

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
 Data File : VN086205.D
 Acq On : 02 Apr 2025 13:45
 Operator : JC\MD
 Sample : VN0402WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 03 01:35:04 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	119576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	191599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	173306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	93961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	88008	53.749	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.500%			
35) Dibromofluoromethane	8.165	113	61935	46.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.620%			
50) Toluene-d8	10.565	98	232720	47.948	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.900%			
62) 4-Bromofluorobenzene	12.847	95	91340	52.769	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33680	21.260	ug/l	97
3) Chloromethane	2.365	50	25387	18.280	ug/l	95
4) Vinyl Chloride	2.512	62	27988	19.710	ug/l	97
5) Bromomethane	2.965	94	15720	16.252	ug/l	96
6) Chloroethane	3.118	64	17243	19.248	ug/l	98
7) Trichlorofluoromethane	3.500	101	52127	20.421	ug/l	100
8) Diethyl Ether	3.959	74	13281	16.995	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	25526	18.815	ug/l	98
10) Methyl Iodide	4.589	142	29336	16.595	ug/l #	83
11) Tert butyl alcohol	5.524	59	21697	93.591	ug/l #	88
12) 1,1-Dichloroethene	4.341	96	21926	17.898	ug/l	97
13) Acrolein	4.177	56	3411	13.795	ug/l	94
14) Allyl chloride	5.024	41	23970	15.684	ug/l	90
15) Acrylonitrile	5.706	53	50129	81.876	ug/l	99
16) Acetone	4.430	43	46356	92.667	ug/l	95
17) Carbon Disulfide	4.712	76	63086	15.659	ug/l	98
18) Methyl Acetate	5.018	43	27883	22.528	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	76743	19.117	ug/l	98
20) Methylene Chloride	5.271	84	25386	17.347	ug/l	98
21) trans-1,2-Dichloroethene	5.788	96	23806	17.782	ug/l	86
22) Diisopropyl ether	6.671	45	56209	17.259	ug/l	93
23) Vinyl Acetate	6.600	43	210663	85.327	ug/l	98
24) 1,1-Dichloroethane	6.565	63	42168	17.607	ug/l	98
25) 2-Butanone	7.482	43	61305	84.931	ug/l	92
26) 2,2-Dichloropropane	7.488	77	46805	20.300	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	28098	18.469	ug/l	96
28) Bromochloromethane	7.812	49	17832	17.574	ug/l	97
29) Tetrahydrofuran	7.841	42	37834	84.901	ug/l	90
30) Chloroform	7.965	83	51281	19.372	ug/l	99
31) Cyclohexane	8.253	56	34890	17.101	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	52743	21.048	ug/l	97
36) 1,1-Dichloropropene	8.371	75	33719	19.148	ug/l	98
37) Ethyl Acetate	7.559	43	25134	16.918	ug/l	98
38) Carbon Tetrachloride	8.359	117	47451	20.494	ug/l	98
39) Methylcyclohexane	9.600	83	33207	19.007	ug/l	97
40) Benzene	8.600	78	101279	18.321	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	13457	18.970	ug/l	96
42) 1,2-Dichloroethane	8.671	62	39960	20.746	ug/l	98
43) Isopropyl Acetate	8.682	43	63592m	19.754	ug/l	
44) Trichloroethene	9.353	130	28195	19.679	ug/l	100
45) 1,2-Dichloropropane	9.618	63	22543	17.929	ug/l	97
46) Dibromomethane	9.706	93	19286	19.505	ug/l	96
47) Bromodichloromethane	9.888	83	40631	19.661	ug/l	97
48) Methyl methacrylate	9.676	41	19971	18.800	ug/l	95
49) 1,4-Dioxane	9.688	88	9478	377.421	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	132566	93.373	ug/l	99
52) Toluene	10.623	92	67162	19.795	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	39484	19.674	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	40108	18.941	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	24722	19.091	ug/l	97
56) Ethyl methacrylate	10.871	69	34311	19.439	ug/l	98
57) 1,3-Dichloropropane	11.159	76	41021	18.650	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	70765	105.335	ug/l	95
59) 2-Hexanone	11.194	43	98784	95.510	ug/l	96
60) Dibromochloromethane	11.359	129	31909	19.096	ug/l	96
61) 1,2-Dibromoethane	11.465	107	26460	19.903	ug/l	98
64) Tetrachloroethene	11.106	164	29570	21.389	ug/l	94
65) Chlorobenzene	11.888	112	74487	18.783	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	29076	19.723	ug/l	98
67) Ethyl Benzene	11.959	91	122433	19.300	ug/l	100
68) m/p-Xylenes	12.070	106	97893	39.262	ug/l	99
69) o-Xylene	12.394	106	46323	20.242	ug/l	100
70) Styrene	12.412	104	79597	20.364	ug/l	98
71) Bromoform	12.576	173	22915	18.594	ug/l #	99
73) Isopropylbenzene	12.694	105	118770	18.510	ug/l	100
74) N-amyl acetate	12.494	43	37339	17.393	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	33179	15.284	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	34509m	16.405	ug/l	
77) Bromobenzene	12.976	156	31921	17.841	ug/l	95
78) n-propylbenzene	13.035	91	133857	18.423	ug/l	100
79) 2-Chlorotoluene	13.123	91	90937	18.843	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	107699	19.880	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	14912	18.742	ug/l	99
82) 4-Chlorotoluene	13.217	91	91390	18.415	ug/l	97
83) tert-Butylbenzene	13.435	119	92123	19.883	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	112772	20.639	ug/l	98
85) sec-Butylbenzene	13.611	105	114755	18.986	ug/l	98
86) p-Isopropyltoluene	13.723	119	100100	19.564	ug/l	96
87) 1,3-Dichlorobenzene	13.729	146	58487	18.136	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	59408	17.533	ug/l	98
89) n-Butylbenzene	14.053	91	76292	18.311	ug/l	99
90) Hexachloroethane	14.335	117	18898	16.007	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	56802	17.718	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.711	75	9079	20.952	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	31442	19.505	ug/l	96
94) Hexachlorobutadiene	15.500	225	16450	17.589	ug/l	97
95) Naphthalene	15.635	128	97985	20.992	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	30364	19.851	ug/l	98

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

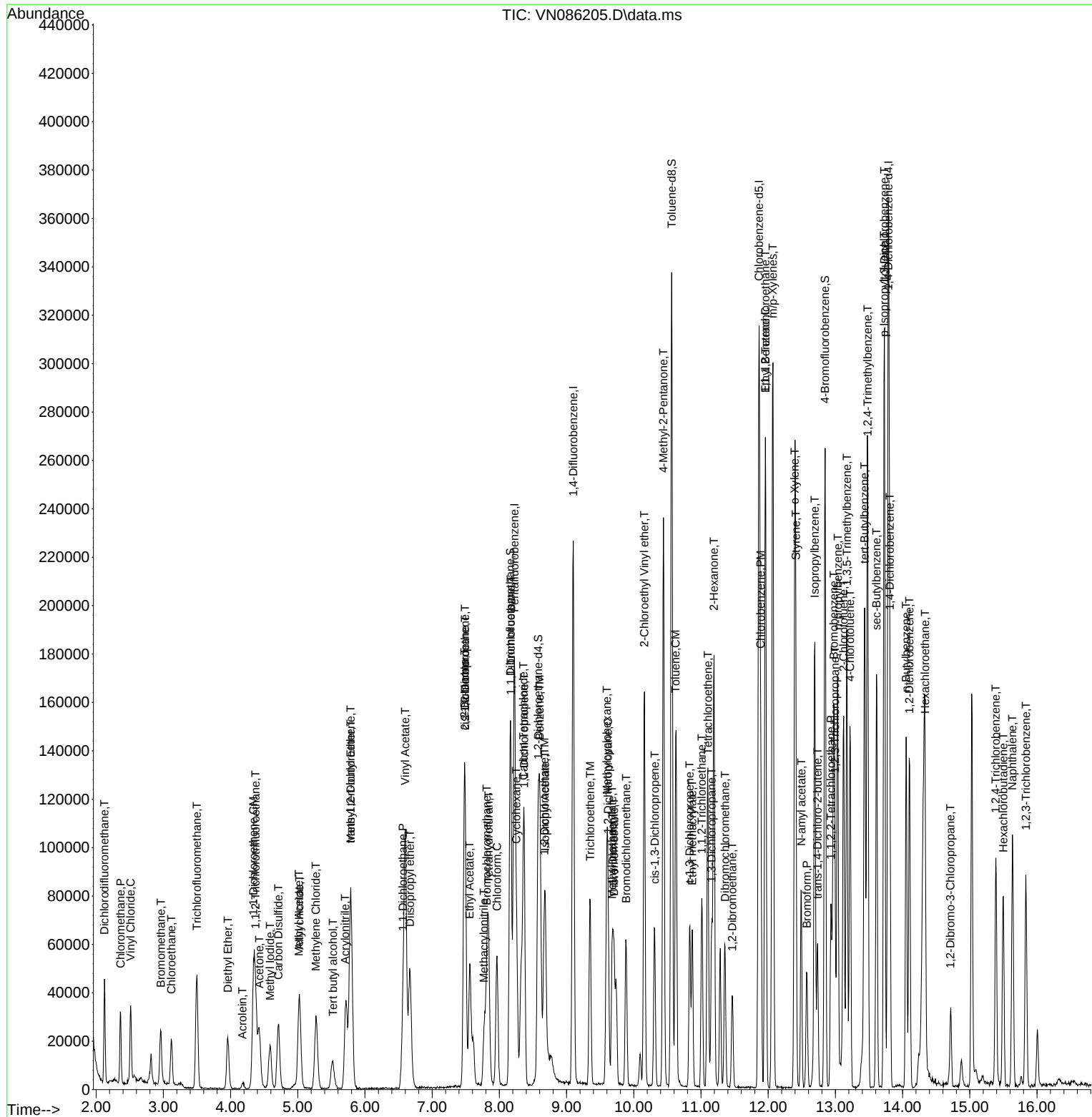
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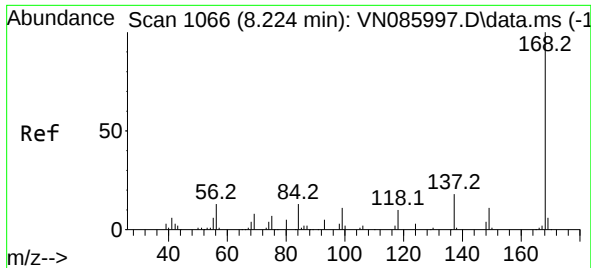
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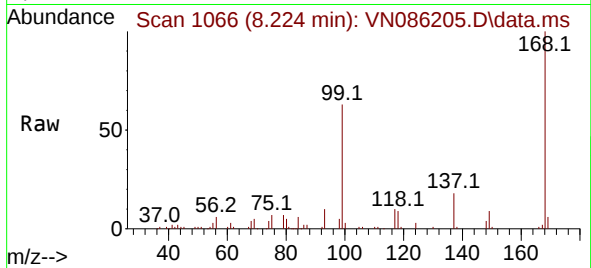
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086205.D
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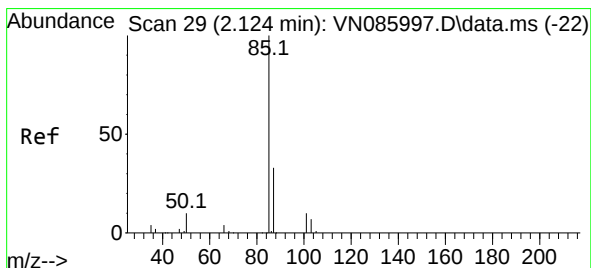
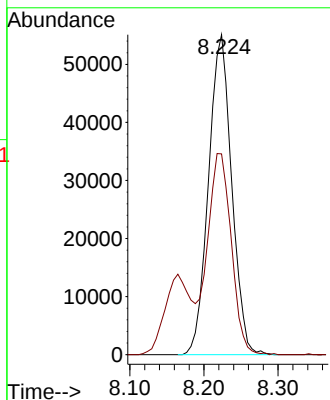
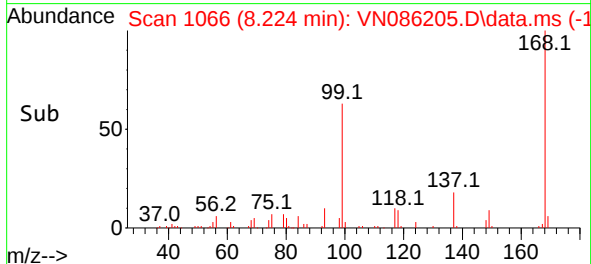
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



Tgt Ion:168 Resp: 119570
Ion Ratio Lower Upper
168 100
99 62.8 49.4 74.2

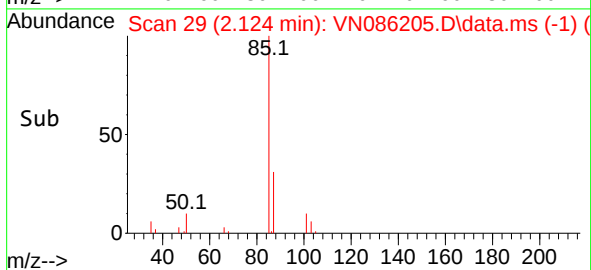
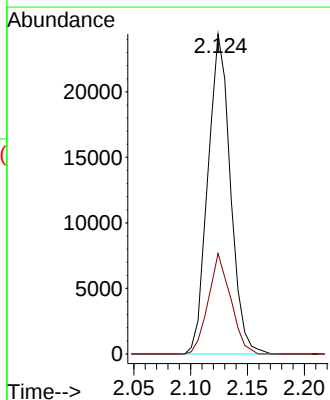
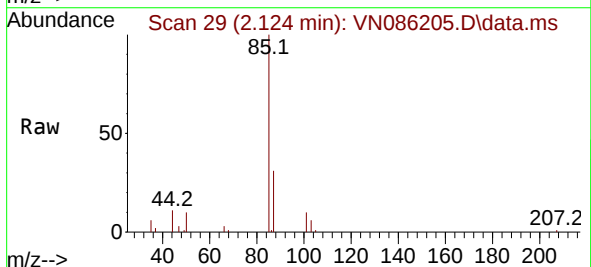
Manual Integrations
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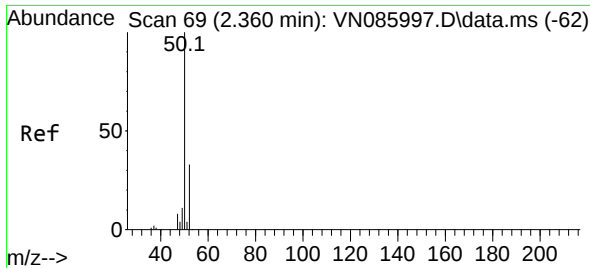
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#2
Dichlorodifluoromethane
Concen: 21.260 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

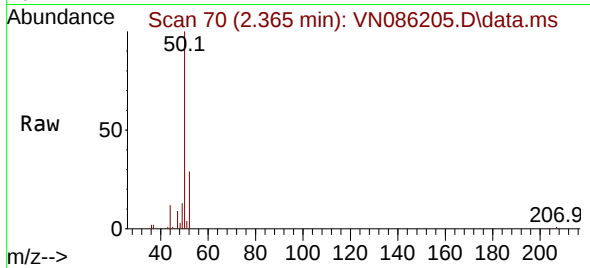
Tgt Ion: 85 Resp: 33680
Ion Ratio Lower Upper
85 100
87 31.4 16.5 49.5





#3
Chloromethane
Concen: 18.280 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

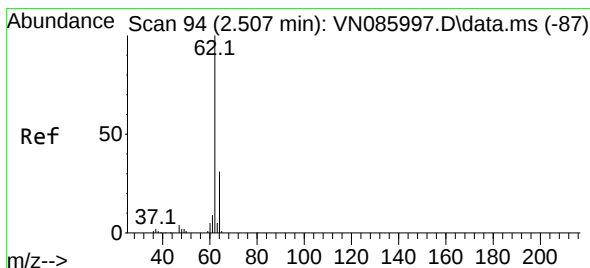
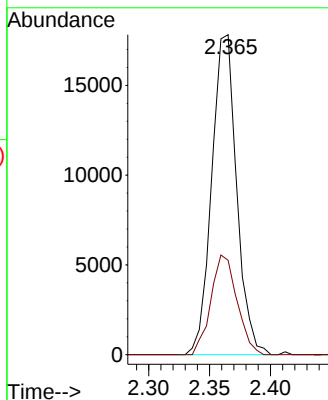
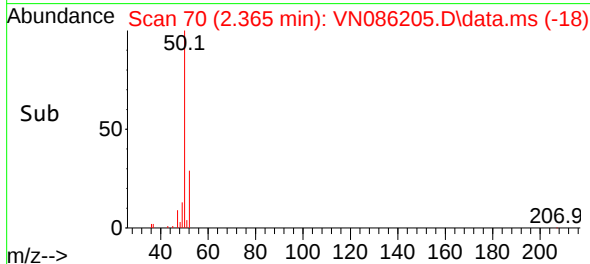
Instrument :
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Tgt Ion: 50 Resp: 2538
Ion Ratio Lower Upper
50 100
52 29.5 26.0 39.0

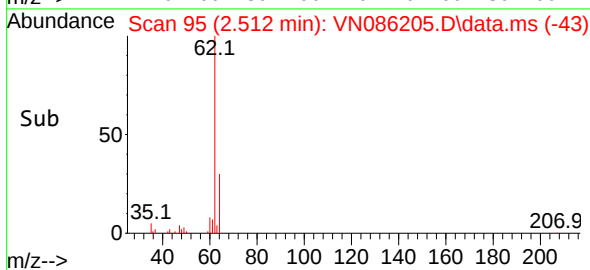
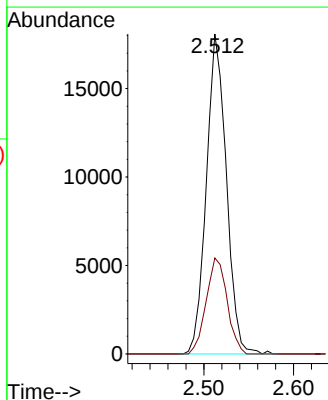
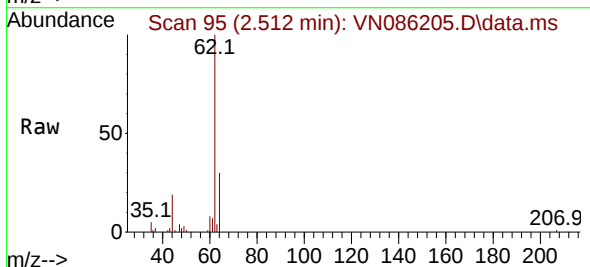
Manual Integrations
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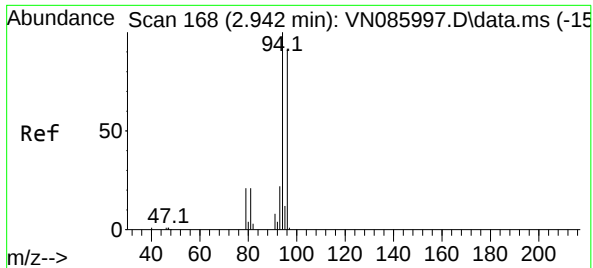
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#4
Vinyl Chloride
Concen: 19.710 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

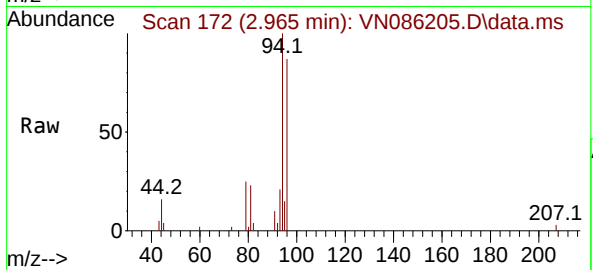
Tgt Ion: 62 Resp: 27988
Ion Ratio Lower Upper
62 100
64 30.0 25.2 37.8





#5
Bromomethane
Concen: 16.252 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

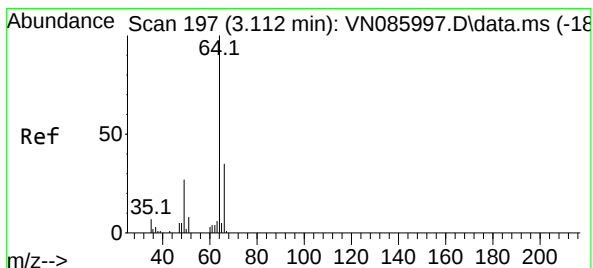
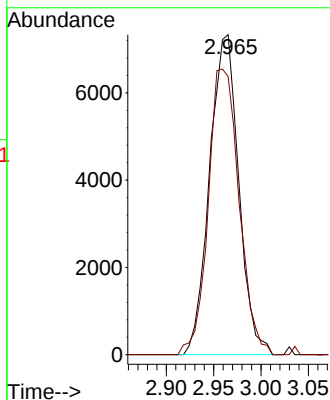
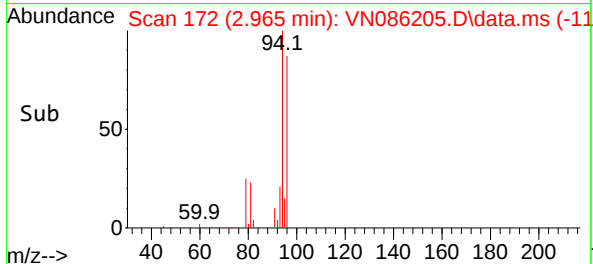
Instrument :
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Tgt Ion: 94 Resp: 15720
Ion Ratio Lower Upper
94 100
96 86.9 72.8 109.2

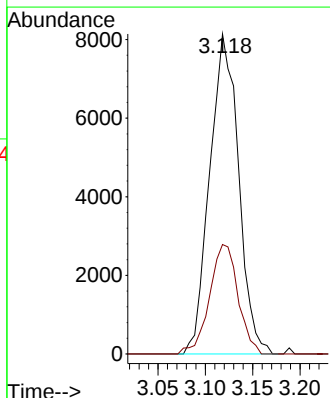
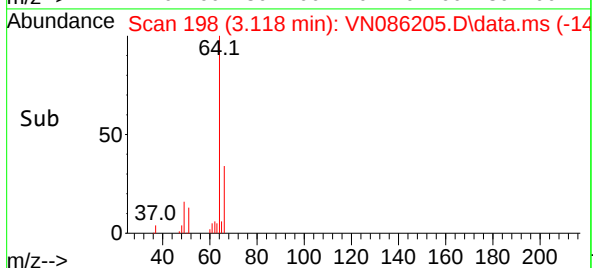
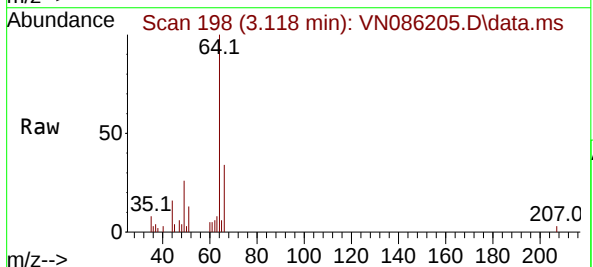
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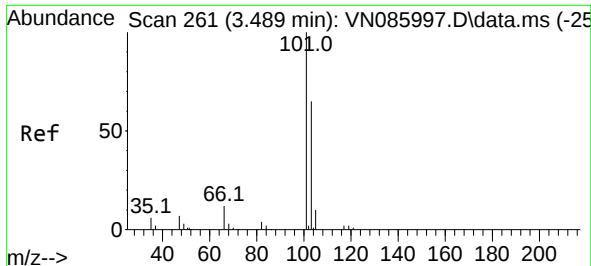
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#6
Chloroethane
Concen: 19.248 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Tgt Ion: 64 Resp: 17243
Ion Ratio Lower Upper
64 100
66 34.2 28.3 42.5





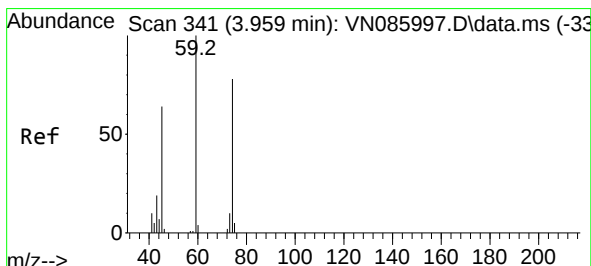
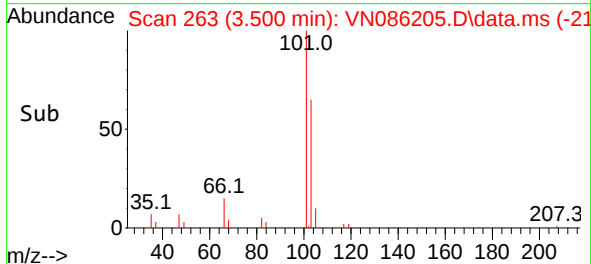
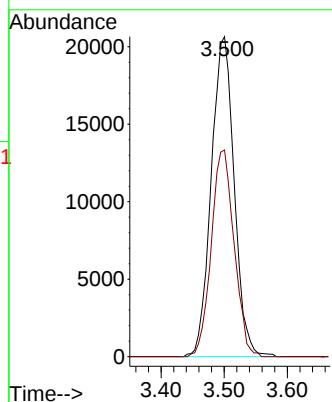
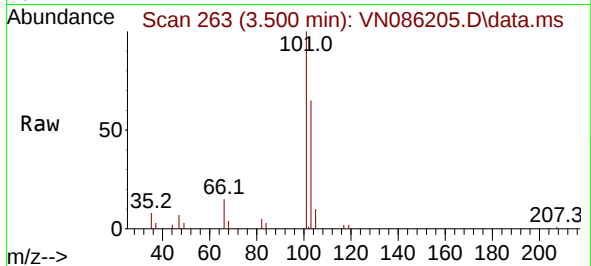
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 Trichlorofluoromethane
 Concen: 20.421 ug/l
 RT: 3.500 min Scan# 261
 Delta R.T. 0.012 min
 Lab File: VN086205.D
 Acq: 02 Apr 2025 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:101 Resp: 5212
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5

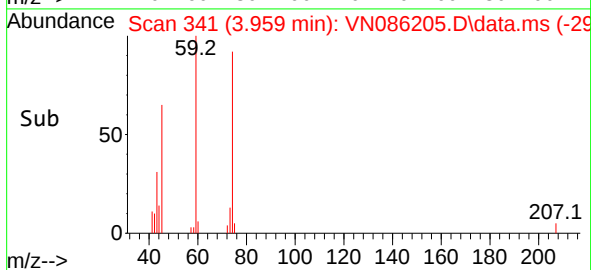
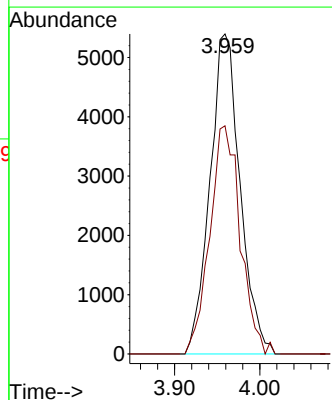
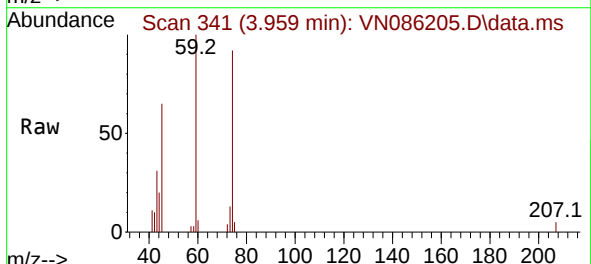
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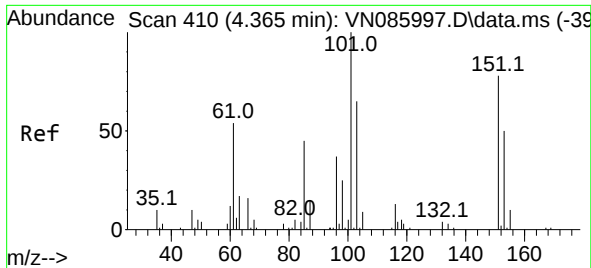
Reviewed By :John Carlone 04/03/2025
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#8
 Diethyl Ether
 Concen: 16.995 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086205.D
 Acq: 02 Apr 2025 13:45

