

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
 Data File : VN086122.D
 Acq On : 26 Mar 2025 13:35
 Operator : JC\MD
 Sample : VN0326MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

Quant Time: Mar 27 01:35:24 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	195096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137619	51.513	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.020%			
35) Dibromofluoromethane	8.165	113	114150	52.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.760%			
50) Toluene-d8	10.565	98	416117	52.608	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.220%			
62) 4-Bromofluorobenzene	12.847	95	143573	50.897	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46769	18.094	ug/l	100
3) Chloromethane	2.359	50	48692	21.489	ug/l	99
4) Vinyl Chloride	2.512	62	50144	21.643	ug/l	94
5) Bromomethane	2.953	94	31959	20.251	ug/l	100
6) Chloroethane	3.118	64	31621	21.635	ug/l #	86
7) Trichlorofluoromethane	3.495	101	74798	17.959	ug/l	99
8) Diethyl Ether	3.959	74	24314	19.070	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	44403	20.060	ug/l	98
10) Methyl Iodide	4.589	142	55980	19.409	ug/l	95
11) Tert butyl alcohol	5.524	59	35967	95.090	ug/l	98
12) 1,1-Dichloroethene	4.342	96	38666	19.345	ug/l	91
13) Acrolein	4.183	56	35853	88.872	ug/l	96
14) Allyl chloride	5.030	41	46607	18.691	ug/l	97
15) Acrylonitrile	5.718	53	111850	111.970	ug/l	98
16) Acetone	4.430	43	82121	100.617	ug/l	97
17) Carbon Disulfide	4.712	76	114644	17.441	ug/l	98
18) Methyl Acetate	5.024	43	51262	25.385	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	128250	19.581	ug/l	100
20) Methylene Chloride	5.277	84	50536	21.165	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	42616	19.510	ug/l	94
22) Diisopropyl ether	6.665	45	121181	22.805	ug/l	95
23) Vinyl Acetate	6.600	43	429174	106.544	ug/l	100
24) 1,1-Dichloroethane	6.571	63	81622	20.889	ug/l	98
25) 2-Butanone	7.483	43	129699	110.130	ug/l	94
26) 2,2-Dichloropropane	7.488	77	69562	18.491	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	49754	20.044	ug/l	100
28) Bromochloromethane	7.806	49	37632	22.731	ug/l	95
29) Tetrahydrofuran	7.835	42	81839	112.560	ug/l	99
30) Chloroform	7.959	83	88607	20.516	ug/l	94
31) Cyclohexane	8.253	56	63691	19.134	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	77303	18.908	ug/l	98
36) 1,1-Dichloropropene	8.371	75	55465	19.328	ug/l	100
37) Ethyl Acetate	7.559	43	51603	21.315	ug/l	100
38) Carbon Tetrachloride	8.359	117	72387	19.184	ug/l	98
39) Methylcyclohexane	9.600	83	51157	17.968	ug/l #	88
40) Benzene	8.606	78	187659	20.831	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	27165	23.498	ug/l	95
42) 1,2-Dichloroethane	8.671	62	63476	20.221	ug/l	98
43) Isopropyl Acetate	8.688	43	93646	17.850	ug/l	95
44) Trichloroethene	9.347	130	42909	18.378	ug/l	87
45) 1,2-Dichloropropane	9.618	63	46169	22.532	ug/l	99
46) Dibromomethane	9.706	93	35270	21.888	ug/l	97
47) Bromodichloromethane	9.888	83	71371	21.192	ug/l	96
48) Methyl methacrylate	9.677	41	36480	21.072	ug/l	98
49) 1,4-Dioxane	9.694	88	19142	467.735	ug/l #	90
51) 4-Methyl-2-Pentanone	10.441	43	274448	118.618	ug/l	98
52) Toluene	10.629	92	117414	21.236	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	66824	20.431	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	72190	20.920	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	47077	22.308	ug/l	96
56) Ethyl methacrylate	10.876	69	61594	21.225	ug/l	96
57) 1,3-Dichloropropane	11.159	76	77049	21.496	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	128800	116.156	ug/l	96
59) 2-Hexanone	11.194	43	199139	118.147	ug/l	96
60) Dibromochloromethane	11.359	129	57457	21.099	ug/l	100
61) 1,2-Dibromoethane	11.470	107	45615	21.055	ug/l	96
64) Tetrachloroethene	11.100	164	46343	20.324	ug/l	91
65) Chlorobenzene	11.888	112	126921	19.404	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	48877	20.102	ug/l	100
67) Ethyl Benzene	11.965	91	197077	18.836	ug/l	99
68) m/p-Xylenes	12.070	106	164329	39.959	ug/l	97
69) o-Xylene	12.394	106	74999	19.870	ug/l	95
70) Styrene	12.412	104	128564	19.942	ug/l	98
71) Bromoform	12.576	173	40512	19.931	ug/l #	100
73) Isopropylbenzene	12.694	105	181650	18.215	ug/l	99
74) N-amyl acetate	12.494	43	69553	20.846	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	67306	19.949	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	65543m	20.047	ug/l	
77) Bromobenzene	12.976	156	53010	19.063	ug/l	97
78) n-propylbenzene	13.035	91	223183	19.764	ug/l	99
79) 2-Chlorotoluene	13.123	91	146308	19.506	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	162851	19.342	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	25654	20.745	ug/l	96
82) 4-Chlorotoluene	13.217	91	149132	19.334	ug/l	99
83) tert-Butylbenzene	13.435	119	123528	17.154	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	163776	19.285	ug/l	99
85) sec-Butylbenzene	13.617	105	179339	19.091	ug/l	99
86) p-Isopropyltoluene	13.729	119	151502	19.052	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	96712	19.295	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	96535	18.331	ug/l	99
89) n-Butylbenzene	14.053	91	115359	17.814	ug/l	98
90) Hexachloroethane	14.329	117	34204	18.641	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	93583	18.781	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12929	19.197	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	40784	16.278	ug/l	99
94) Hexachlorobutadiene	15.494	225	24330	16.738	ug/l	97
95) Naphthalene	15.635	128	115706	15.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	40547	17.056	ug/l	98

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Response via : Initial Calibration

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

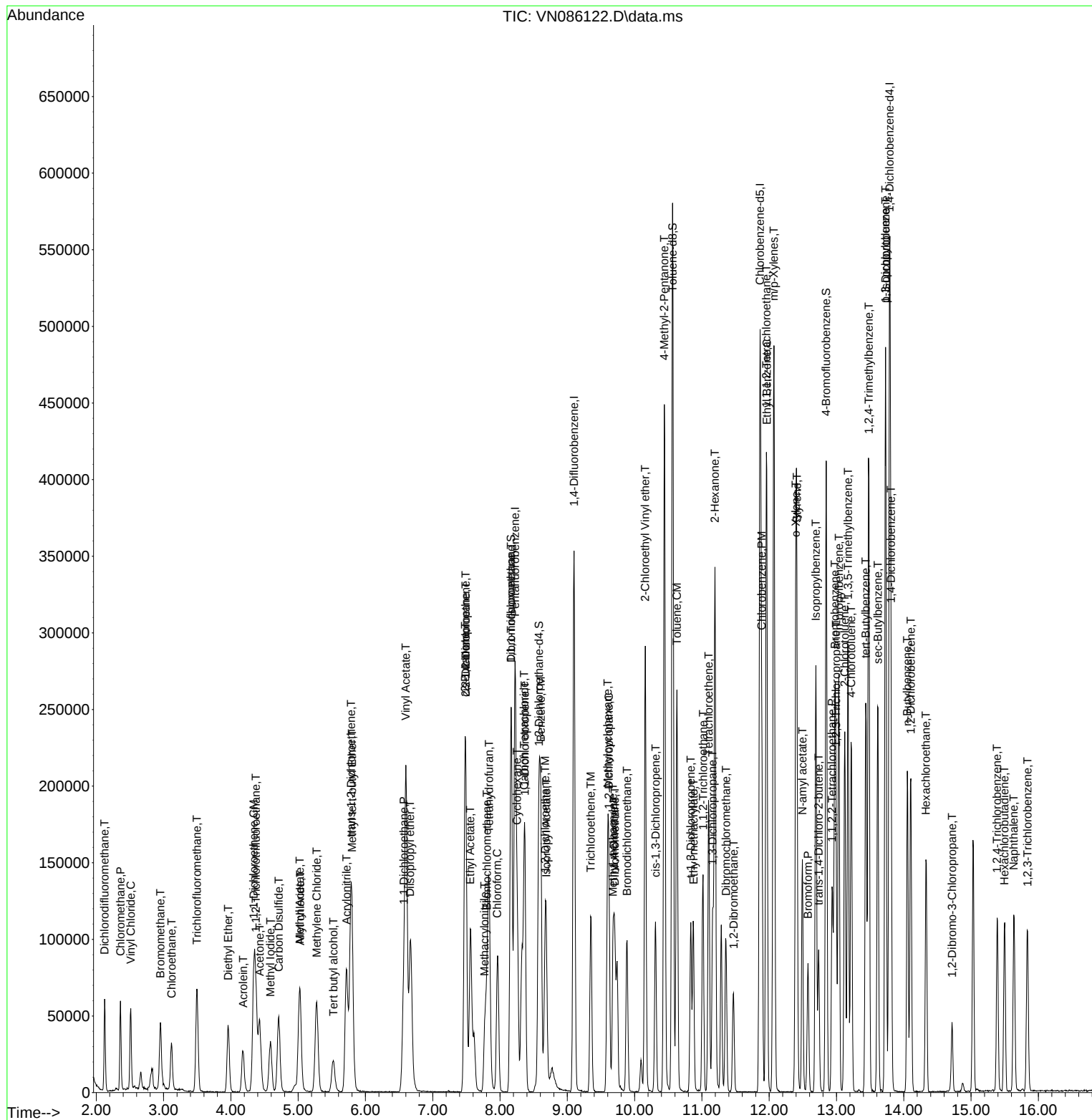
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
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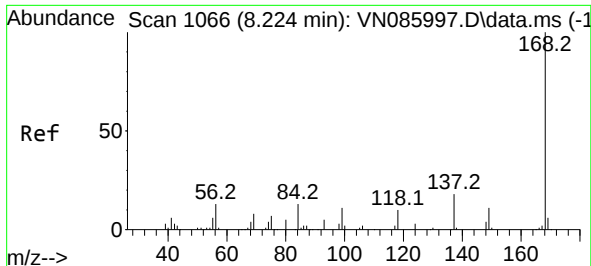
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Manual Integrations APPROVED

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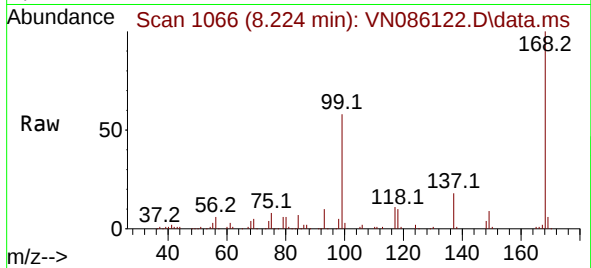
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086122.D
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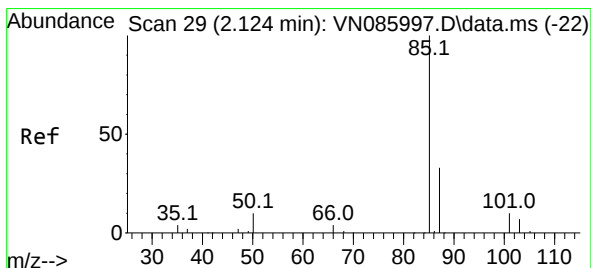
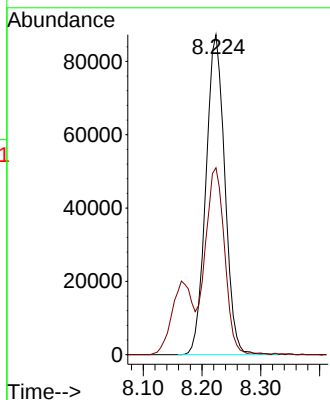
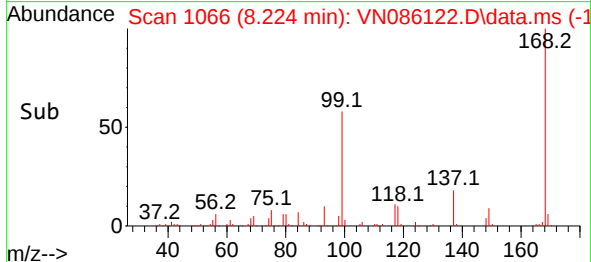
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



Tgt Ion:168 Resp: 195090
Ion Ratio Lower Upper
168 100
99 58.2 49.4 74.2

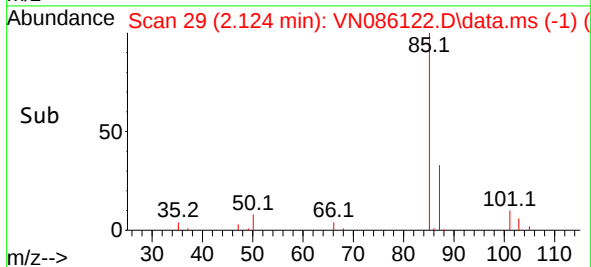
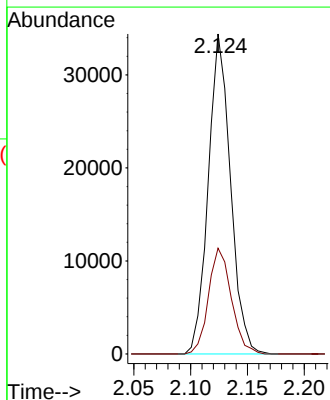
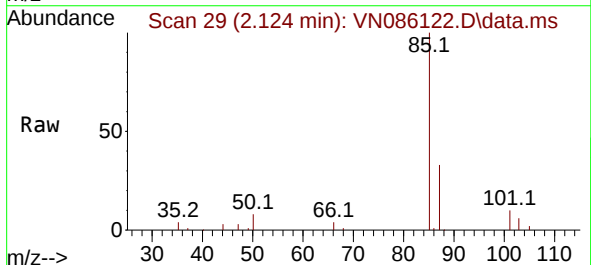
Manual Integrations
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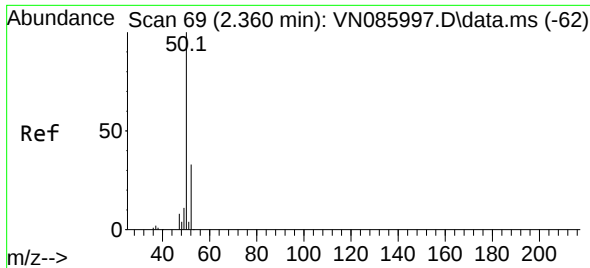
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#2
Dichlorodifluoromethane
Concen: 18.094 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086122.D
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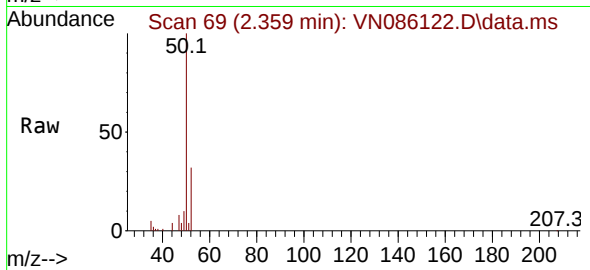
Tgt Ion: 85 Resp: 46769
Ion Ratio Lower Upper
85 100
87 33.0 16.5 49.5





#3
Chloromethane
Concen: 21.489 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

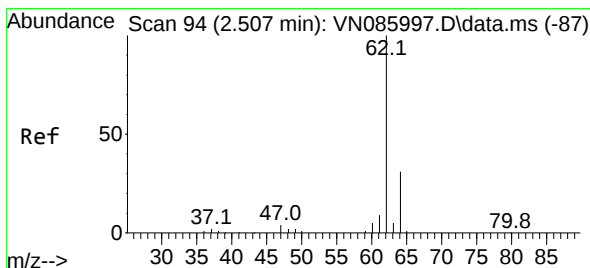
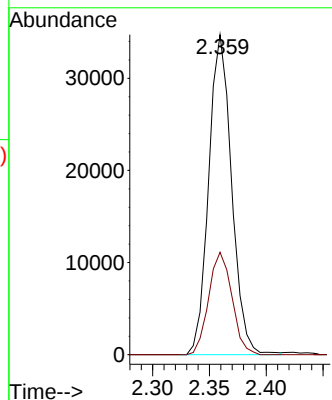
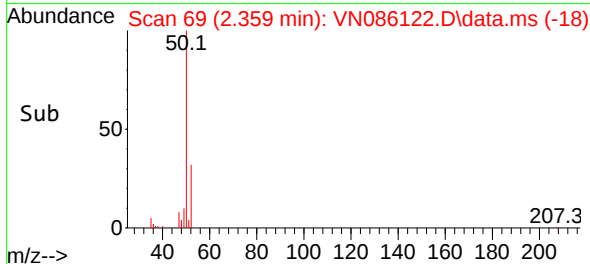
Instrument :
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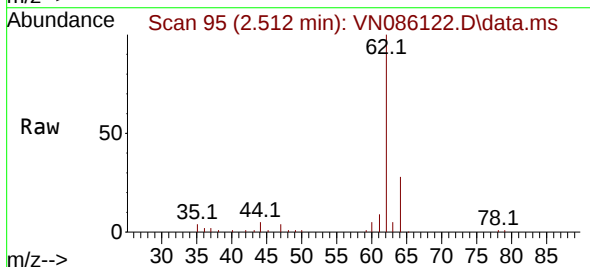
Tgt Ion: 50 Resp: 48692
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0

Manual Integrations
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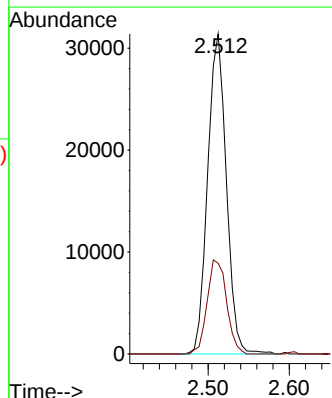
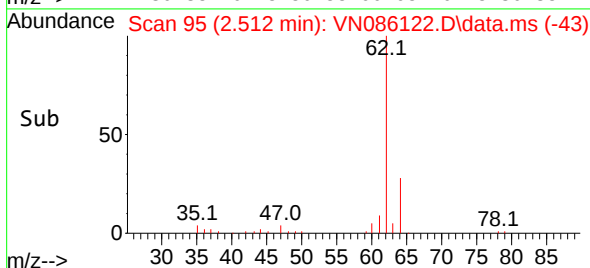
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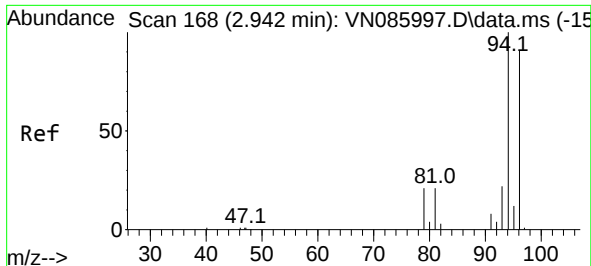


#4
Vinyl Chloride
Concen: 21.643 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35



Tgt Ion: 62 Resp: 50144
Ion Ratio Lower Upper
62 100
64 28.4 25.2 37.8





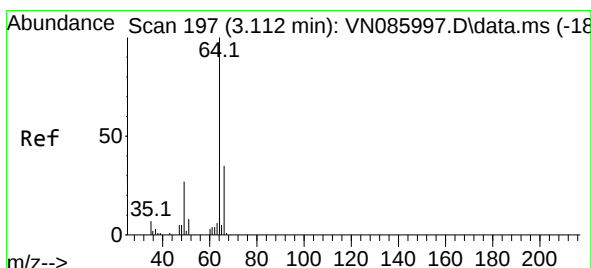
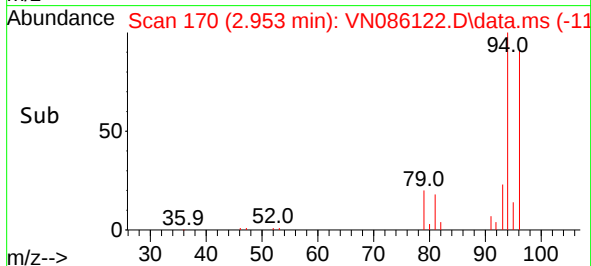
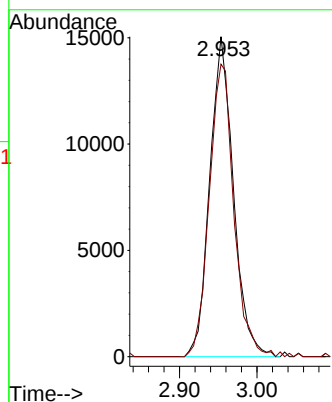
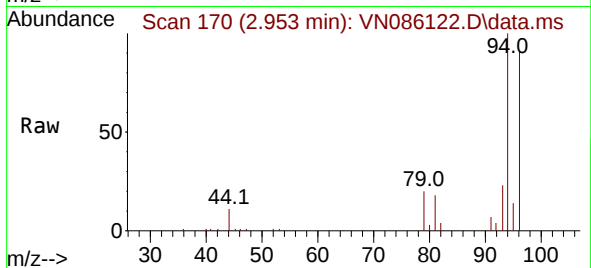
#5
Bromomethane
Concen: 20.251 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
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ClientSampleId :
VN0326MBS01

