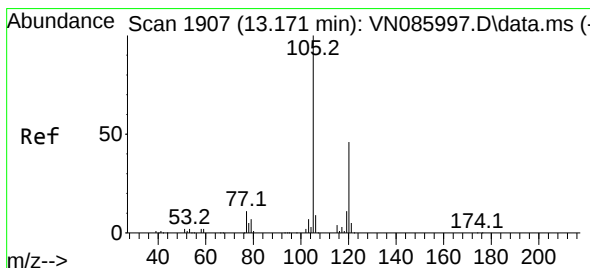
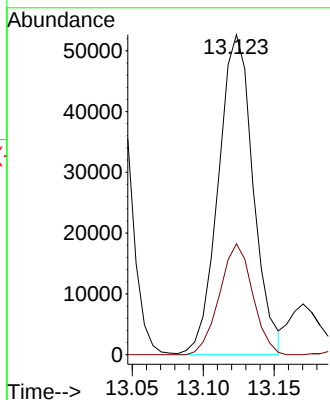
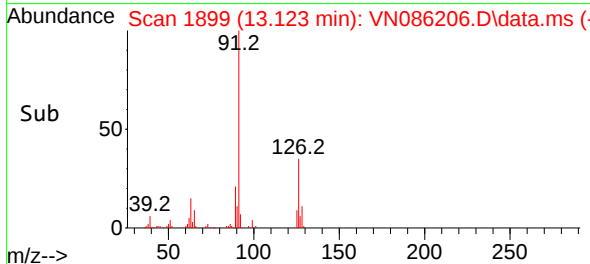
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



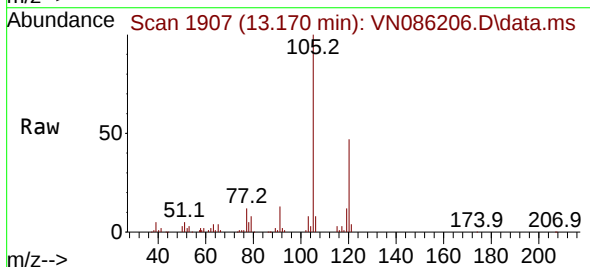
Tgt Ion: 91 Resp: 8997
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.2

Manual Integrations
APPROVED

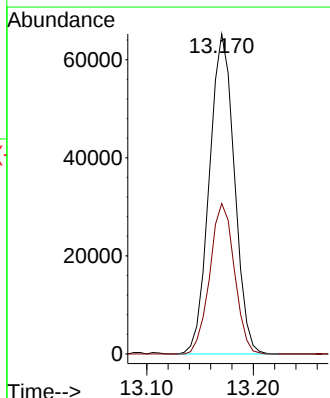
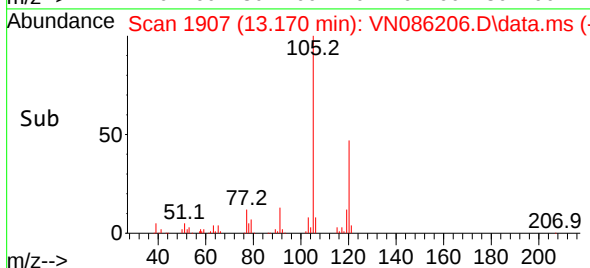
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

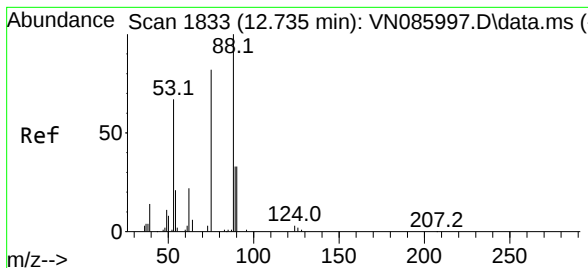


#80
1,3,5-Trimethylbenzene
Concen: 19.814 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18



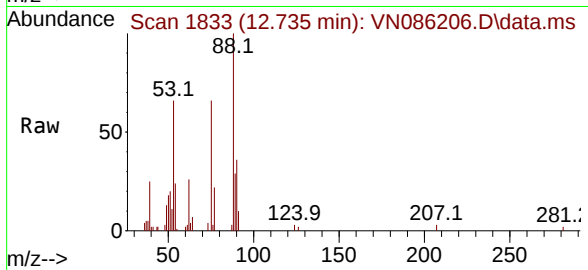
Tgt Ion:105 Resp: 106394
Ion Ratio Lower Upper
105 100
120 46.2 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 16.056 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