Tgt Ion: 74 Resp: 13281
 Ion Ratio Lower Upper
 74 100
 45 72.0 38.0 113.9





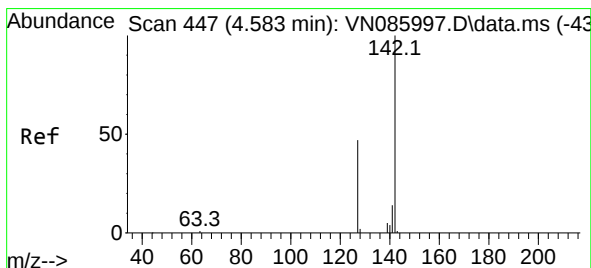
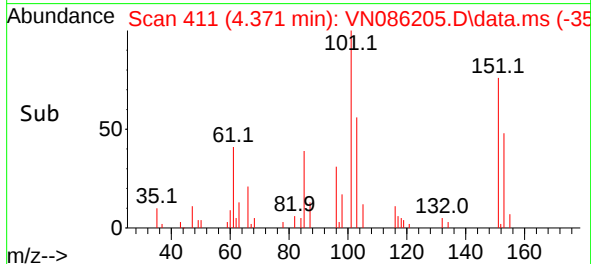
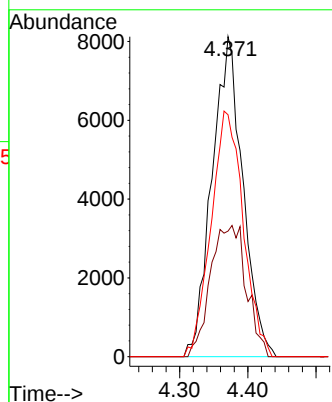
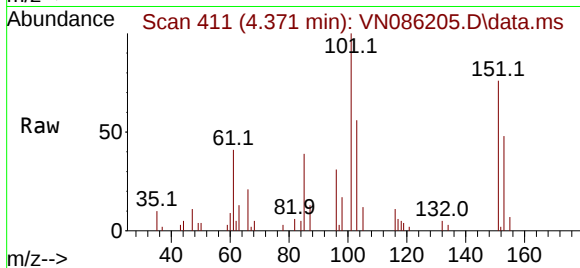
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.815 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01

Tgt Ion:101 Resp: 25520
Ion Ratio Lower Upper
101 100
85 47.7 36.5 54.7
151 80.2 63.4 95.0

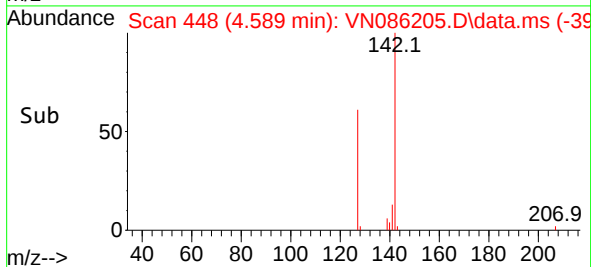
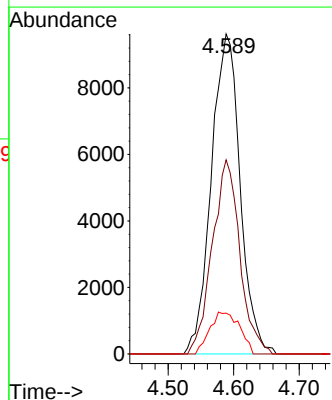
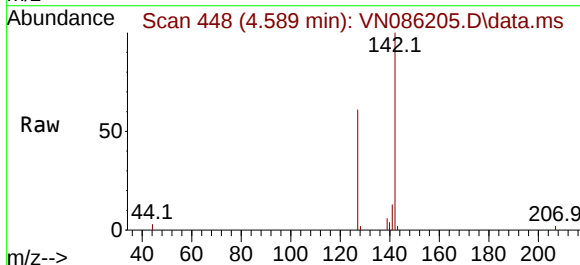
Manual Integrations
APPROVED

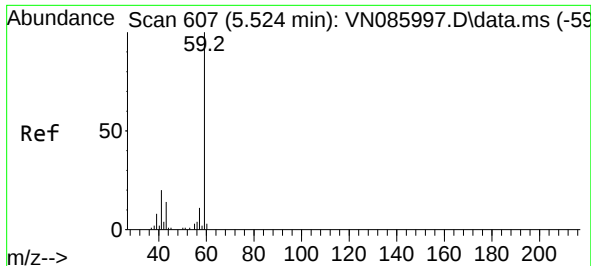
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#10
Methyl Iodide
Concen: 16.595 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

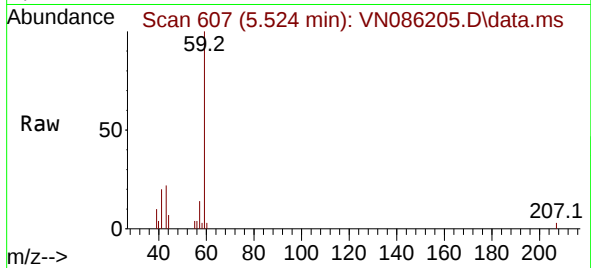
Tgt Ion:142 Resp: 29336
Ion Ratio Lower Upper
142 100
127 60.7 37.5 56.3#
141 12.8 11.0 16.6





#11
Tert butyl alcohol
Concen: 93.591 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

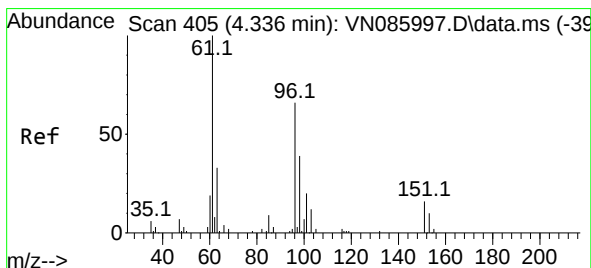
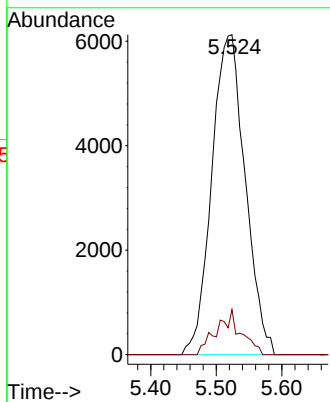
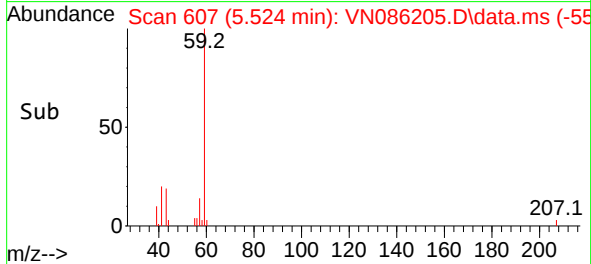
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



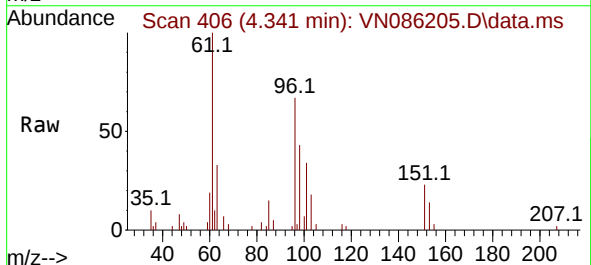
Tgt Ion: 59 Resp: 2169
Ion Ratio Lower Upper
59 100
57 5.4 7.9 11.9

Manual Integrations
APPROVED

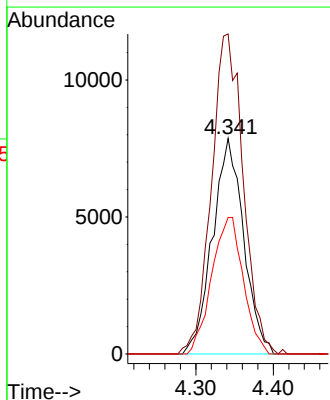
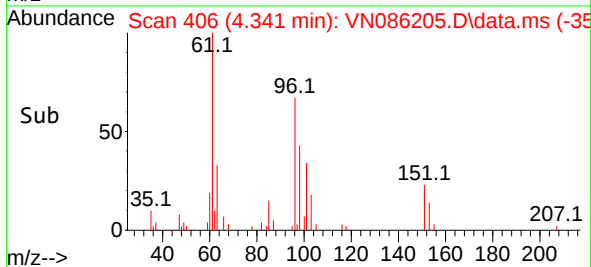
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

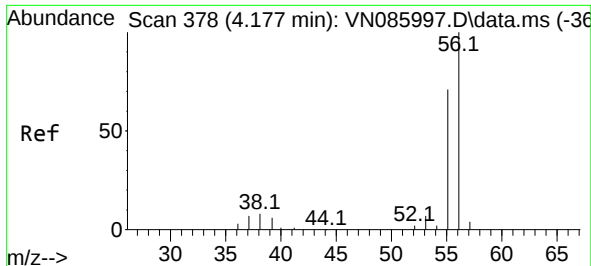


#12
1,1-Dichloroethene
Concen: 17.898 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45



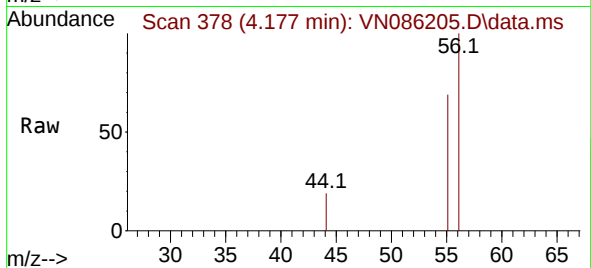
Tgt Ion: 96 Resp: 21926
Ion Ratio Lower Upper
96 100
61 148.5 120.5 180.7
98 63.4 47.4 71.0





#13
Acrolein
Concen: 13.795 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

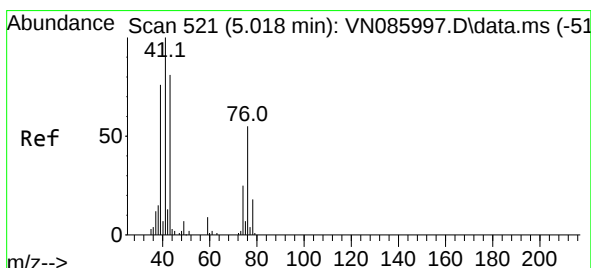
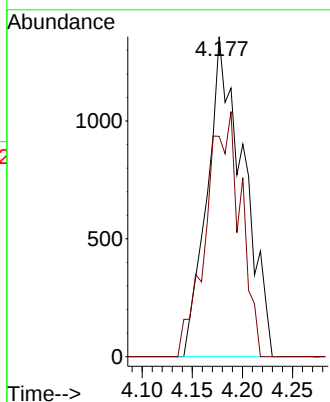
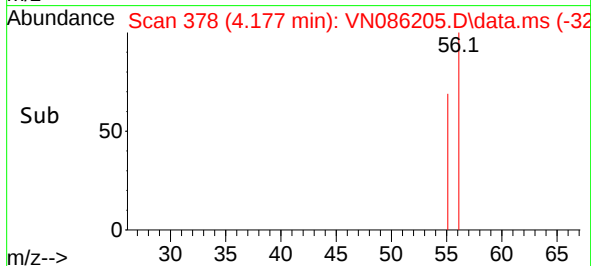
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



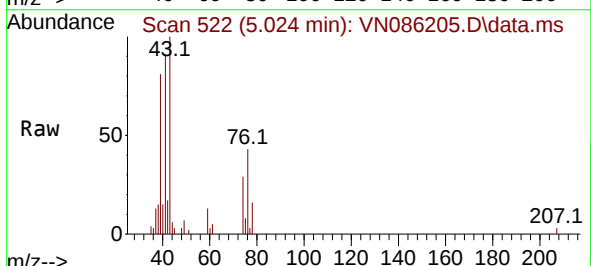
Tgt Ion: 56 Resp: 341
Ion Ratio Lower Upper
56 100
55 73.7 55.1 82.7

Manual Integrations
APPROVED

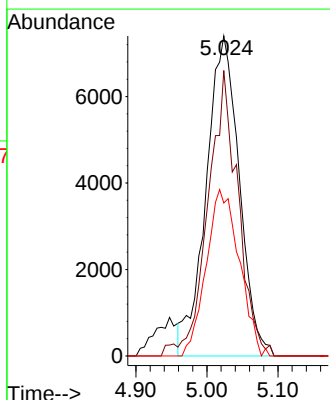
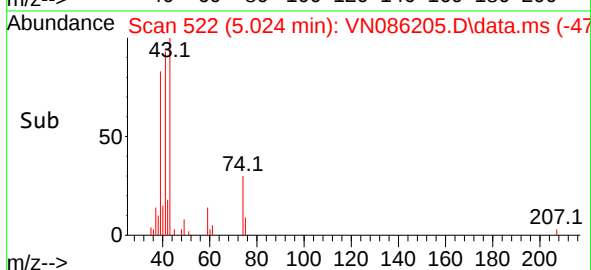
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#14
Allyl chloride
Concen: 15.684 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45



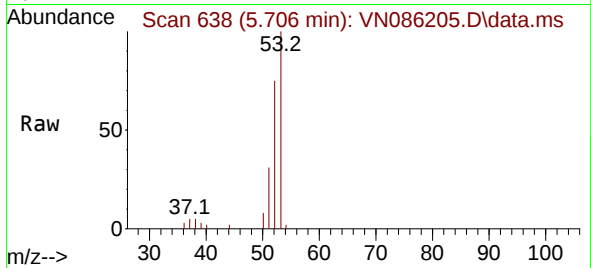
Tgt Ion: 41 Resp: 23970
Ion Ratio Lower Upper
41 100
39 80.8 55.5 83.3
76 51.9 39.1 58.7





#15
Acrylonitrile
Concen: 81.876 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

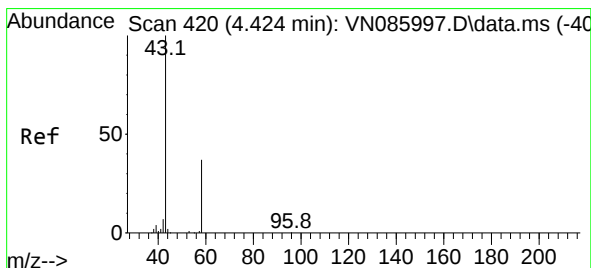
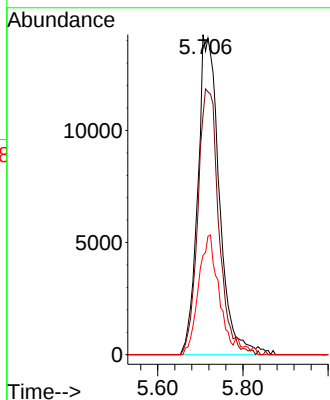
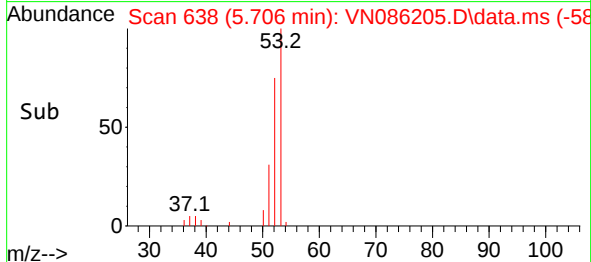
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



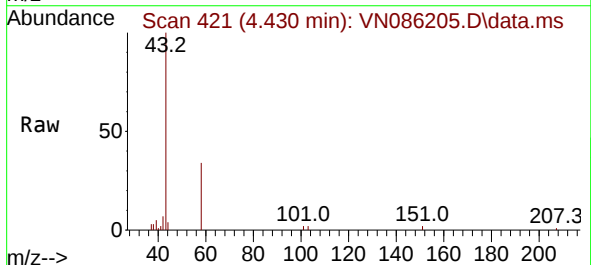
Tgt Ion: 53 Resp: 50129
Ion Ratio Lower Upper
53 100
52 80.4 63.9 95.9
51 34.6 27.1 40.7

Manual Integrations
APPROVED

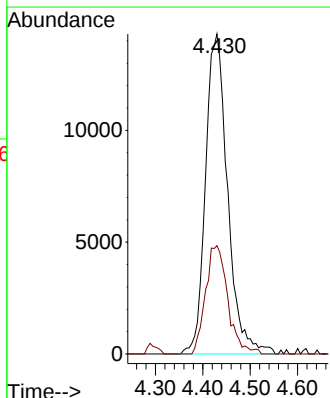
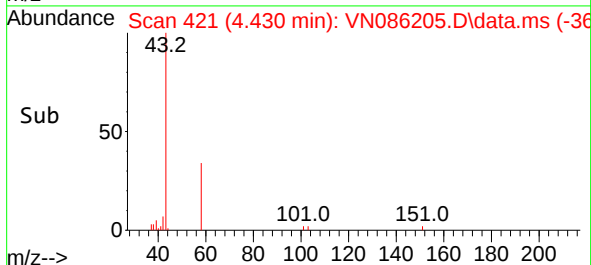
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

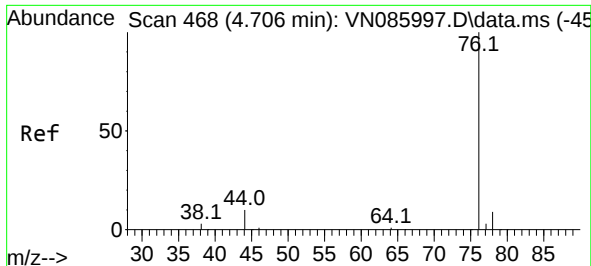


#16
Acetone
Concen: 92.667 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45



Tgt Ion: 43 Resp: 46356
Ion Ratio Lower Upper
43 100
58 33.9 29.4 44.2





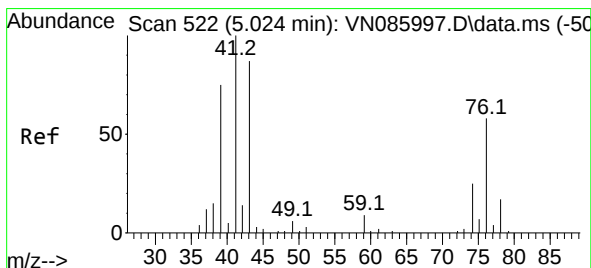
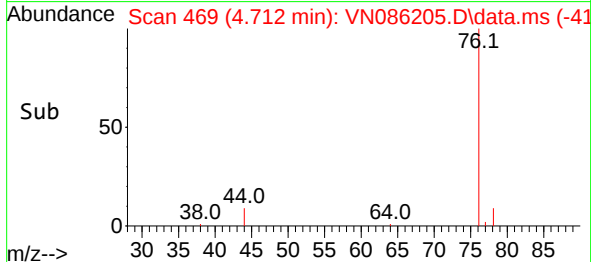
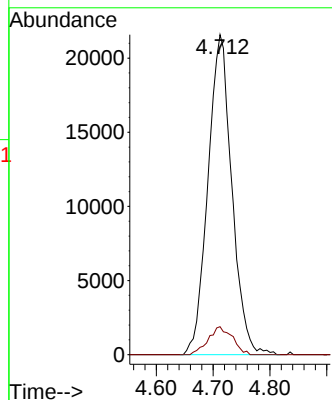
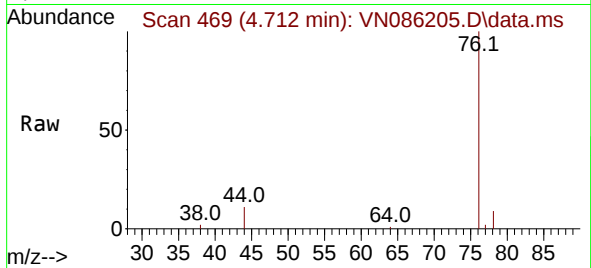
#17
Carbon Disulfide
Concen: 15.659 ug/l
RT: 4.712 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01

Tgt Ion: 76 Resp: 6308
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

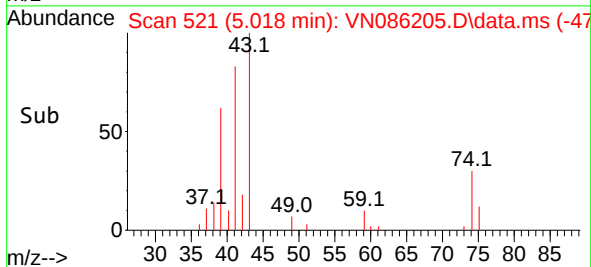
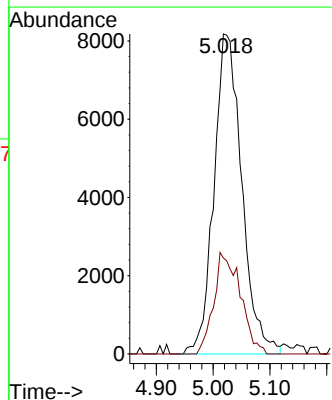
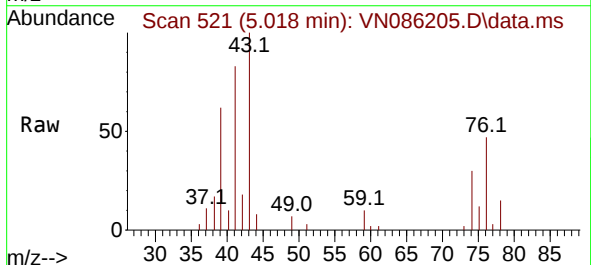
Manual Integrations
APPROVED

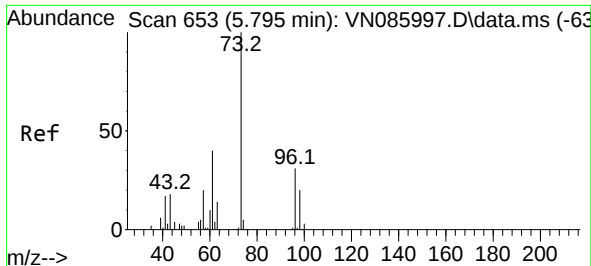
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#18
Methyl Acetate
Concen: 22.528 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Tgt Ion: 43 Resp: 27883
Ion Ratio Lower Upper
43 100
74 30.3 23.9 35.9





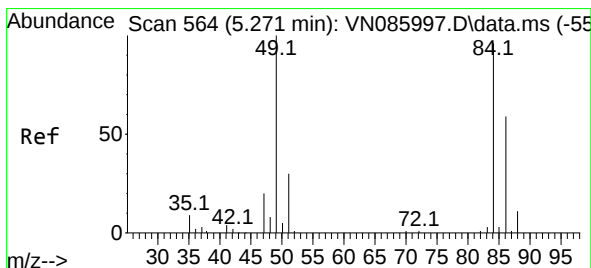
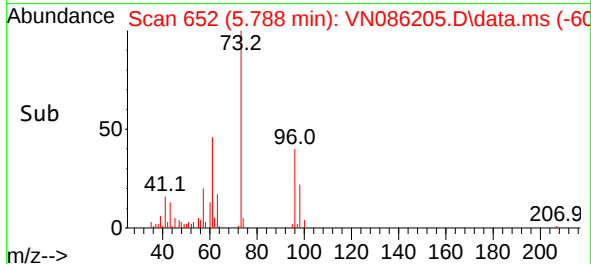
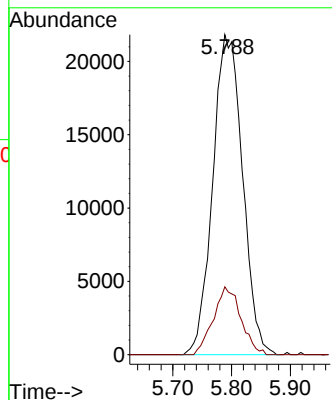
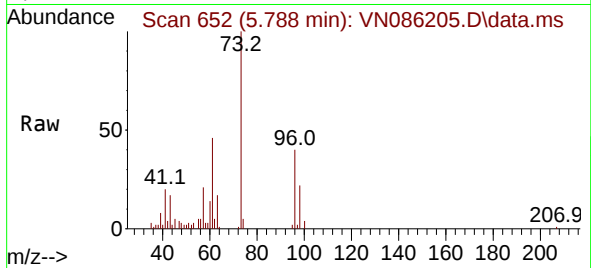
#19
Methyl tert-butyl Ether
Concen: 19.117 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01

Tgt Ion: 73 Resp: 7674
Ion Ratio Lower Upper
73 100
57 21.2 16.1 24.1

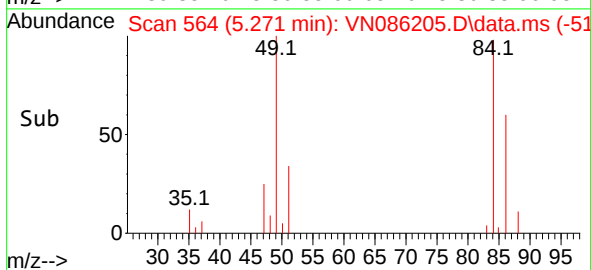
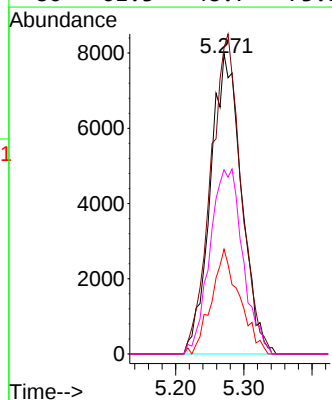
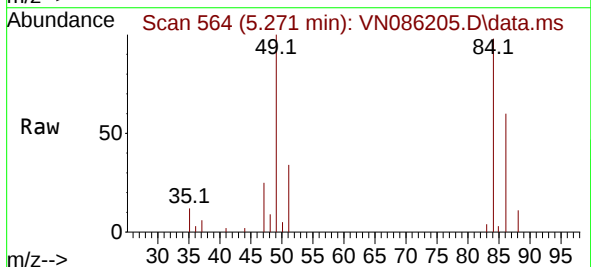
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 17.347 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

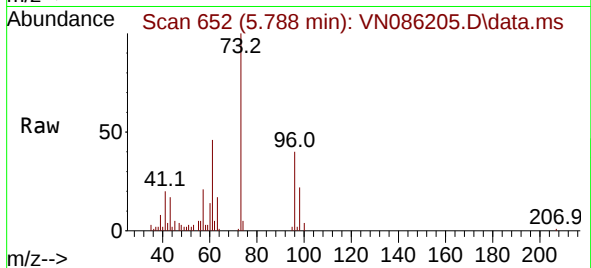
Tgt Ion: 84 Resp: 25386
Ion Ratio Lower Upper
84 100
49 101.9 83.3 124.9
51 34.9 24.8 37.2
86 61.3 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 17.782 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