Tgt Ion: 94 Resp: 31958
Ion Ratio Lower Upper
94 100
96 91.4 72.8 109.2

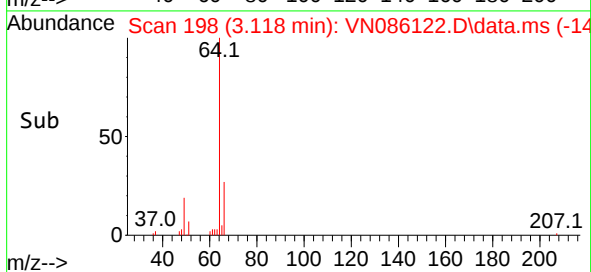
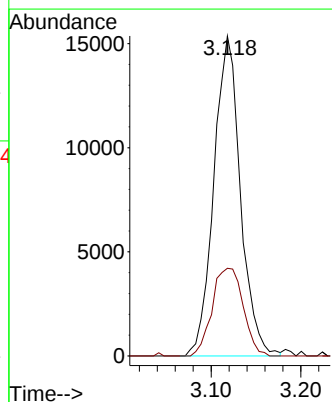
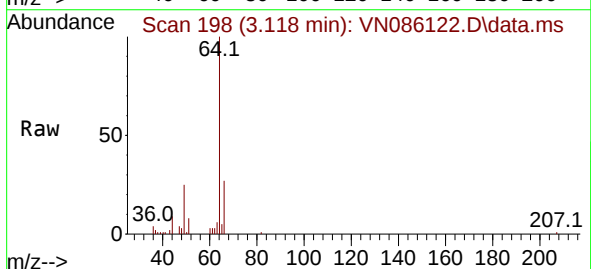
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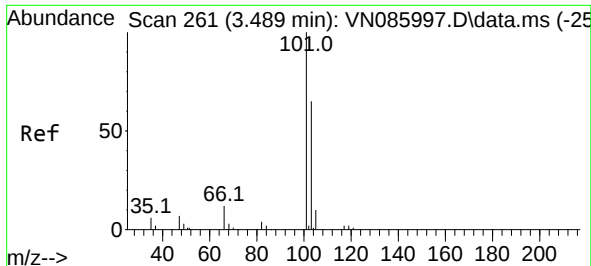
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#6
Chloroethane
Concen: 21.635 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Tgt Ion: 64 Resp: 31621
Ion Ratio Lower Upper
64 100
66 27.4 28.3 42.5#





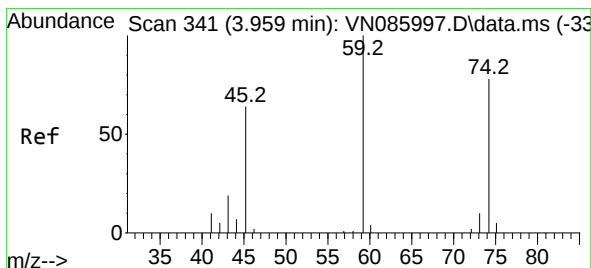
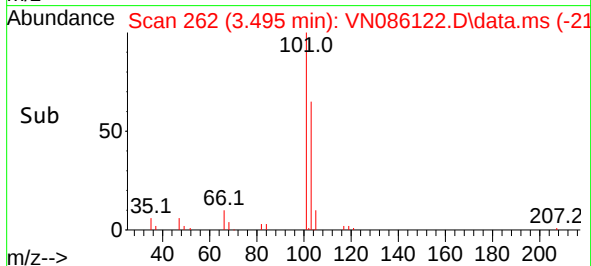
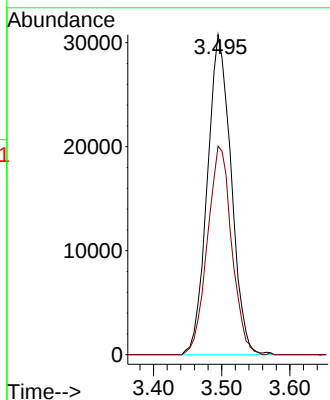
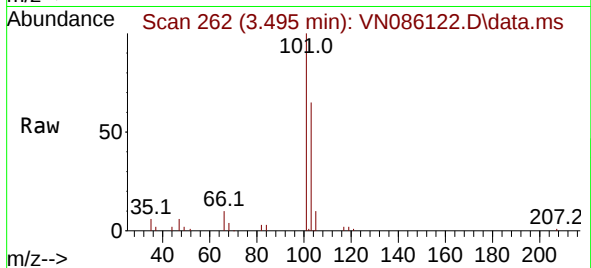
#7
Trichlorofluoromethane
Concen: 17.959 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
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Tgt Ion:101 Resp: 74798
Ion Ratio Lower Upper
101 100
103 65.2 51.7 77.5

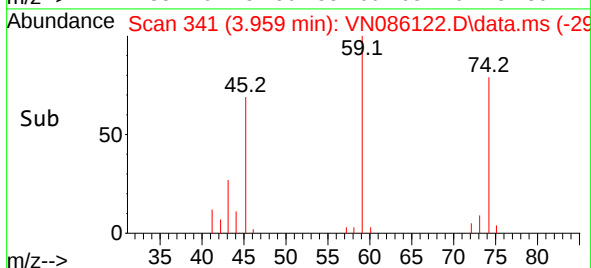
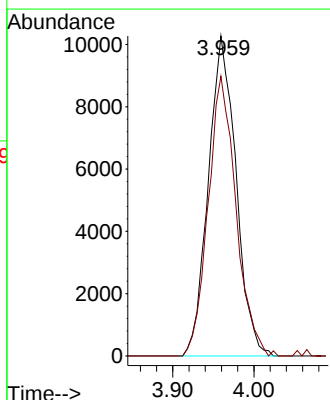
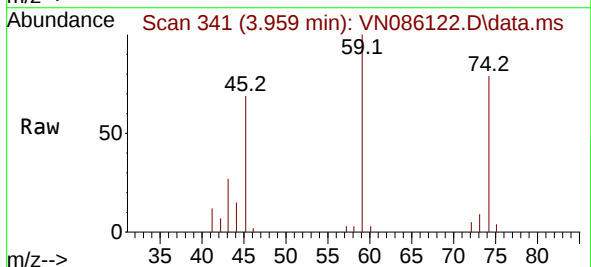
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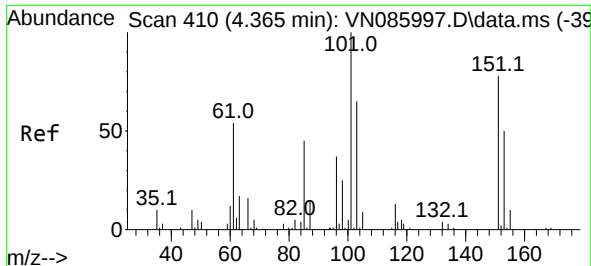
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#8
Diethyl Ether
Concen: 19.070 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Tgt Ion: 74 Resp: 24314
Ion Ratio Lower Upper
74 100
45 88.2 38.0 113.9





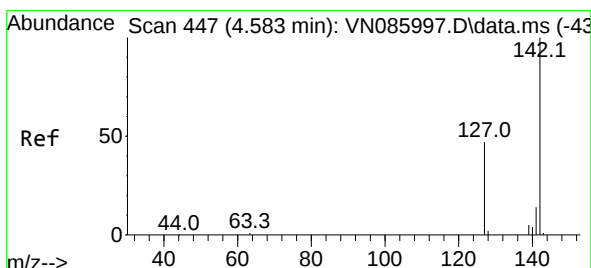
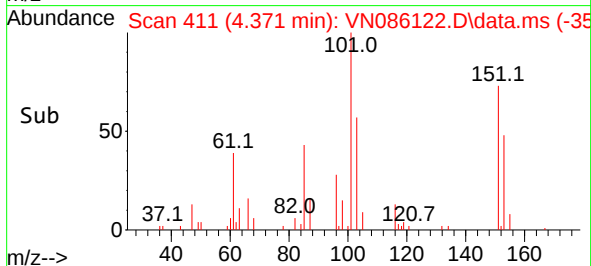
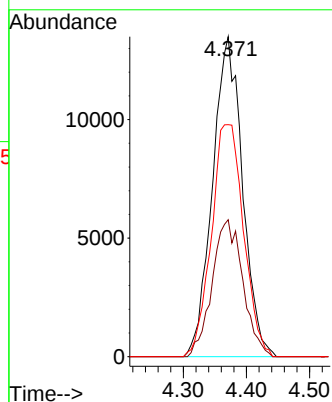
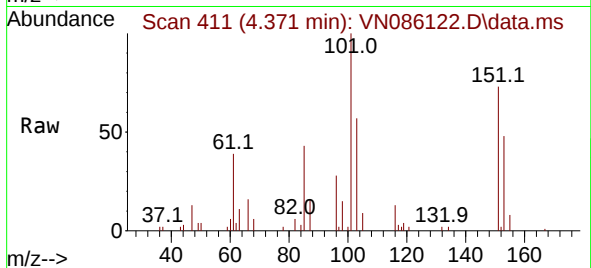
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.060 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion:101 Resp: 4440
Ion Ratio Lower Upper
101 100
85 43.9 36.5 54.7
151 77.9 63.4 95.0

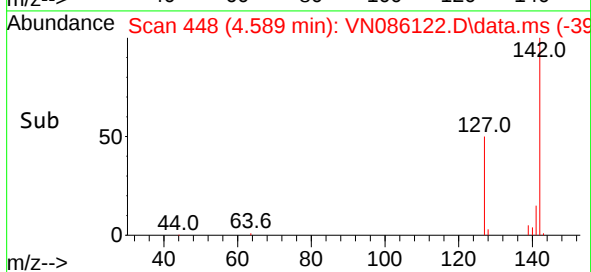
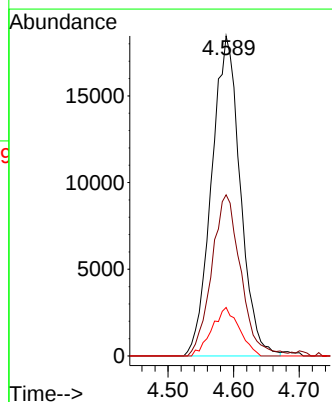
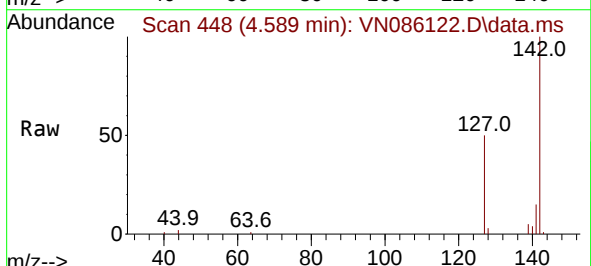
Manual Integrations
APPROVED

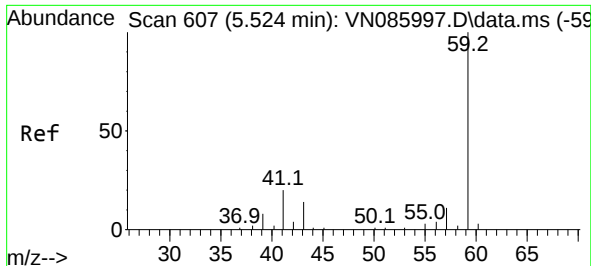
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#10
Methyl Iodide
Concen: 19.409 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

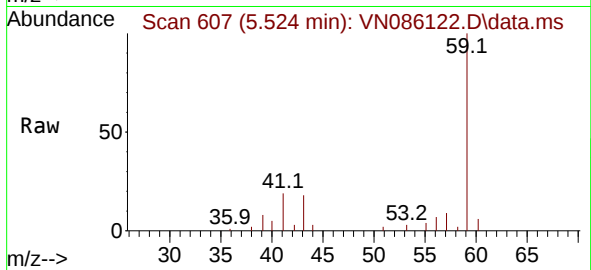
Tgt Ion:142 Resp: 55980
Ion Ratio Lower Upper
142 100
127 50.4 37.5 56.3
141 15.1 11.0 16.6





#11
Tert butyl alcohol
Concen: 95.090 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

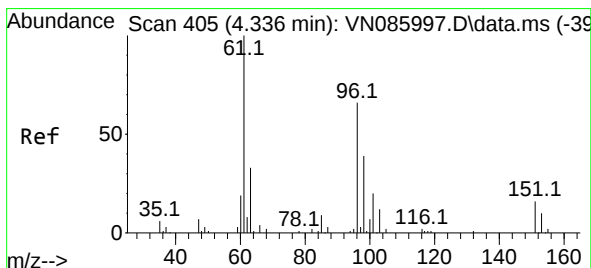
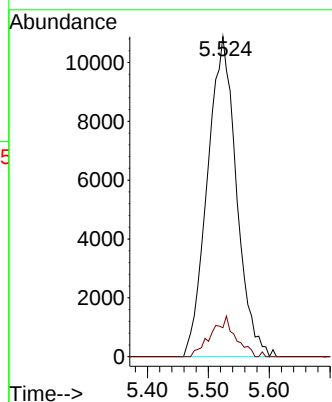
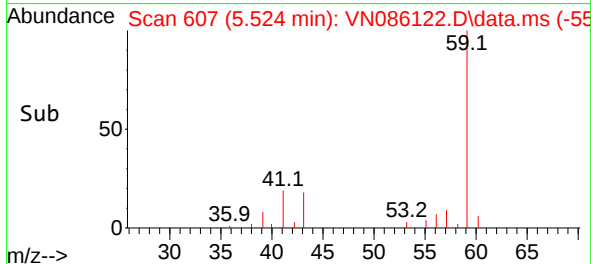
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



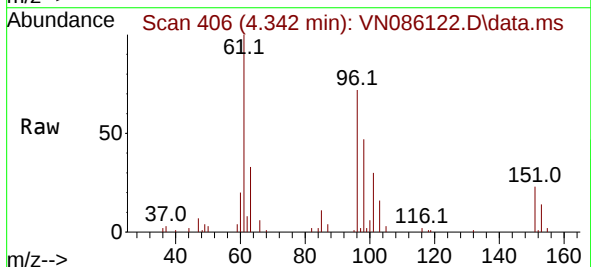
Tgt Ion: 59 Resp: 3596
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9

Manual Integrations
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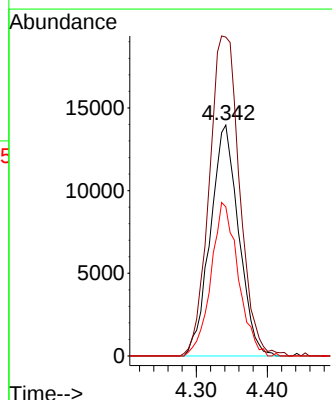
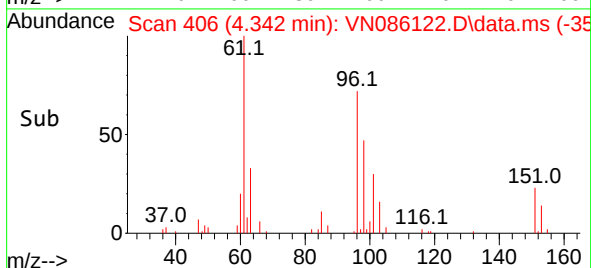
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

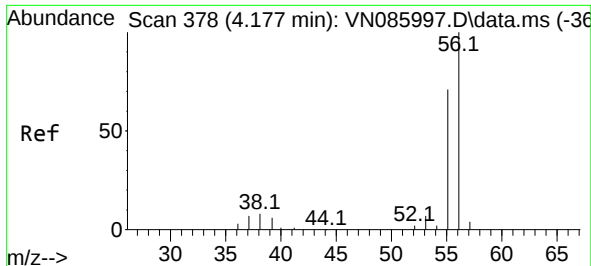


#12
1,1-Dichloroethene
Concen: 19.345 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35



Tgt Ion: 96 Resp: 38666
Ion Ratio Lower Upper
96 100
61 138.1 120.5 180.7
98 64.6 47.4 71.0





#13

Acrolein

Concen: 88.872 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN086122.D

Acq: 26 Mar 2025 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0326MBS01

Tgt Ion: 56 Resp: 3585

Ion Ratio Lower Upper

56 100

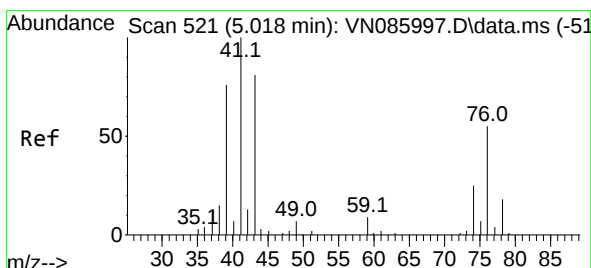
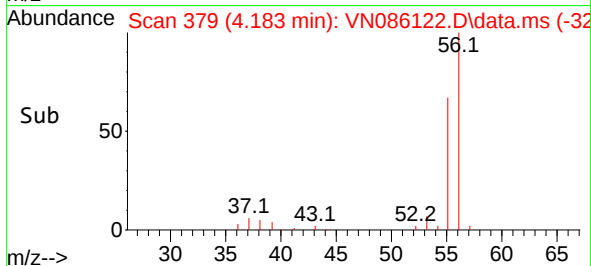
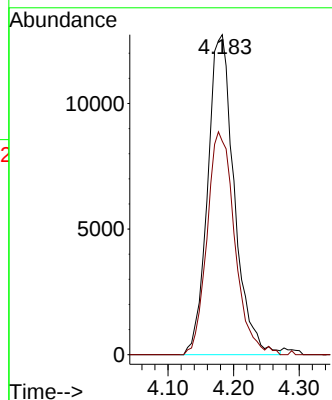
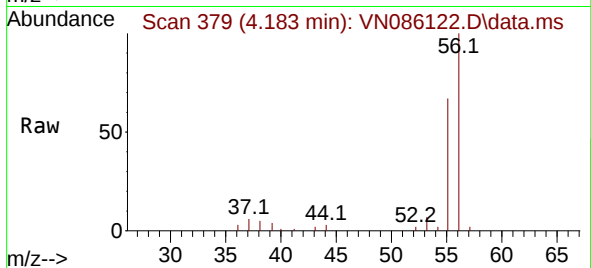
55 72.4 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#14

Allyl chloride

Concen: 18.691 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN086122.D

Acq: 26 Mar 2025 13:35

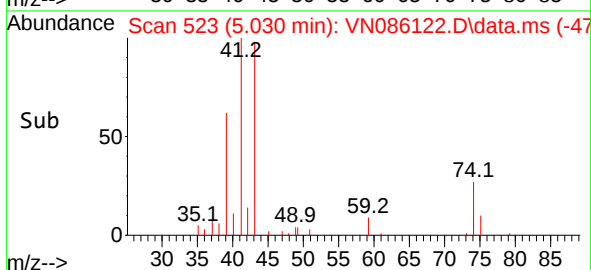
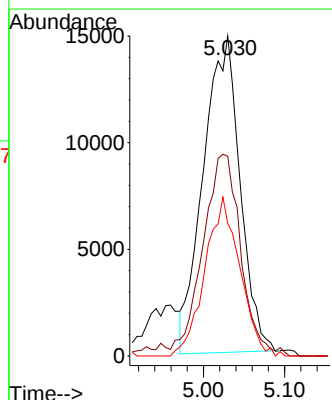
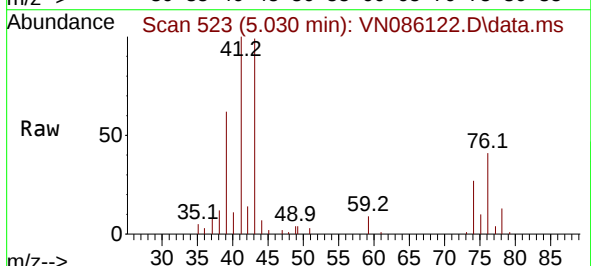
Tgt Ion: 41 Resp: 46607

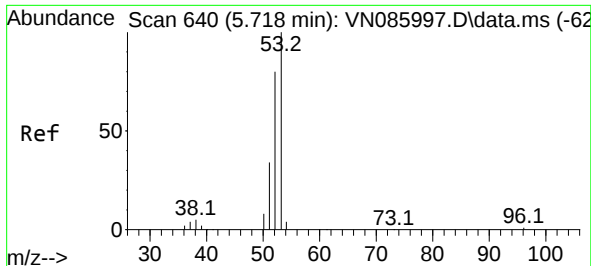
Ion Ratio Lower Upper

41 100

39 65.8 55.5 83.3

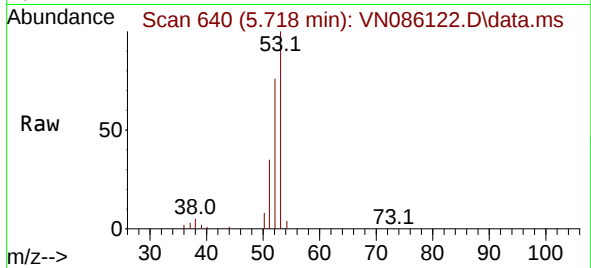
76 47.6 39.1 58.7





#15
Acrylonitrile
Concen: 111.970 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

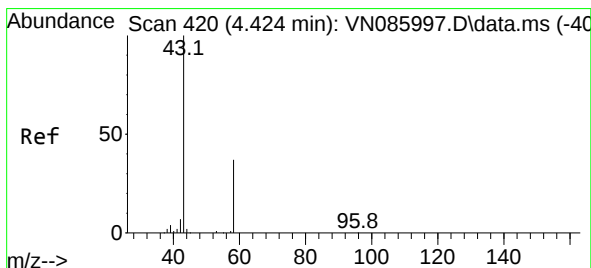
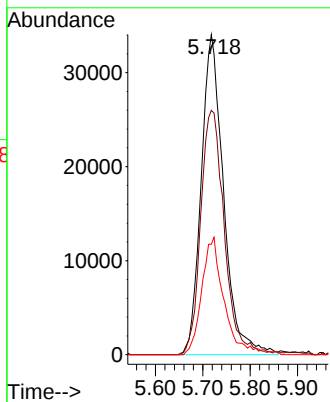
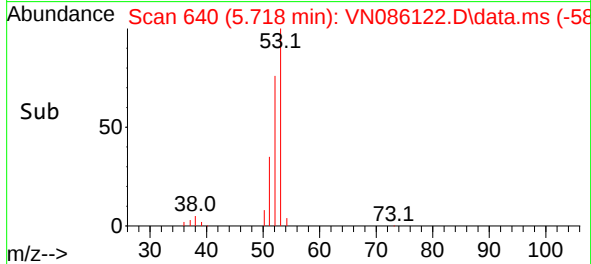
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



Tgt Ion: 53 Resp: 111850
Ion Ratio Lower Upper
53 100
52 80.3 63.9 95.9
51 36.2 27.1 40.7