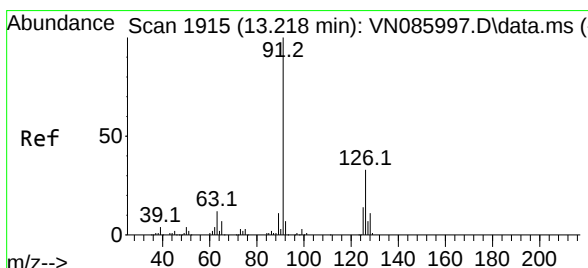
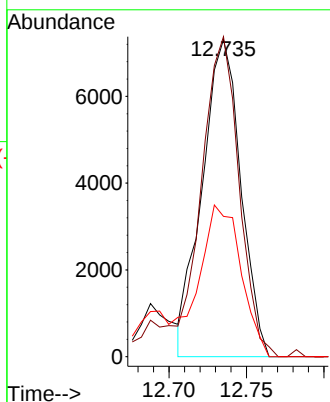
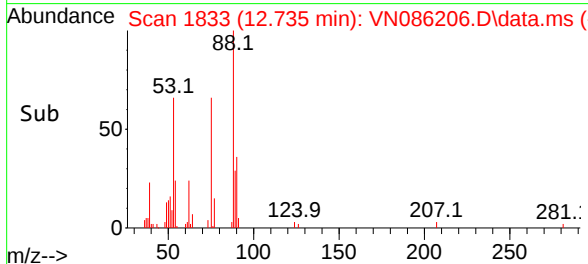
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



Tgt Ion: 75 Resp: 1266
Ion Ratio Lower Upper
75 100
53 107.5 66.0 99.0
89 53.0 36.9 55.3

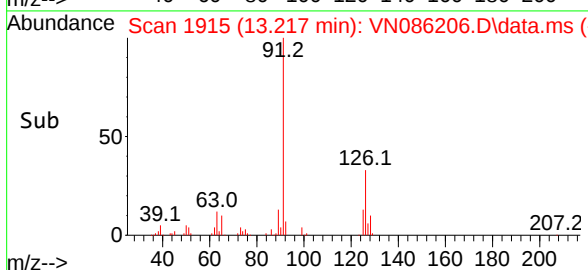
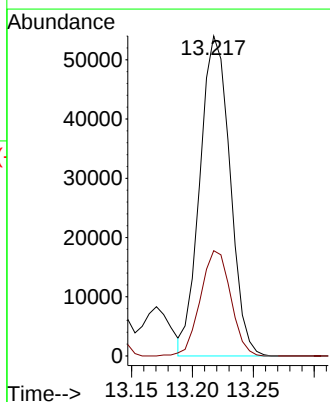
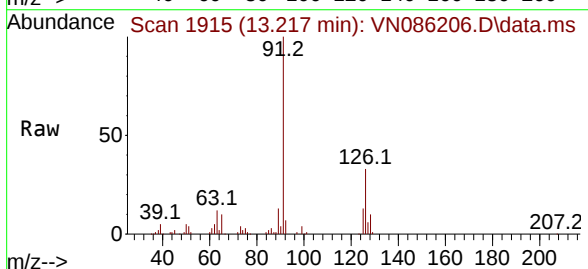
Manual Integrations
APPROVED

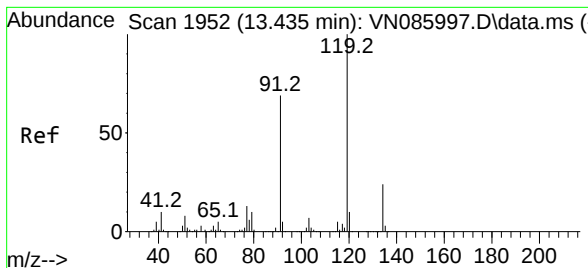
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#82
4-Chlorotoluene
Concen: 18.917 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

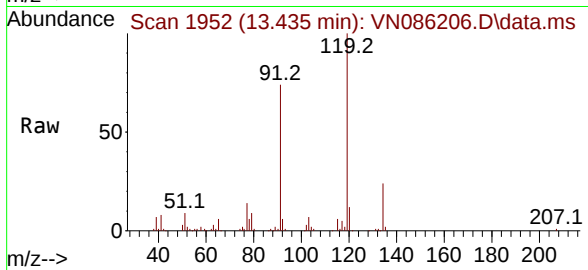
Tgt Ion: 91 Resp: 93054
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.2





#83
tert-Butylbenzene
Concen: 18.552 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