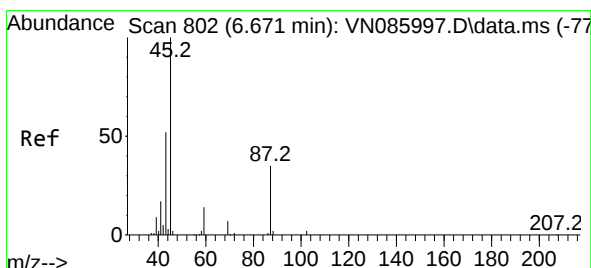
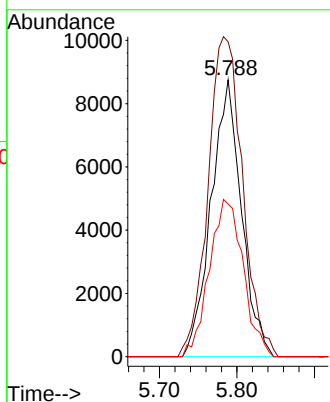
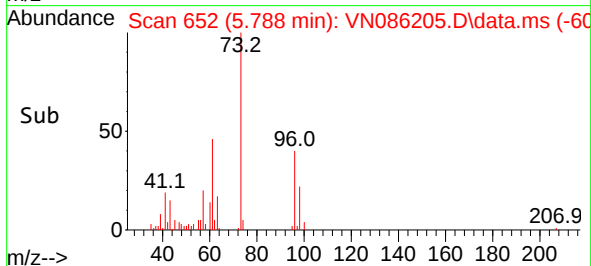
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



Tgt Ion: 96 Resp: 2380
Ion Ratio Lower Upper
96 100
61 113.8 106.6 160.0
98 55.1 50.0 75.0

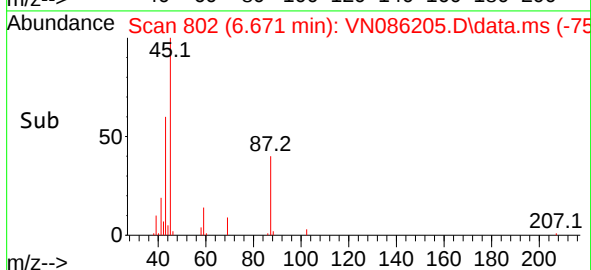
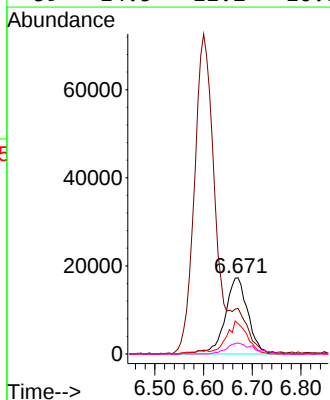
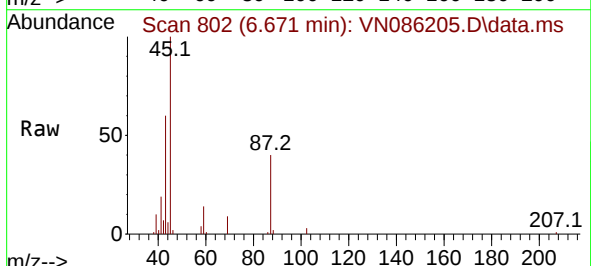
Manual Integrations
APPROVED

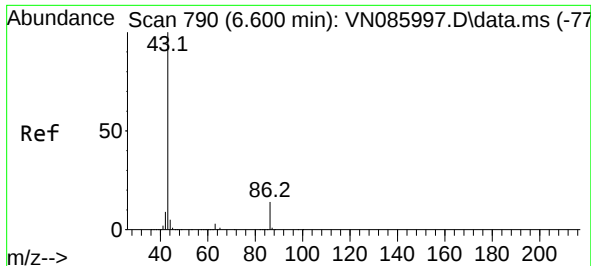
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#22
Diisopropyl ether
Concen: 17.259 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

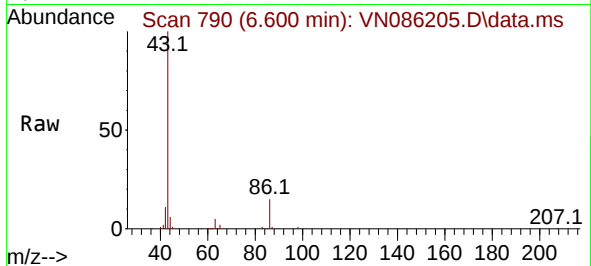
Tgt Ion: 45 Resp: 56209
Ion Ratio Lower Upper
45 100
43 57.7 41.2 61.8
87 39.9 28.5 42.7
59 14.5 11.2 16.8





#23
 Vinyl Acetate
 Concen: 85.327 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086205.D
 Acq: 02 Apr 2025 13:45

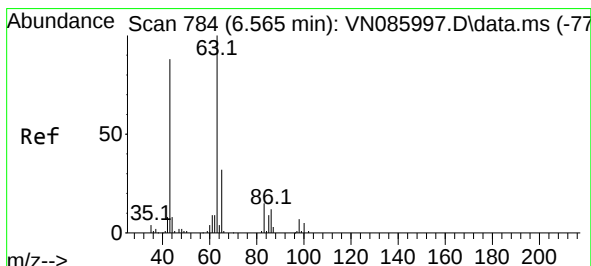
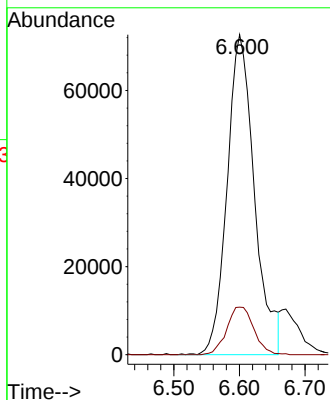
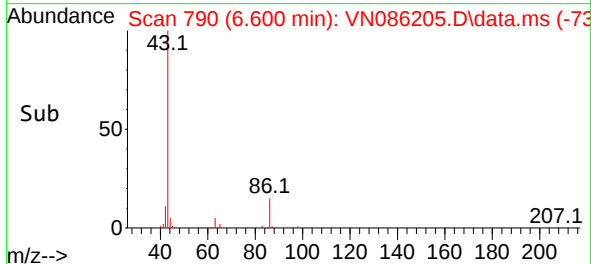
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBS01



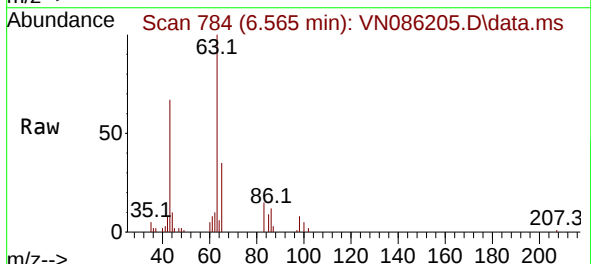
Tgt Ion: 43 Resp: 21066
 Ion Ratio Lower Upper
 43 100
 86 14.9 11.2 16.8

Manual Integrations
 APPROVED

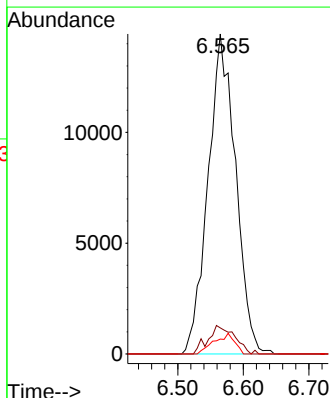
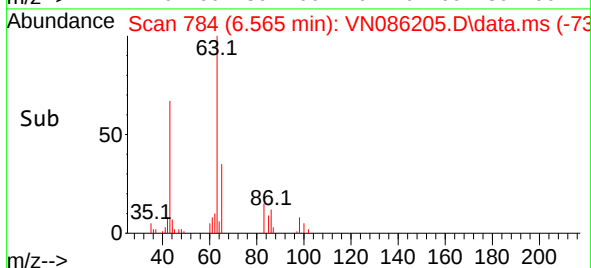
Reviewed By :John Carlone 04/03/2025
 Supervised By :Mahesh Dadoda 04/03/2025

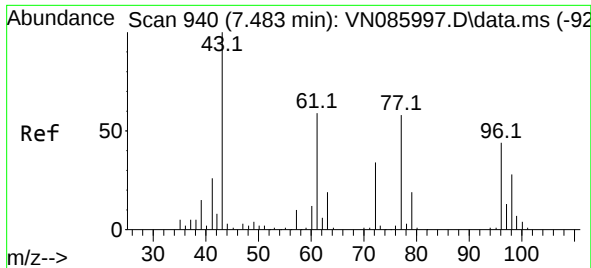


#24
 1,1-Dichloroethane
 Concen: 17.607 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086205.D
 Acq: 02 Apr 2025 13:45



Tgt Ion: 63 Resp: 42168
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.9
 100 4.7 2.5 7.5





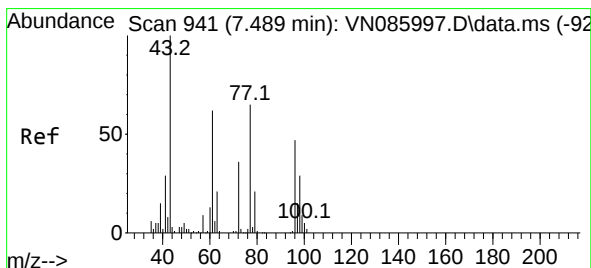
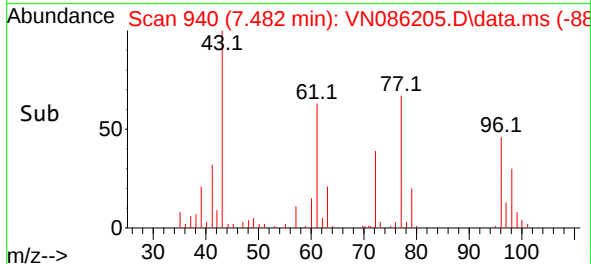
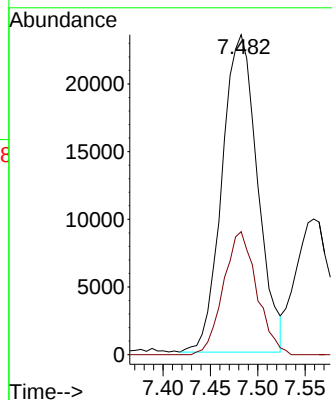
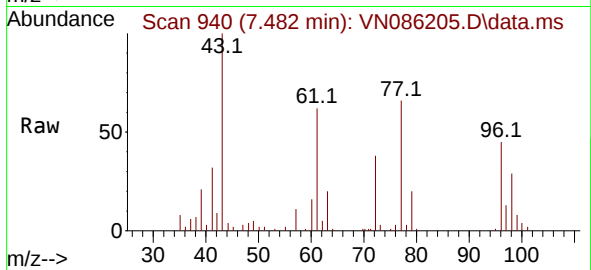
#25
2-Butanone
Concen: 84.931 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01

Tgt Ion: 43 Resp: 61305
Ion Ratio Lower Upper
43 100
72 38.8 27.4 41.0

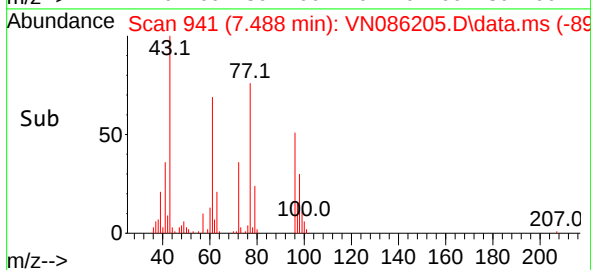
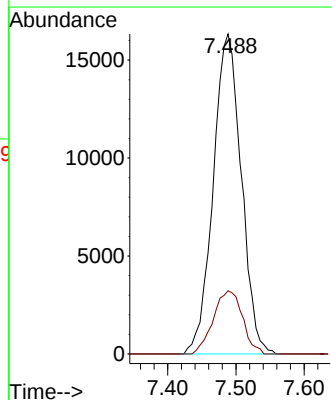
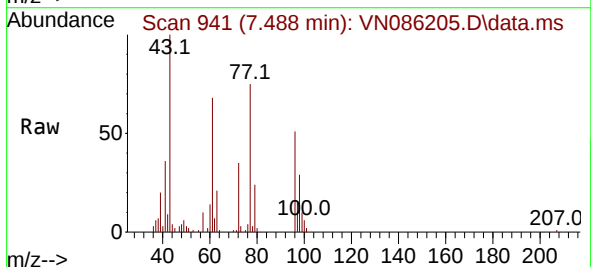
Manual Integrations
APPROVED

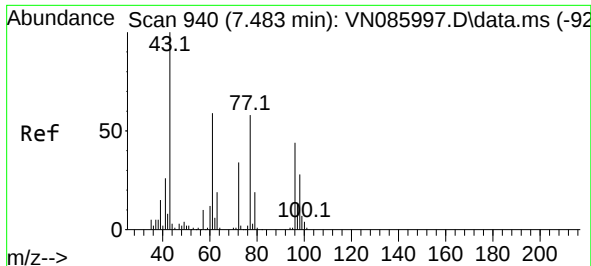
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#26
2,2-Dichloropropane
Concen: 20.300 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

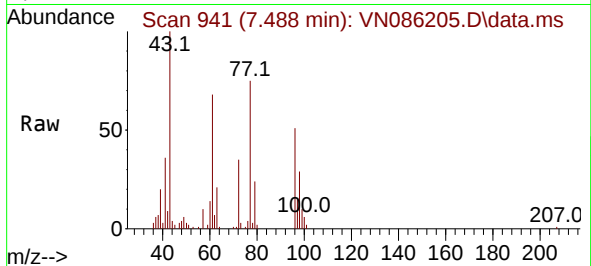
Tgt Ion: 77 Resp: 46805
Ion Ratio Lower Upper
77 100
97 20.5 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.469 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086205.D
 Acq: 02 Apr 2025 13:45

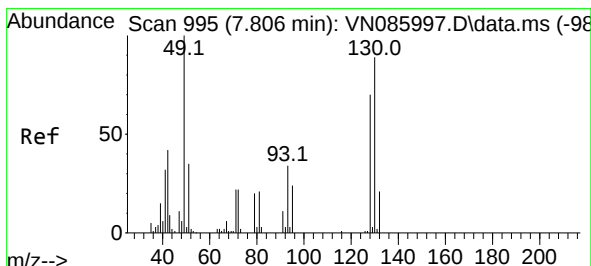
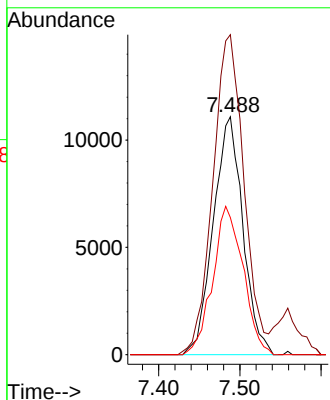
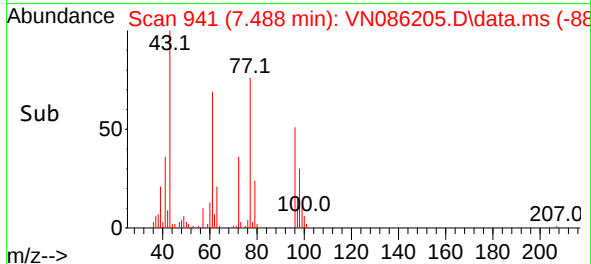
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBS01



Tgt Ion: 96 Resp: 28098
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 272.8
 98 63.9 0.0 124.8

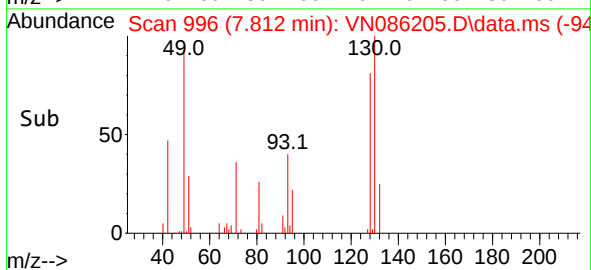
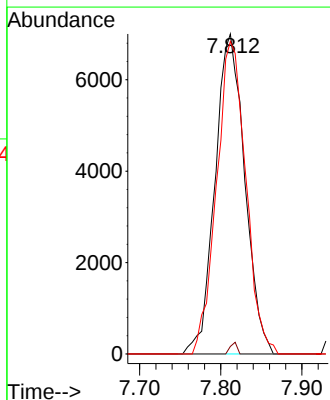
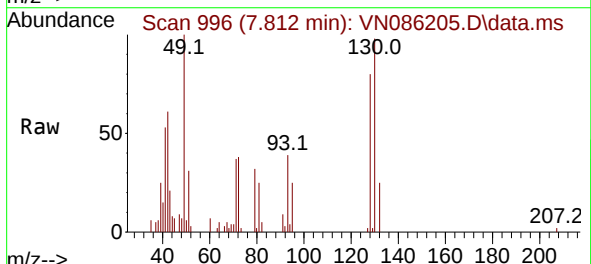
Manual Integrations
 APPROVED

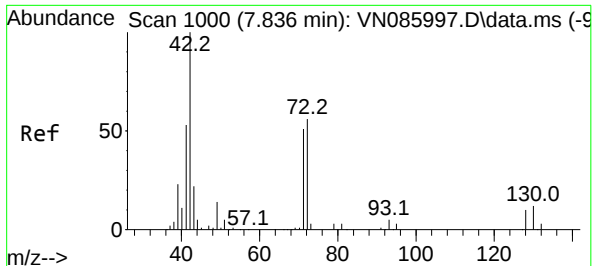
Reviewed By :John Carlone 04/03/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#28
 Bromochloromethane
 Concen: 17.574 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086205.D
 Acq: 02 Apr 2025 13:45

Tgt Ion: 49 Resp: 17832
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.2
 130 96.0 74.2 111.4





#29

Tetrahydrofuran

Concen: 84.901 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN086205.D

Acq: 02 Apr 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBS01

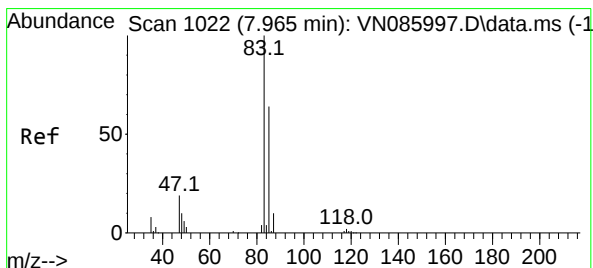
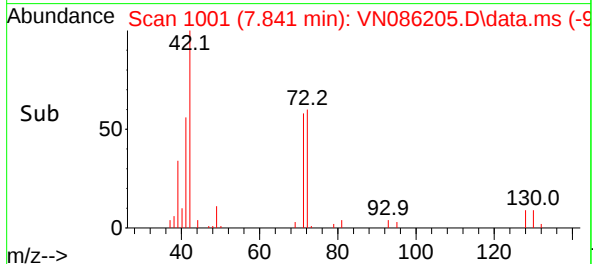
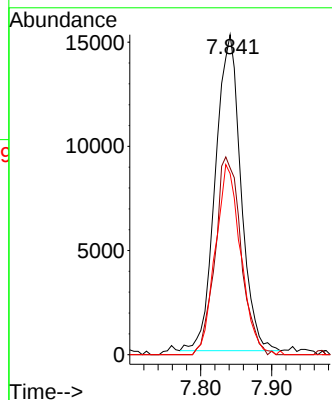
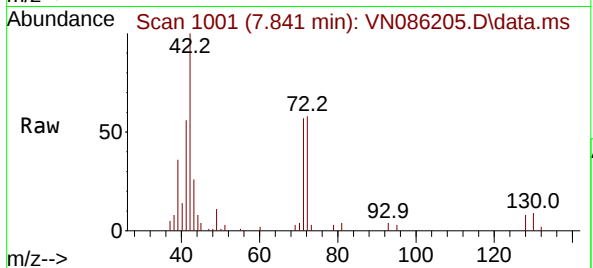
Tgt Ion:	42	Resp:	37834
Ion	Ratio	Lower	Upper
42	100		
72	63.5	45.0	67.4
71	59.7	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#30

Chloroform

Concen: 19.372 ug/l

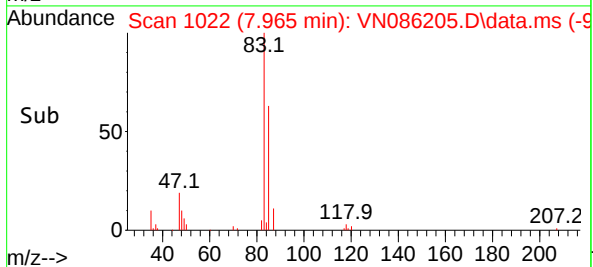
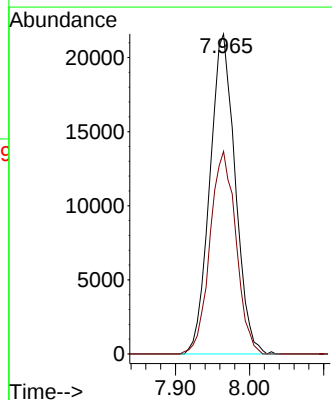
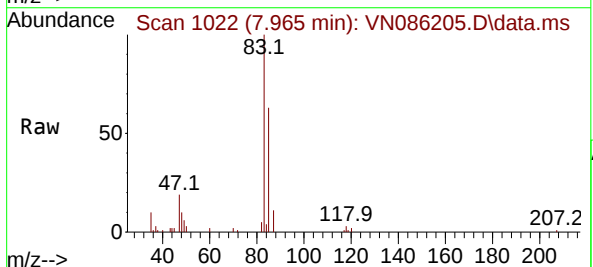
RT: 7.965 min Scan# 1022

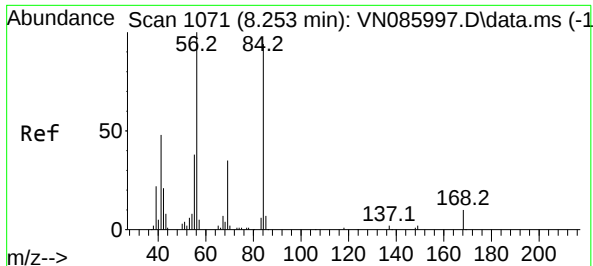
Delta R.T. -0.000 min

Lab File: VN086205.D

Acq: 02 Apr 2025 13:45

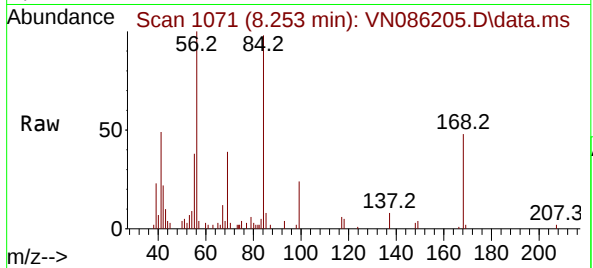
Tgt Ion:	83	Resp:	51281
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.5	77.3





#31
Cyclohexane
Concen: 17.101 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

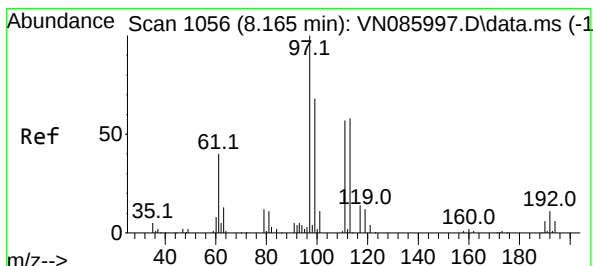
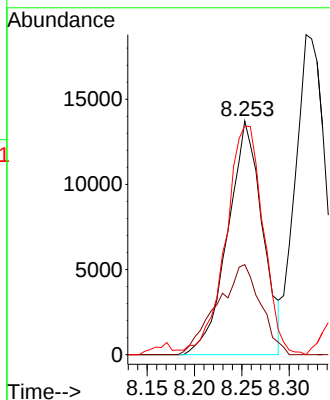
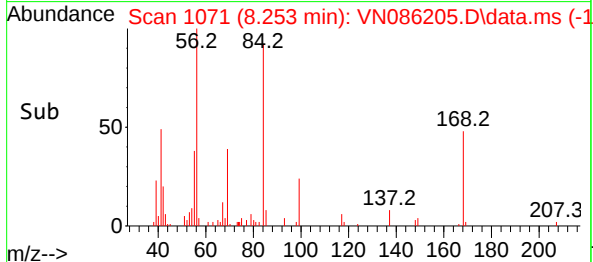
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



Tgt Ion: 56 Resp: 34890
Ion Ratio Lower Upper
56 100
69 38.6 28.0 42.0
84 96.0 75.0 112.6

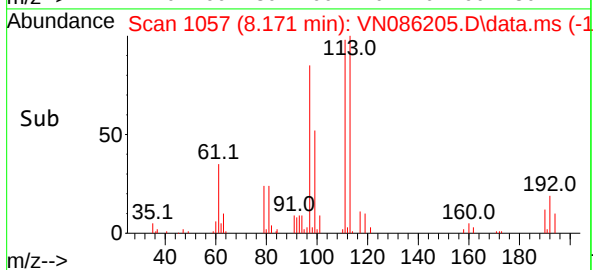
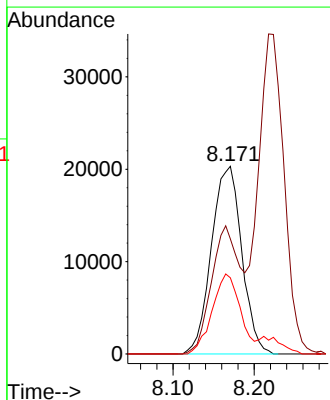
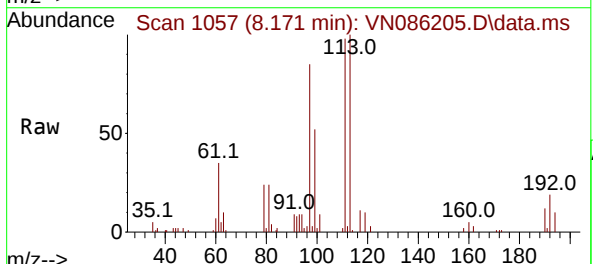
Manual Integrations
APPROVED

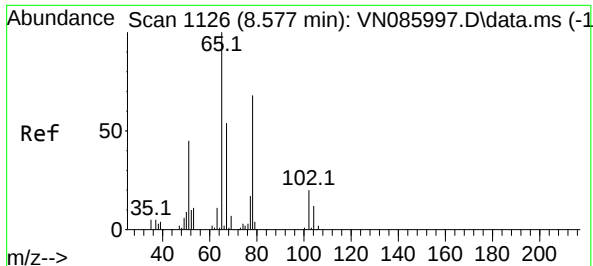
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#32
1,1,1-Trichloroethane
Concen: 21.048 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Tgt Ion: 97 Resp: 52743
Ion Ratio Lower Upper
97 100
99 64.3 52.8 79.2
61 39.4 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 53.749 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086205.D

Acq: 02 Apr 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBS01

Tgt Ion: 65 Resp: 88000

Ion Ratio Lower Upper

65 100

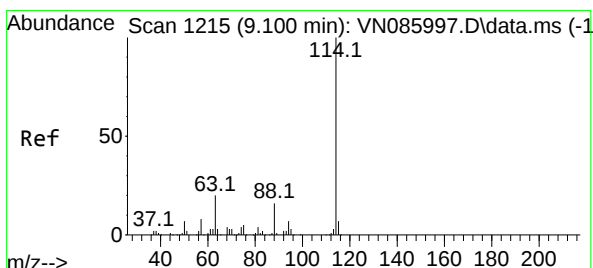
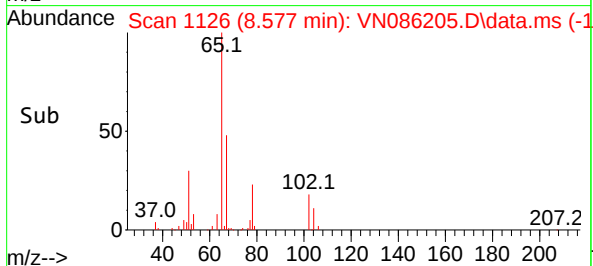
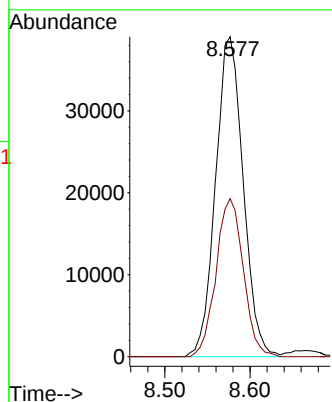
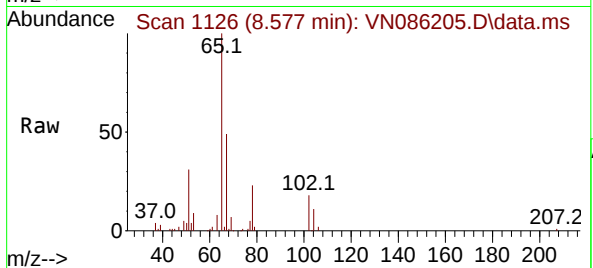
67 48.8 0.0 102.2