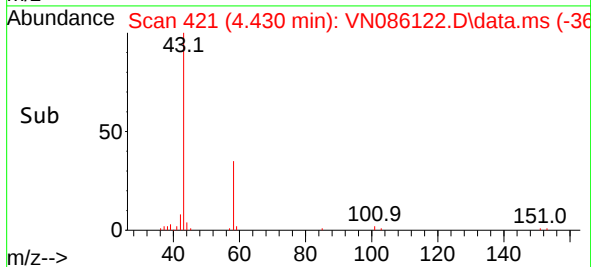
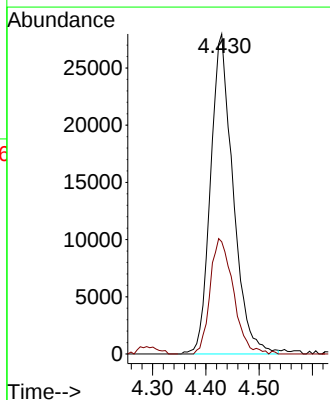
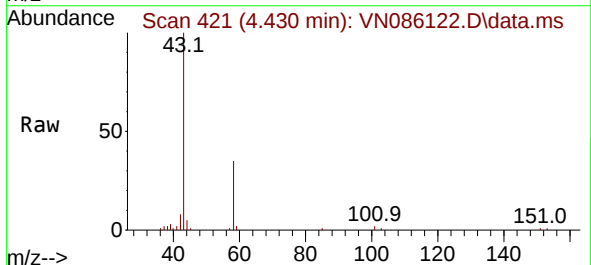
Manual Integrations
APPROVED

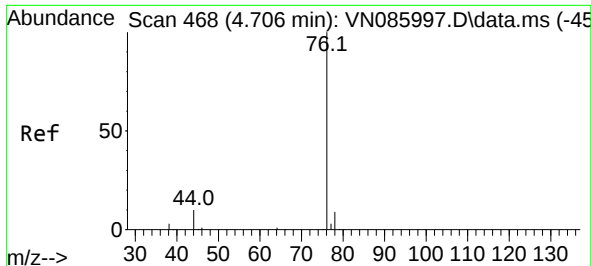
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#16
Acetone
Concen: 100.617 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Tgt Ion: 43 Resp: 82121
Ion Ratio Lower Upper
43 100
58 35.1 29.4 44.2





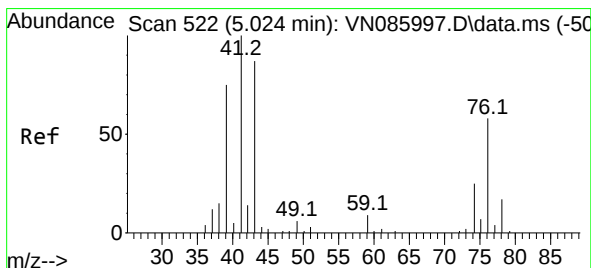
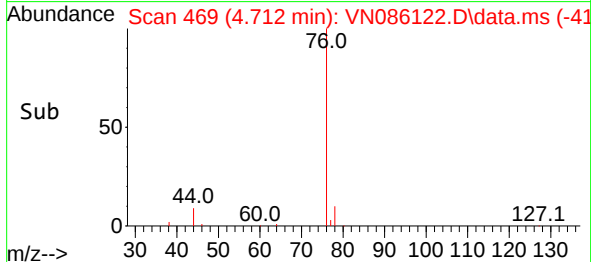
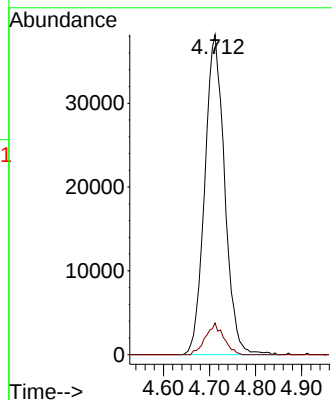
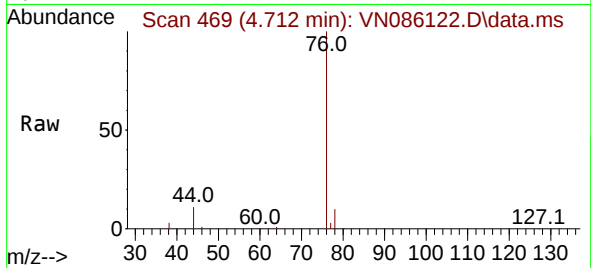
#17
Carbon Disulfide
Concen: 17.441 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion: 76 Resp: 11464
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2

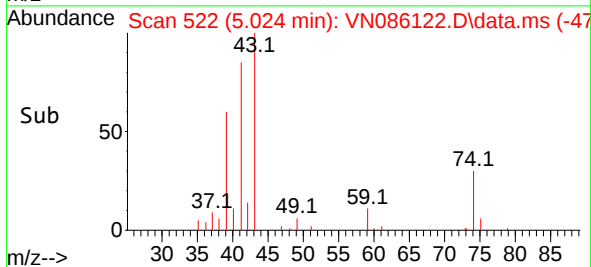
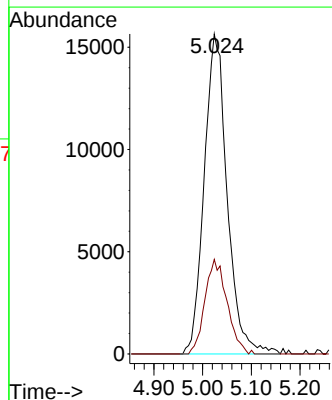
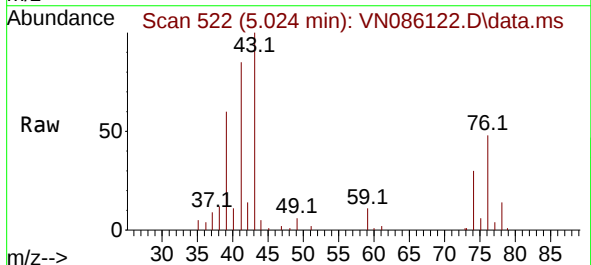
Manual Integrations
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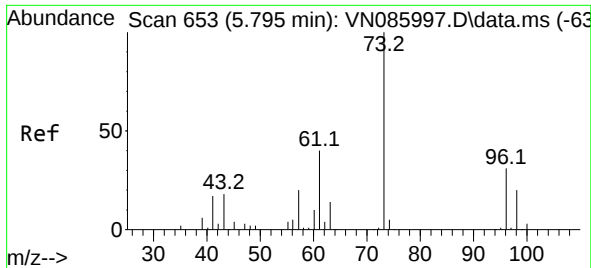
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#18
Methyl Acetate
Concen: 25.385 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Tgt Ion: 43 Resp: 51262
Ion Ratio Lower Upper
43 100
74 28.5 23.9 35.9





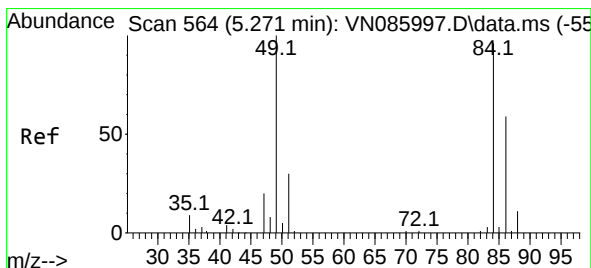
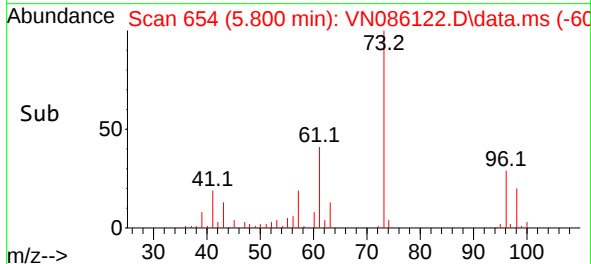
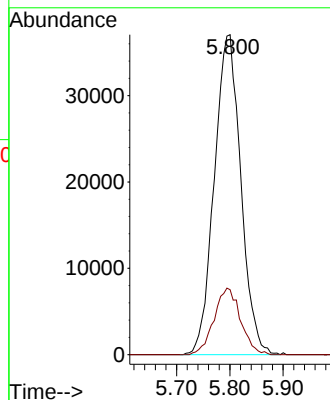
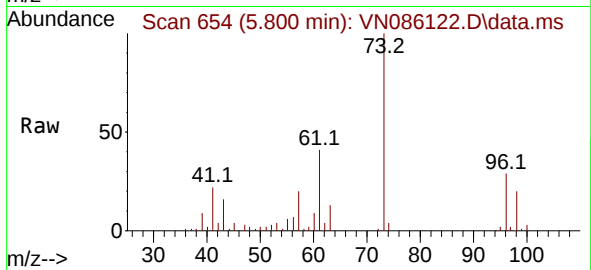
#19
Methyl tert-butyl Ether
Concen: 19.581 ug/l
RT: 5.800 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion: 73 Resp: 128250
Ion Ratio Lower Upper
73 100
57 20.3 16.1 24.1

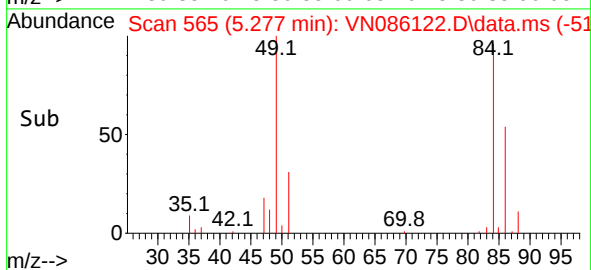
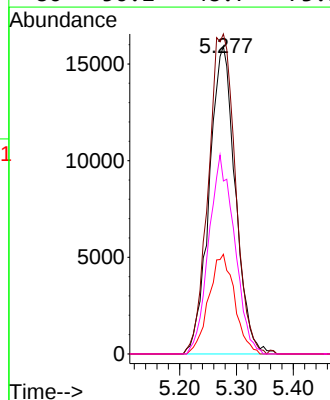
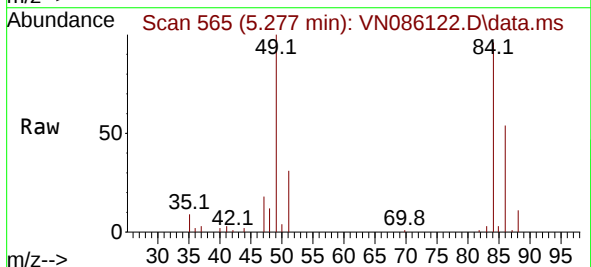
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#20
Methylene Chloride
Concen: 21.165 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

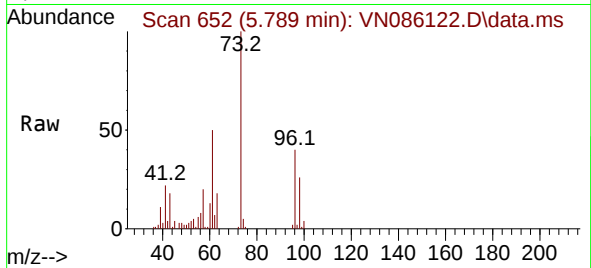
Tgt Ion: 84 Resp: 50536
Ion Ratio Lower Upper
84 100
49 104.0 83.3 124.9
51 32.4 24.8 37.2
86 56.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 19.510 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

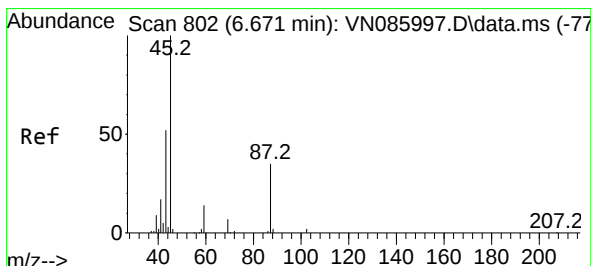
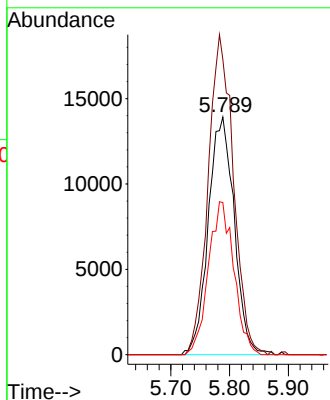
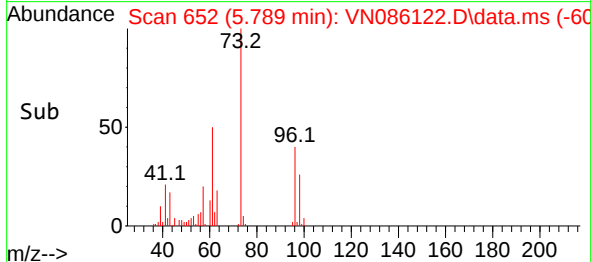
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



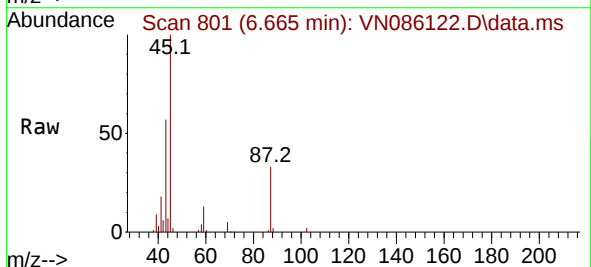
Tgt Ion: 96 Resp: 42610
Ion Ratio Lower Upper
96 100
61 124.3 106.6 160.0
98 64.1 50.0 75.0

Manual Integrations
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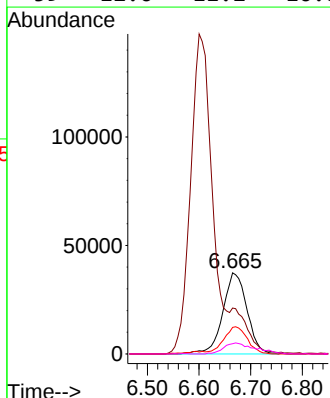
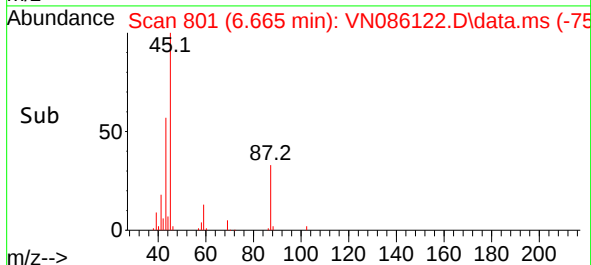
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

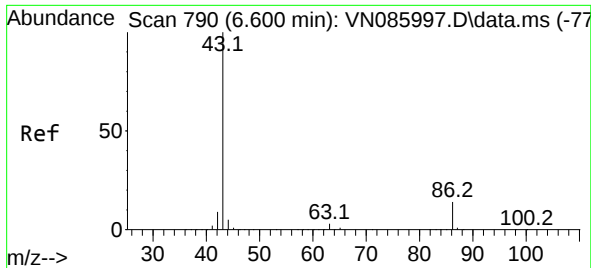


#22
Diisopropyl ether
Concen: 22.805 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35



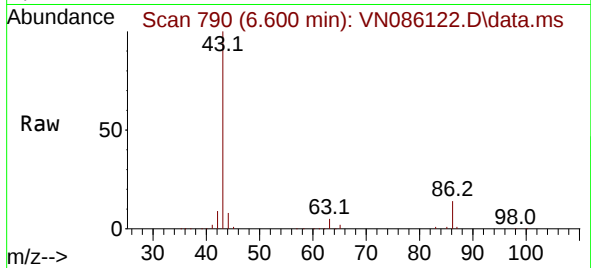
Tgt Ion: 45 Resp: 121181
Ion Ratio Lower Upper
45 100
43 54.9 41.2 61.8
87 32.7 28.5 42.7
59 12.6 11.2 16.8





#23
 Vinyl Acetate
 Concen: 106.544 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086122.D
 Acq: 26 Mar 2025 13:35

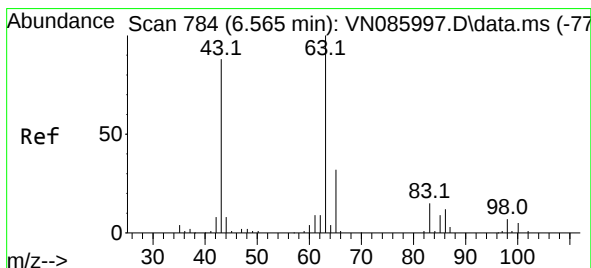
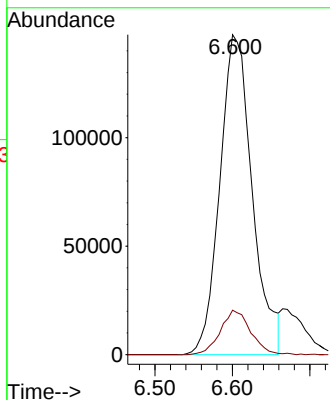
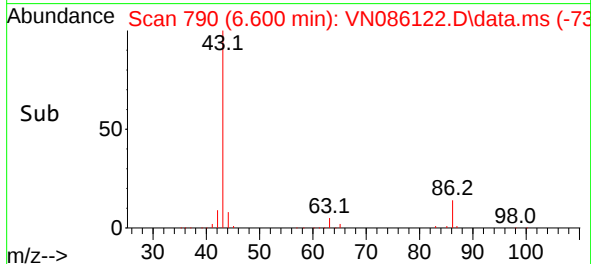
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326MBS01



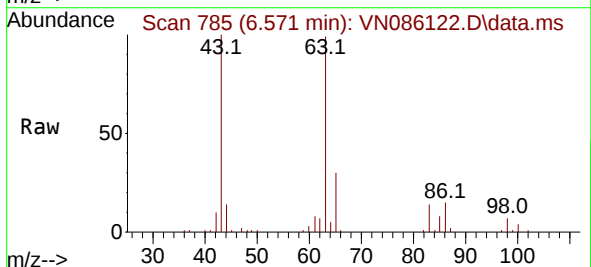
Tgt Ion: 43 Resp: 429174
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.2 16.8

Manual Integrations
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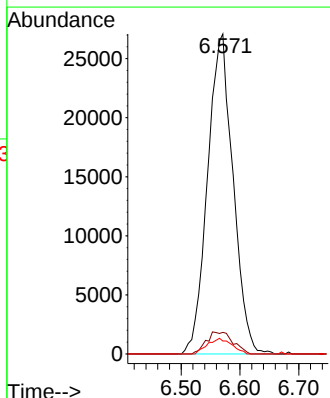
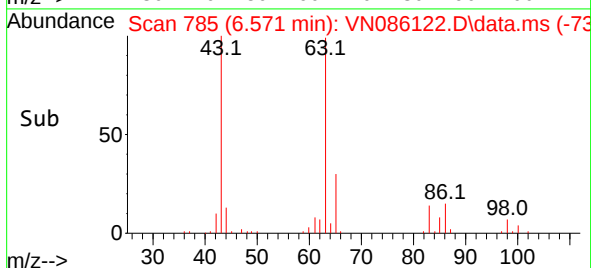
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

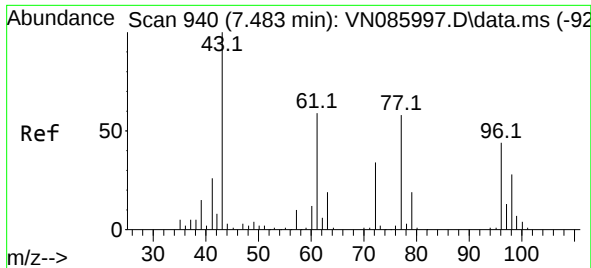


#24
 1,1-Dichloroethane
 Concen: 20.889 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086122.D
 Acq: 26 Mar 2025 13:35



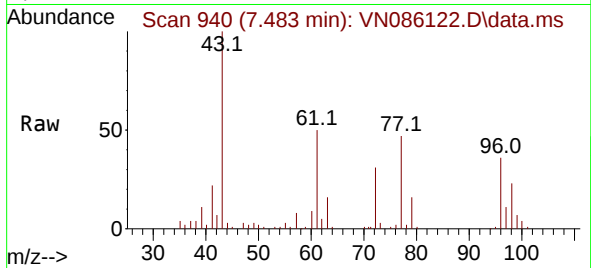
Tgt Ion: 63 Resp: 81622
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.0 2.5 7.5





#25
2-Butanone
Concen: 110.130 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

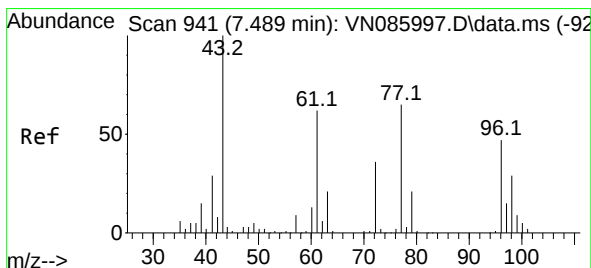
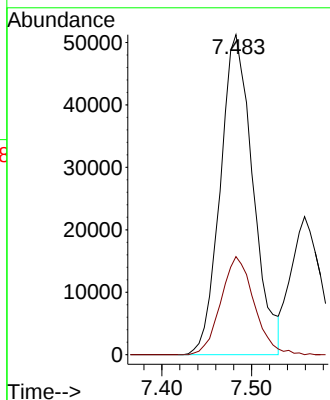
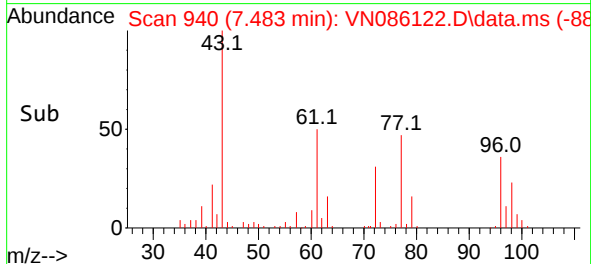
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



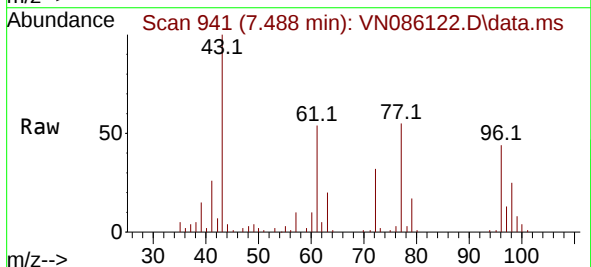
Tgt Ion: 43 Resp: 129699
Ion Ratio Lower Upper
43 100
72 30.6 27.4 41.0