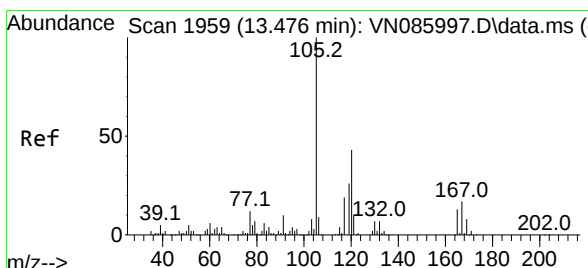
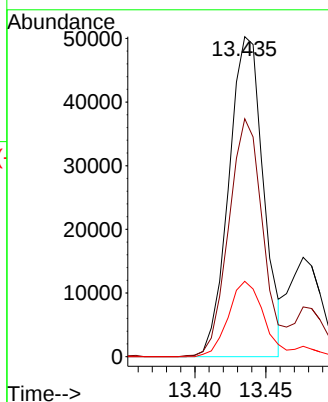
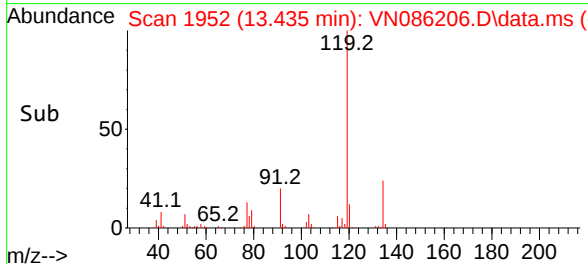
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



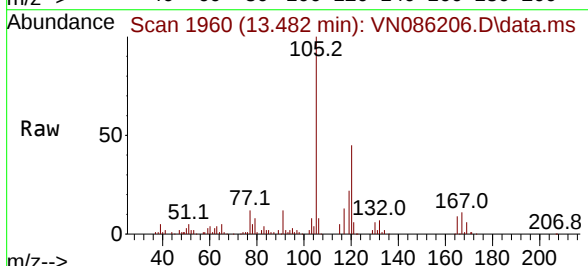
Tgt Ion:119 Resp: 85199
Ion Ratio Lower Upper
119 100
91 74.2 34.3 102.9
134 24.3 13.5 40.5

Manual Integrations
APPROVED

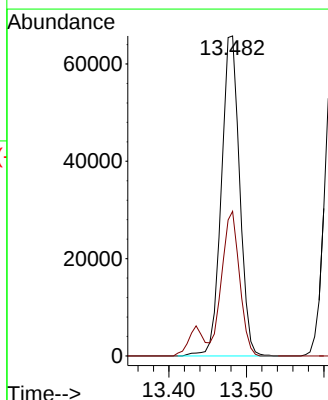
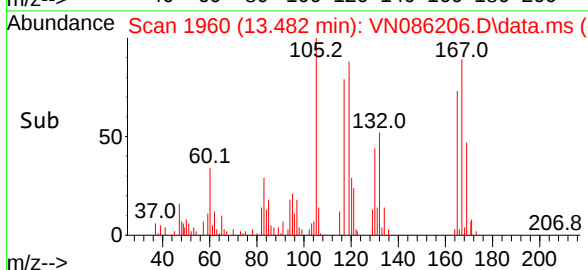
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

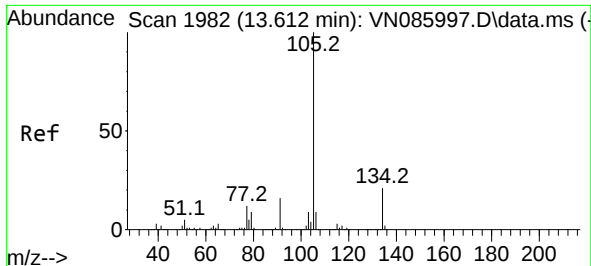


#84
1,2,4-Trimethylbenzene
Concen: 19.850 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18



Tgt Ion:105 Resp: 107507
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





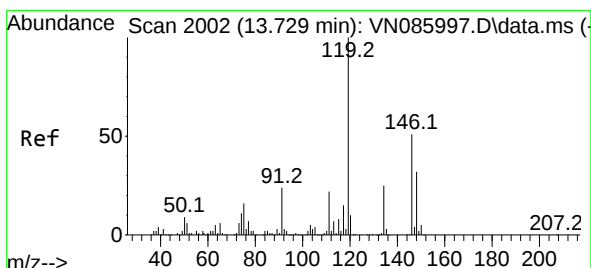
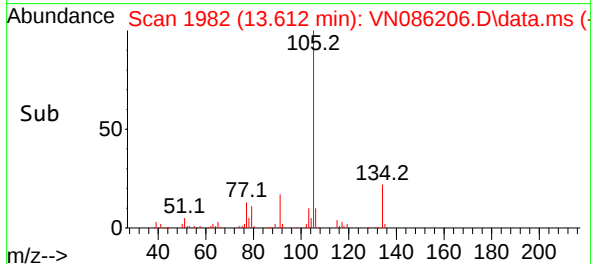
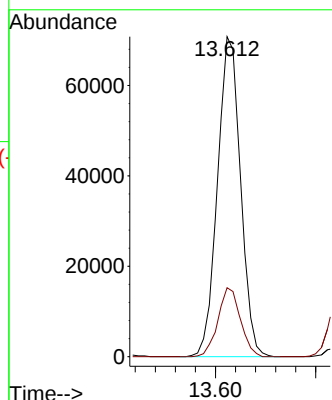
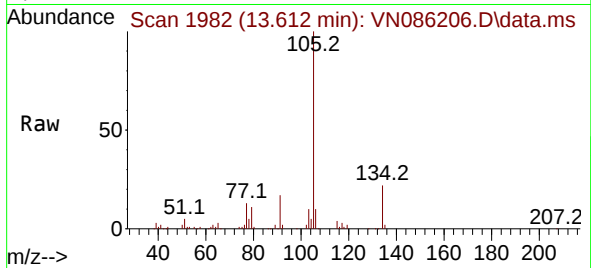
#85
 sec-Butylbenzene
 Concen: 18.805 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086206.D
 Acq: 02 Apr 2025 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBSD01