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: VN086205.D

Acq: 02 Apr 2025 13:45

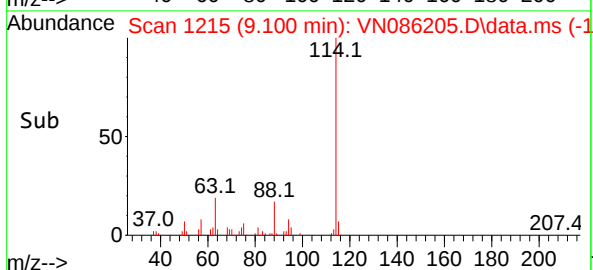
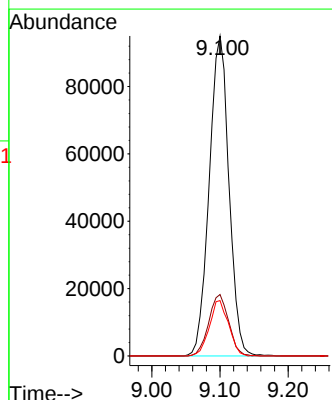
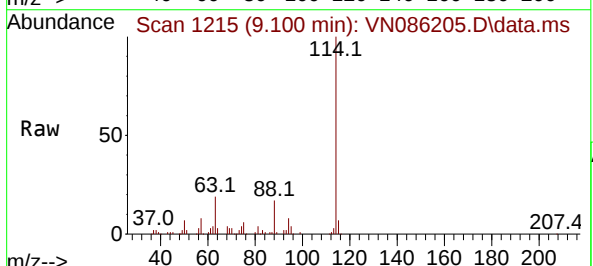
Tgt Ion:114 Resp: 191599

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

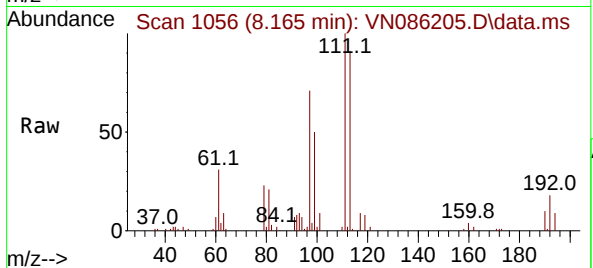
88 17.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 46.312 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

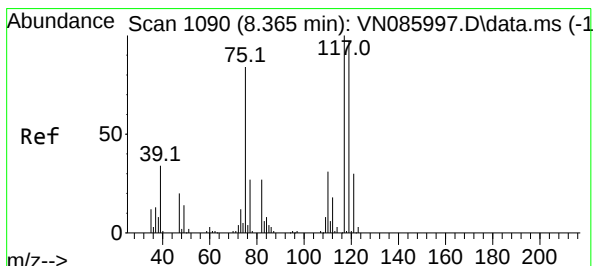
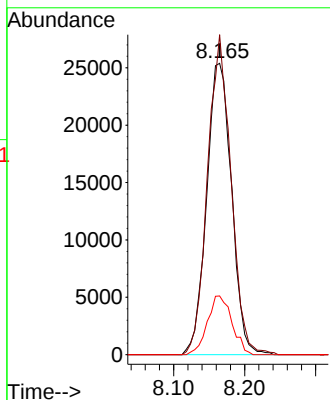
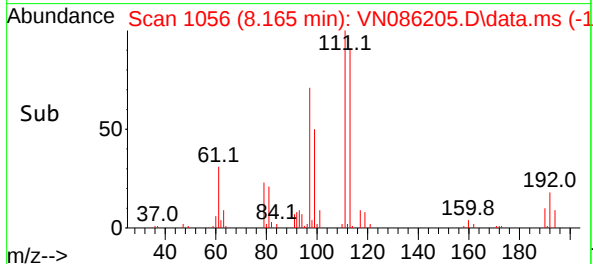
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



Tgt Ion: 113 Resp: 61935
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 19.8 15.9 23.9

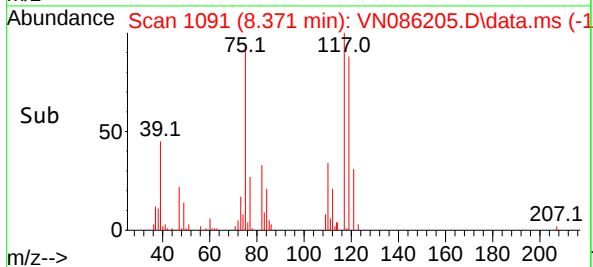
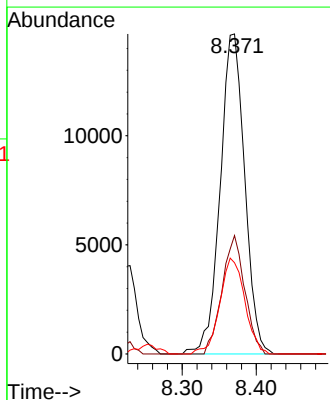
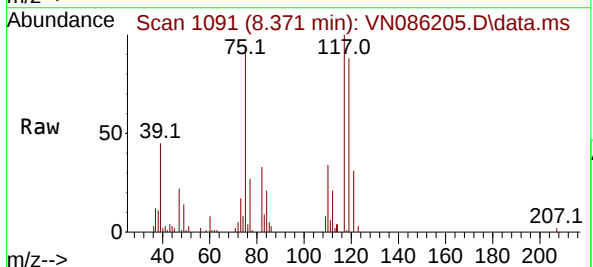
Manual Integrations
APPROVED

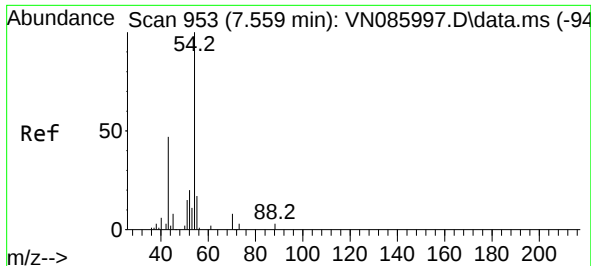
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#36
1,1-Dichloropropene
Concen: 19.148 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Tgt Ion: 75 Resp: 33719
Ion Ratio Lower Upper
75 100
110 34.3 17.8 53.3
77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 16.918 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086205.D

Acq: 02 Apr 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBS01

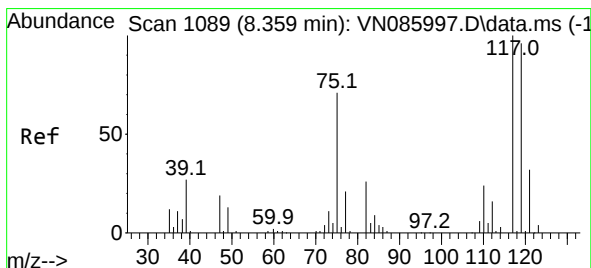
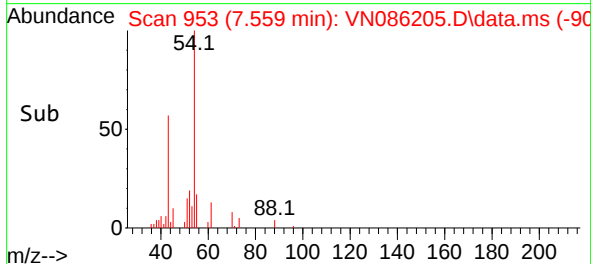
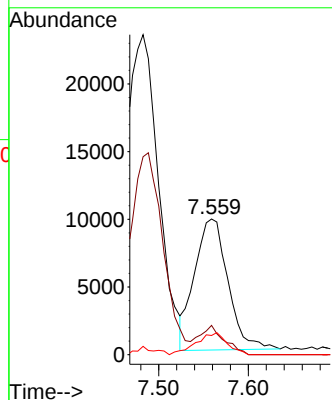
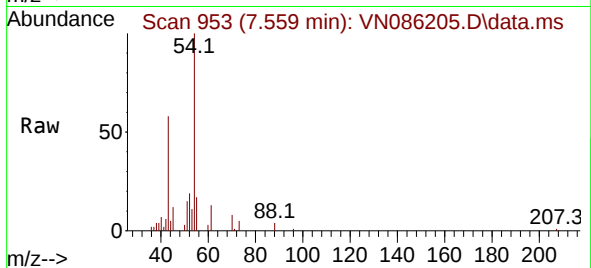
Tgt Ion:	43	Resp:	25134
Ion	Ratio	Lower	Upper
43	100		
61	16.4	13.0	19.4
70	15.4	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#38

Carbon Tetrachloride

Concen: 20.494 ug/l

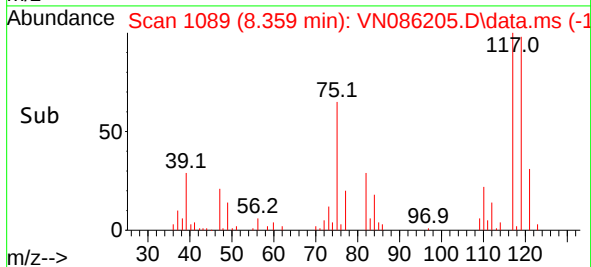
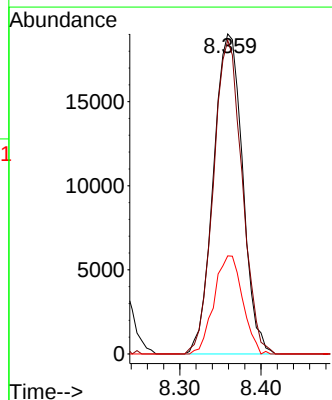
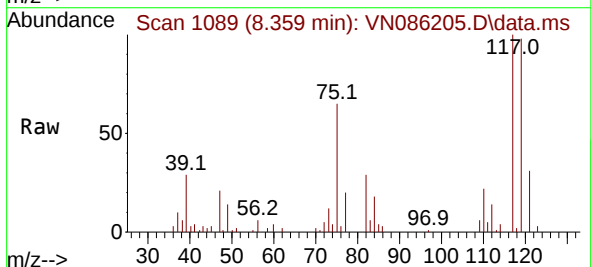
RT: 8.359 min Scan# 1089

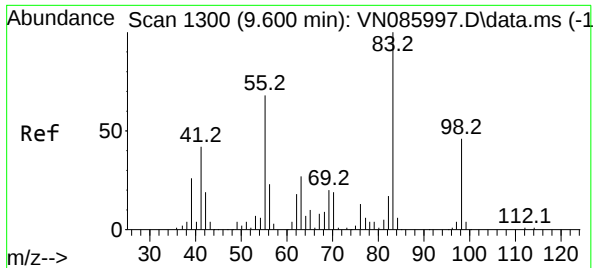
Delta R.T. -0.000 min

Lab File: VN086205.D

Acq: 02 Apr 2025 13:45

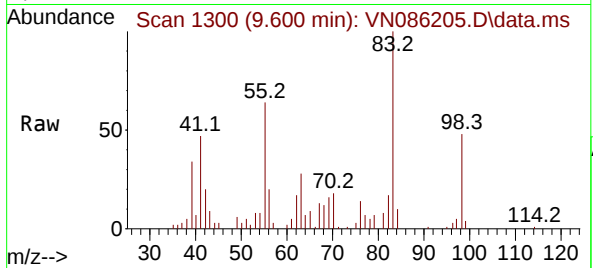
Tgt Ion:	117	Resp:	47451
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.0	115.4
121	30.7	25.6	38.4





#39
Methylcyclohexane
Concen: 19.007 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

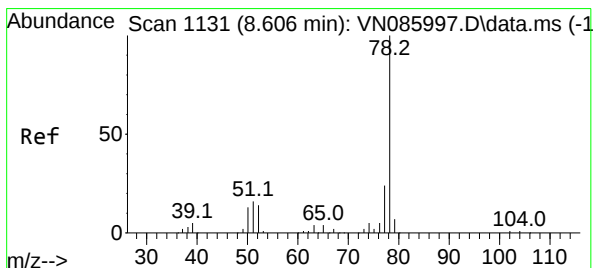
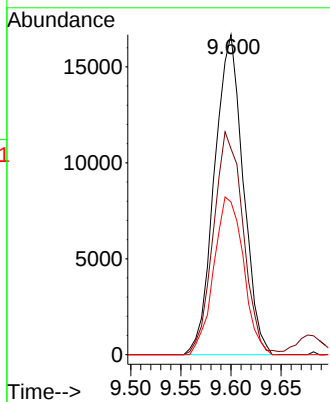
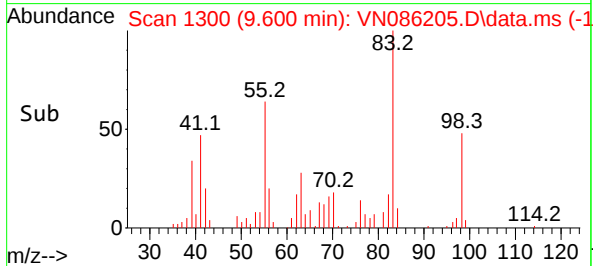
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



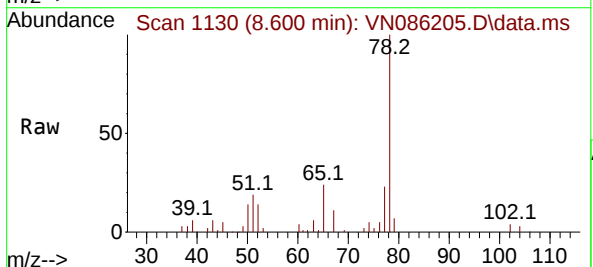
Tgt Ion: 83 Resp: 3320
Ion Ratio Lower Upper
83 100
55 64.4 54.2 81.2
98 47.7 37.1 55.7

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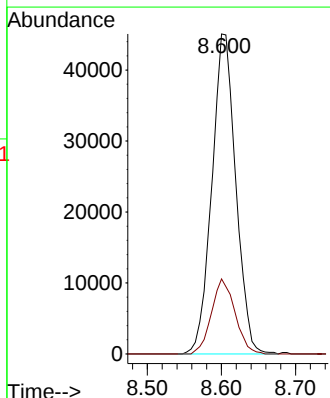
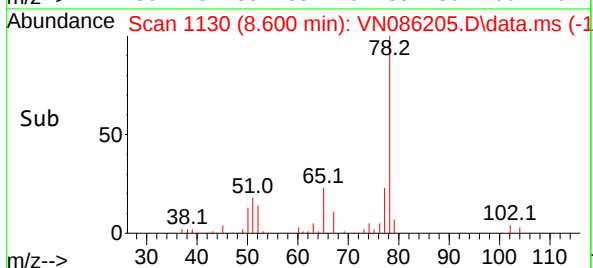
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

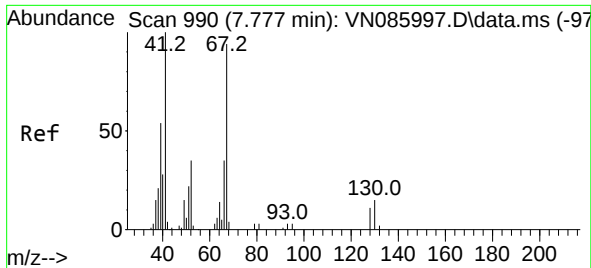


#40
Benzene
Concen: 18.321 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45



Tgt Ion: 78 Resp: 101279
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3





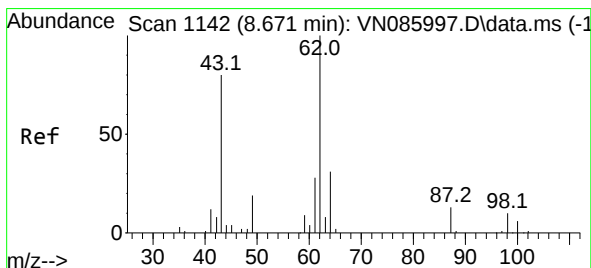
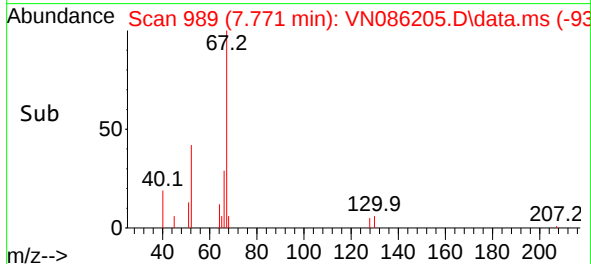
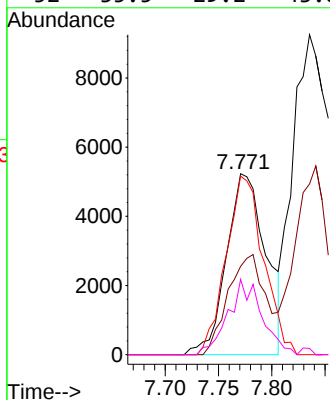
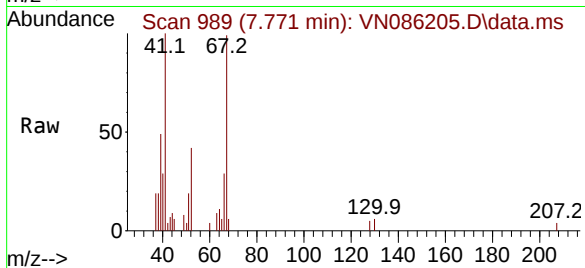
#41
Methacrylonitrile
Concen: 18.970 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01

Tgt Ion: 41	Resp: 1345
Ion Ratio	Lower Upper
41 100	
39 50.6	46.2 69.2
67 93.8	75.9 113.9
52 35.5	29.2 43.8

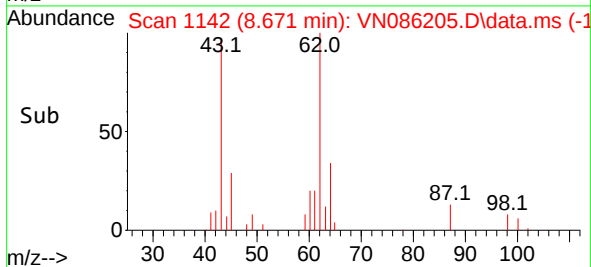
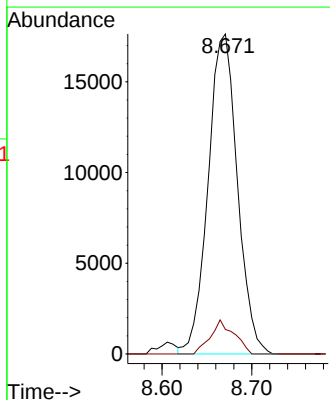
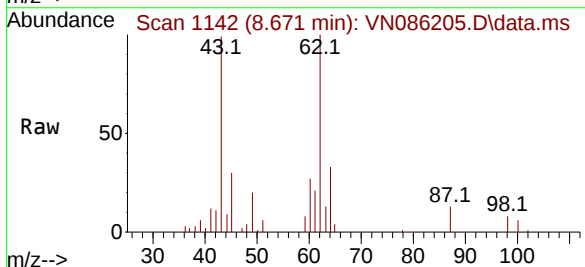
Manual Integrations
APPROVED

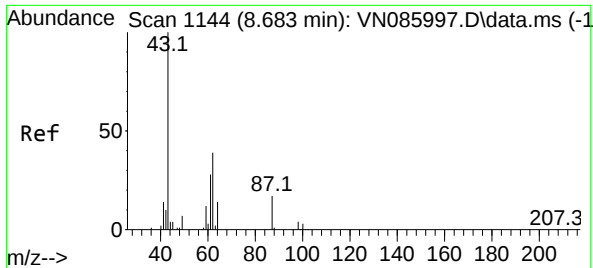
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#42
1,2-Dichloroethane
Concen: 20.746 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

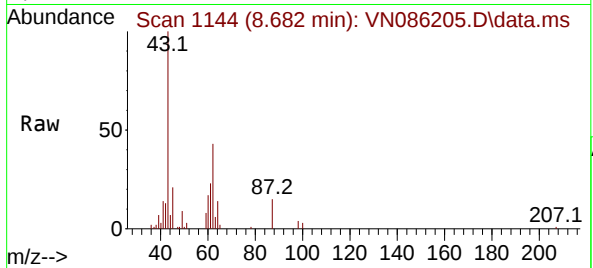
Tgt Ion: 62	Resp: 39960
Ion Ratio	Lower Upper
62 100	
98 8.6	0.0 18.6





#43
Isopropyl Acetate
Concen: 19.754 ug/l m
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

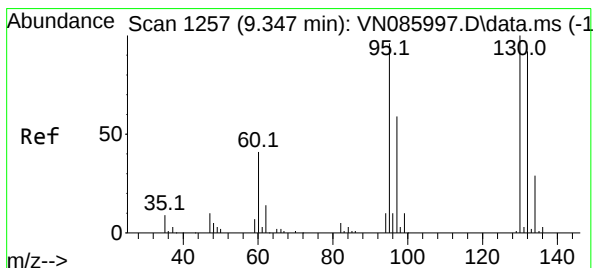
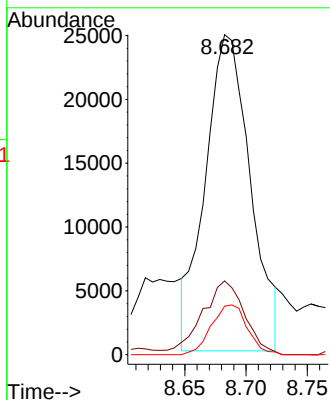
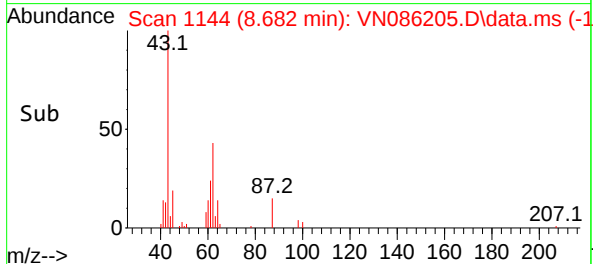
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



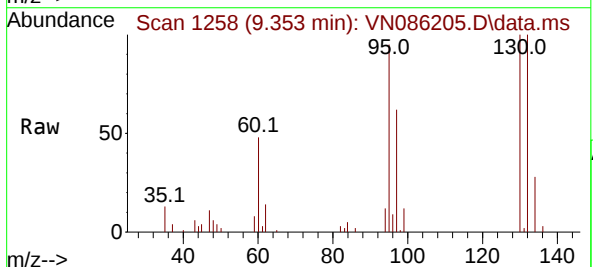
Tgt Ion: 43 Resp: 63592
Ion Ratio Lower Upper
43 100
61 22.1 25.0 37.6
87 12.5 13.0 19.4

Manual Integrations
APPROVED

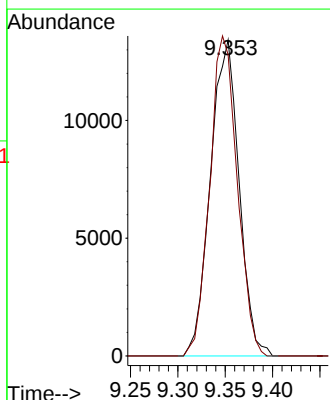
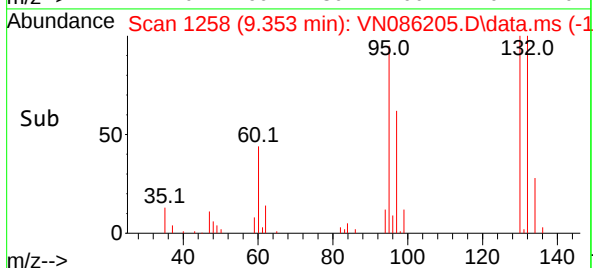
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

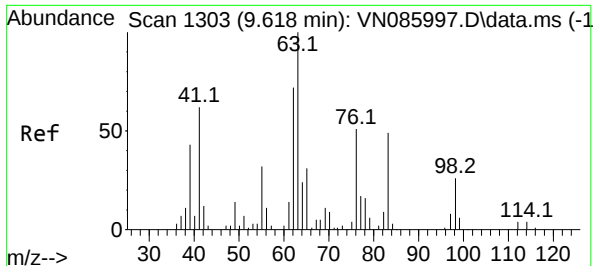


#44
Trichloroethene
Concen: 19.679 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45



Tgt Ion:130 Resp: 28195
Ion Ratio Lower Upper
130 100
95 95.3 0.0 191.6





#45

1,2-Dichloropropane

Concen: 17.929 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086205.D

Acq: 02 Apr 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBS01

Tgt Ion: 63 Resp: 2254

Ion Ratio Lower Upper

63 100

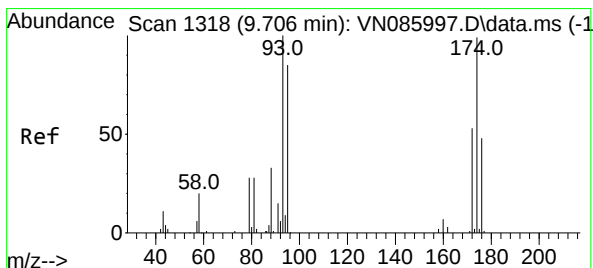
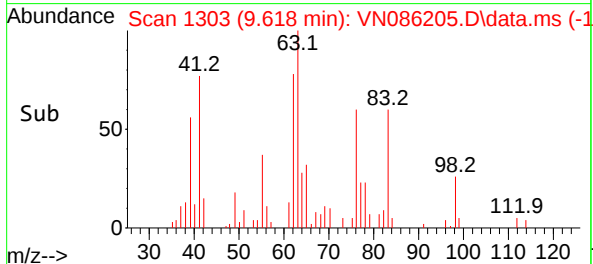
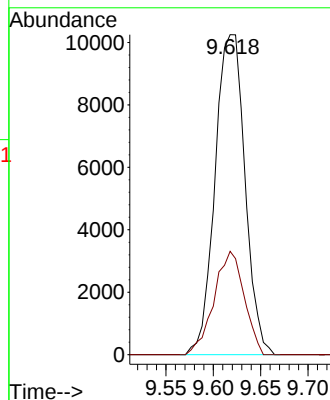
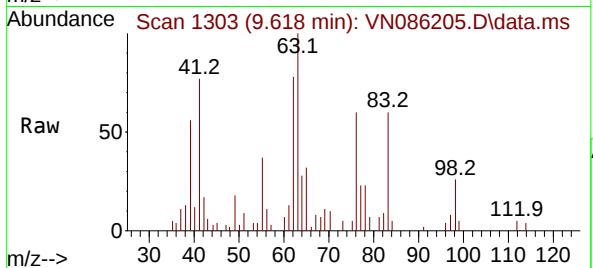
65 32.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#46