Manual Integrations
APPROVED

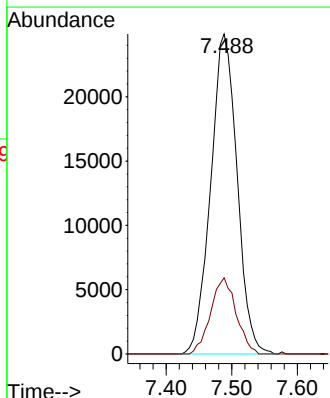
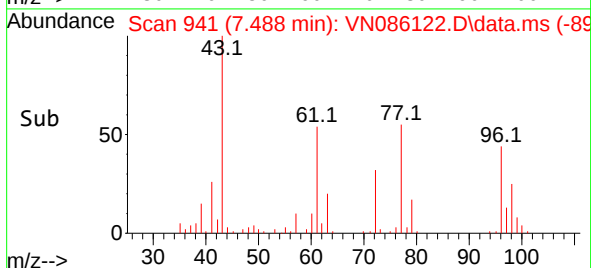
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#26
2,2-Dichloropropane
Concen: 18.491 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35



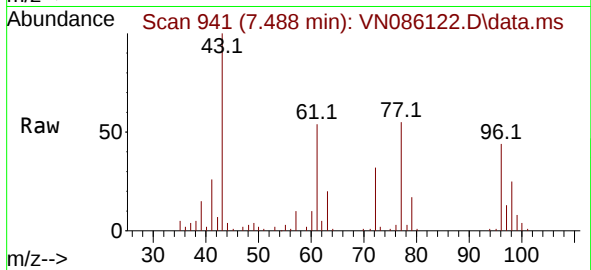
Tgt Ion: 77 Resp: 69562
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 20.044 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086122.D
 Acq: 26 Mar 2025 13:35

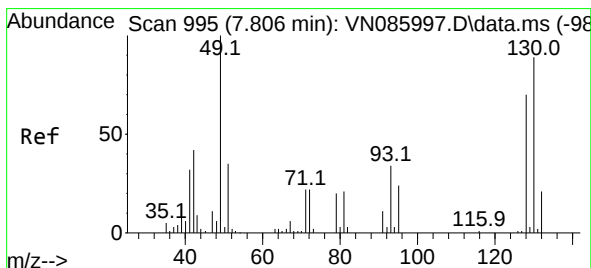
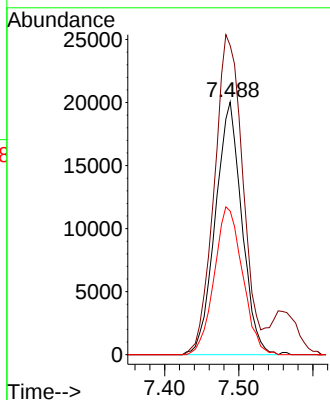
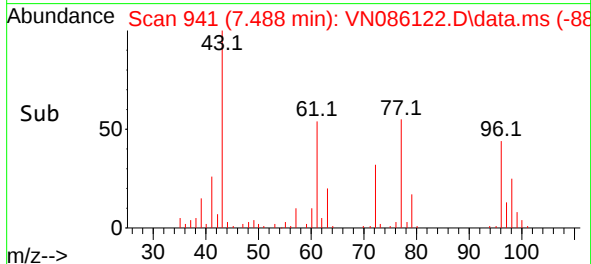
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326MBS01



Tgt Ion: 96 Resp: 49754
 Ion Ratio Lower Upper
 96 100
 61 137.1 0.0 272.8
 98 62.3 0.0 124.8

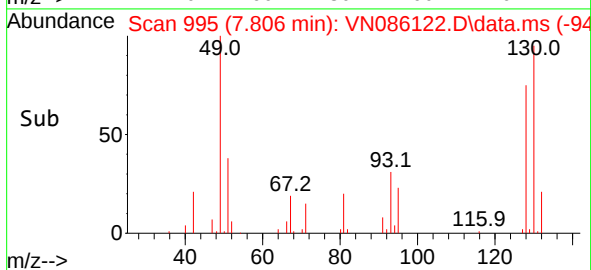
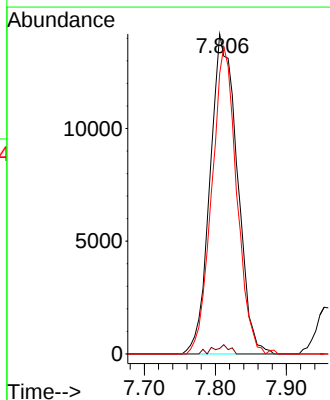
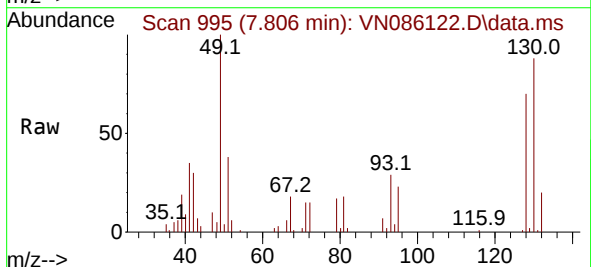
Manual Integrations
 APPROVED

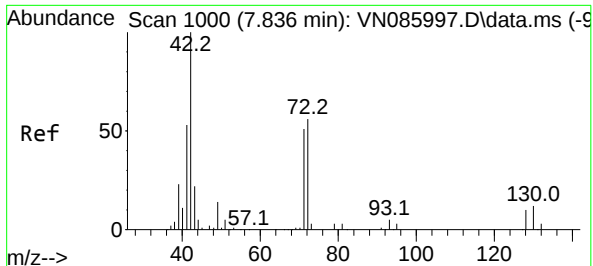
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#28
 Bromochloromethane
 Concen: 22.731 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN086122.D
 Acq: 26 Mar 2025 13:35

Tgt Ion: 49 Resp: 37632
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 87.5 74.2 111.4





#29

Tetrahydrofuran

Concen: 112.560 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086122.D

Acq: 26 Mar 2025 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0326MBS01

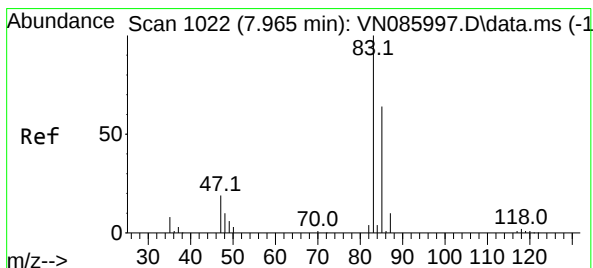
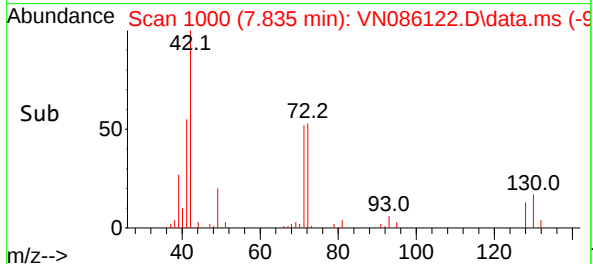
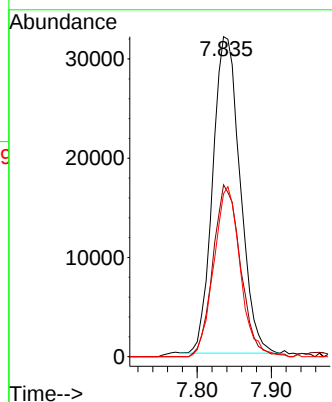
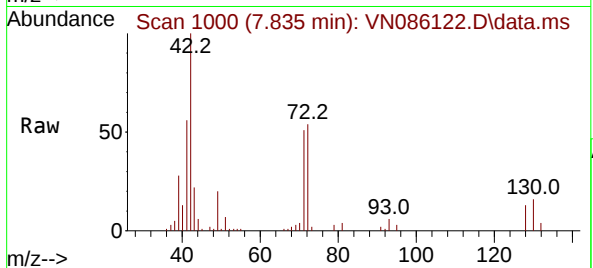
Tgt Ion:	42	Resp:	81839
Ion	Ratio	Lower	Upper
42	100		
72	54.6	45.0	67.4
71	51.9	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#30

Chloroform

Concen: 20.516 ug/l

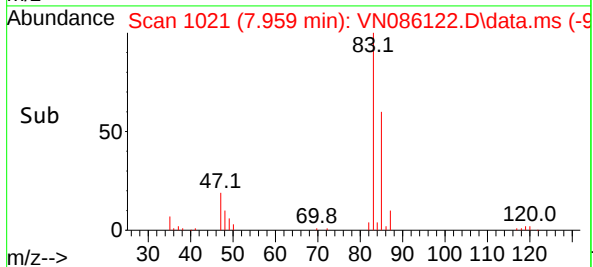
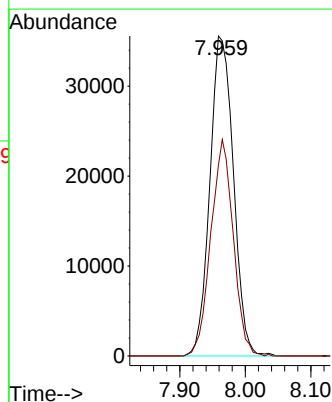
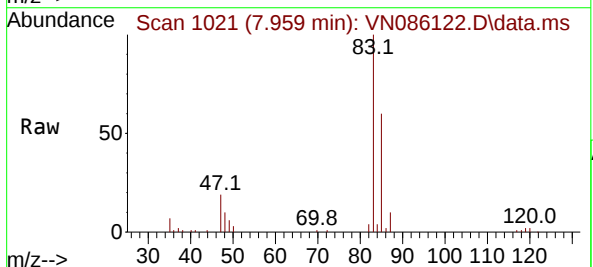
RT: 7.959 min Scan# 1021

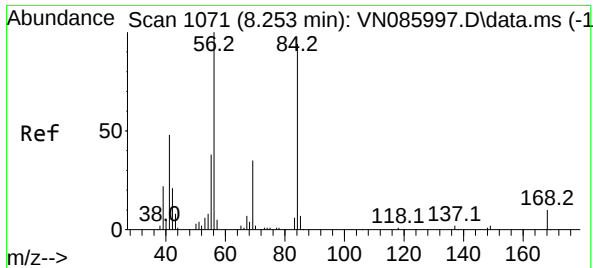
Delta R.T. -0.006 min

Lab File: VN086122.D

Acq: 26 Mar 2025 13:35

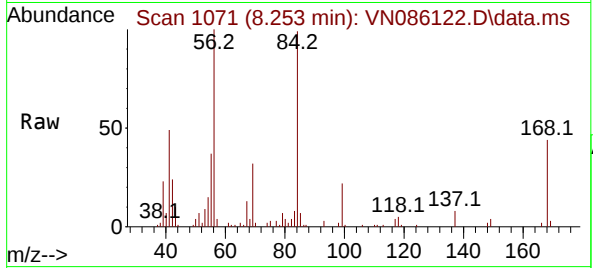
Tgt Ion:	83	Resp:	88607
Ion	Ratio	Lower	Upper
83	100		
85	59.6	51.5	77.3





#31
Cyclohexane
Concen: 19.134 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

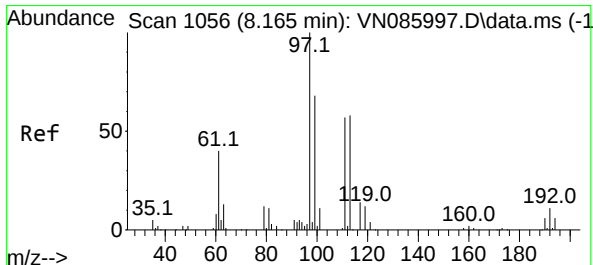
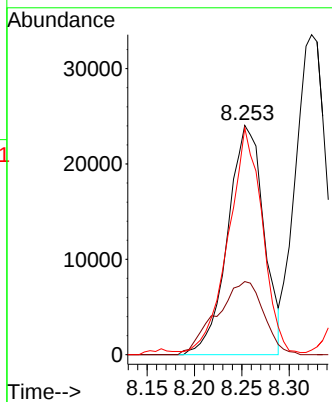
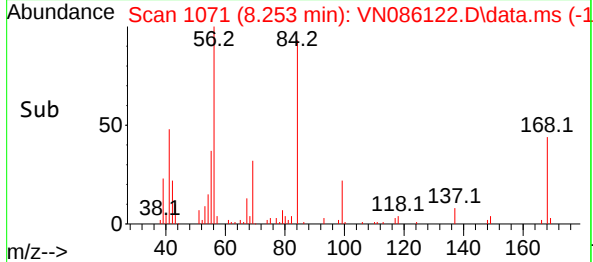
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



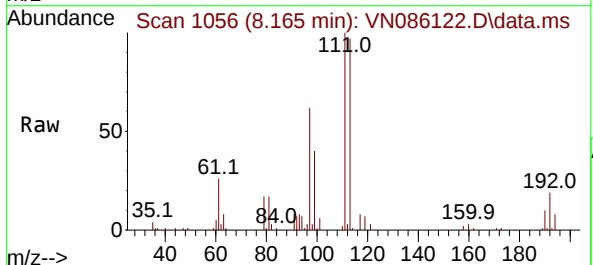
Tgt Ion: 56 Resp: 6369
Ion Ratio Lower Upper
56 100
69 31.9 28.0 42.0
84 97.5 75.0 112.6

Manual Integrations
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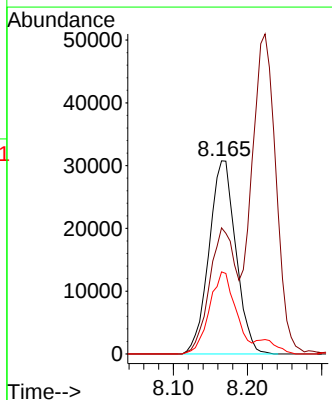
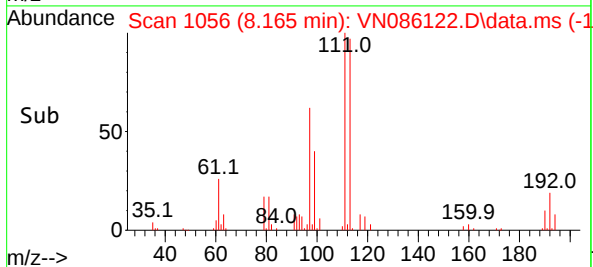
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#32
1,1,1-Trichloroethane
Concen: 18.908 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35



Tgt Ion: 97 Resp: 77303
Ion Ratio Lower Upper
97 100
99 63.0 52.8 79.2
61 41.8 33.6 50.4





#33
 1,2-Dichloroethane-d4
 Concen: 51.513 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086122.D
 Acq: 26 Mar 2025 13:35

Instrument :

MSVOA_N

ClientSampleId :

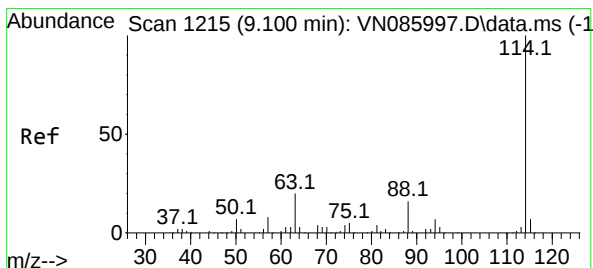
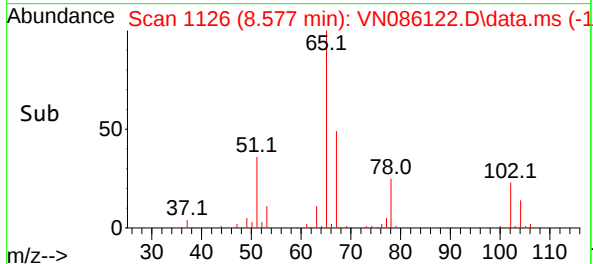
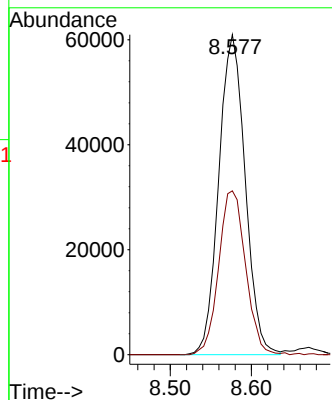
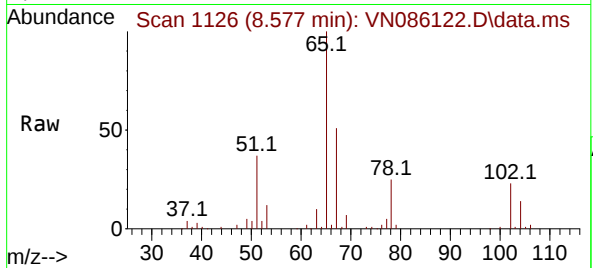
VN0326MBS01

Tgt Ion: 65 Resp: 137619
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.2

Manual Integrations

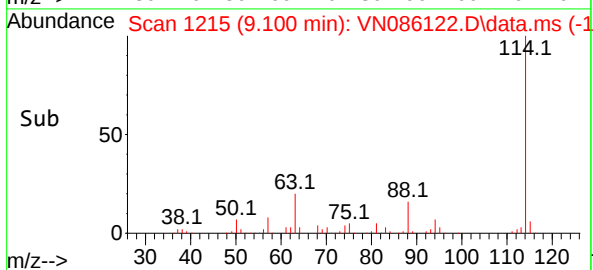
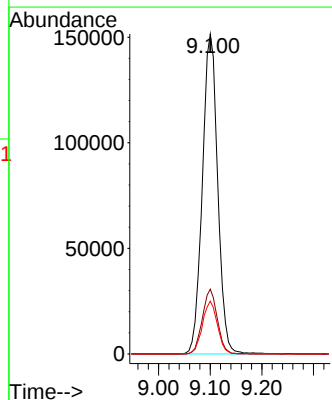
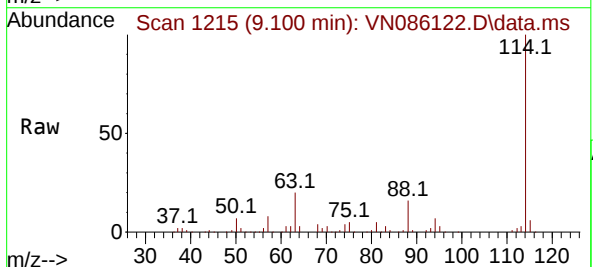
APPROVED

Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086122.D
 Acq: 26 Mar 2025 13:35

Tgt Ion:114 Resp: 312241
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.6
 88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.377 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086122.D

Acq: 26 Mar 2025 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0326MBS01

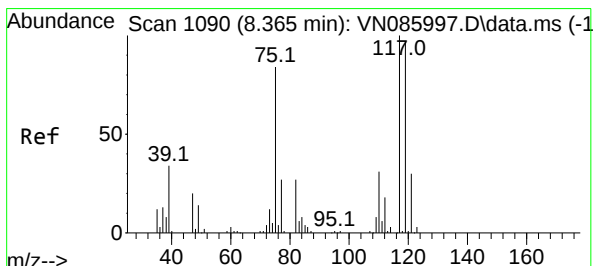
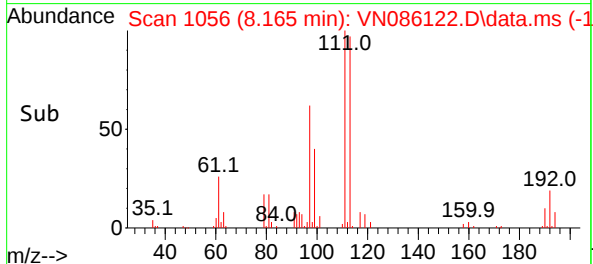
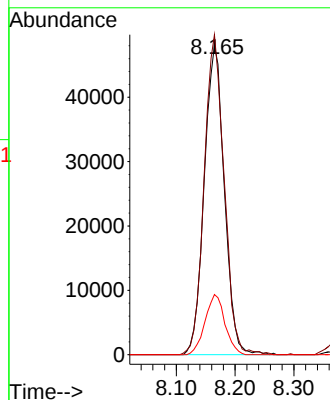
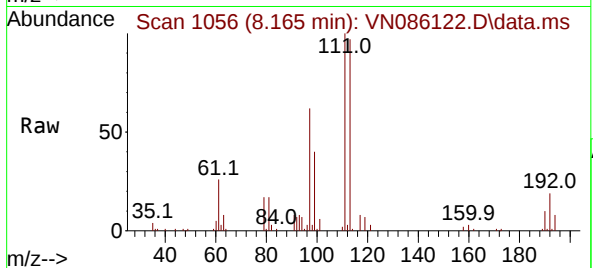
Tgt Ion:	113	Resp:	114150
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	19.2	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#36

1,1-Dichloropropene

Concen: 19.328 ug/l

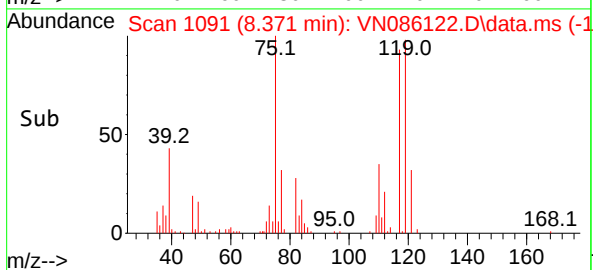
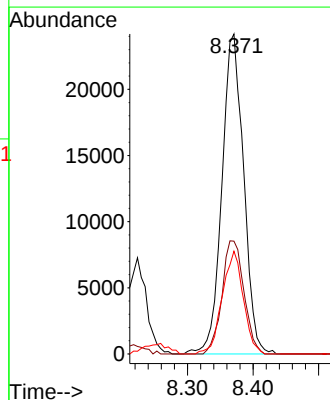
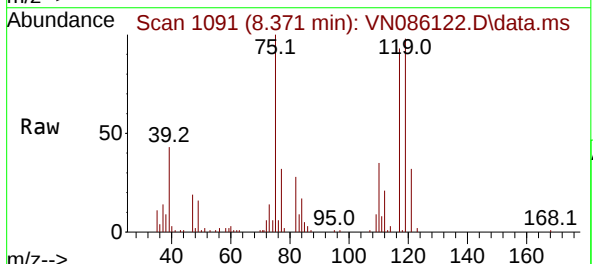
RT: 8.371 min Scan# 1091