Tgt Ion:105 Resp: 112664
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.1

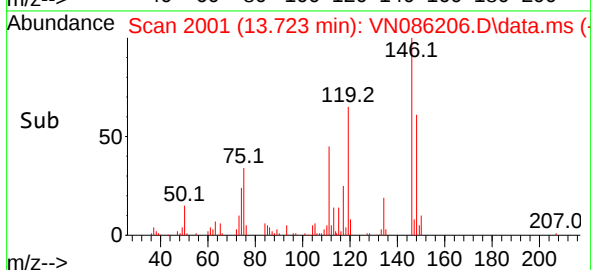
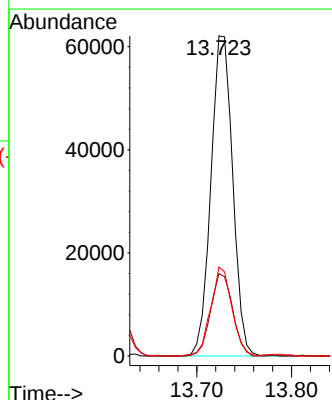
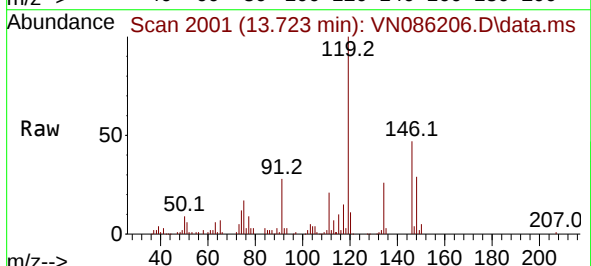
Manual Integrations
 APPROVED

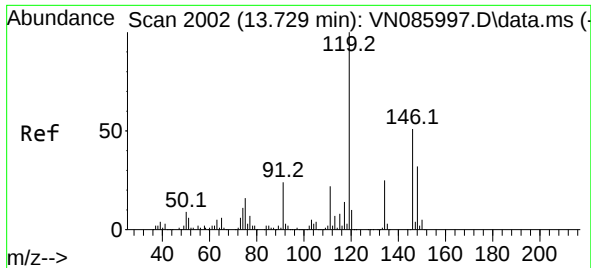
Reviewed By :John Carlone 04/03/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#86
 p-Isopropyltoluene
 Concen: 19.557 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN086206.D
 Acq: 02 Apr 2025 14:18

Tgt Ion:119 Resp: 99184
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 27.0 12.3 36.8





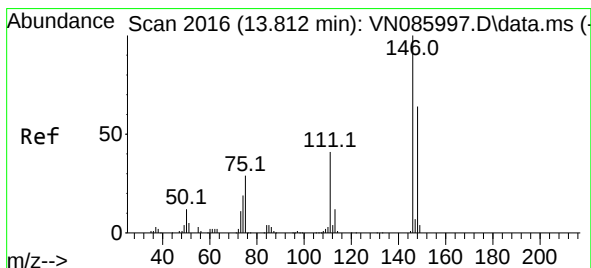
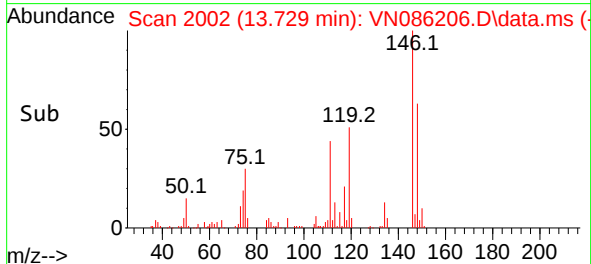
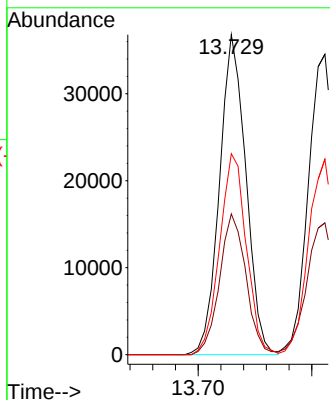
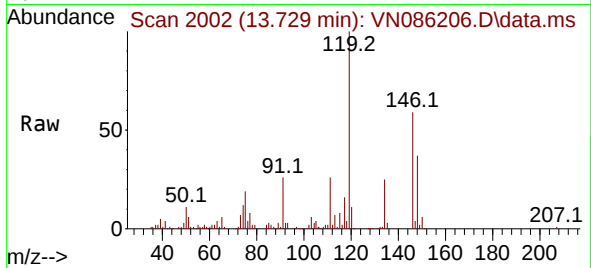
#87
1,3-Dichlorobenzene
Concen: 18.581 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01