Dibromomethane

Concen: 19.505 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086205.D

Acq: 02 Apr 2025 13:45

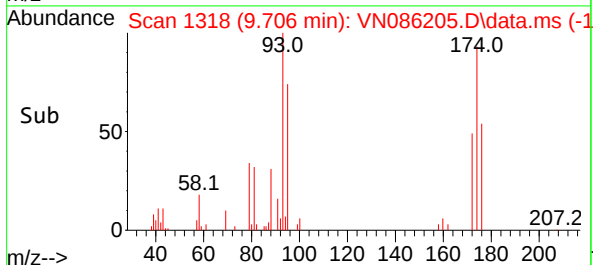
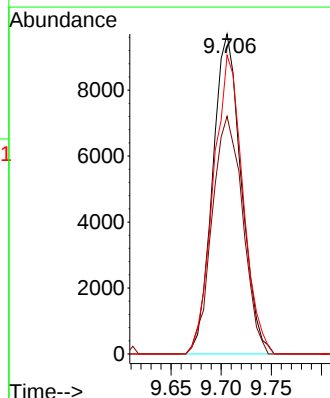
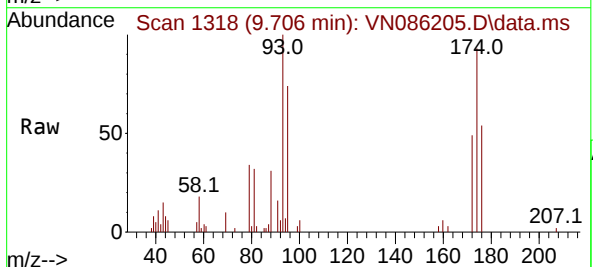
Tgt Ion: 93 Resp: 19286

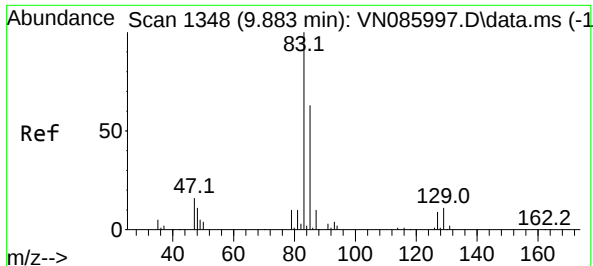
Ion Ratio Lower Upper

93 100

95 79.5 66.2 99.2

174 96.1 80.1 120.1





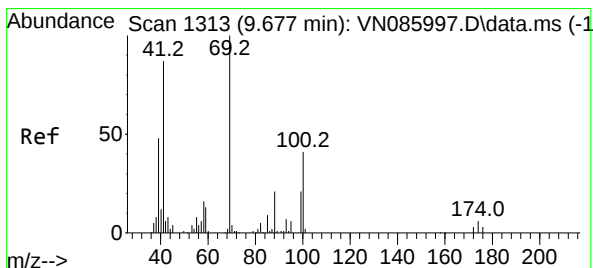
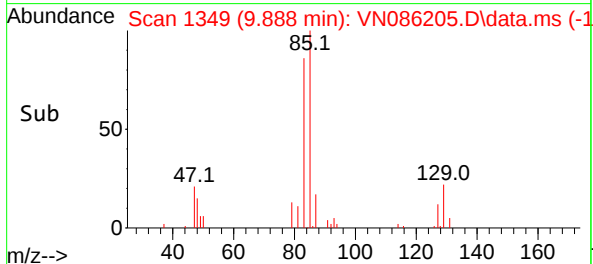
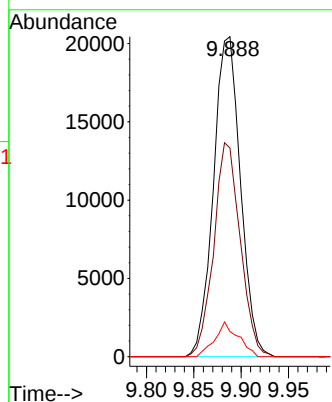
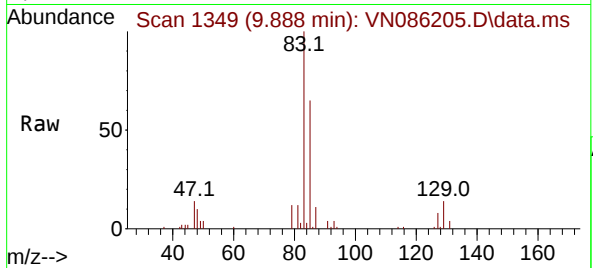
#47
Bromodichloromethane
Concen: 19.661 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01

Tgt Ion: 83 Resp: 4063
Ion Ratio Lower Upper
83 100
85 65.2 50.2 75.2
127 7.9 7.1 10.7

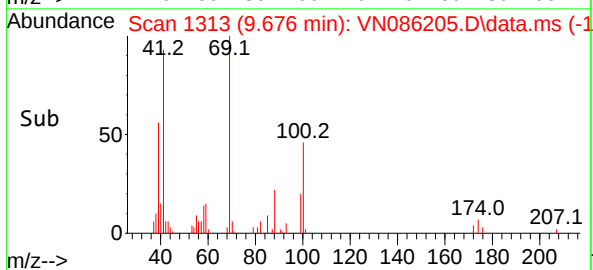
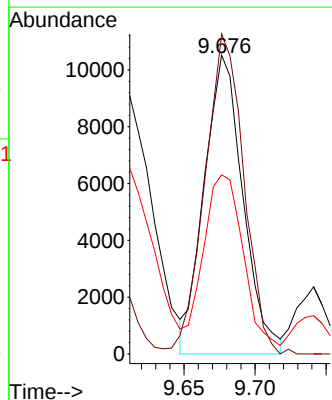
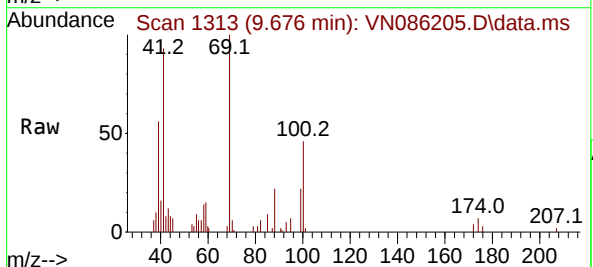
Manual Integrations
APPROVED

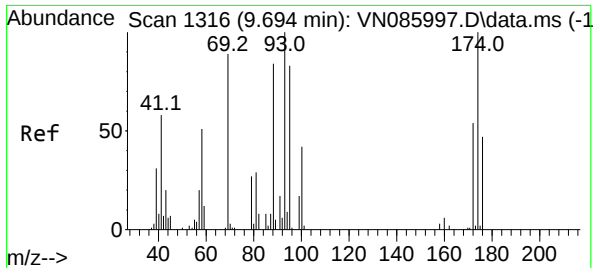
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#48
Methyl methacrylate
Concen: 18.800 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Tgt Ion: 41 Resp: 19971
Ion Ratio Lower Upper
41 100
69 107.5 83.1 124.7
39 63.3 45.6 68.4





#49

1,4-Dioxane

Concen: 377.421 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086205.D

Acq: 02 Apr 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBS01

Tgt Ion: 88 Resp: 9478

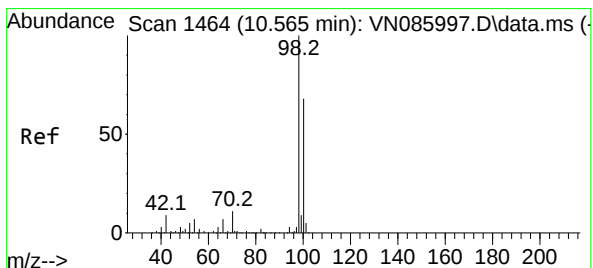
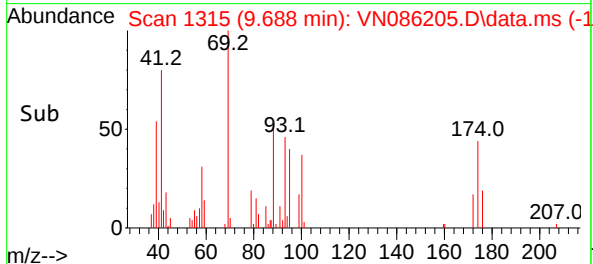
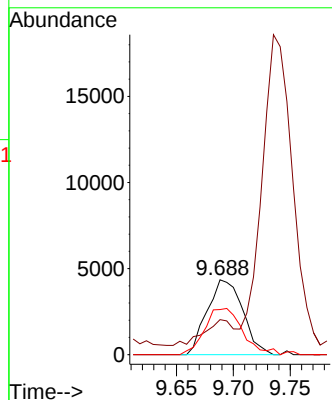
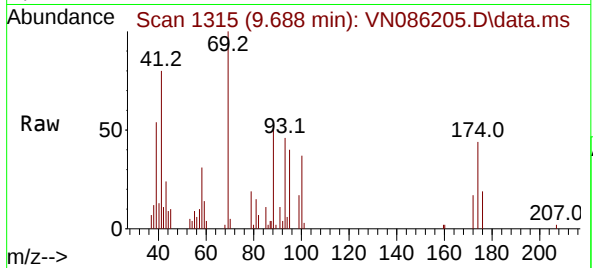
Ion	Ratio	Lower	Upper
88	100		
43	33.4	21.7	32.5
58	66.5	50.4	75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#50

Toluene-d8

Concen: 47.948 ug/l

RT: 10.565 min Scan# 1464

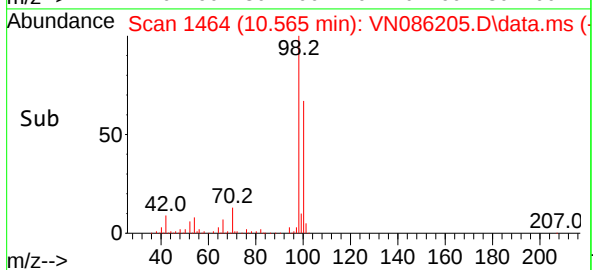
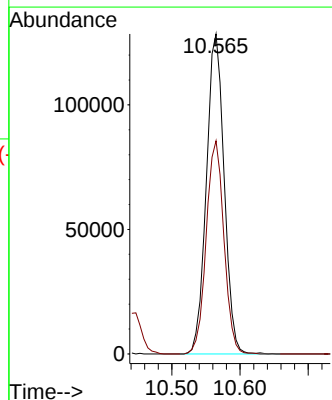
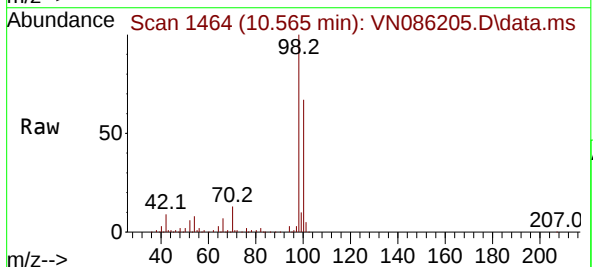
Delta R.T. -0.000 min

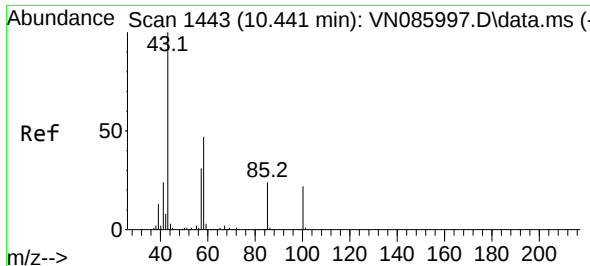
Lab File: VN086205.D

Acq: 02 Apr 2025 13:45

Tgt Ion: 98 Resp: 232720

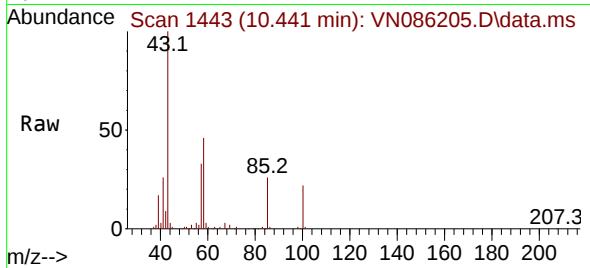
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 93.373 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

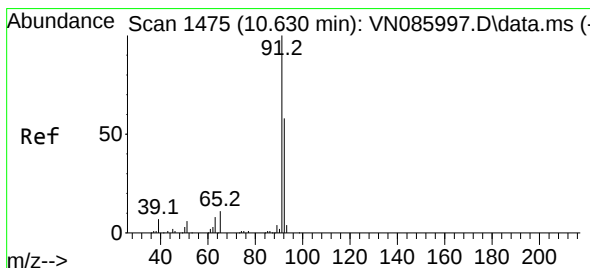
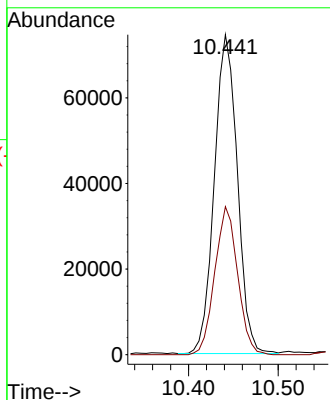
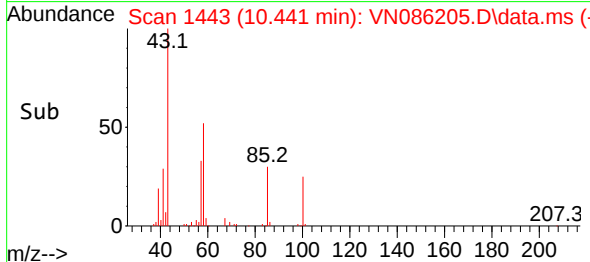
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



Tgt Ion: 43 Resp: 132560
Ion Ratio Lower Upper
43 100
58 46.1 37.4 56.0

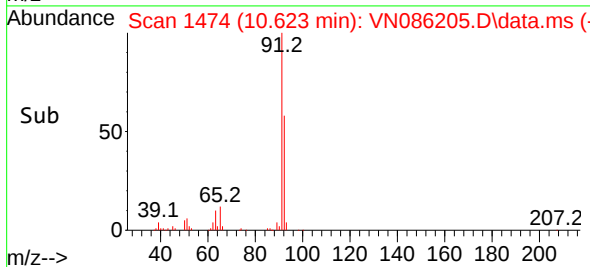
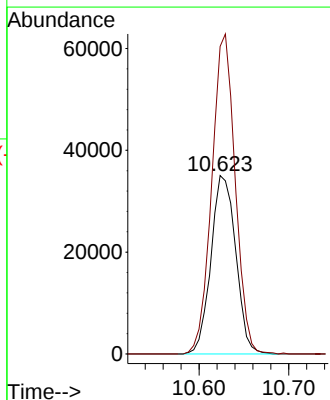
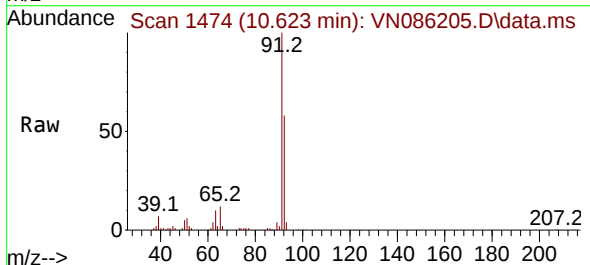
Manual Integrations
APPROVED

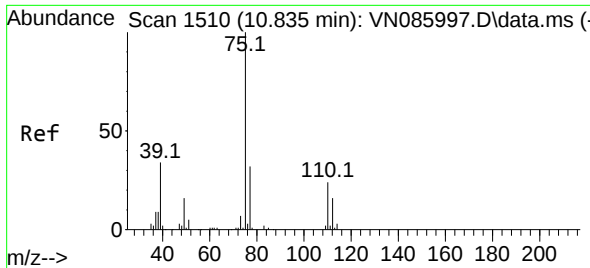
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#52
Toluene
Concen: 19.795 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Tgt Ion: 92 Resp: 67162
Ion Ratio Lower Upper
92 100
91 169.6 136.2 204.4





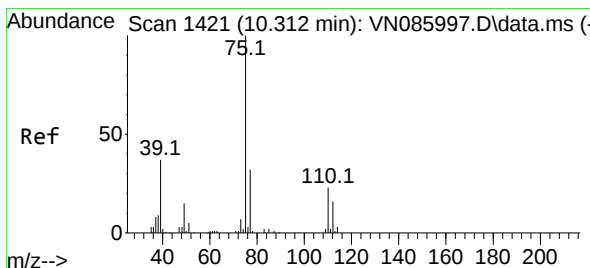
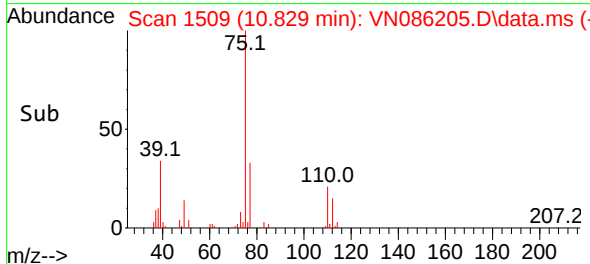
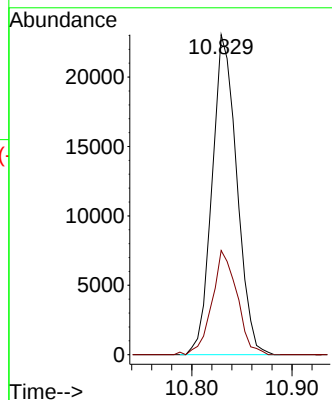
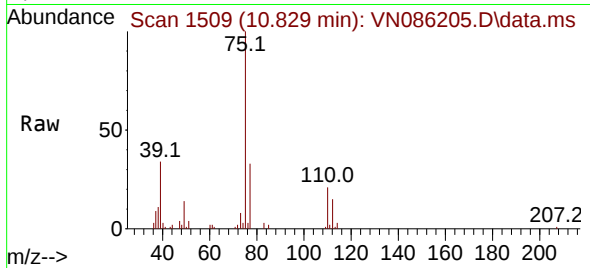
#53
t-1,3-Dichloropropene
Concen: 19.674 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01

Tgt Ion: 75 Resp: 39484
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9

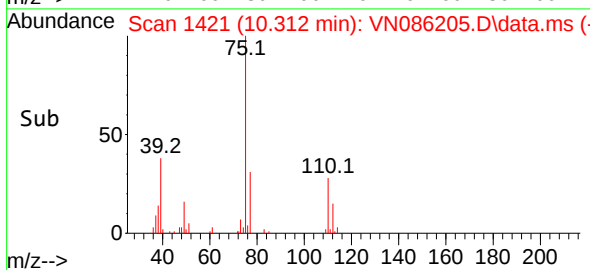
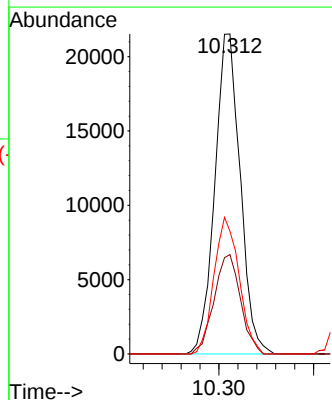
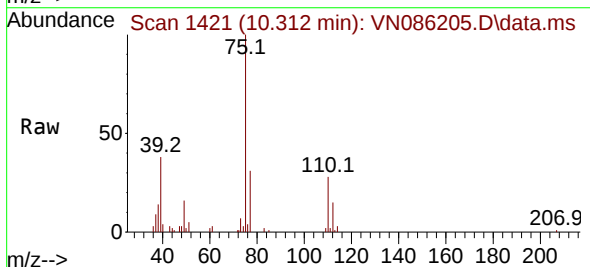
Manual Integrations
APPROVED

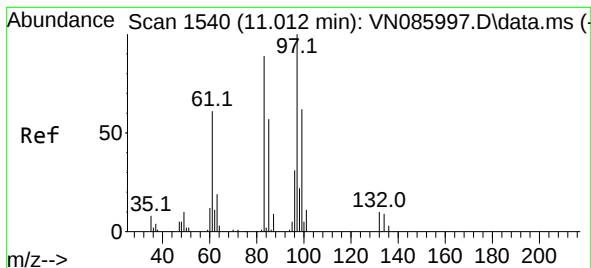
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#54
cis-1,3-Dichloropropene
Concen: 18.941 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

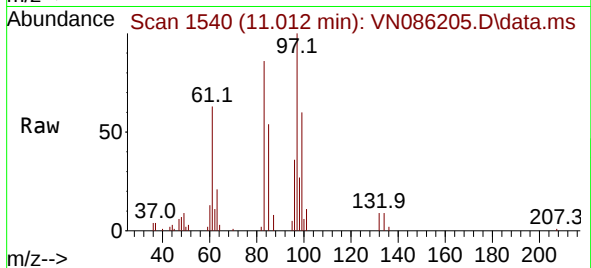
Tgt Ion: 75 Resp: 40108
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 38.4 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 19.091 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

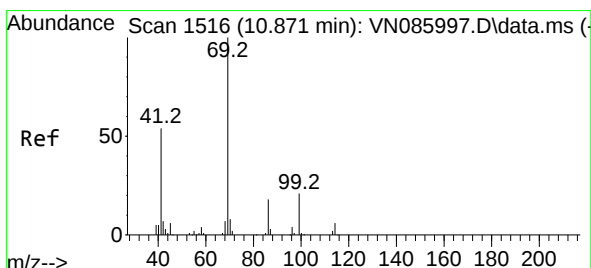
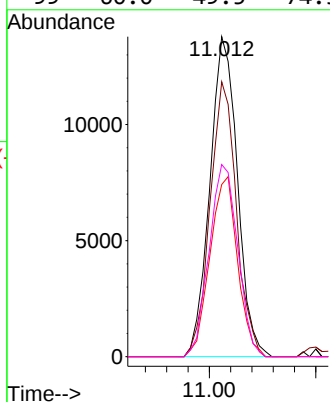
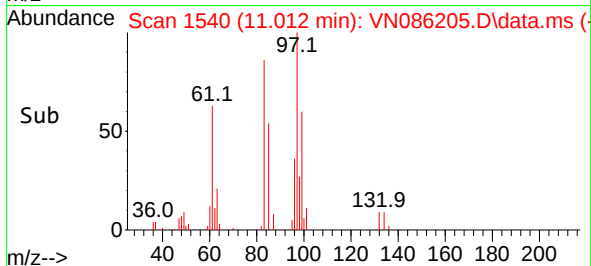
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



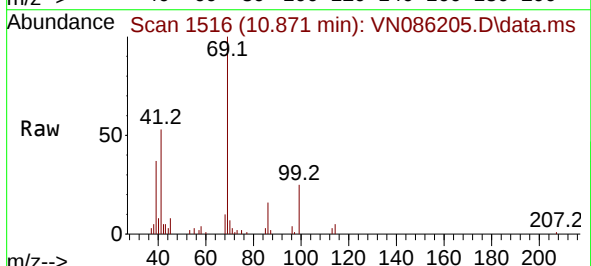
Tgt Ion:	97	Resp:	2472
Ion	Ratio	Lower	Upper
97	100		
83	85.9	71.2	106.8
85	53.8	45.4	68.0
99	60.0	49.5	74.3

Manual Integrations
APPROVED

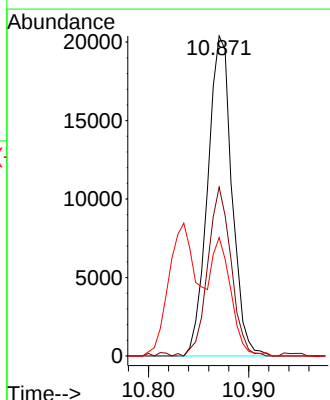
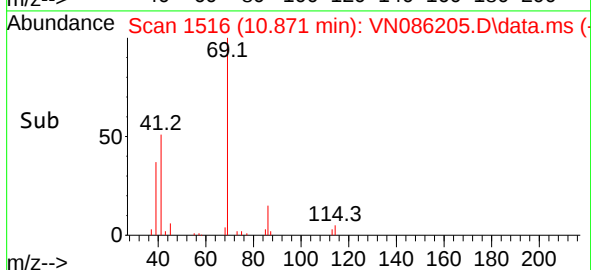
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

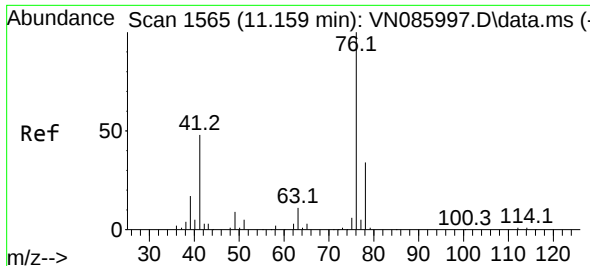


#56
Ethyl methacrylate
Concen: 19.439 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45



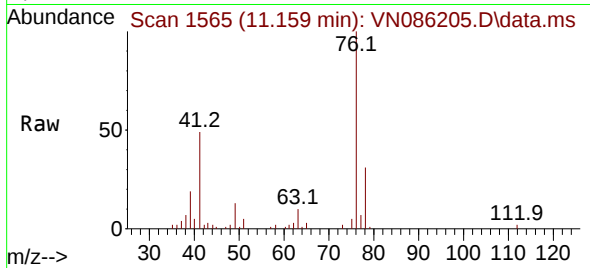
Tgt Ion:	69	Resp:	34311
Ion	Ratio	Lower	Upper
69	100		
41	50.7	41.6	62.4
39	28.7	21.8	32.8





#57
1,3-Dichloropropane
Concen: 18.650 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

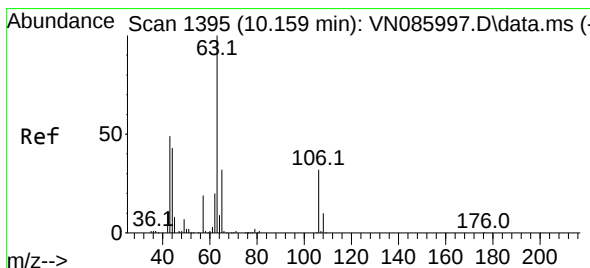
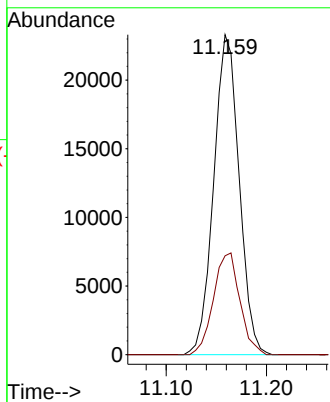
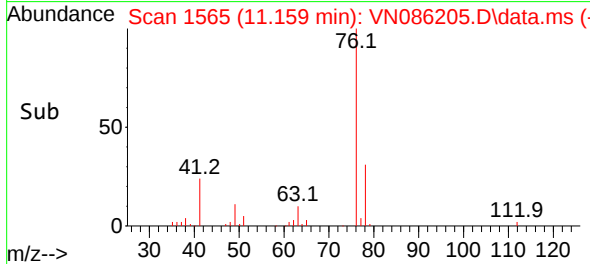
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



Tgt Ion: 76 Resp: 4102
Ion Ratio Lower Upper
76 100
78 33.0 25.8 38.6

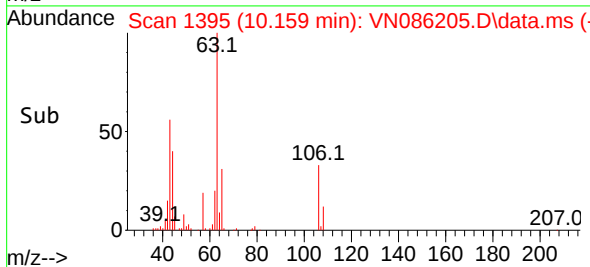
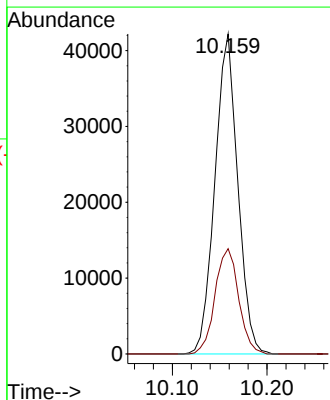
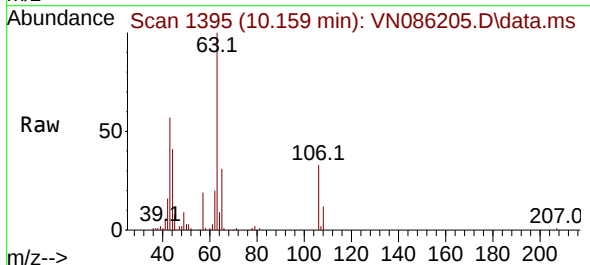
Manual Integrations
APPROVED