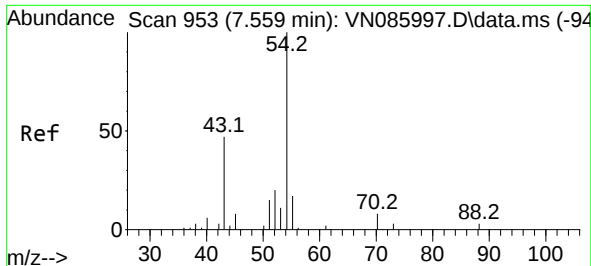
Delta R.T. 0.006 min

Lab File: VN086122.D

Acq: 26 Mar 2025 13:35

Tgt Ion:	75	Resp:	55465
Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.8	53.3
77	31.2	25.0	37.4





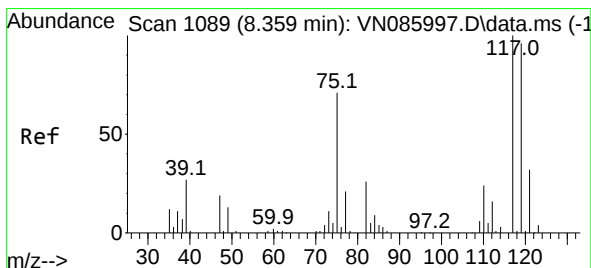
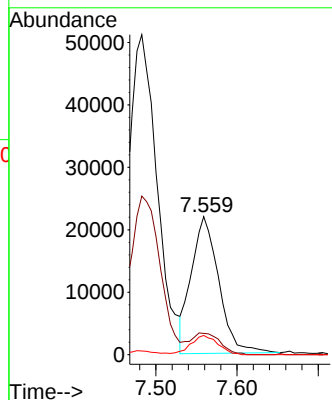
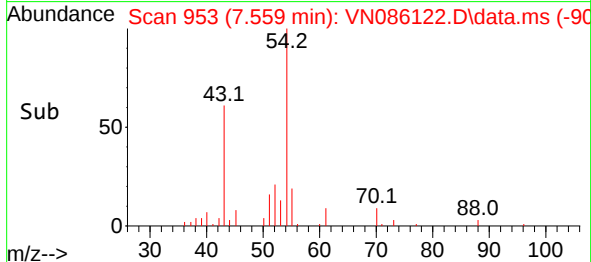
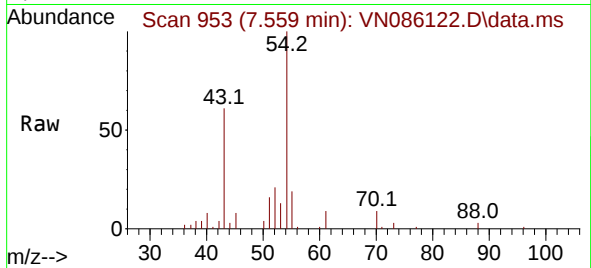
#37
Ethyl Acetate
Concen: 21.315 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion: 43 Resp: 5160
Ion Ratio Lower Upper
43 100
61 16.5 13.0 19.4
70 13.8 11.0 16.6

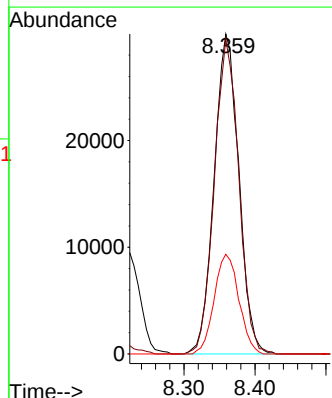
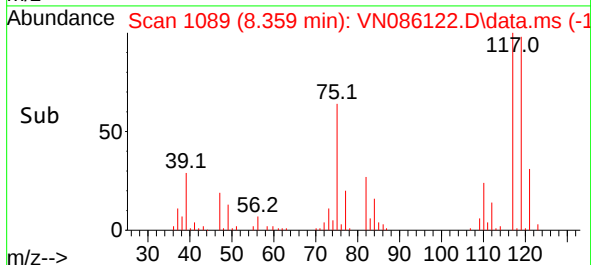
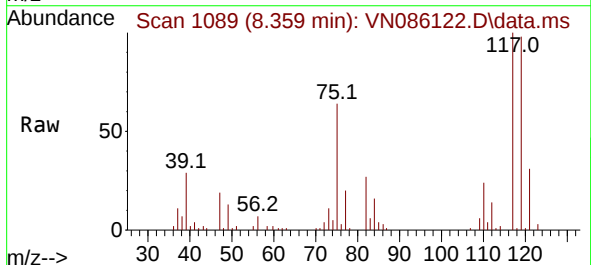
Manual Integrations
APPROVED

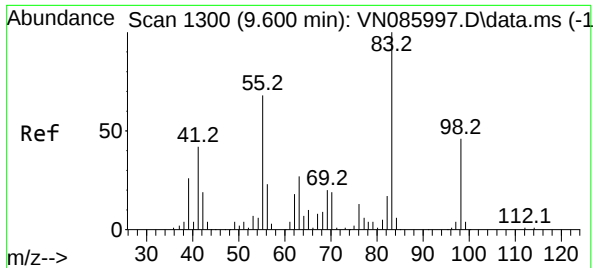
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#38
Carbon Tetrachloride
Concen: 19.184 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Tgt Ion:117 Resp: 72387
Ion Ratio Lower Upper
117 100
119 98.4 77.0 115.4
121 31.1 25.6 38.4





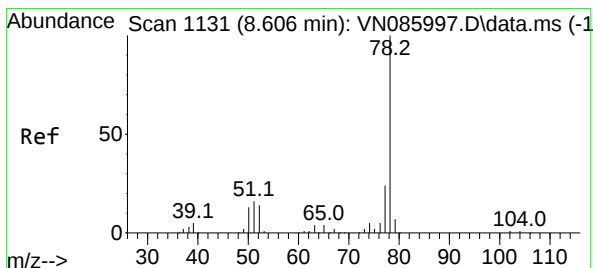
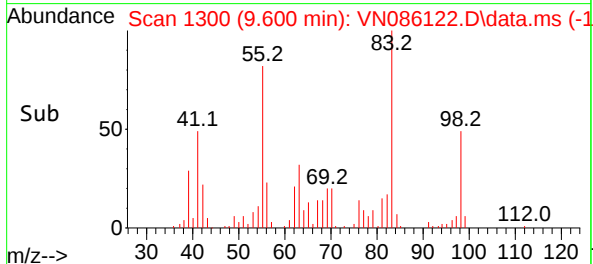
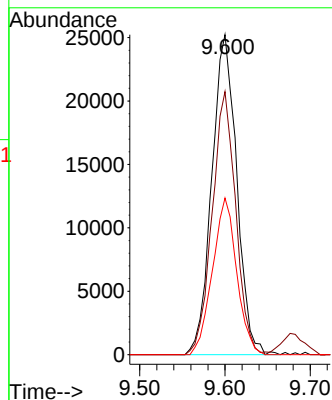
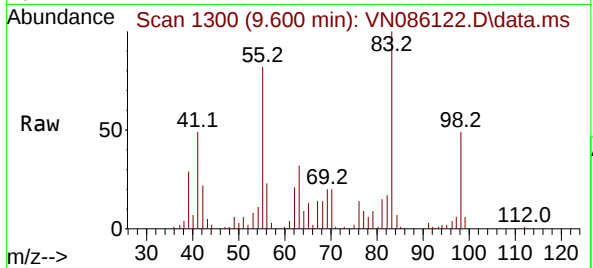
#39
Methylcyclohexane
Concen: 17.968 ug/l
RT: 9.600 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion: 83 Resp: 5115
Ion Ratio Lower Upper
83 100
55 82.2 54.2 81.2
98 48.9 37.1 55.7

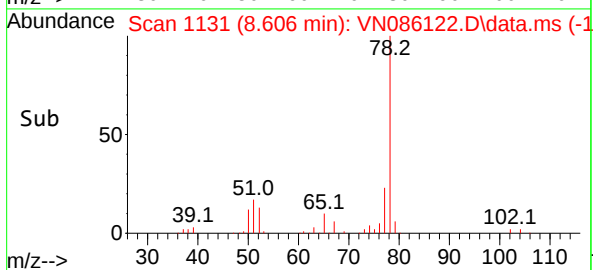
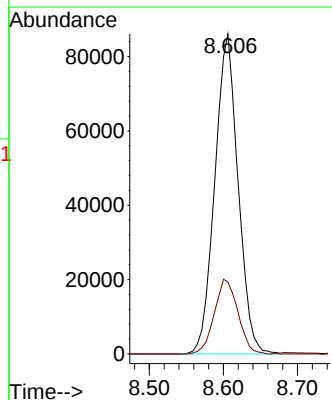
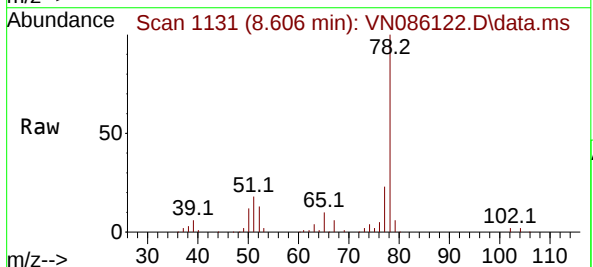
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#40
Benzene
Concen: 20.831 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Tgt Ion: 78 Resp: 187659
Ion Ratio Lower Upper
78 100
77 22.5 18.9 28.3





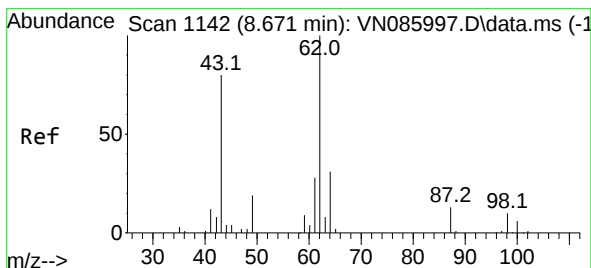
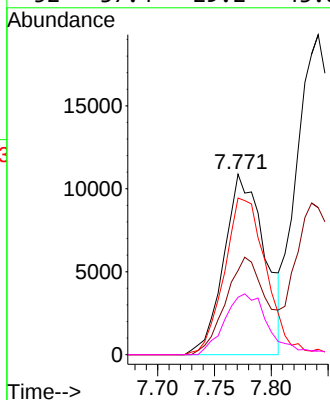
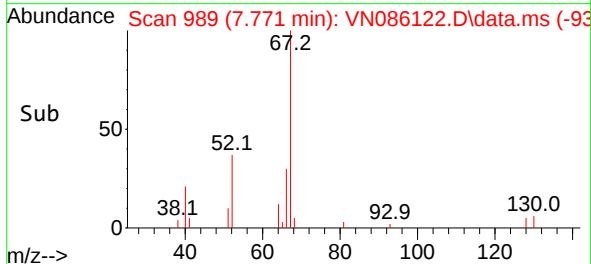
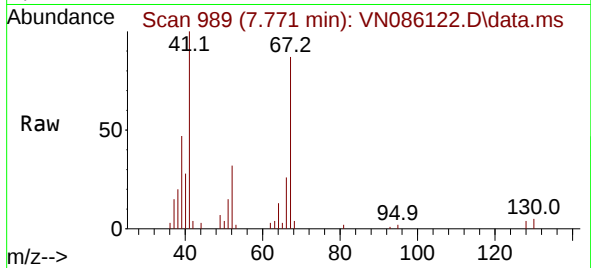
#41
Methacrylonitrile
Concen: 23.498 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion: 41 Resp: 2716
Ion Ratio Lower Upper
41 100
39 53.7 46.2 69.2
67 89.6 75.9 113.9
52 37.4 29.2 43.8

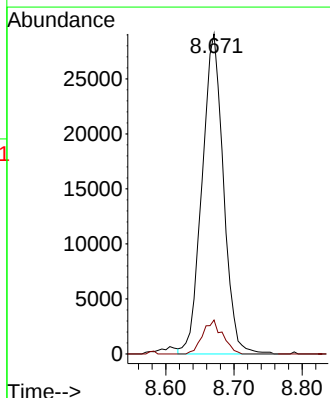
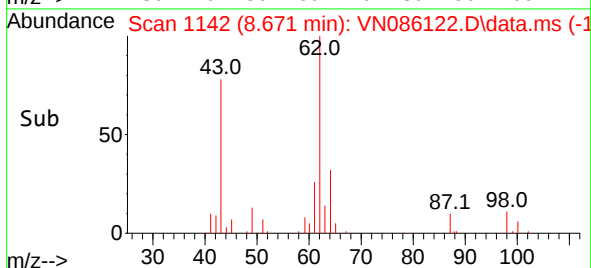
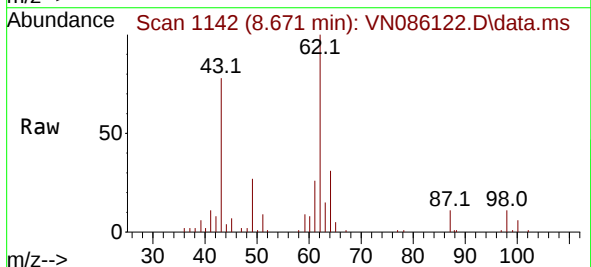
Manual Integrations
APPROVED

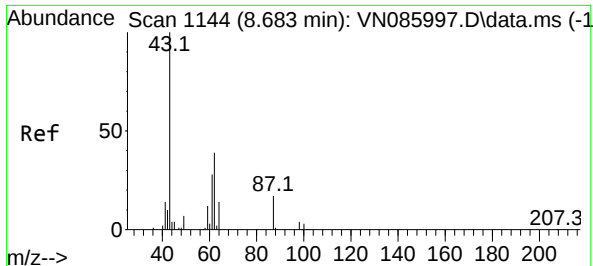
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#42
1,2-Dichloroethane
Concen: 20.221 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

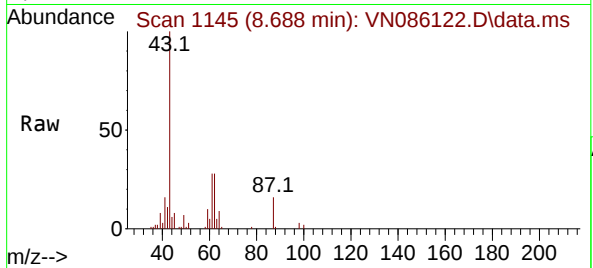
Tgt Ion: 62 Resp: 63476
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.6





#43
Isopropyl Acetate
Concen: 17.850 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

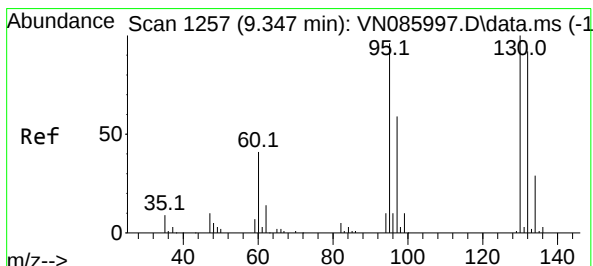
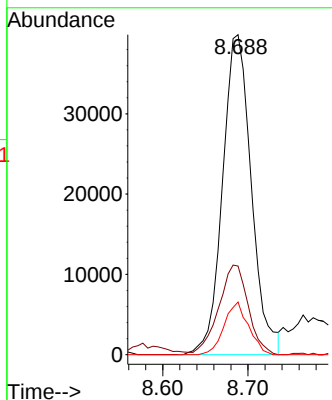
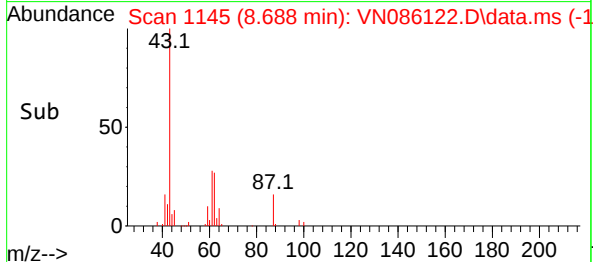
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



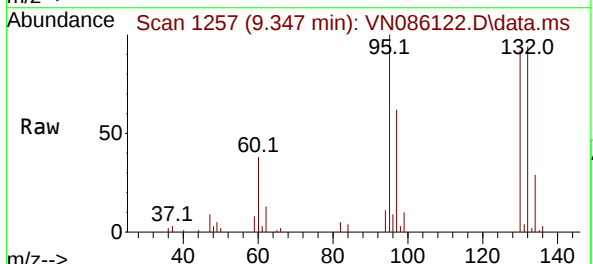
Tgt Ion: 43 Resp: 93640
Ion Ratio Lower Upper
43 100
61 28.7 25.0 37.6
87 13.9 13.0 19.4

Manual Integrations
APPROVED

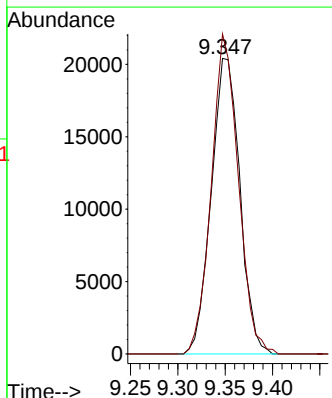
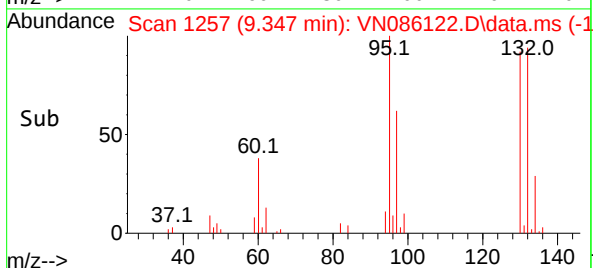
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

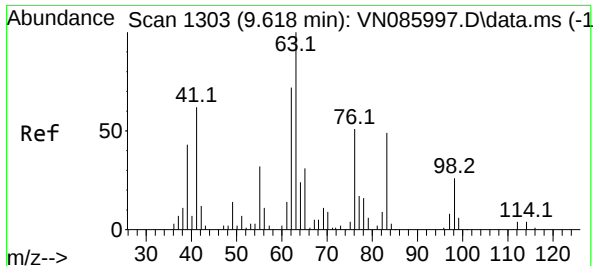


#44
Trichloroethene
Concen: 18.378 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35



Tgt Ion:130 Resp: 42909
Ion Ratio Lower Upper
130 100
95 108.3 0.0 191.6





#45

1,2-Dichloropropane

Concen: 22.532 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086122.D

Acq: 26 Mar 2025 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0326MBS01

Tgt Ion: 63 Resp: 46169

Ion Ratio Lower Upper

63 100

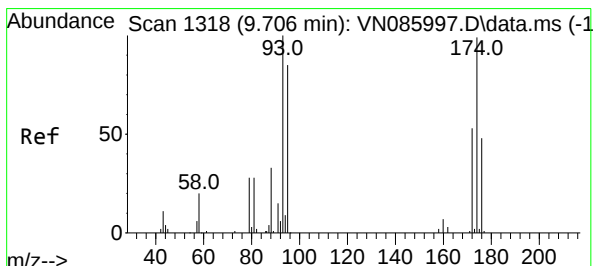
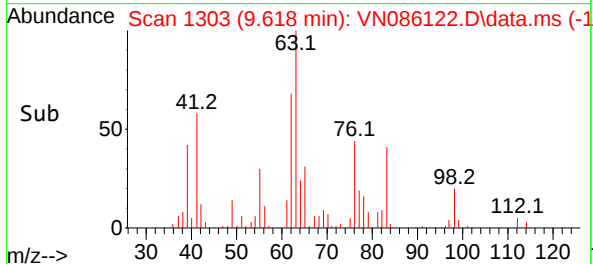
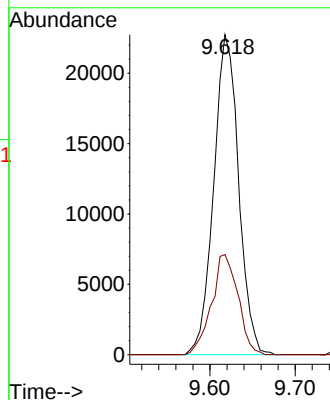
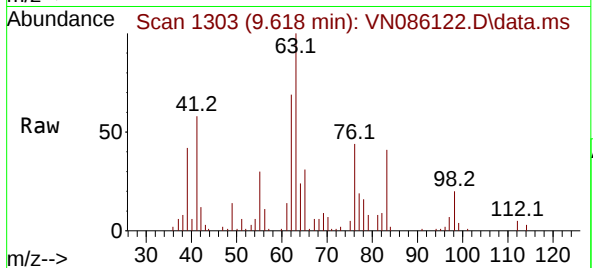
65 31.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#46

Dibromomethane

Concen: 21.888 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086122.D

Acq: 26 Mar 2025 13:35

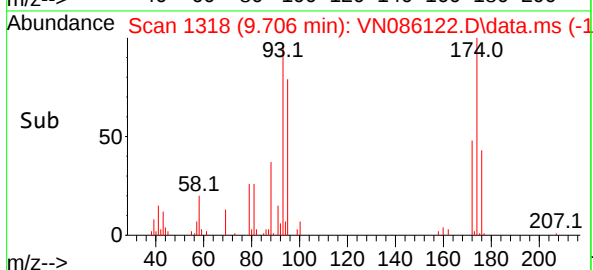
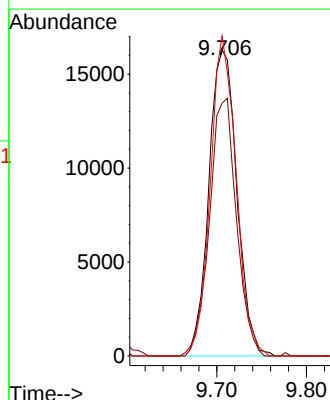
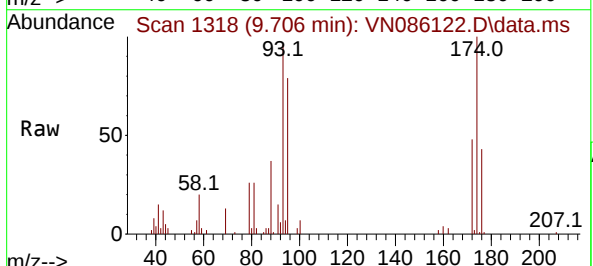
Tgt Ion: 93 Resp: 35270