Tgt Ion:146 Resp: 59398
Ion Ratio Lower Upper
146 100
111 44.0 21.2 63.6
148 63.6 31.8 95.4

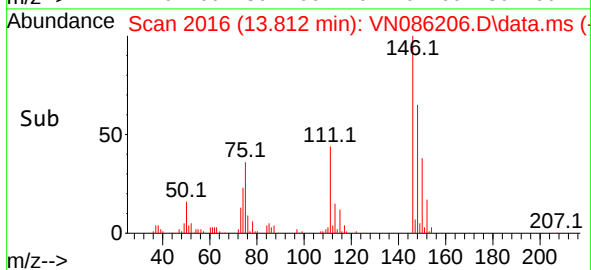
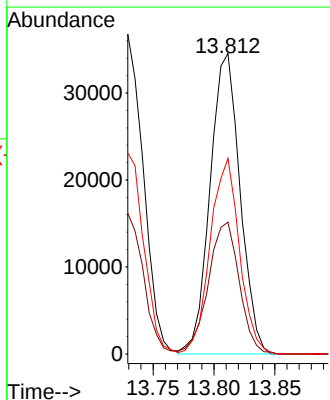
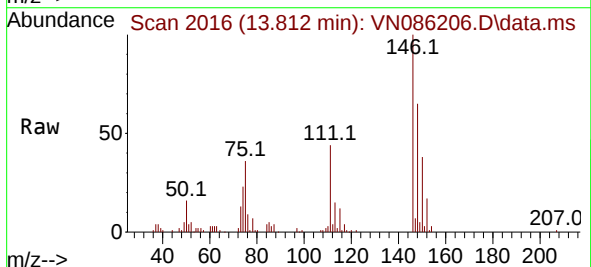
Manual Integrations
APPROVED

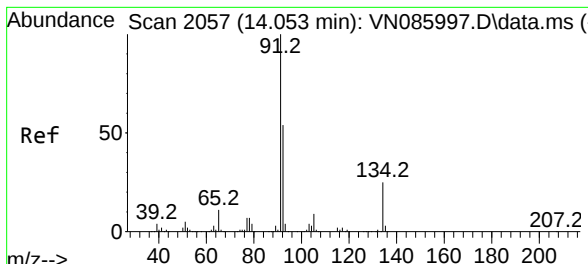
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#88
1,4-Dichlorobenzene
Concen: 17.640 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Tgt Ion:146 Resp: 59245
Ion Ratio Lower Upper
146 100
111 45.5 20.4 61.3
148 63.6 32.1 96.5





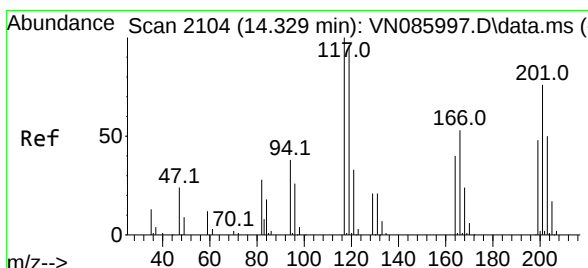
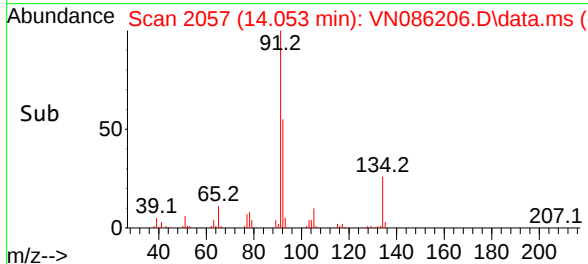
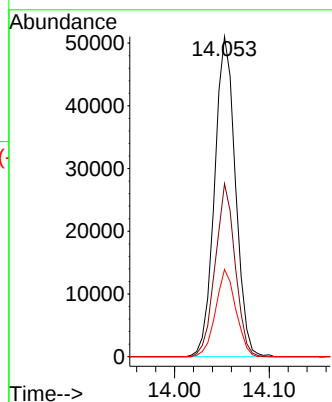
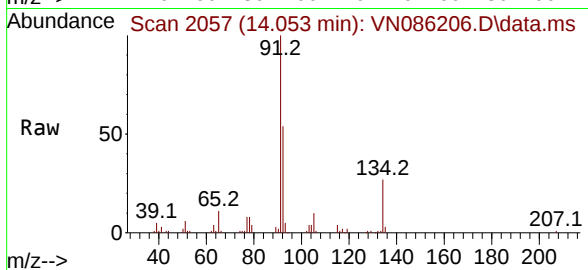
#89
n-Butylbenzene
Concen: 18.913 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.9	80.6
134	26.6	13.0	39.0