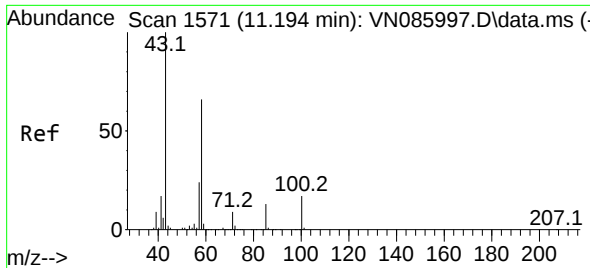
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 105.335 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

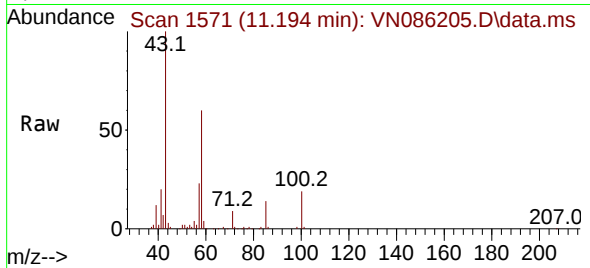
Tgt Ion: 63 Resp: 70765
Ion Ratio Lower Upper
63 100
106 34.0 25.0 37.6





#59
2-Hexanone
Concen: 95.510 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

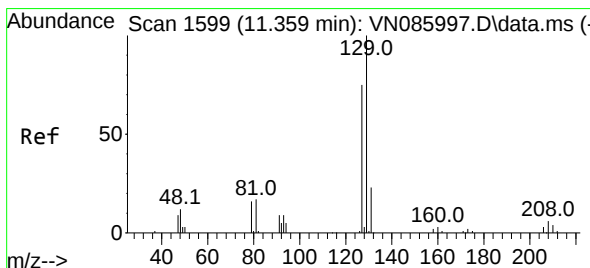
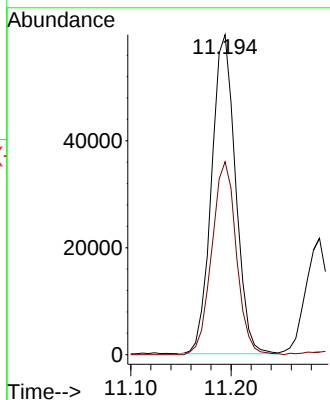
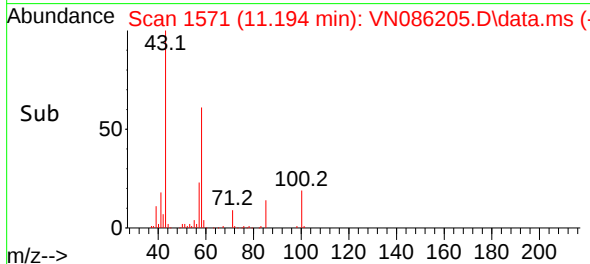
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



Tgt Ion: 43 Resp: 98784
Ion Ratio Lower Upper
43 100
58 61.8 32.4 97.2

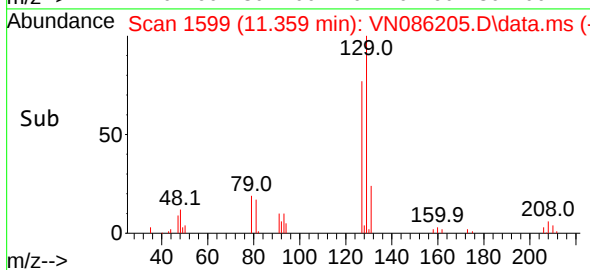
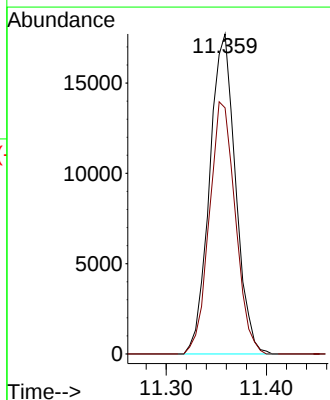
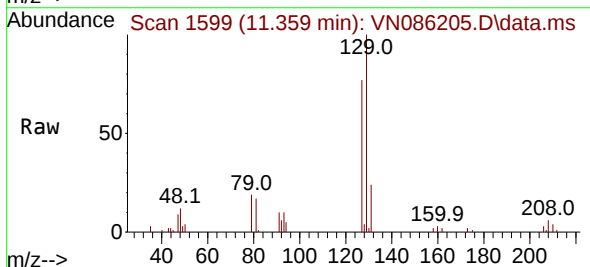
Manual Integrations
APPROVED

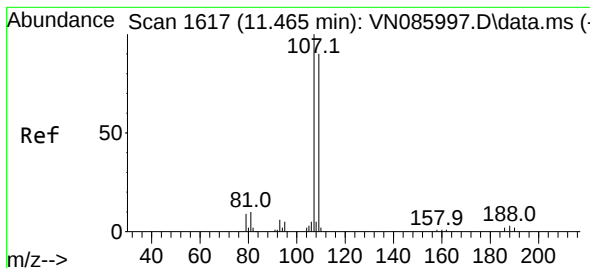
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#60
Dibromochloromethane
Concen: 19.096 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

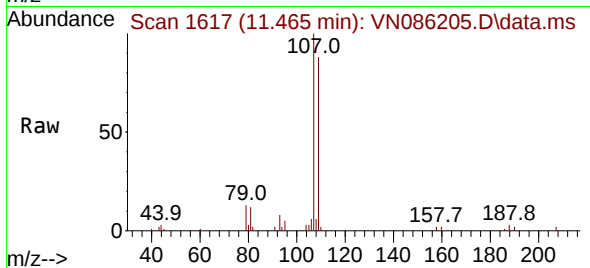
Tgt Ion:129 Resp: 31909
Ion Ratio Lower Upper
129 100
127 78.8 37.8 113.4





#61
1,2-Dibromoethane
Concen: 19.903 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

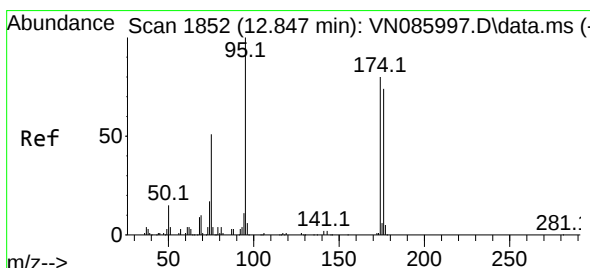
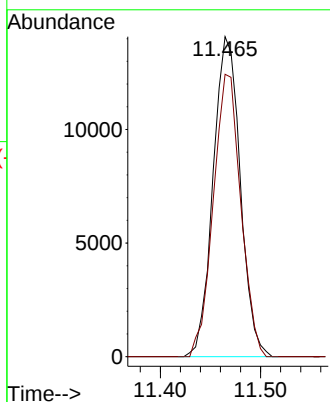
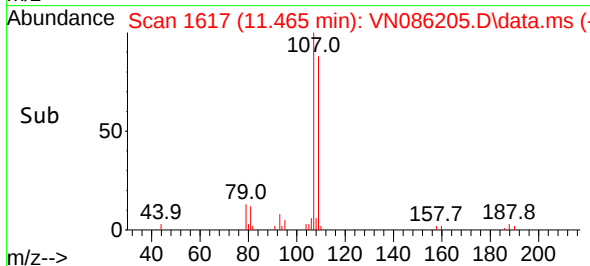
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



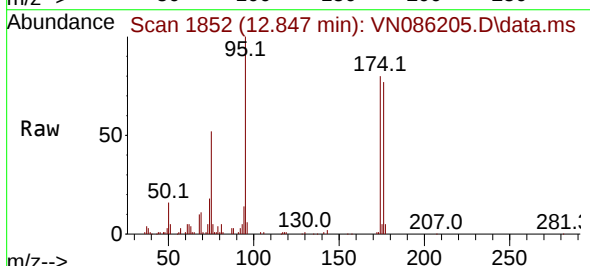
Tgt Ion:107 Resp: 26460
Ion Ratio Lower Upper
107 100
109 89.5 73.3 109.9

Manual Integrations
APPROVED

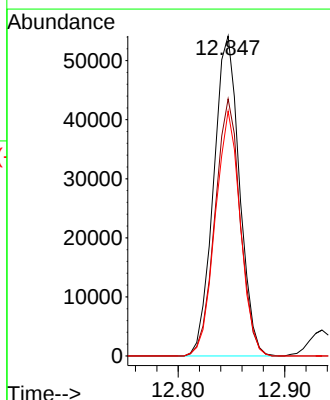
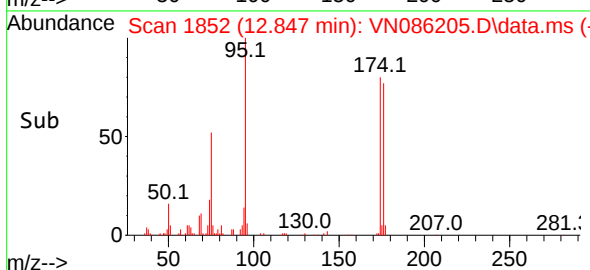
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

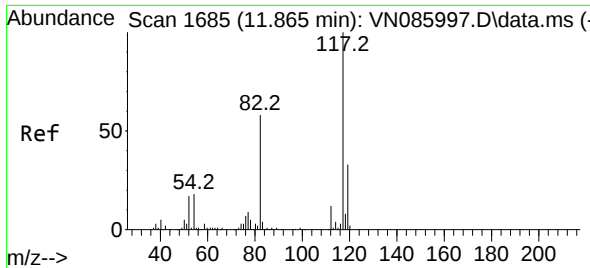


#62
4-Bromofluorobenzene
Concen: 52.769 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45



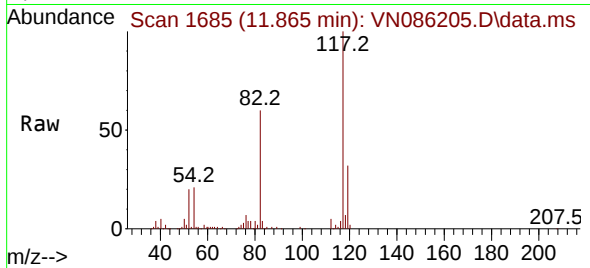
Tgt Ion: 95 Resp: 91340
Ion Ratio Lower Upper
95 100
174 78.2 0.0 156.8
176 74.1 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

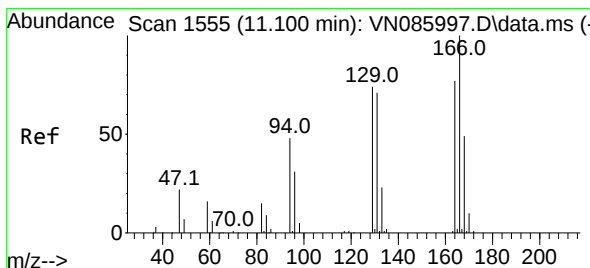
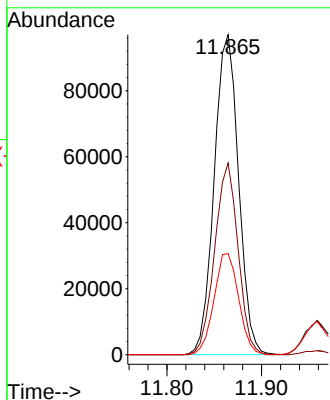
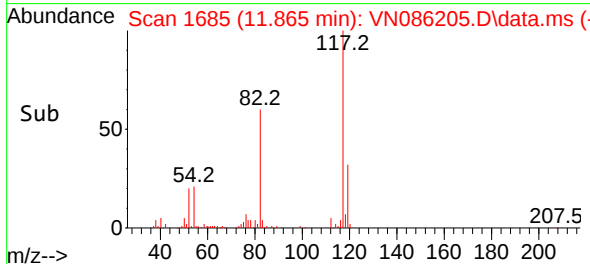
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



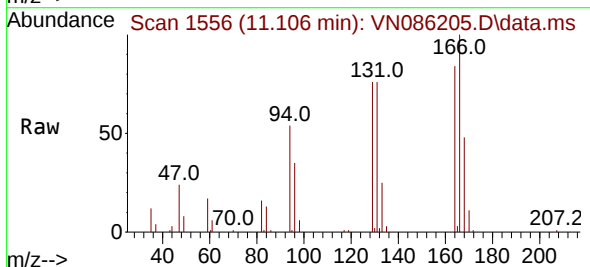
Tgt Ion:117 Resp: 173300
Ion Ratio Lower Upper
117 100
82 59.9 46.7 70.1
119 31.6 26.5 39.7

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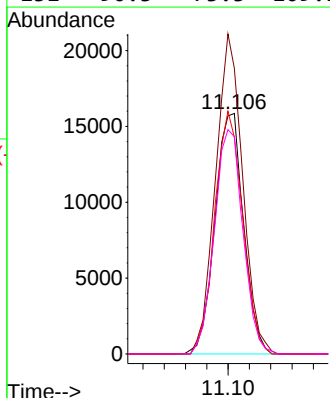
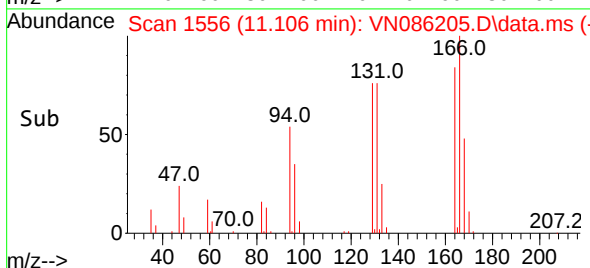
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

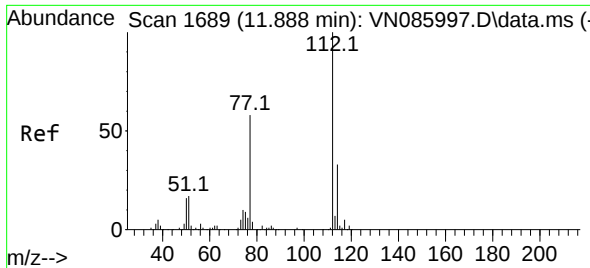


#64
Tetrachloroethene
Concen: 21.389 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45



Tgt Ion:164 Resp: 29570
Ion Ratio Lower Upper
164 100
166 118.8 103.7 155.5
129 90.1 77.1 115.7
131 90.3 73.3 109.9





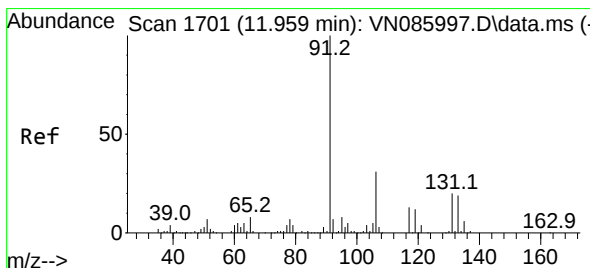
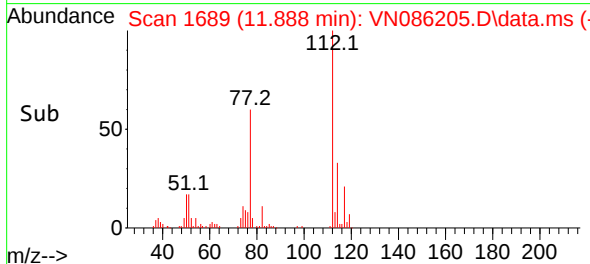
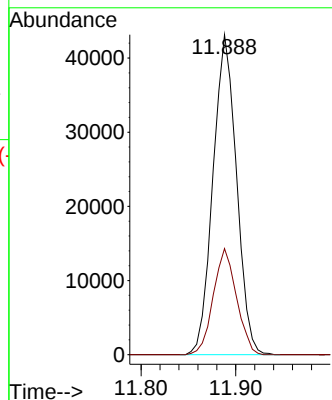
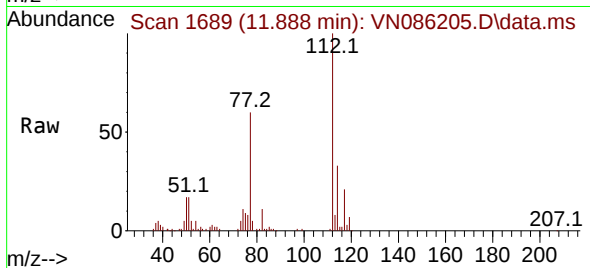
#65
Chlorobenzene
Concen: 18.783 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01

Tgt Ion:112 Resp: 7448
Ion Ratio Lower Upper
112 100
114 33.2 26.3 39.5

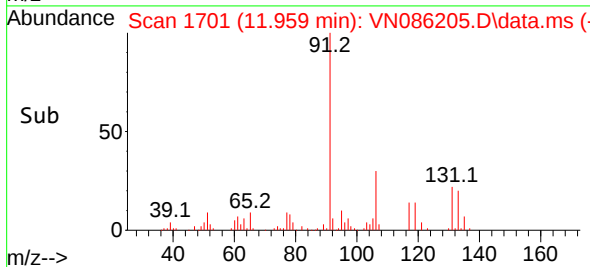
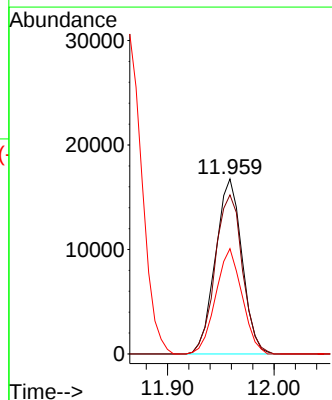
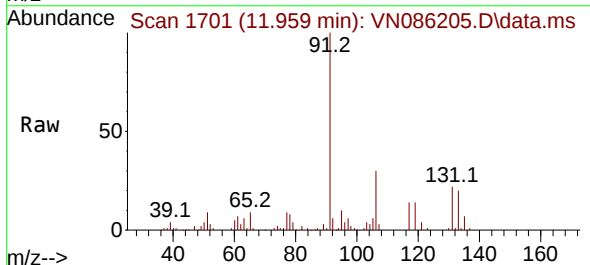
Manual Integrations
APPROVED

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



#66
1,1,1,2-Tetrachloroethane
Concen: 19.723 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

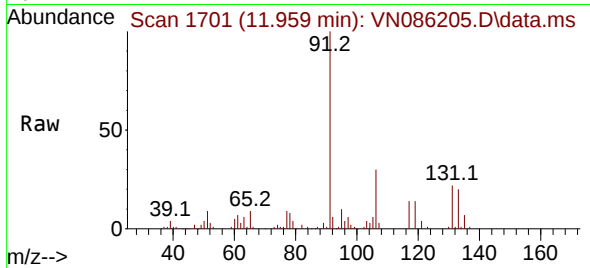
Tgt Ion:131 Resp: 29076
Ion Ratio Lower Upper
131 100
133 93.7 47.0 141.0
119 59.7 31.4 94.0





#67
Ethyl Benzene
Concen: 19.300 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

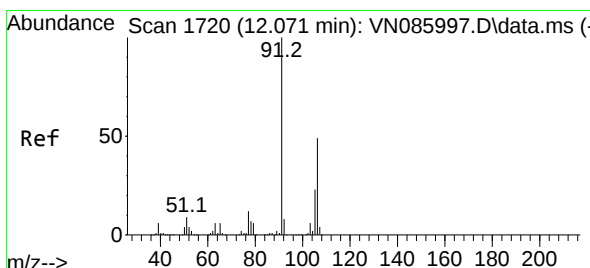
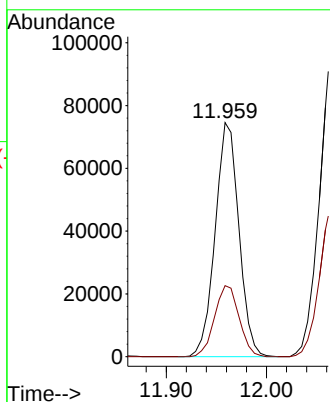
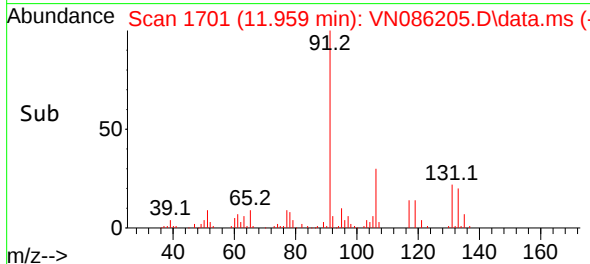
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



Tgt Ion: 91 Resp: 12243
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7

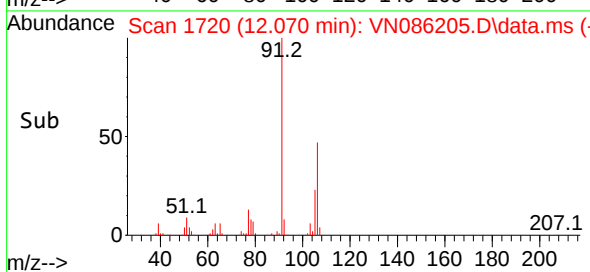
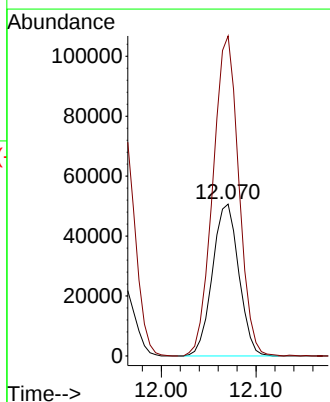
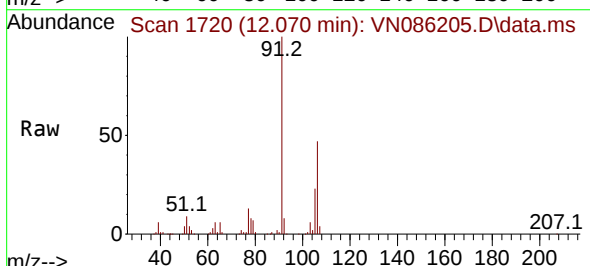
Manual Integrations
APPROVED

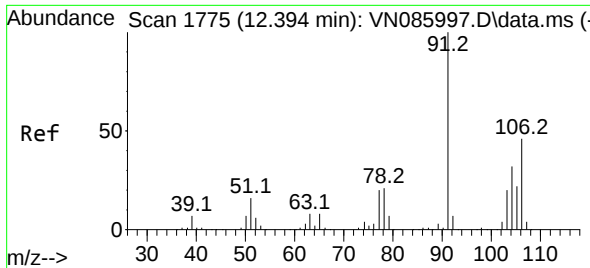
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#68
m/p-Xylenes
Concen: 39.262 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Tgt Ion:106 Resp: 97893
Ion Ratio Lower Upper
106 100
91 207.1 163.9 245.9





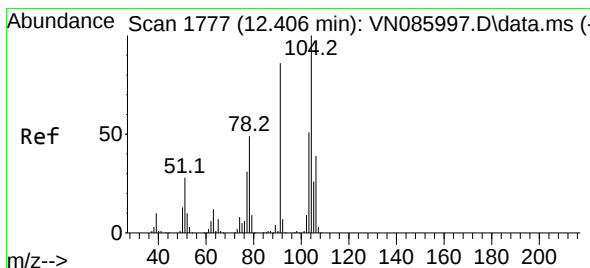
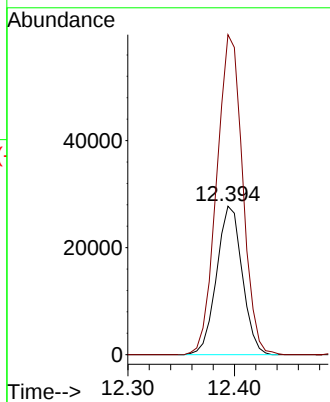
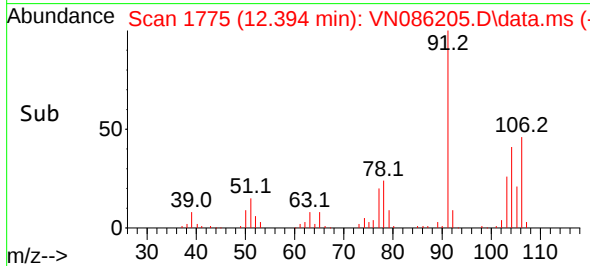
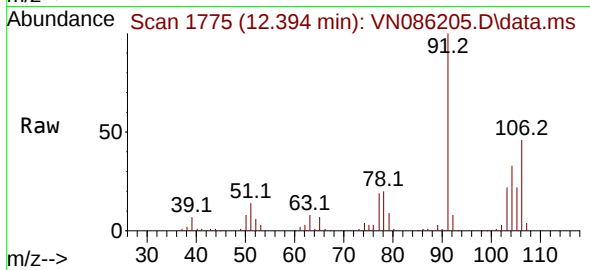
#69
o-Xylene
Concen: 20.242 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01

Tgt Ion:106 Resp: 4632
Ion Ratio Lower Upper
106 100
91 218.1 109.1 327.2

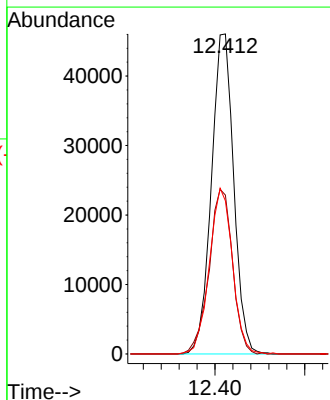
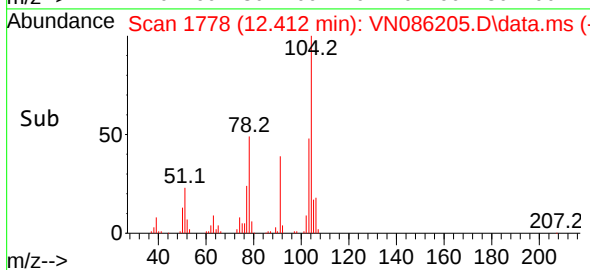
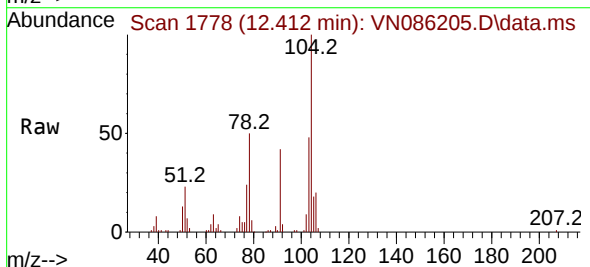
Manual Integrations
APPROVED

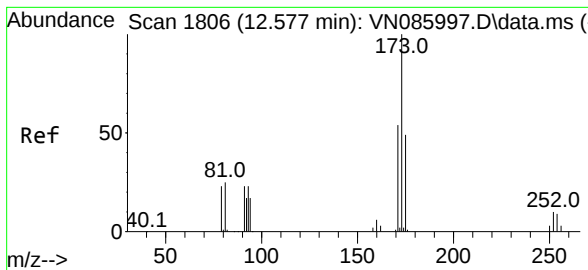
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#70
Styrene
Concen: 20.364 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Tgt Ion:104 Resp: 79597
Ion Ratio Lower Upper
104 100
78 54.1 41.4 62.2
103 53.7 42.9 64.3