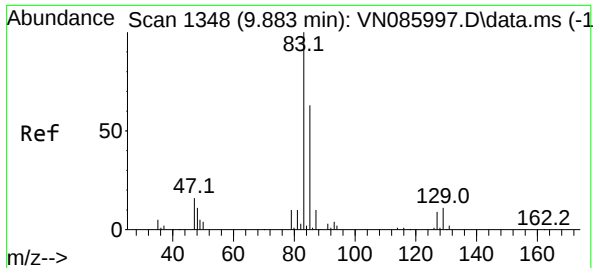
Ion Ratio Lower Upper

93 100

95 81.3 66.2 99.2

174 96.2 80.1 120.1





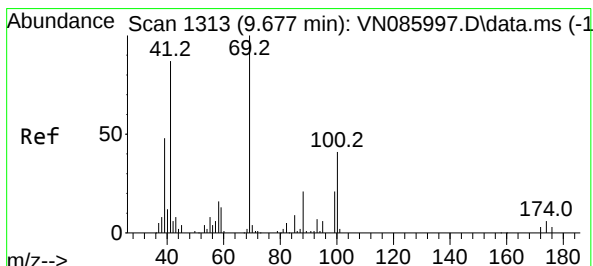
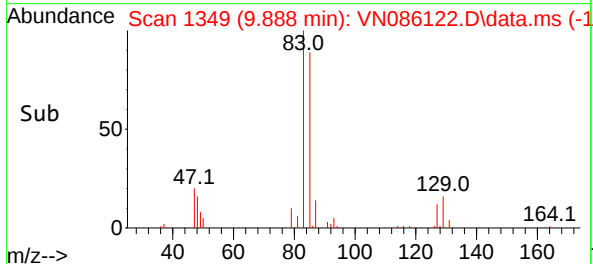
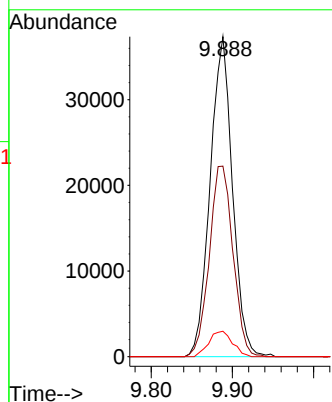
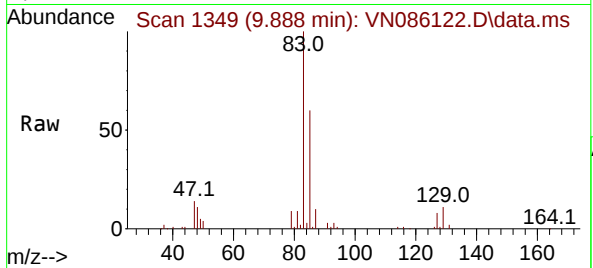
#47
Bromodichloromethane
Concen: 21.192 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion: 83 Resp: 7137
Ion Ratio Lower Upper
83 100
85 59.5 50.2 75.2
127 8.0 7.1 10.7

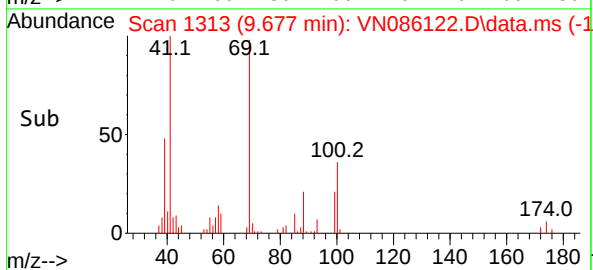
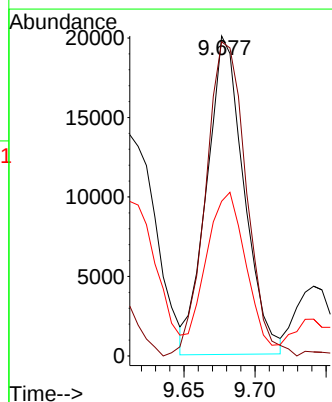
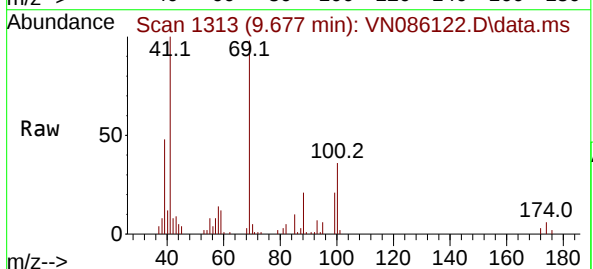
Manual Integrations
APPROVED

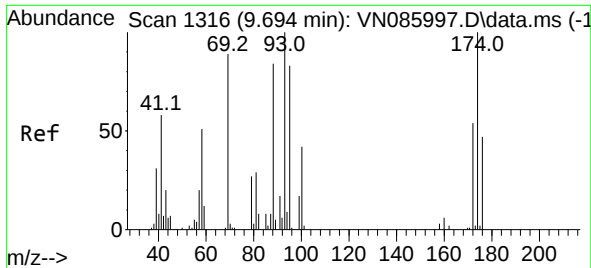
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#48
Methyl methacrylate
Concen: 21.072 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

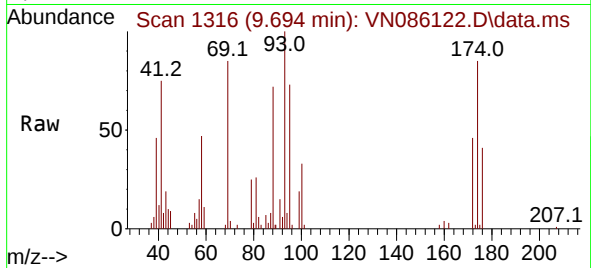
Tgt Ion: 41 Resp: 36480
Ion Ratio Lower Upper
41 100
69 106.8 83.1 124.7
39 56.0 45.6 68.4





#49
1,4-Dioxane
Concen: 467.735 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

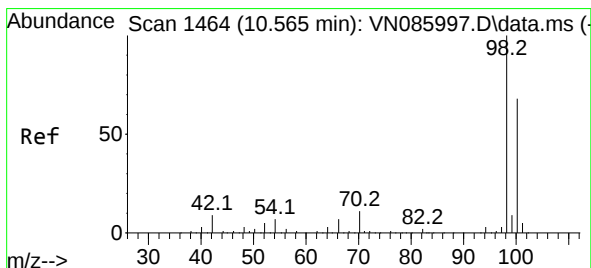
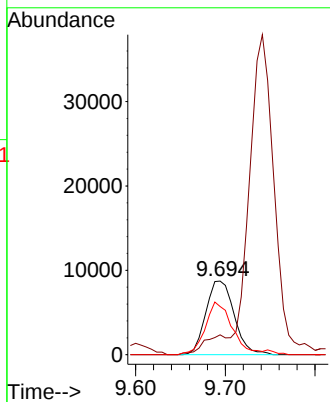
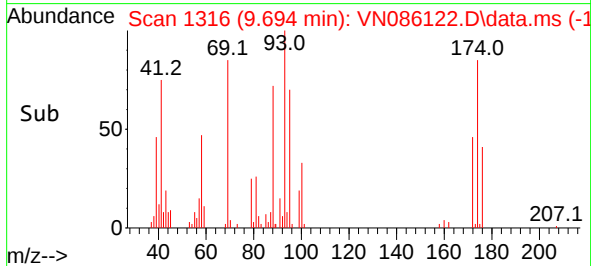
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



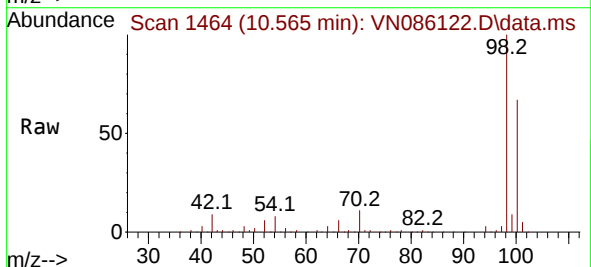
Tgt Ion: 88 Resp: 1914
Ion Ratio Lower Upper
88 100
43 21.1 21.7 32.5
58 70.4 50.4 75.6

Manual Integrations
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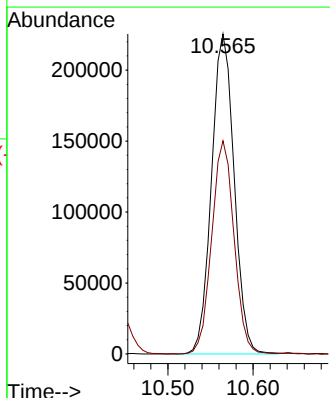
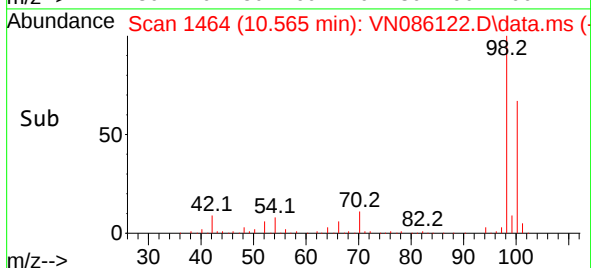
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

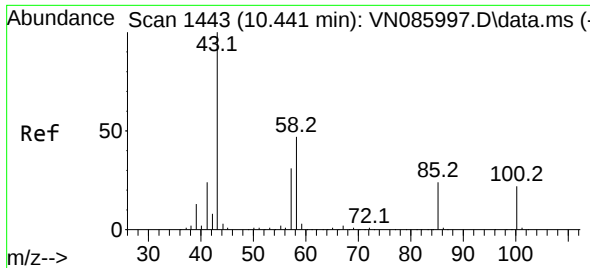


#50
Toluene-d8
Concen: 52.608 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35



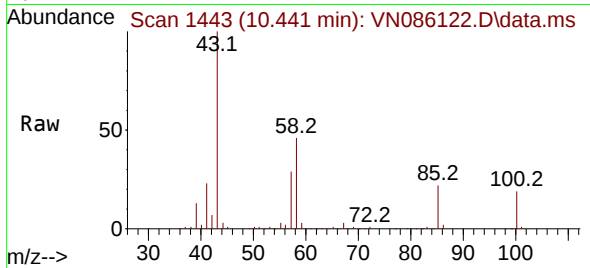
Tgt Ion: 98 Resp: 416117
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 118.618 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

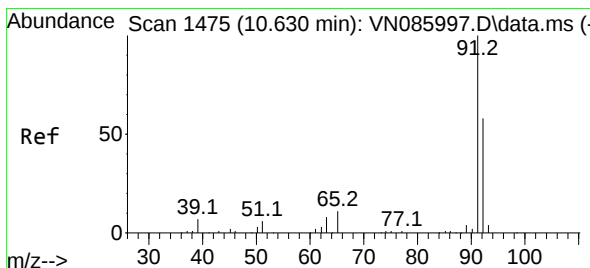
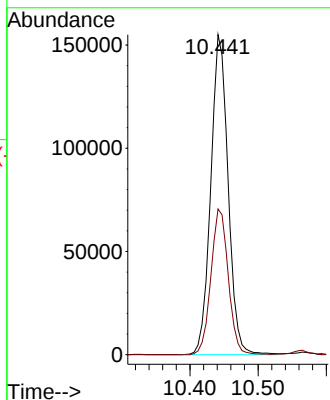
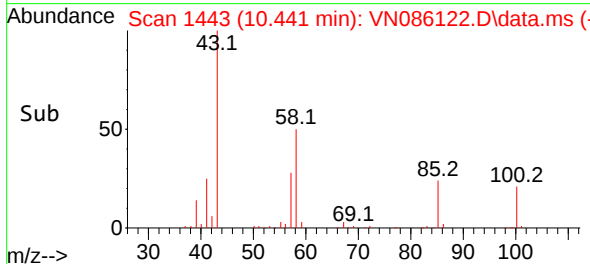
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



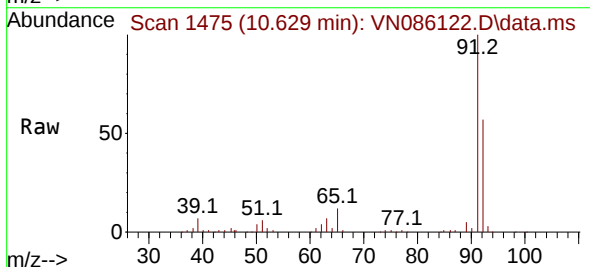
Tgt Ion: 43 Resp: 274448
Ion Ratio Lower Upper
43 100
58 45.6 37.4 56.0

Manual Integrations
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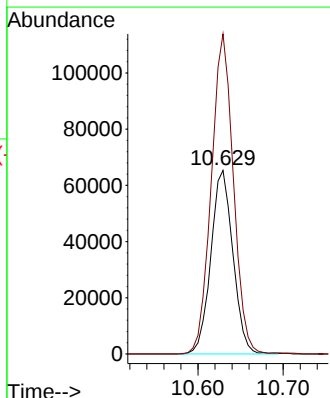
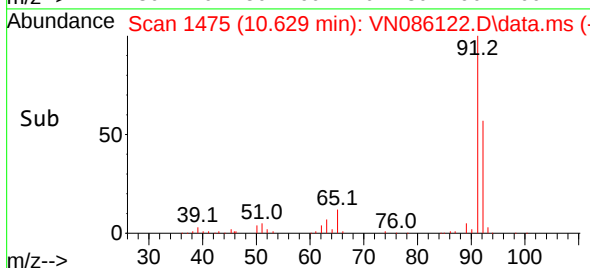
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

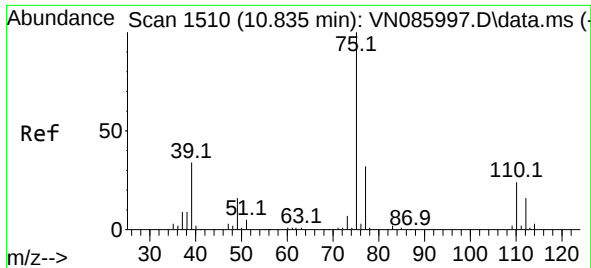


#52
Toluene
Concen: 21.236 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35



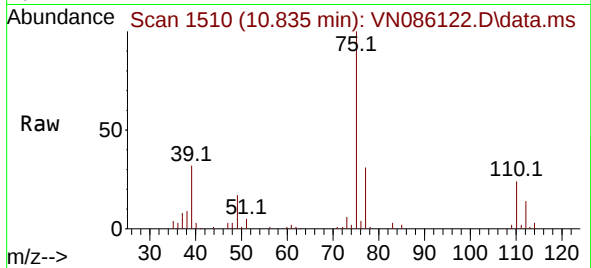
Tgt Ion: 92 Resp: 117414
Ion Ratio Lower Upper
92 100
91 174.9 136.2 204.4





#53
 t-1,3-Dichloropropene
 Concen: 20.431 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN086122.D
 Acq: 26 Mar 2025 13:35

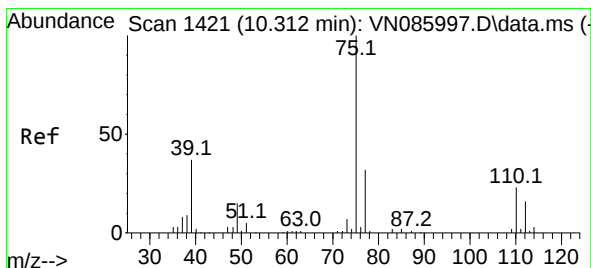
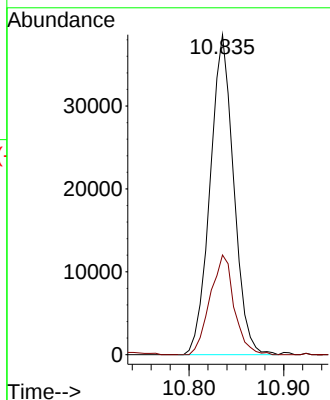
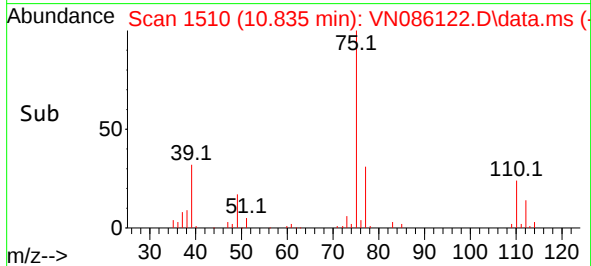
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326MBS01



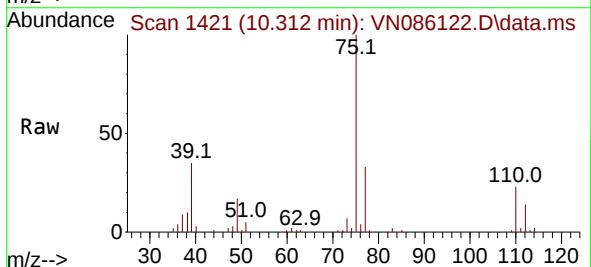
Tgt Ion: 75 Resp: 66824
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9

Manual Integrations
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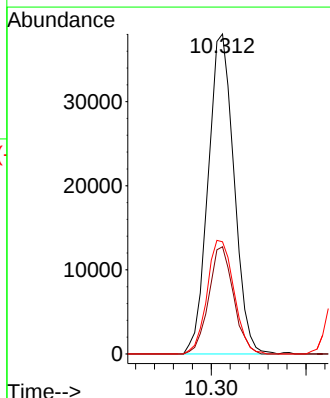
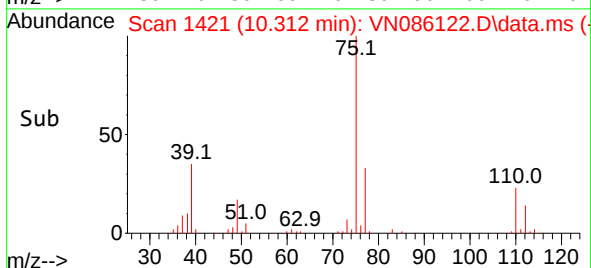
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

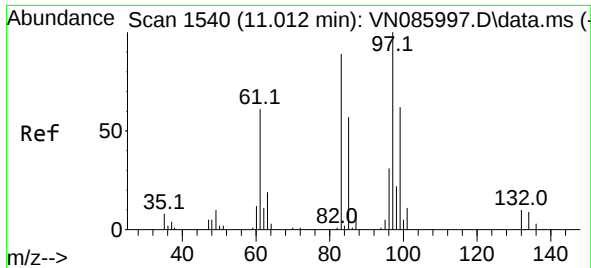


#54
 cis-1,3-Dichloropropene
 Concen: 20.920 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086122.D
 Acq: 26 Mar 2025 13:35



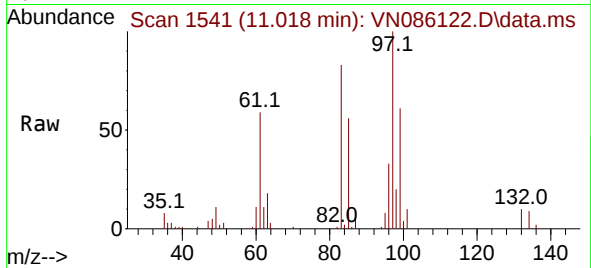
Tgt Ion: 75 Resp: 72190
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.3 37.9
 39 35.1 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 22.308 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

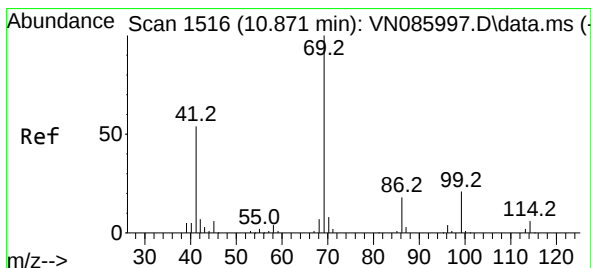
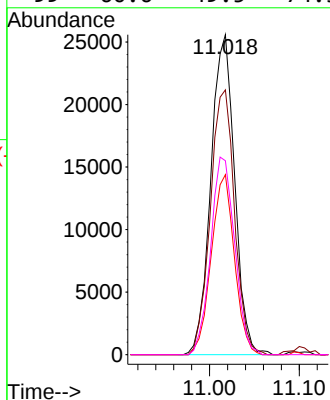
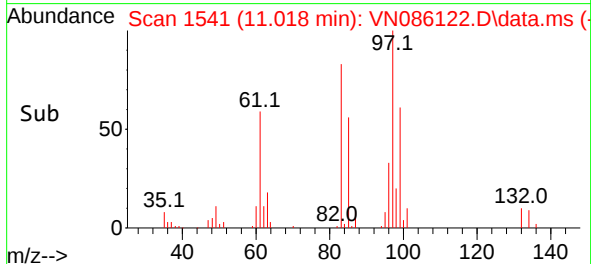
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



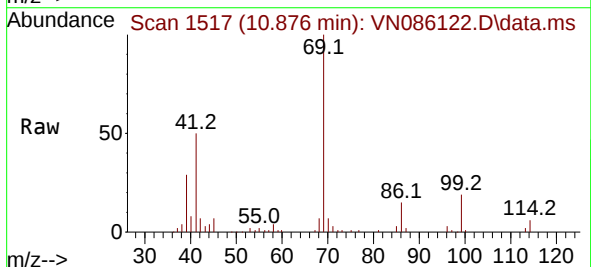
Tgt Ion: 97 Resp: 4707
Ion Ratio Lower Upper
97 100
83 82.7 71.2 106.8
85 56.3 45.4 68.0
99 60.6 49.5 74.3