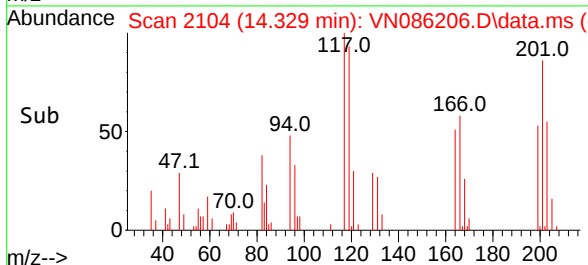
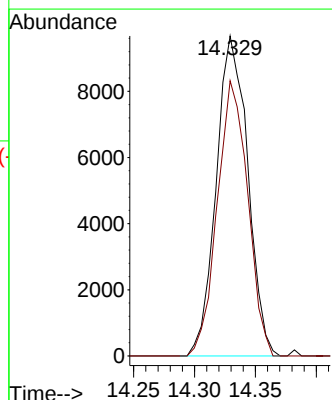
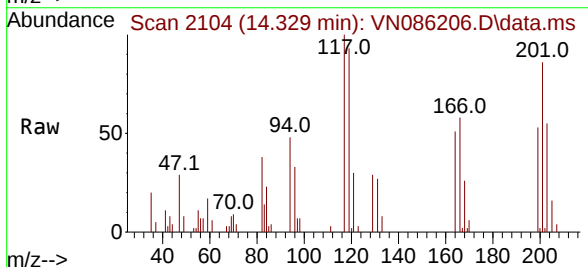
Manual Integrations
APPROVED

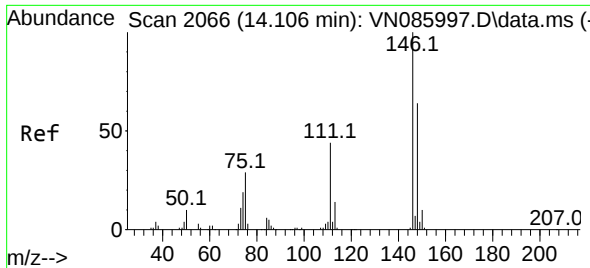
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#90
Hexachloroethane
Concen: 14.872 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.1	39.1	117.3





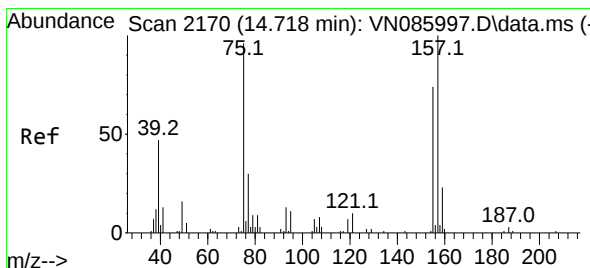
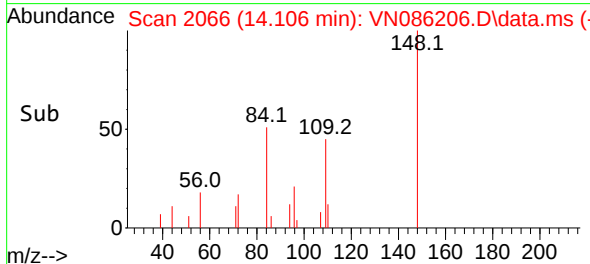
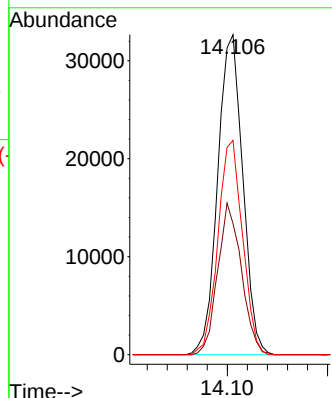
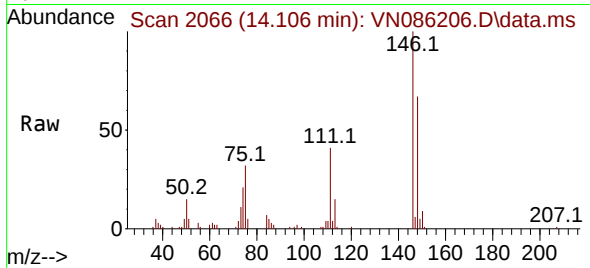
#91
1,2-Dichlorobenzene
Concen: 17.831 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01