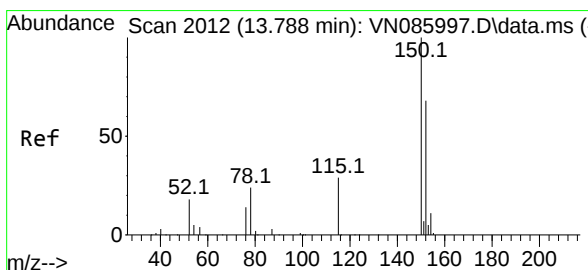
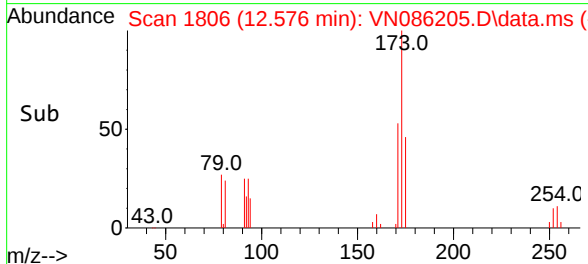
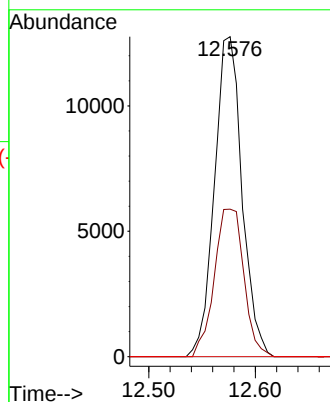
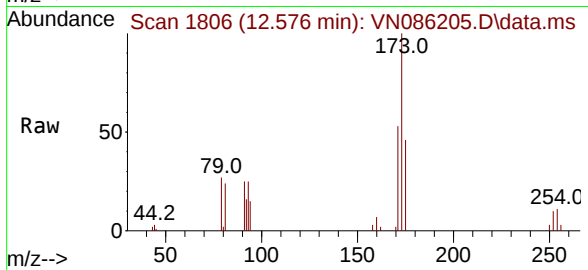
#71
Bromoform
Concen: 18.594 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01

Tgt Ion:173 Resp: 22915
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.0 0.0 0.0

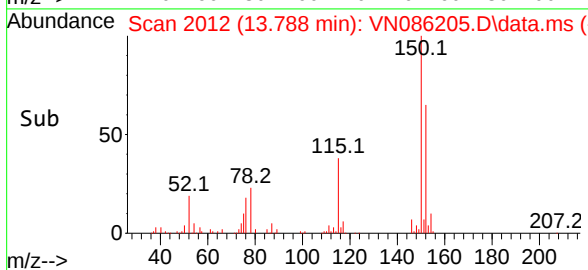
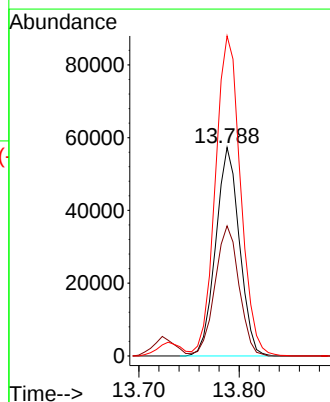
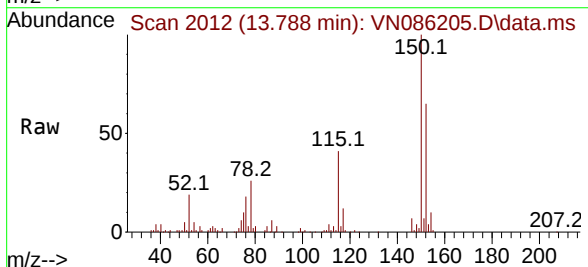
Manual Integrations
APPROVED

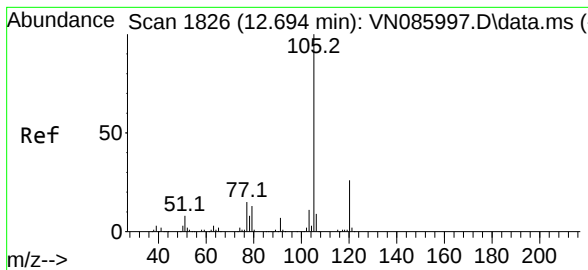
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

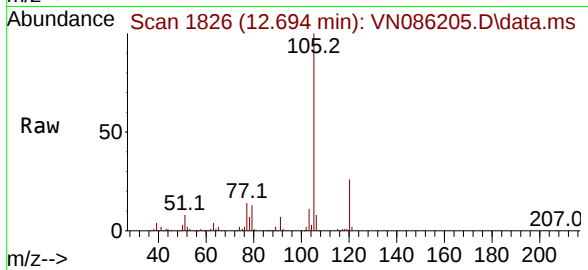
Tgt Ion:152 Resp: 93961
Ion Ratio Lower Upper
152 100
115 63.6 31.1 93.2
150 162.9 0.0 359.6





#73
Isopropylbenzene
Concen: 18.510 ug/l
RT: 12.694 min Scan# 118770
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

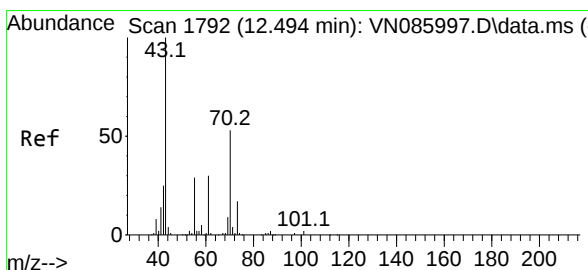
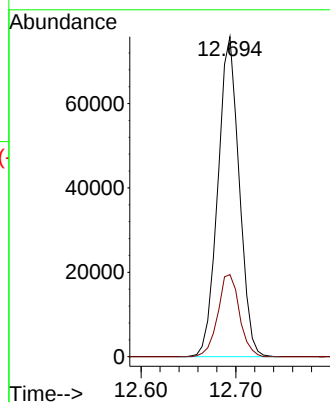
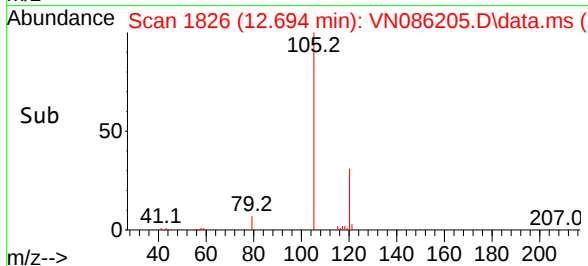
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



Tgt Ion:105 Resp: 118770
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0

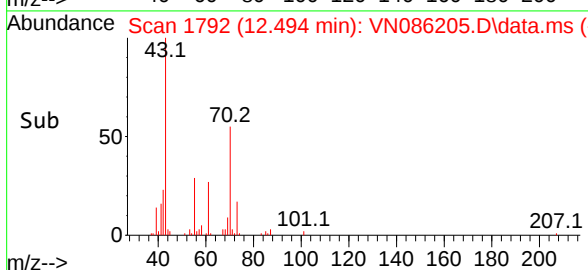
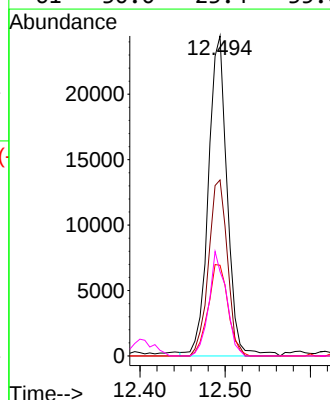
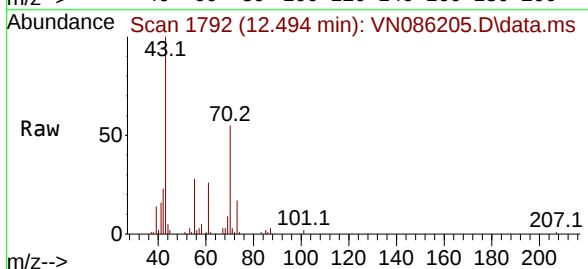
Manual Integrations
APPROVED

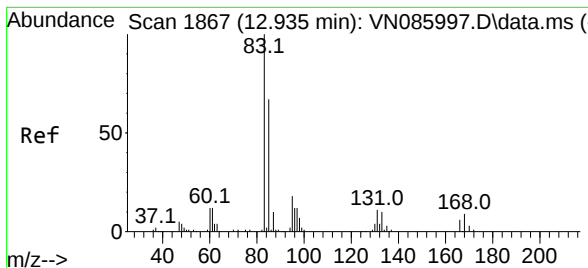
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#74
N-ethyl acetate
Concen: 17.393 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

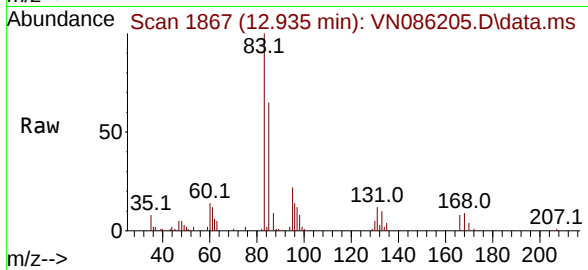
Tgt Ion: 43 Resp: 37339
Ion Ratio Lower Upper
43 100
70 55.0 43.0 64.4
55 30.4 23.8 35.8
61 30.0 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 15.284 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

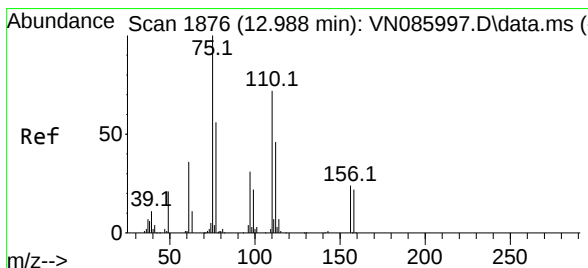
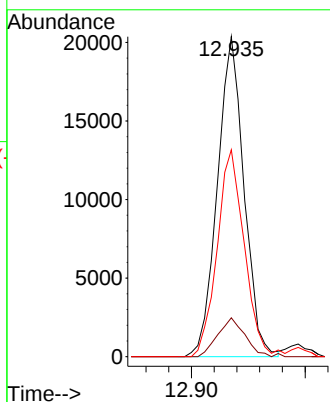
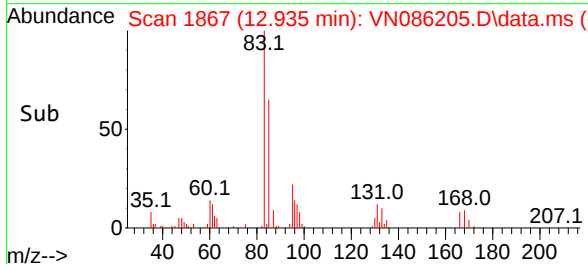
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



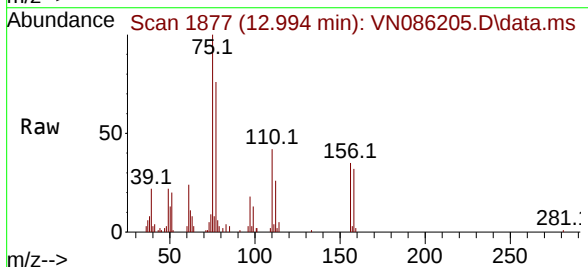
Tgt Ion: 83 Resp: 33179
Ion Ratio Lower Upper
83 100
131 12.5 5.5 16.5
85 66.1 32.6 97.8

Manual Integrations
APPROVED

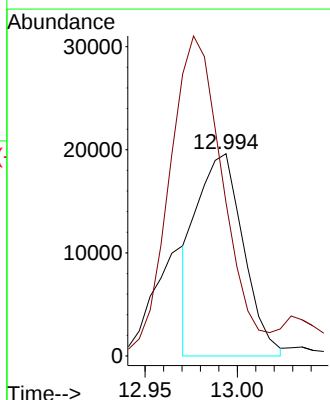
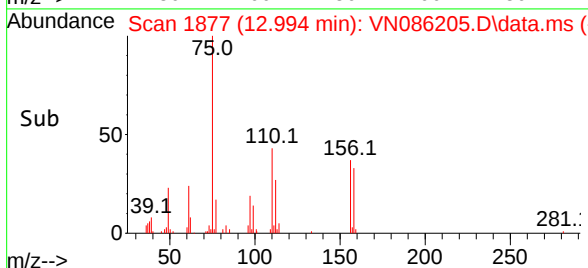
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

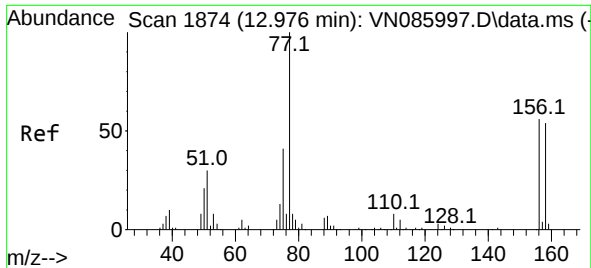


#76
1,2,3-Trichloropropane
Concen: 16.405 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45



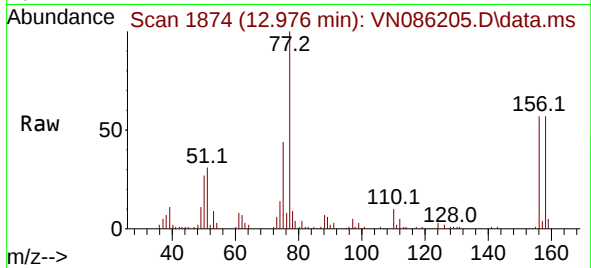
Tgt Ion: 75 Resp: 34509
Ion Ratio Lower Upper
75 100
77 183.2 83.7 251.0





#77
Bromobenzene
Concen: 17.841 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

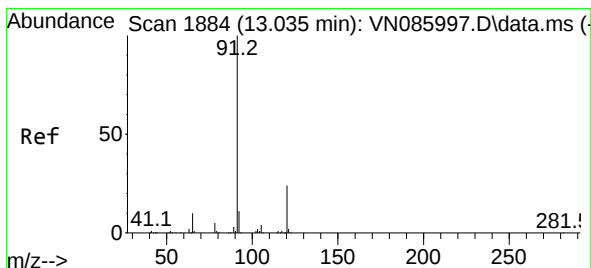
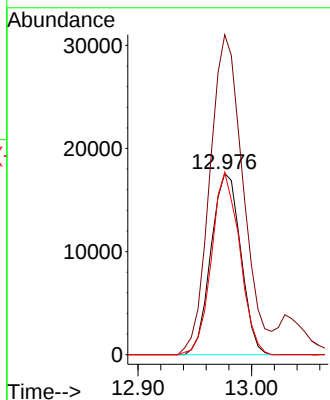
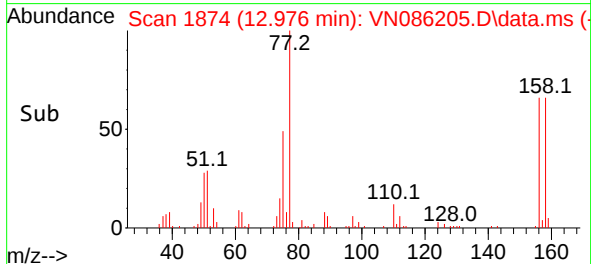
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



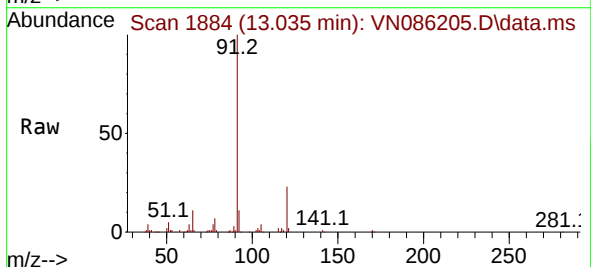
Tgt Ion:156 Resp: 3192
Ion Ratio Lower Upper
156 100
77 198.1 104.1 312.3
158 95.5 49.0 147.0

Manual Integrations
APPROVED

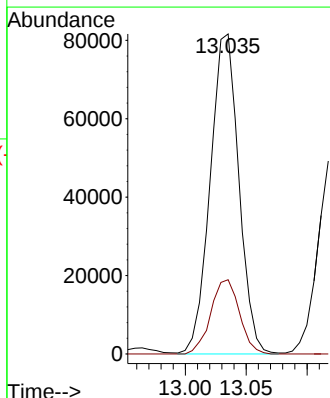
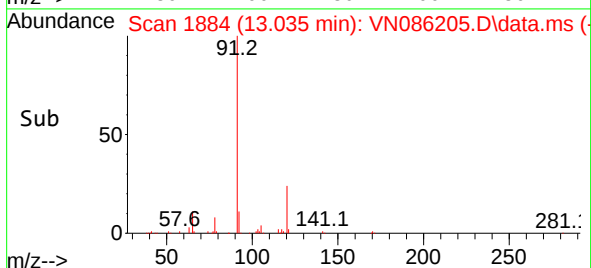
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

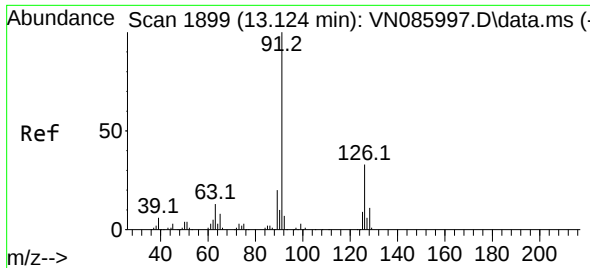


#78
n-propylbenzene
Concen: 18.423 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45



Tgt Ion: 91 Resp: 133857
Ion Ratio Lower Upper
91 100
120 23.1 11.7 35.0





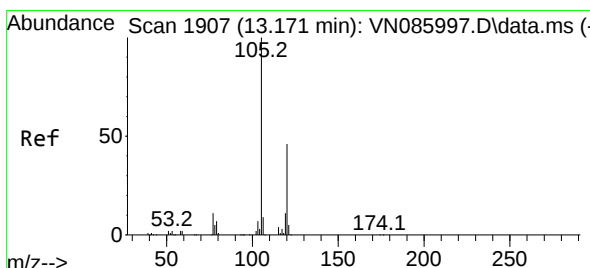
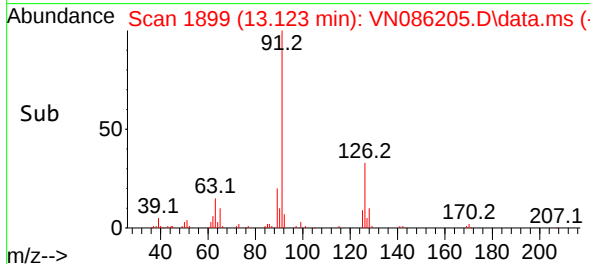
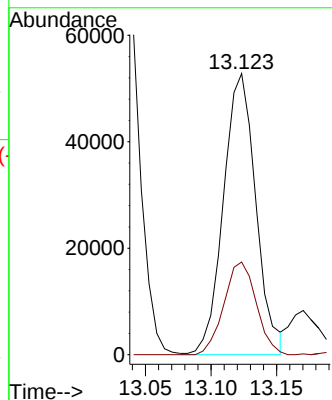
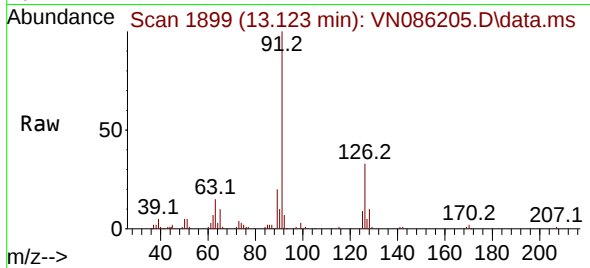
#79
2-Chlorotoluene
Concen: 18.843 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01

Tgt Ion: 91 Resp: 9093
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2

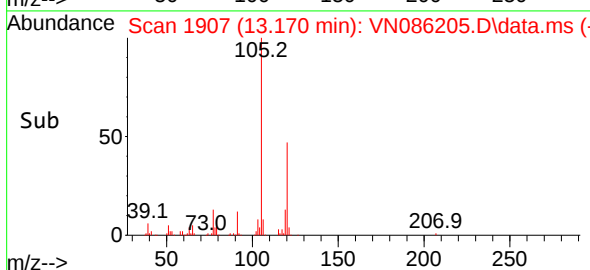
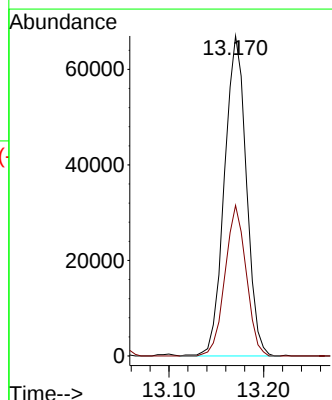
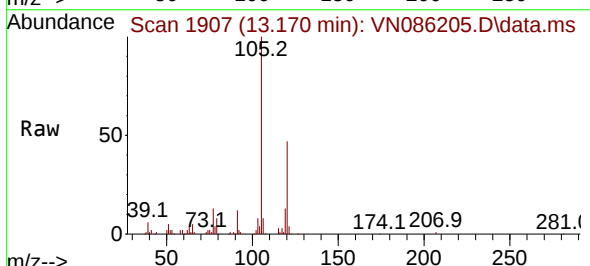
Manual Integrations
APPROVED

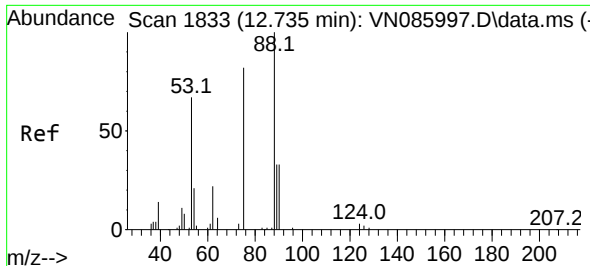
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.880 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

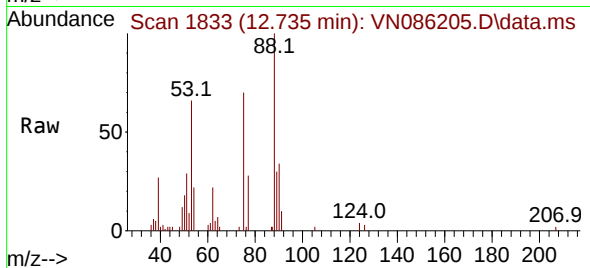
Tgt Ion:105 Resp: 107699
Ion Ratio Lower Upper
105 100
120 45.4 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.742 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

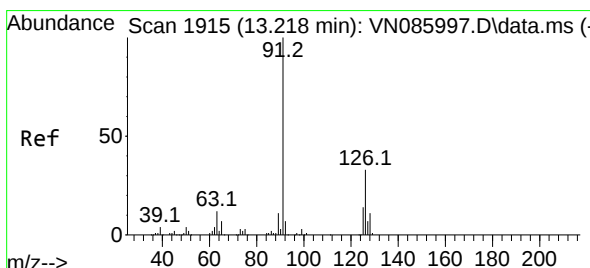
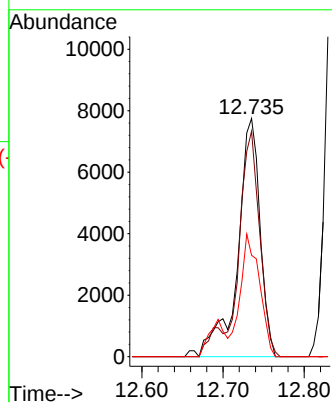
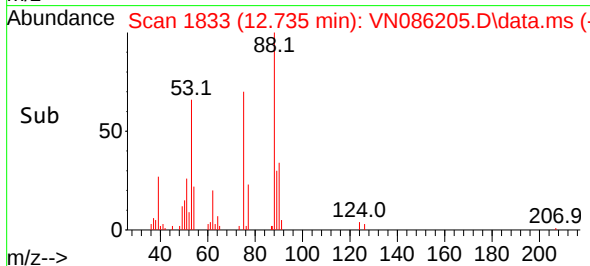
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



Tgt Ion: 75 Resp: 1491
Ion Ratio Lower Upper
75 100
53 82.6 66.0 99.0
89 44.0 36.9 55.3

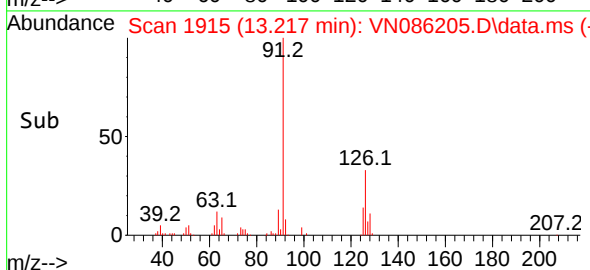
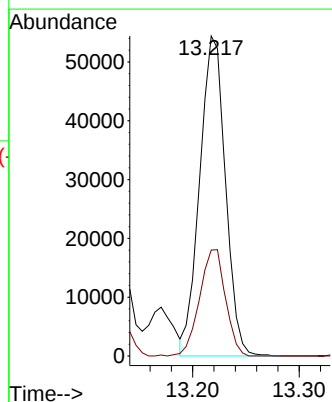
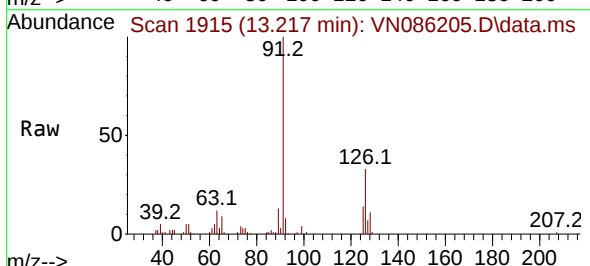
Manual Integrations
APPROVED

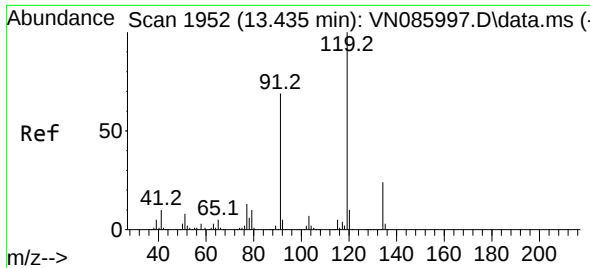
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#82
4-Chlorotoluene
Concen: 18.415 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

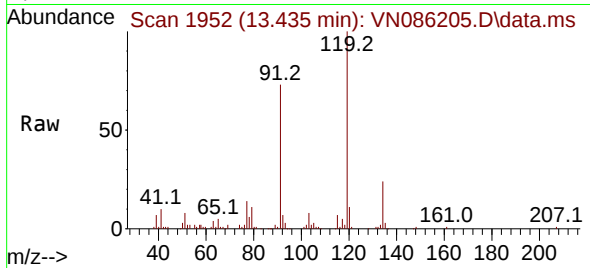
Tgt Ion: 91 Resp: 91390
Ion Ratio Lower Upper
91 100
126 33.5 16.1 48.2





#83
tert-Butylbenzene
Concen: 19.883 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

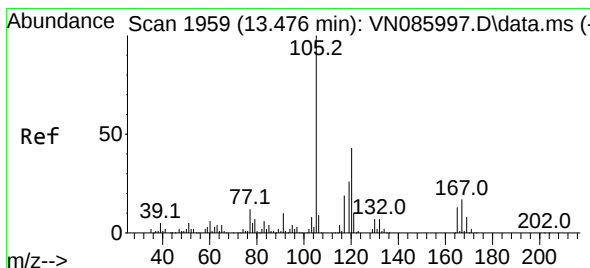
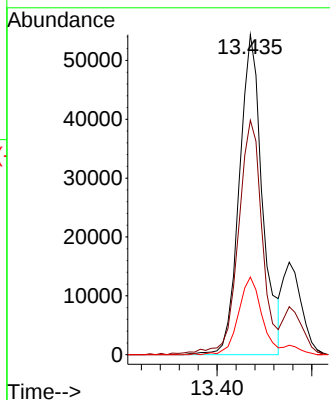
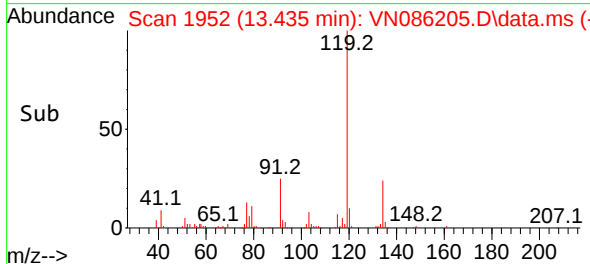
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