Manual Integrations
APPROVED

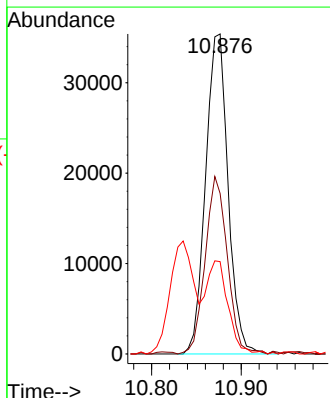
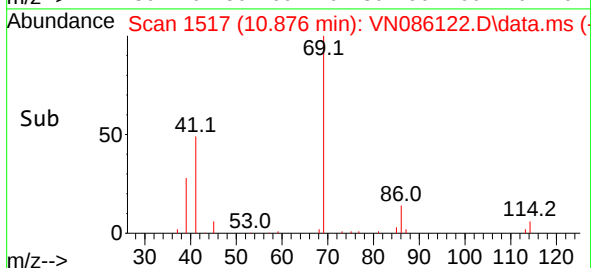
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

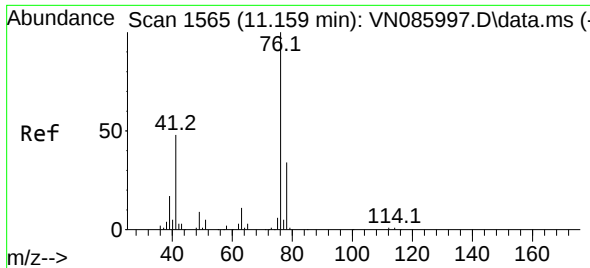


#56
Ethyl methacrylate
Concen: 21.225 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.005 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35



Tgt Ion: 69 Resp: 61594
Ion Ratio Lower Upper
69 100
41 54.7 41.6 62.4
39 28.9 21.8 32.8





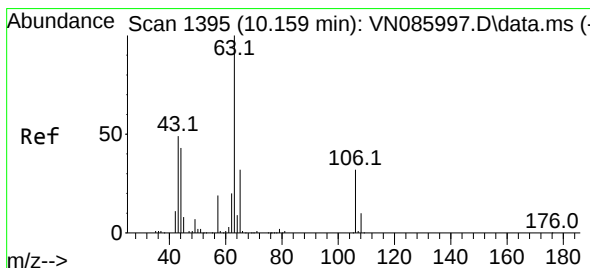
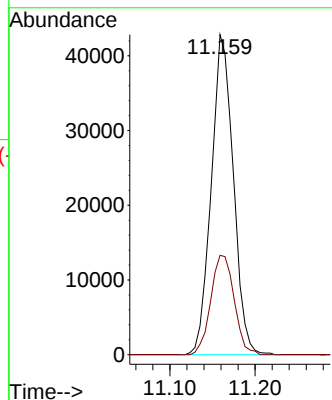
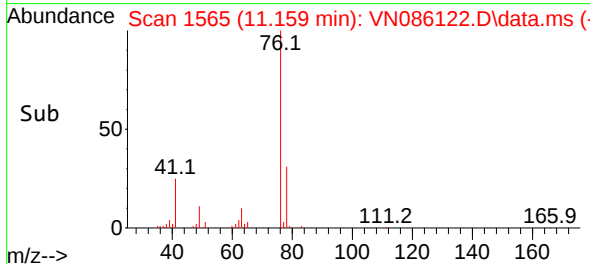
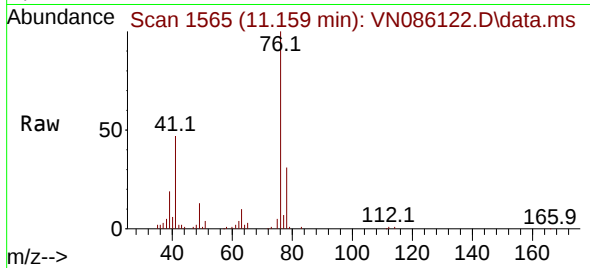
#57
1,3-Dichloropropane
Concen: 21.496 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion: 76 Resp: 77049
Ion Ratio Lower Upper
76 100
78 32.9 25.8 38.6

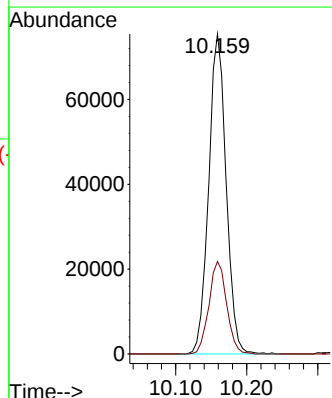
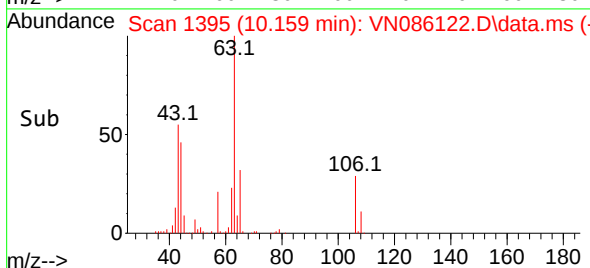
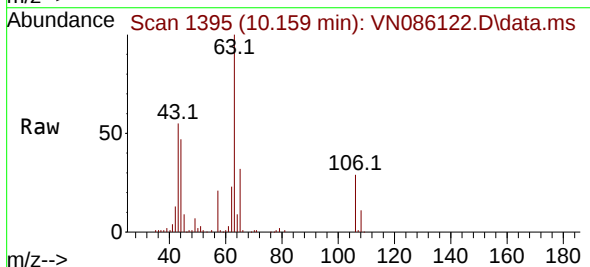
Manual Integrations
APPROVED

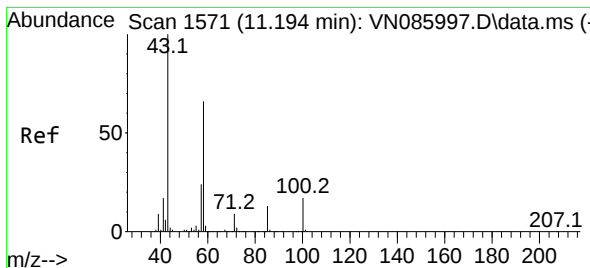
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 116.156 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

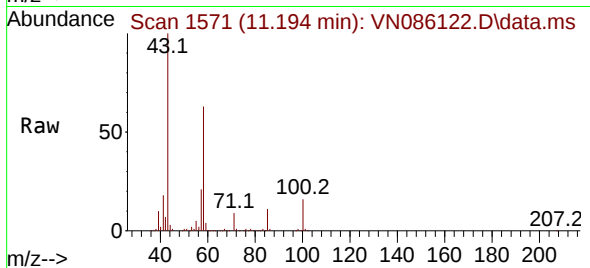
Tgt Ion: 63 Resp: 128800
Ion Ratio Lower Upper
63 100
106 29.3 25.0 37.6





#59
2-Hexanone
Concen: 118.147 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

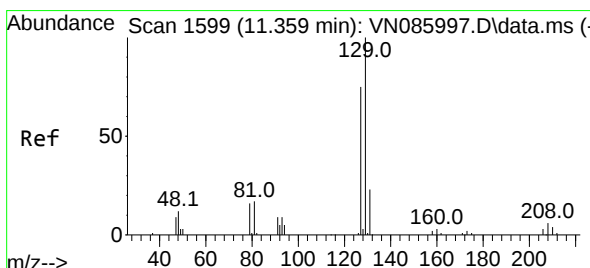
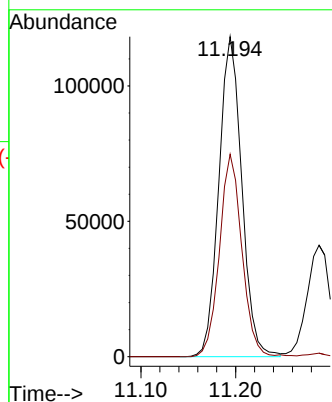
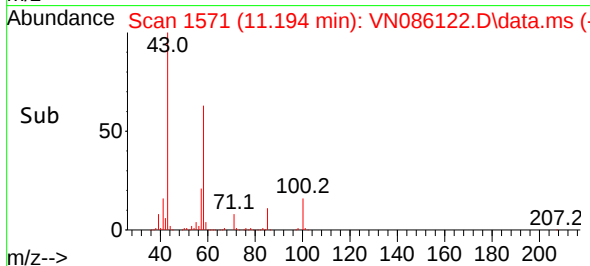
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



Tgt Ion: 43 Resp: 199139
Ion Ratio Lower Upper
43 100
58 62.0 32.4 97.2

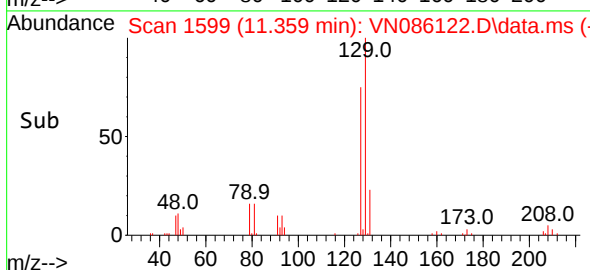
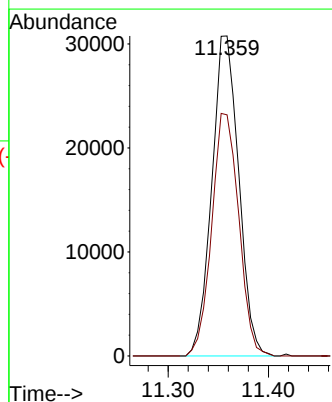
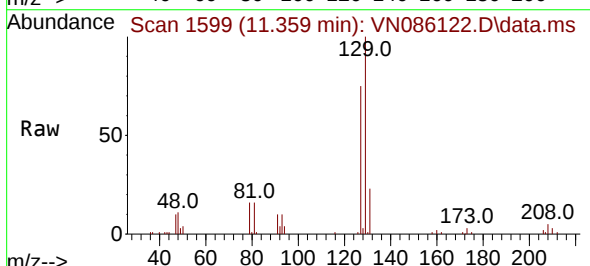
Manual Integrations
APPROVED

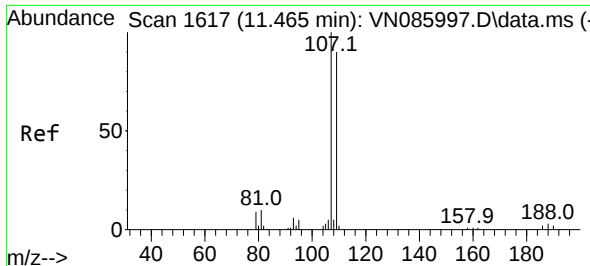
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#60
Dibromochloromethane
Concen: 21.099 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Tgt Ion:129 Resp: 57457
Ion Ratio Lower Upper
129 100
127 76.0 37.8 113.4





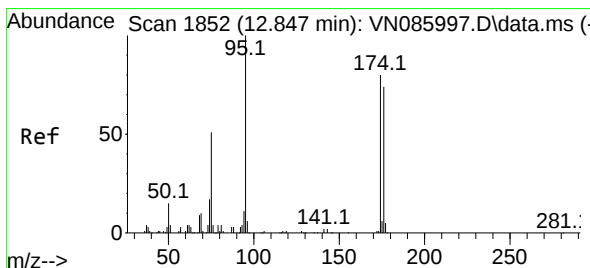
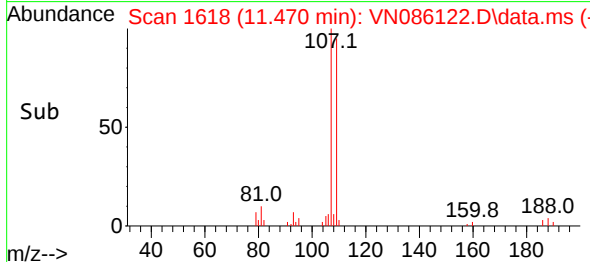
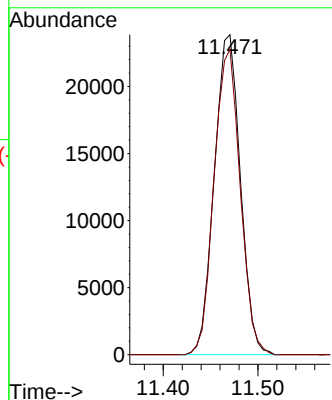
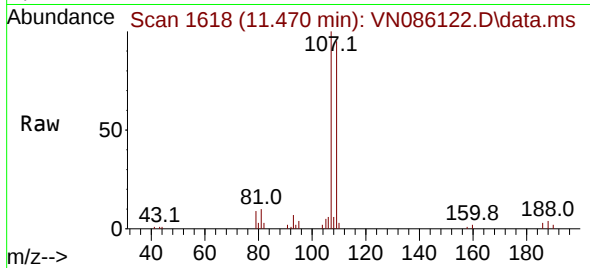
#61
1,2-Dibromoethane
Concen: 21.055 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion:107 Resp: 45619
Ion Ratio Lower Upper
107 100
109 95.8 73.3 109.9

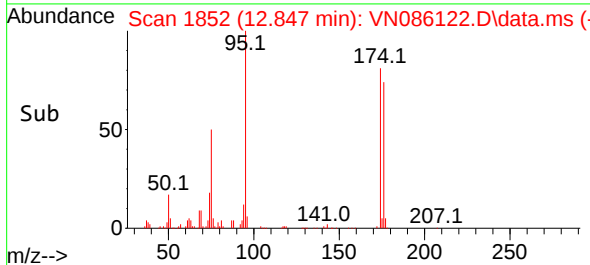
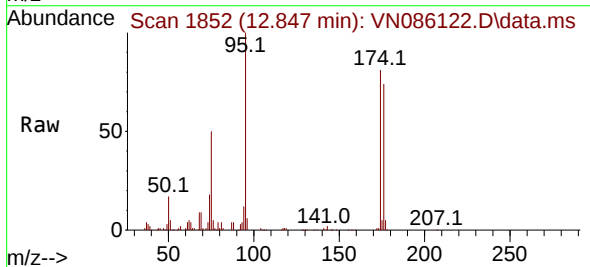
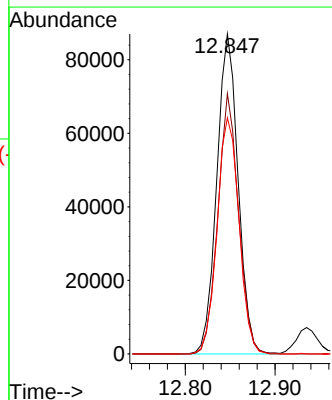
Manual Integrations
APPROVED

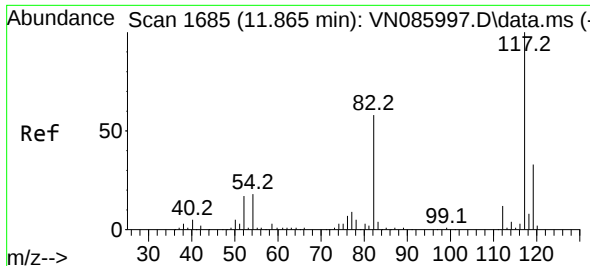
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#62
4-Bromofluorobenzene
Concen: 50.897 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

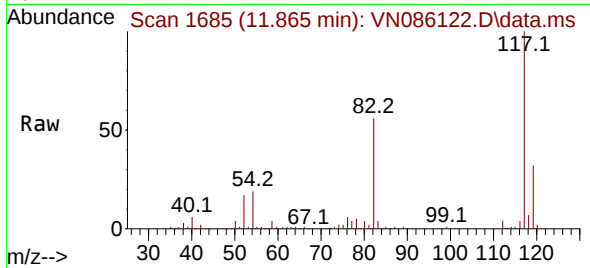
Tgt Ion: 95 Resp: 143573
Ion Ratio Lower Upper
95 100
174 79.1 0.0 156.8
176 75.8 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

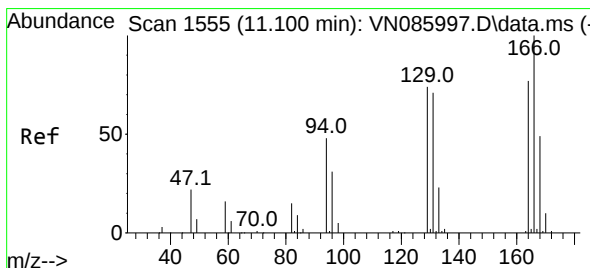
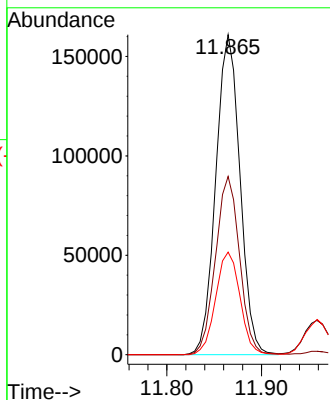
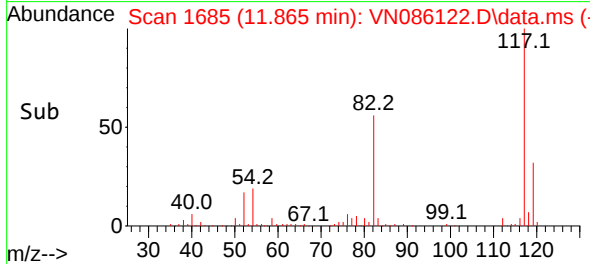
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



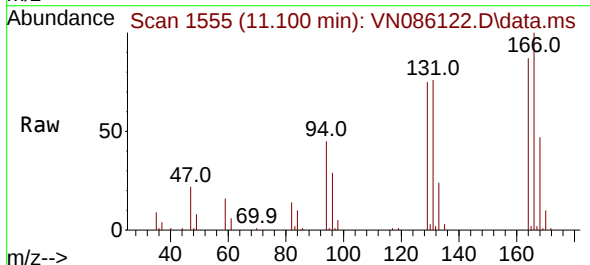
Tgt Ion:117 Resp: 285844
Ion Ratio Lower Upper
117 100
82 55.7 46.7 70.1
119 32.1 26.5 39.7

Manual Integrations
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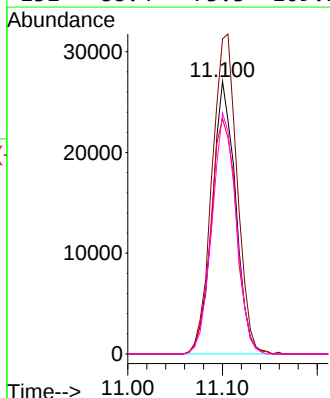
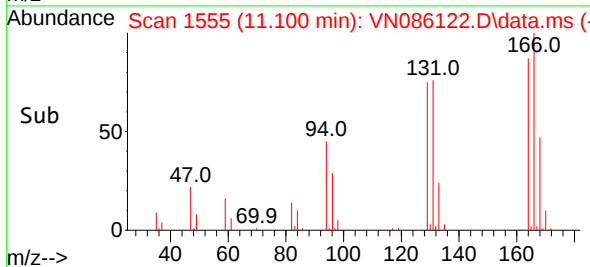
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

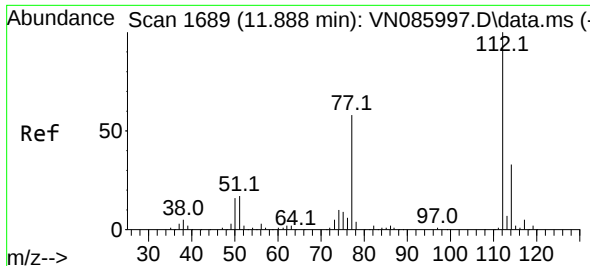


#64
Tetrachloroethene
Concen: 20.324 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35



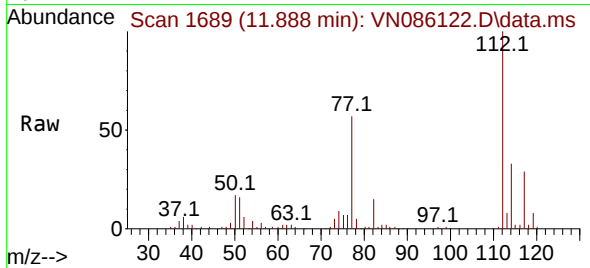
Tgt Ion:164 Resp: 46343
Ion Ratio Lower Upper
164 100
166 115.6 103.7 155.5
129 86.3 77.1 115.7
131 88.4 73.3 109.9





#65
Chlorobenzene
Concen: 19.404 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

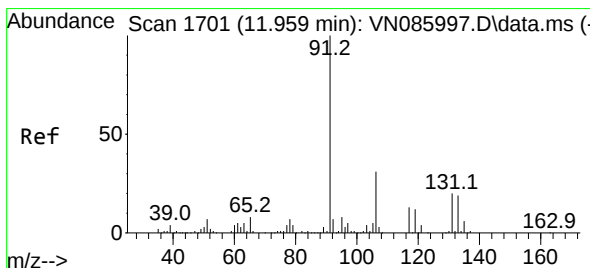
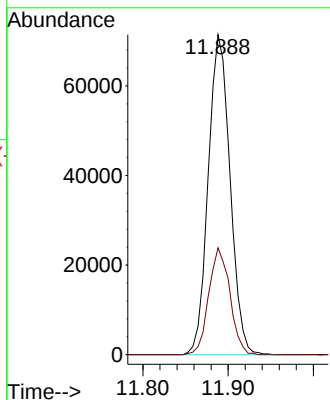
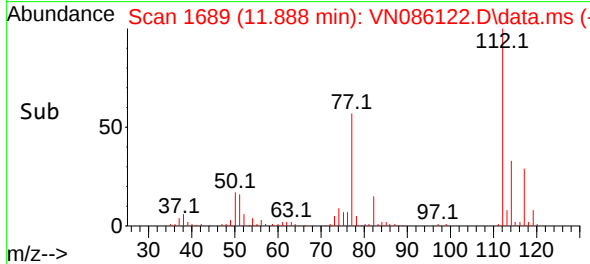
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