Tgt Ion:146 Resp: 5666
Ion Ratio Lower Upper
146 100
111 44.8 22.3 66.8
148 65.6 32.1 96.5

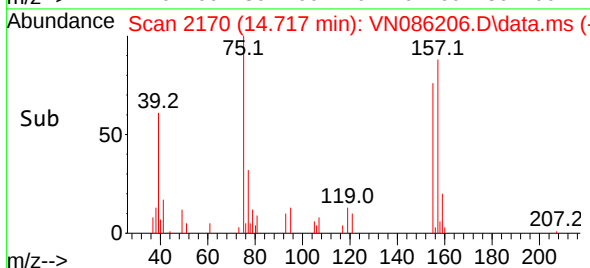
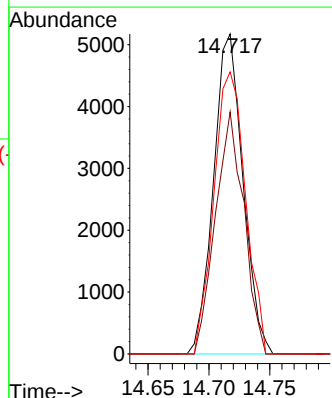
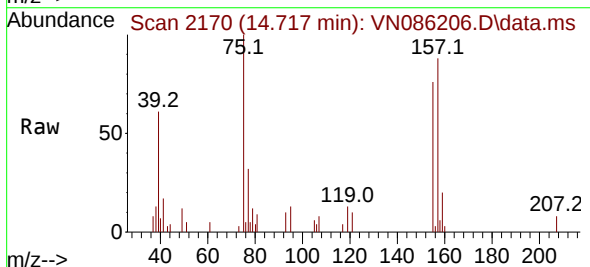
Manual Integrations
APPROVED

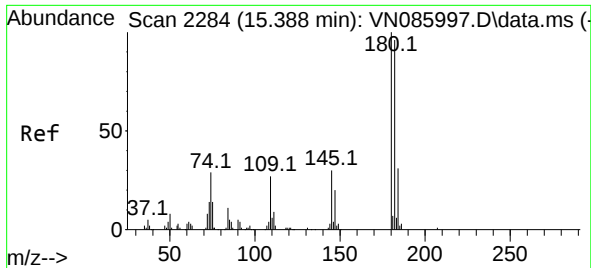
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.295 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

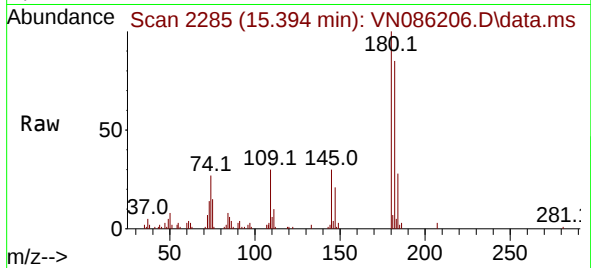
Tgt Ion: 75 Resp: 8717
Ion Ratio Lower Upper
75 100
155 73.1 41.0 123.0
157 94.7 53.7 161.1





#93
1,2,4-Trichlorobenzene
Concen: 20.145 ug/l
RT: 15.394 min Scan# 2284
Delta R.T. 0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

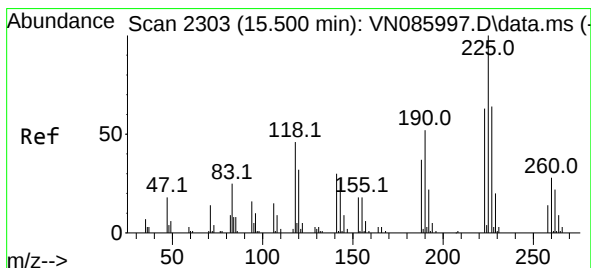
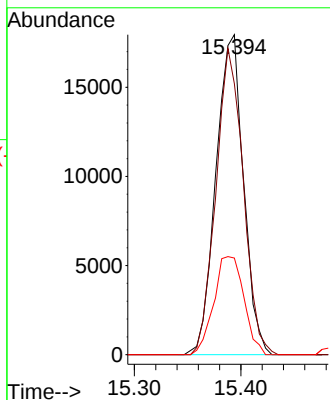
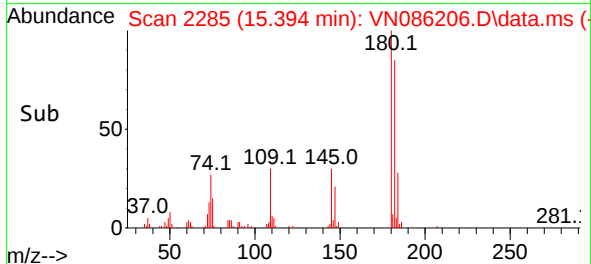
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