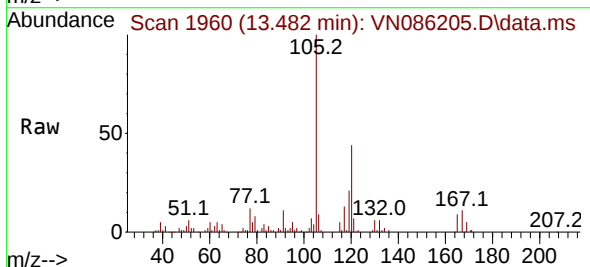
Tgt Ion:119 Resp: 9212
Ion Ratio Lower Upper
119 100
91 75.9 34.3 102.9
134 24.8 13.5 40.5

Manual Integrations
APPROVED

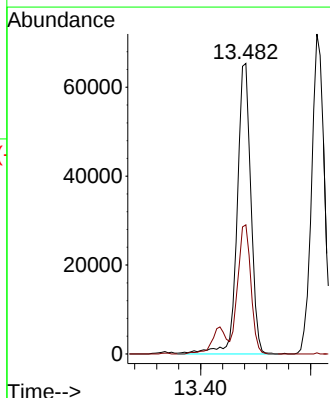
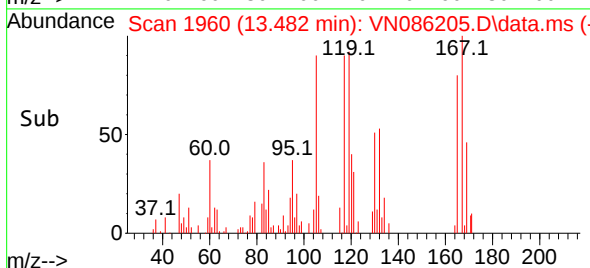
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

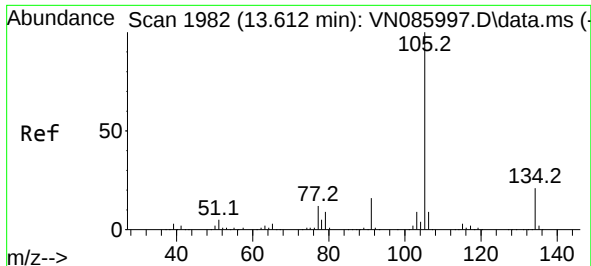


#84
1,2,4-Trimethylbenzene
Concen: 20.639 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45



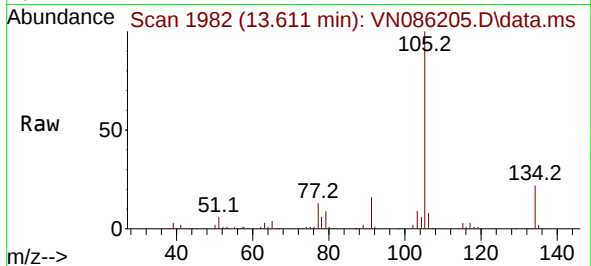
Tgt Ion:105 Resp: 112772
Ion Ratio Lower Upper
105 100
120 42.4 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 18.986 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086205.D
 Acq: 02 Apr 2025 13:45

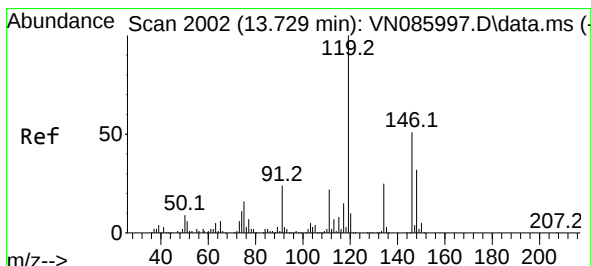
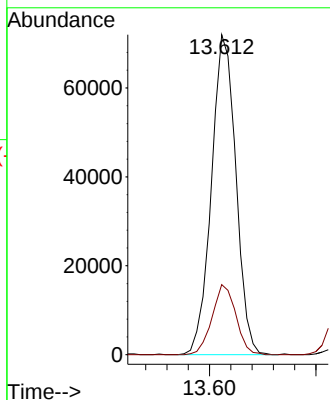
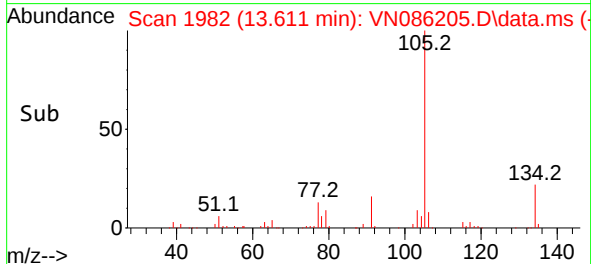
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBS01



Tgt Ion:105 Resp: 11475
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.1 30.1

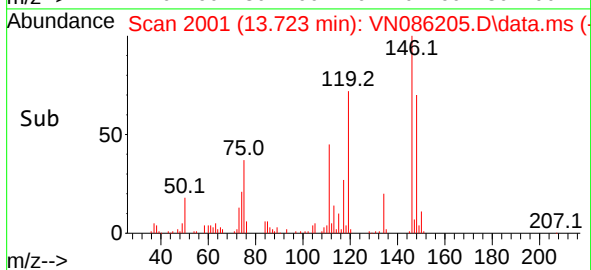
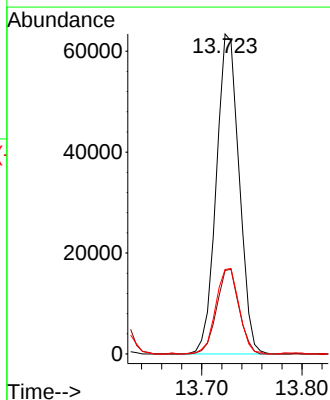
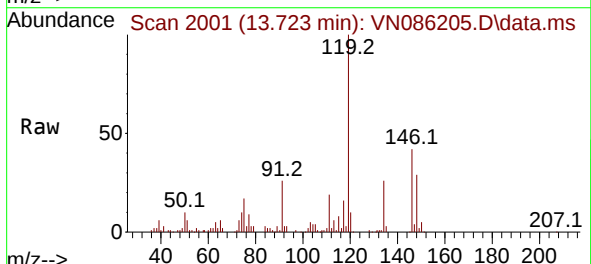
Manual Integrations
 APPROVED

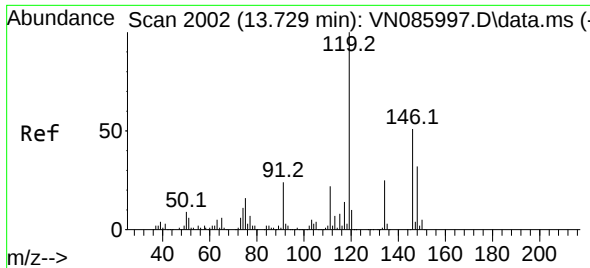
Reviewed By :John Carlone 04/03/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#86
 p-Isopropyltoluene
 Concen: 19.564 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN086205.D
 Acq: 02 Apr 2025 13:45

Tgt Ion:119 Resp: 100100
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 27.4 12.3 36.8





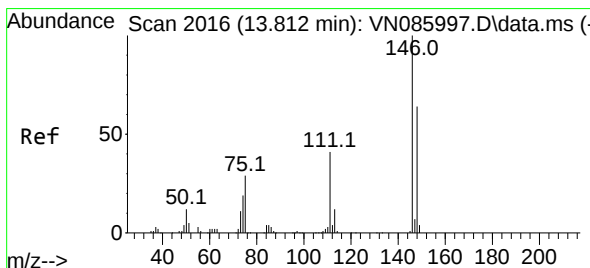
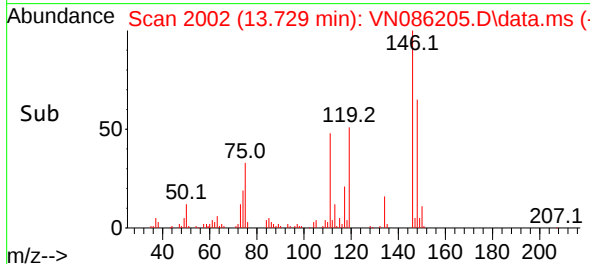
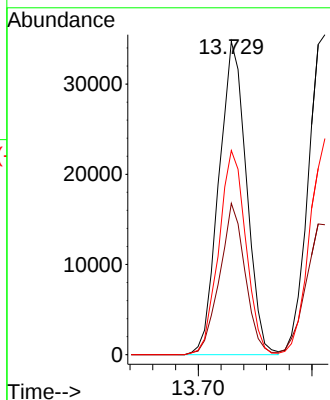
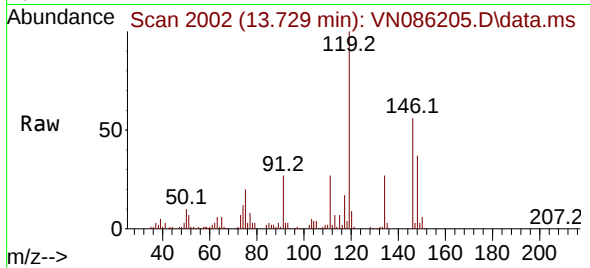
#87
1,3-Dichlorobenzene
Concen: 18.136 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01

Tgt Ion:146 Resp: 5848
Ion Ratio Lower Upper
146 100
111 44.9 21.2 63.6
148 64.0 31.8 95.4

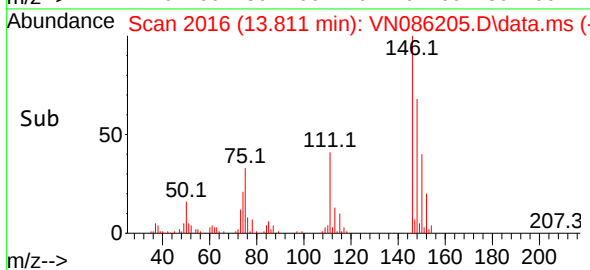
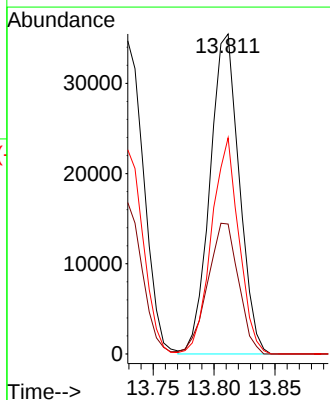
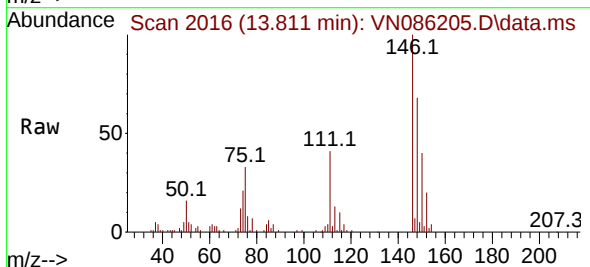
Manual Integrations
APPROVED

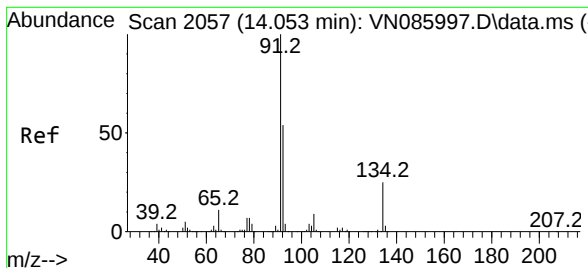
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#88
1,4-Dichlorobenzene
Concen: 17.533 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Tgt Ion:146 Resp: 59408
Ion Ratio Lower Upper
146 100
111 43.1 20.4 61.3
148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 18.311 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086205.D

Acq: 02 Apr 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBS01

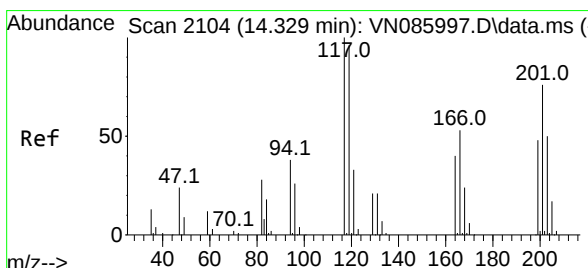
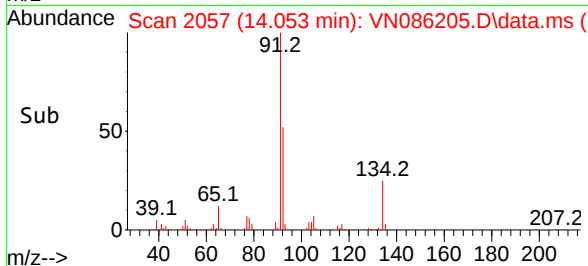
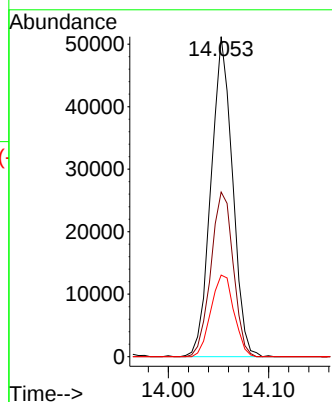
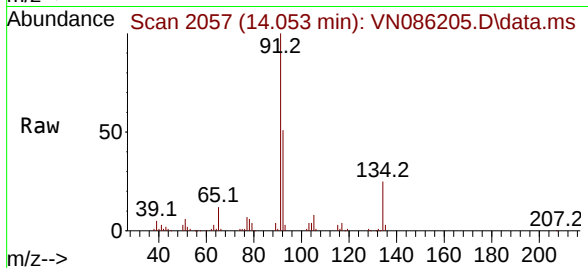
Tgt Ion: 91	Resp: 7629
Ion Ratio	Lower Upper
91 100	
92 53.5	26.9 80.6
134 27.3	13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#90

Hexachloroethane

Concen: 16.007 ug/l

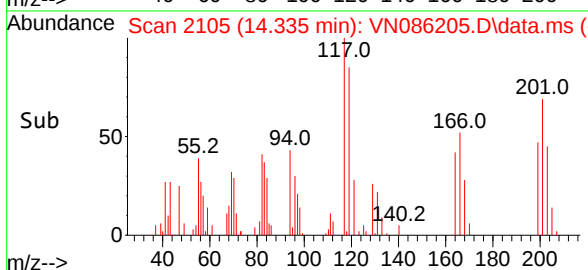
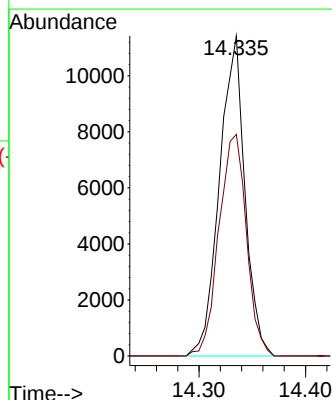
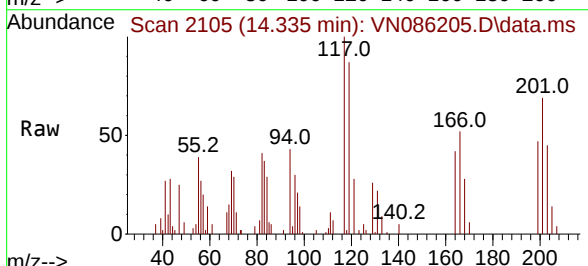
RT: 14.335 min Scan# 2105

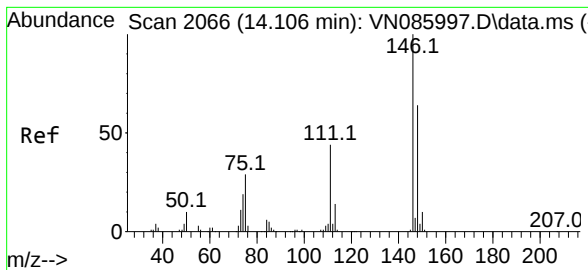
Delta R.T. 0.006 min

Lab File: VN086205.D

Acq: 02 Apr 2025 13:45

Tgt Ion: 117	Resp: 18898
Ion Ratio	Lower Upper
117 100	
201 75.0	39.1 117.3





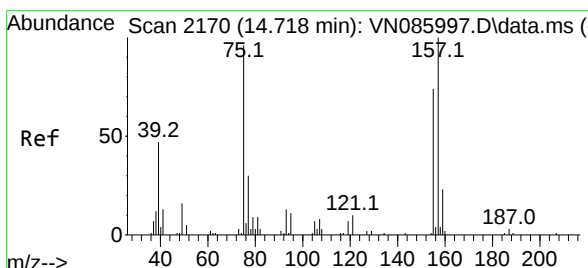
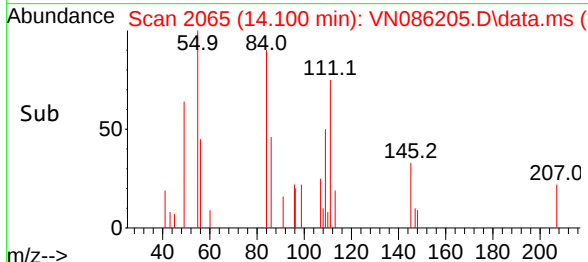
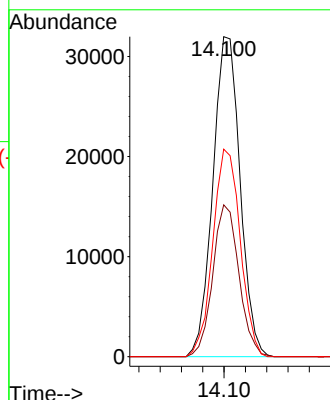
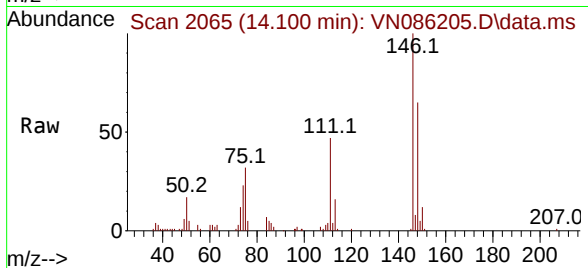
#91
1,2-Dichlorobenzene
Concen: 17.718 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01

Tgt Ion:146 Resp: 5680
Ion Ratio Lower Upper
146 100
111 45.6 22.3 66.8
148 65.2 32.1 96.5

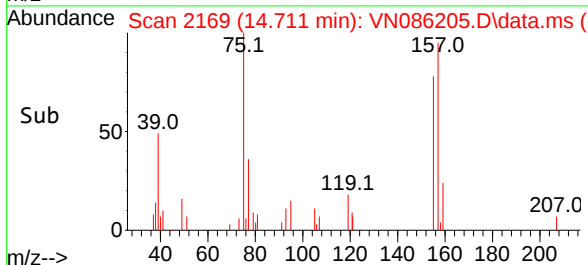
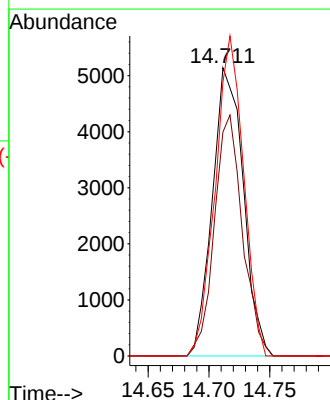
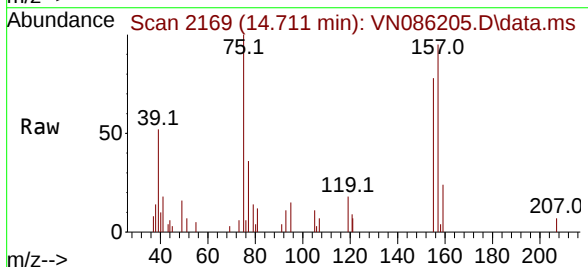
Manual Integrations
APPROVED

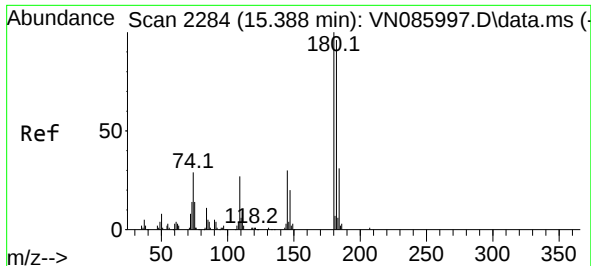
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.952 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

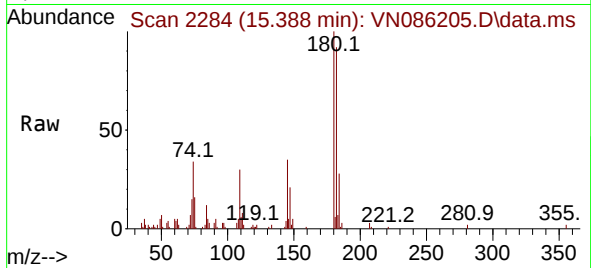
Tgt Ion: 75 Resp: 9079
Ion Ratio Lower Upper
75 100
155 76.2 41.0 123.0
157 101.9 53.7 161.1





#93
1,2,4-Trichlorobenzene
Concen: 19.505 ug/l
RT: 15.388 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45

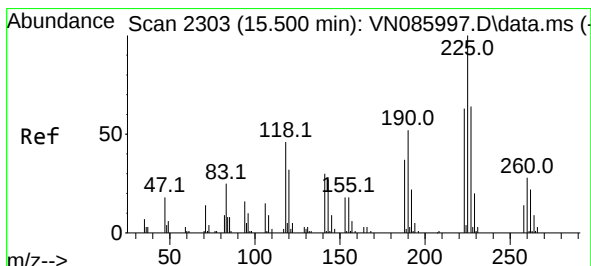
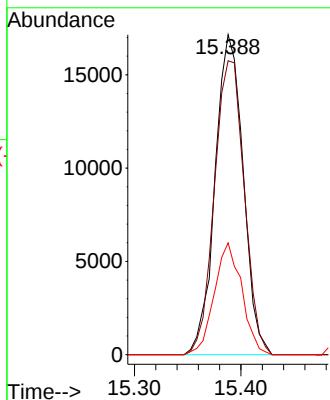
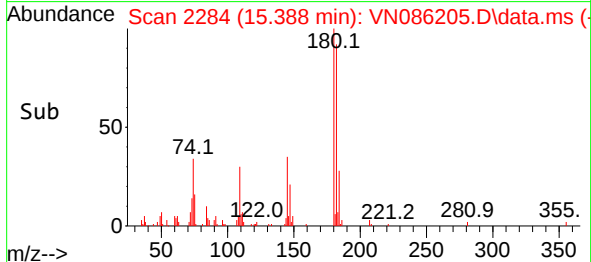
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBS01



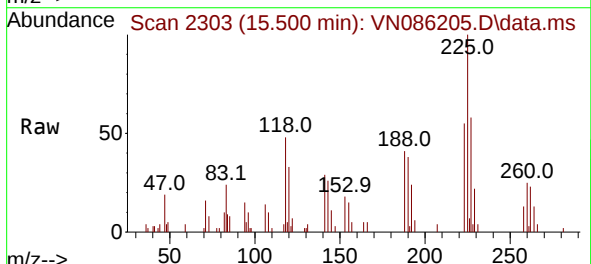
Tgt Ion:180 Resp: 3144
Ion Ratio Lower Upper
180 100
182 97.3 47.0 141.0
145 34.2 15.5 46.5

Manual Integrations
APPROVED

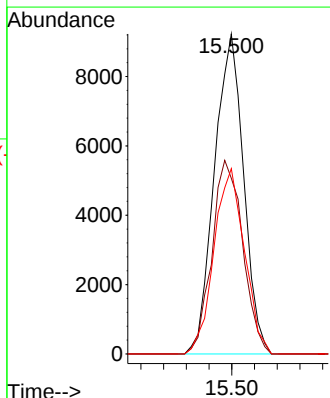
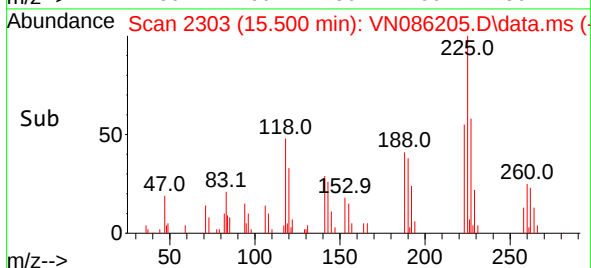
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

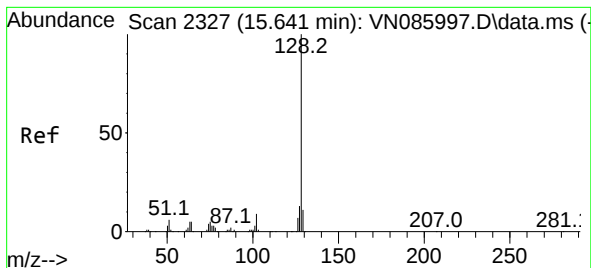


#94
Hexachlorobutadiene
Concen: 17.589 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086205.D
Acq: 02 Apr 2025 13:45



Tgt Ion:225 Resp: 16450
Ion Ratio Lower Upper
225 100
223 63.7 31.3 93.9
227 60.7 32.1 96.3





#95

Naphthalene

Concen: 20.992 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN086205.D

Acq: 02 Apr 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBS01

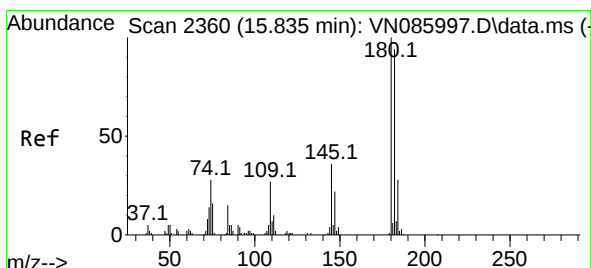
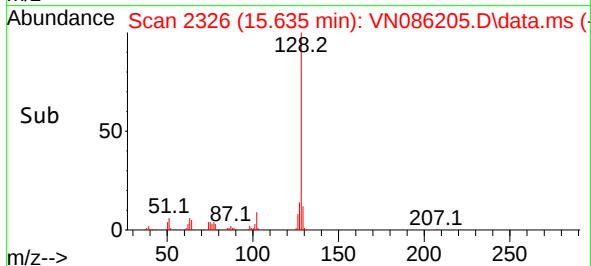
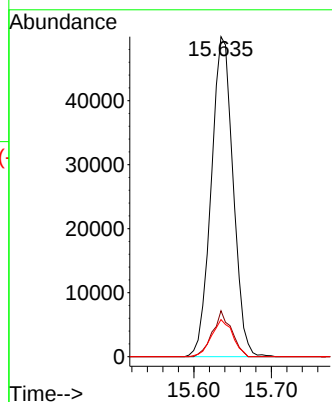
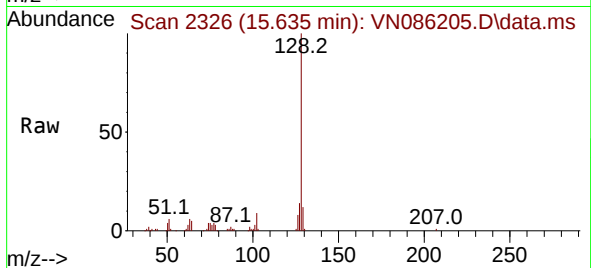
Tgt Ion:128	Resp: 9798
Ion Ratio	Lower Upper
128 100	
127 12.5	10.2 15.4
129 11.3	9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.851 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086205.D

Acq: 02 Apr 2025 13:45

Tgt Ion:180	Resp: 30364
Ion Ratio	Lower Upper
180 100	
182 97.3	47.5 142.5
145 34.7	17.7 53.1