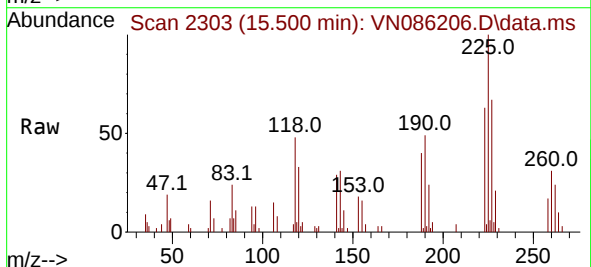
Tgt Ion:180 Resp: 32189
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.0
145 33.6 15.5 46.5

Manual Integrations
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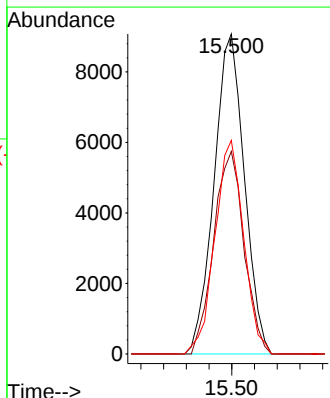
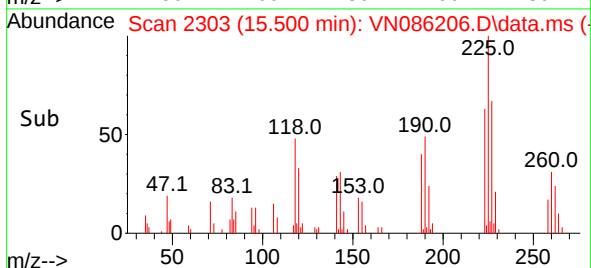
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

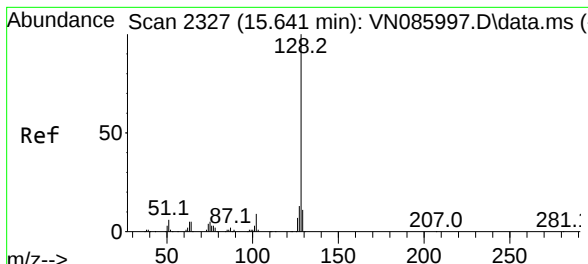


#94
Hexachlorobutadiene
Concen: 18.149 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18



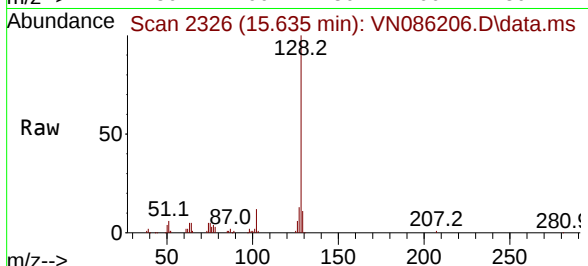
Tgt Ion:225 Resp: 16824
Ion Ratio Lower Upper
225 100
223 63.3 31.3 93.9
227 63.4 32.1 96.3





#95
Naphthalene
Concen: 20.443 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

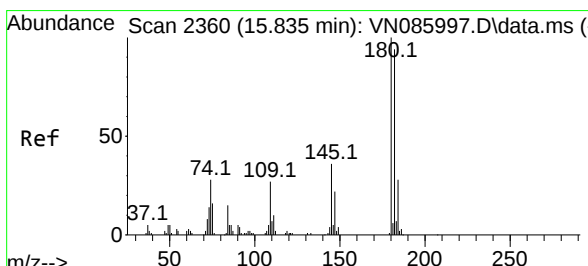
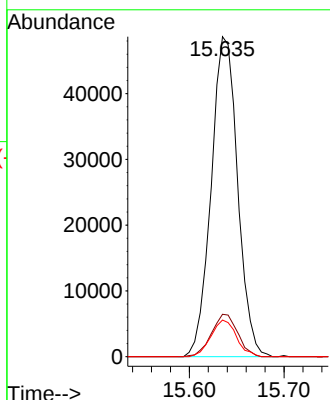
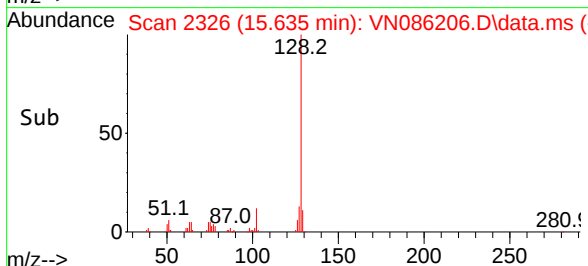
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBSD01



Tgt Ion:128 Resp: 94584
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.1 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.666 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086206.D
Acq: 02 Apr 2025 14:18

Tgt Ion:180 Resp: 29816
Ion Ratio Lower Upper
180 100
182 96.2 47.5 142.5
145 35.2 17.7 53.1