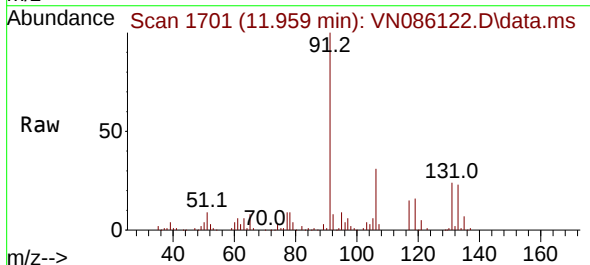
Tgt Ion:112 Resp: 12692
Ion Ratio Lower Upper
112 100
114 33.4 26.3 39.5

Manual Integrations
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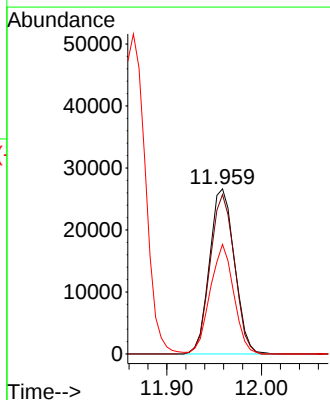
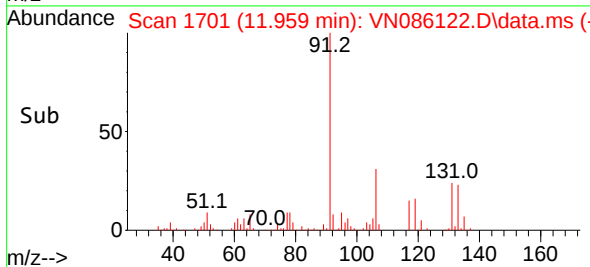
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.102 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35



Tgt Ion:131 Resp: 48877
Ion Ratio Lower Upper
131 100
133 94.4 47.0 141.0
119 63.0 31.4 94.0





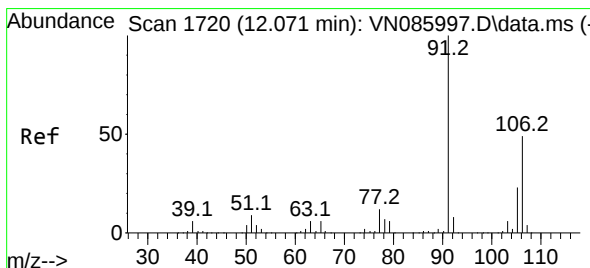
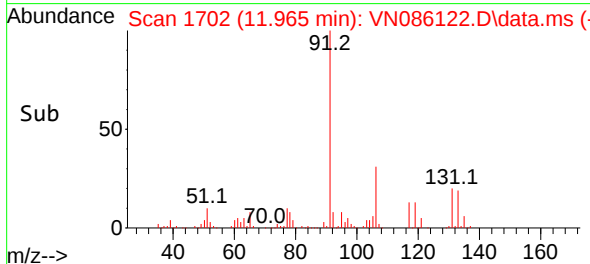
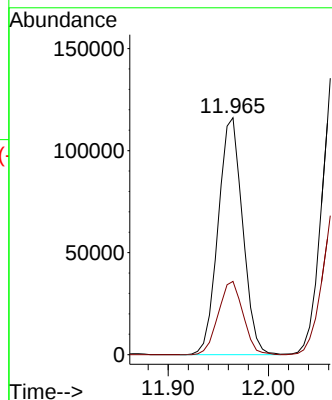
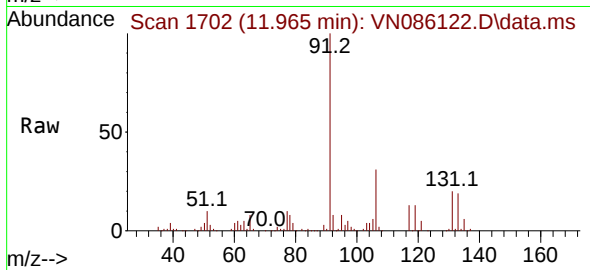
#67
Ethyl Benzene
Concen: 18.836 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion: 91 Resp: 19707
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7

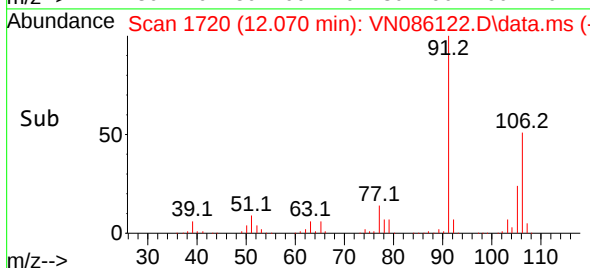
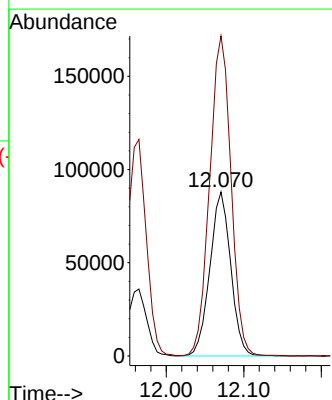
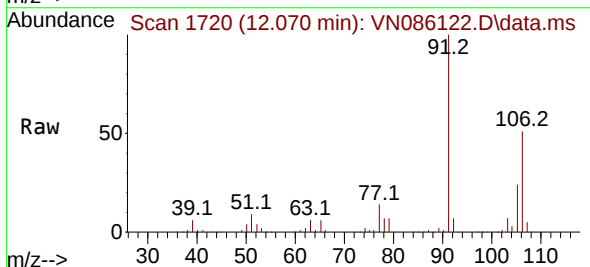
Manual Integrations
APPROVED

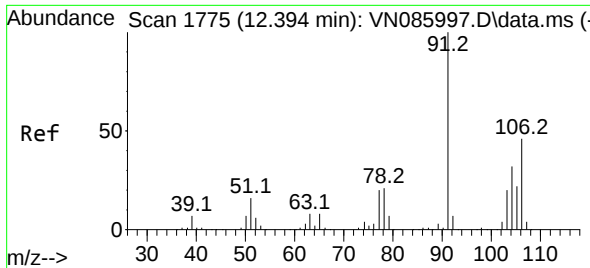
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#68
m/p-Xylenes
Concen: 39.959 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Tgt Ion:106 Resp: 164329
Ion Ratio Lower Upper
106 100
91 200.2 163.9 245.9





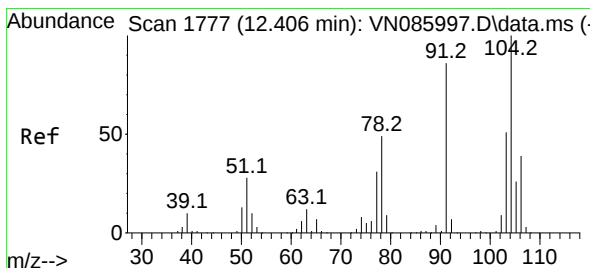
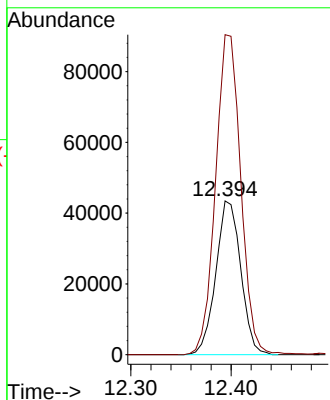
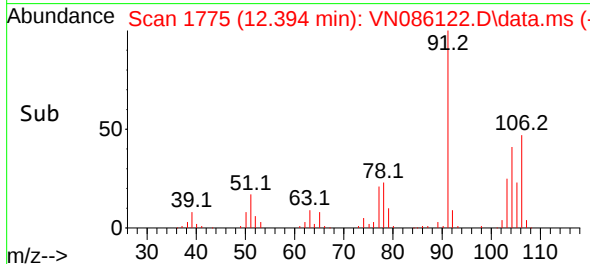
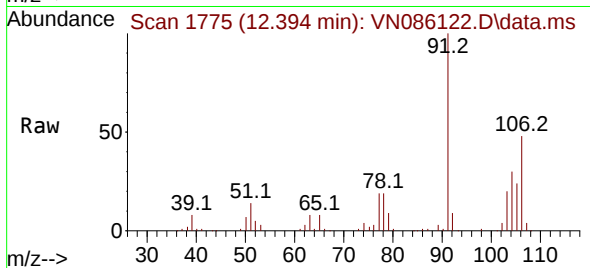
#69
o-Xylene
Concen: 19.870 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion:106 Resp: 74999
Ion Ratio Lower Upper
106 100
91 210.8 109.1 327.2

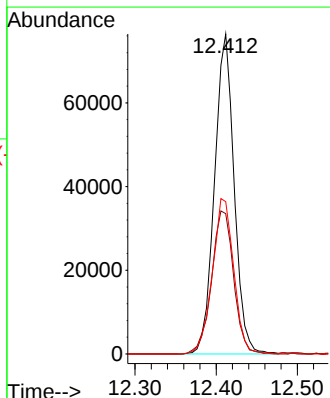
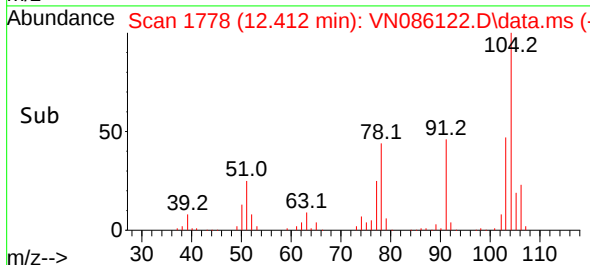
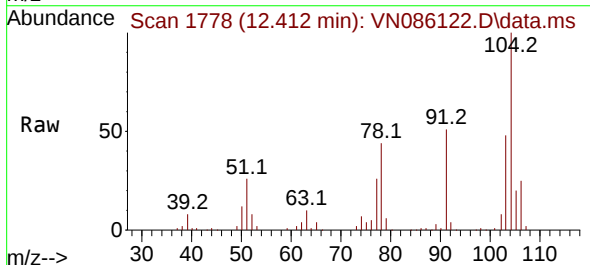
Manual Integrations
APPROVED

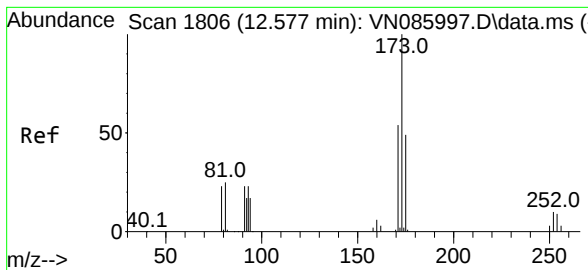
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#70
Styrene
Concen: 19.942 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Tgt Ion:104 Resp: 128564
Ion Ratio Lower Upper
104 100
78 50.3 41.4 62.2
103 52.8 42.9 64.3





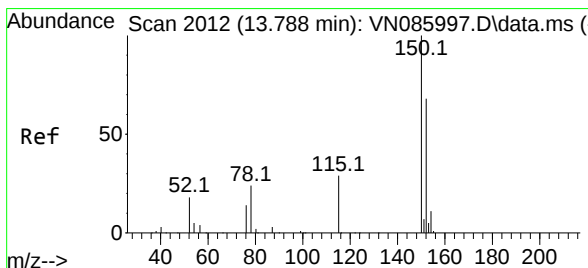
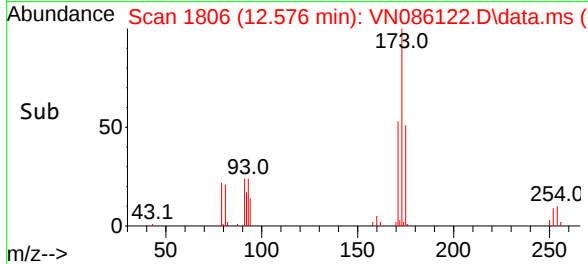
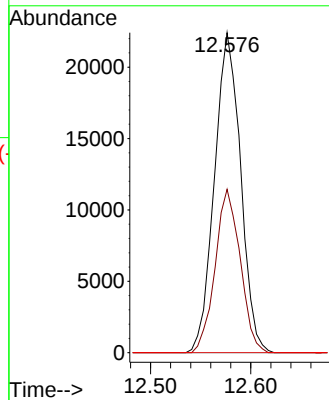
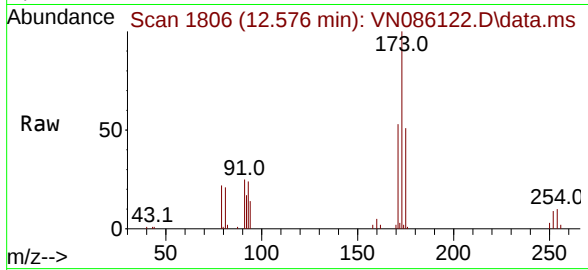
#71
Bromoform
Concen: 19.931 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion:173 Resp: 40512
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.0 0.0 0.0

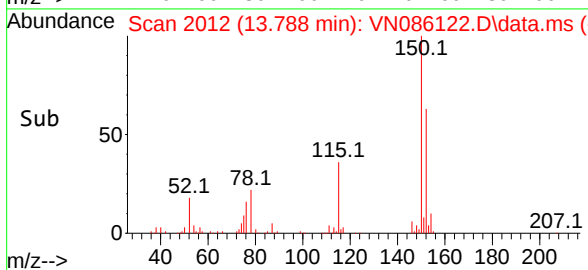
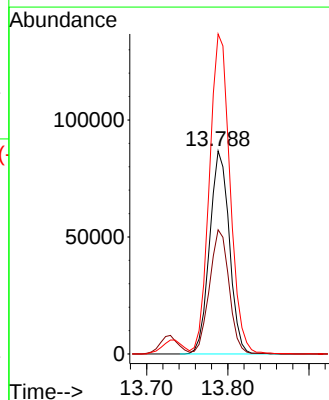
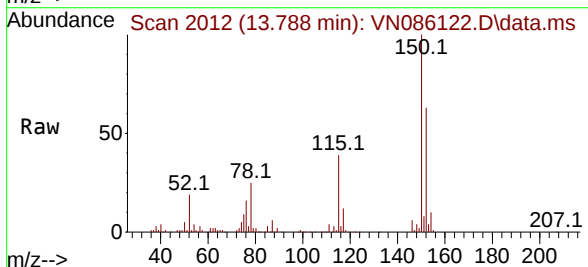
Manual Integrations
APPROVED

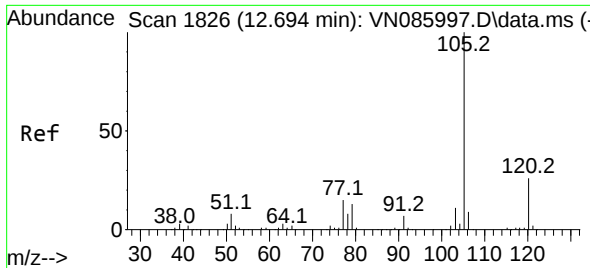
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

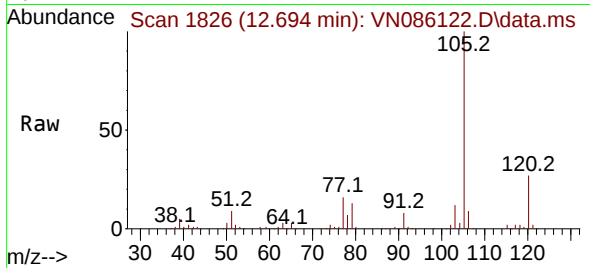
Tgt Ion:152 Resp: 146036
Ion Ratio Lower Upper
152 100
115 61.1 31.1 93.2
150 165.1 0.0 359.6





#73
Isopropylbenzene
Concen: 18.215 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

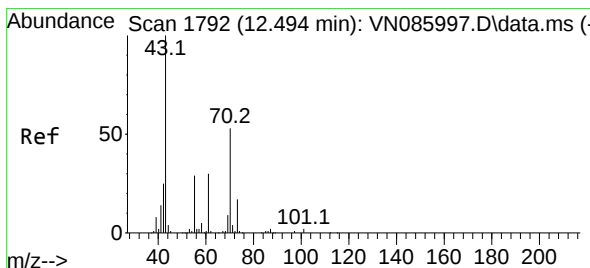
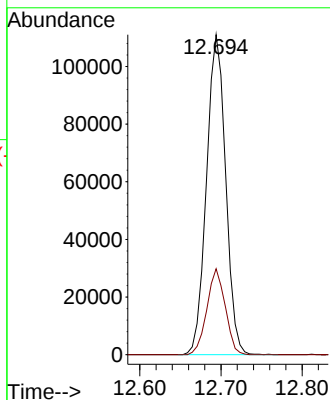
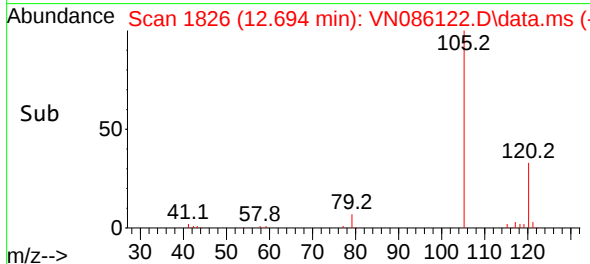
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



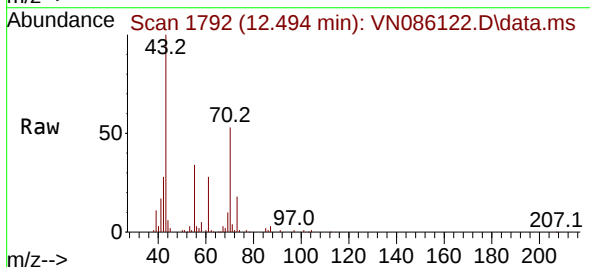
Tgt Ion:105 Resp: 181650
Ion Ratio Lower Upper
105 100
120 25.6 13.0 39.0

Manual Integrations
APPROVED

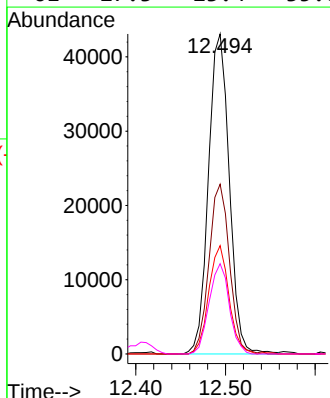
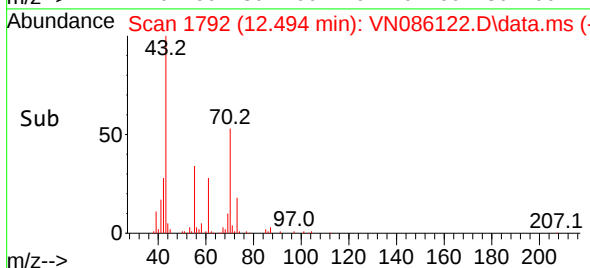
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

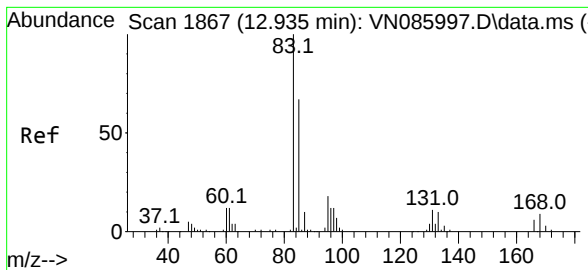


#74
N-ethyl acetate
Concen: 20.846 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35



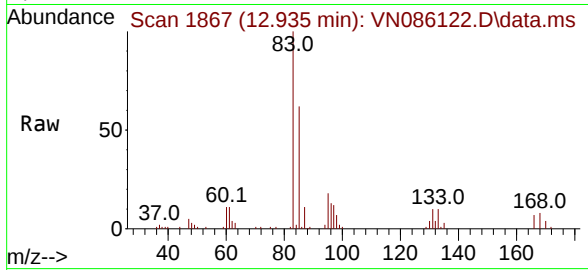
Tgt Ion: 43 Resp: 69553
Ion Ratio Lower Upper
43 100
70 52.2 43.0 64.4
55 32.8 23.8 35.8
61 27.3 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 19.949 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

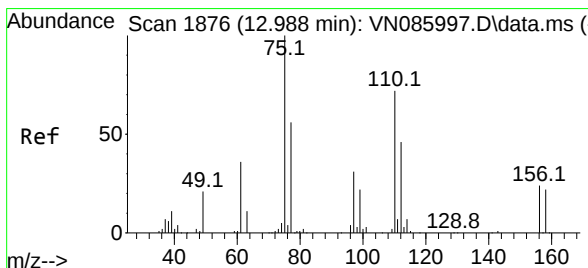
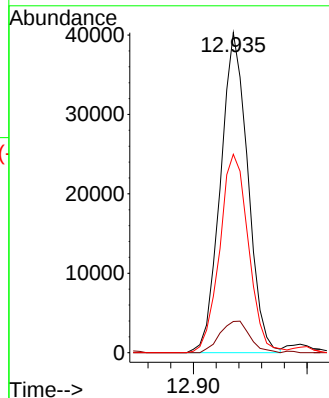
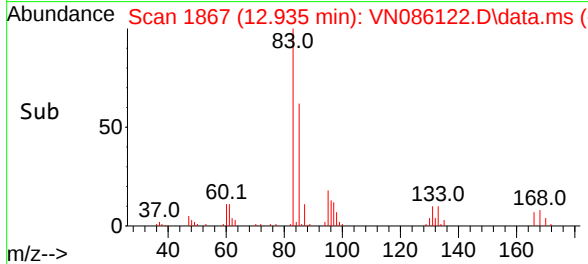
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



Tgt Ion: 83 Resp: 67300
Ion Ratio Lower Upper
83 100
131 10.7 5.5 16.5
85 65.2 32.6 97.8

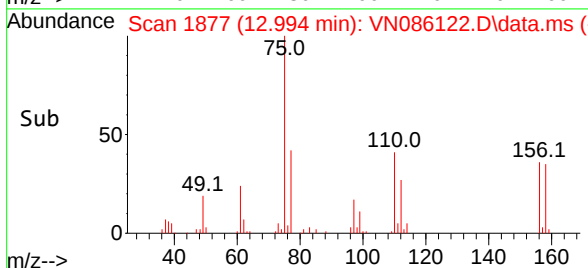
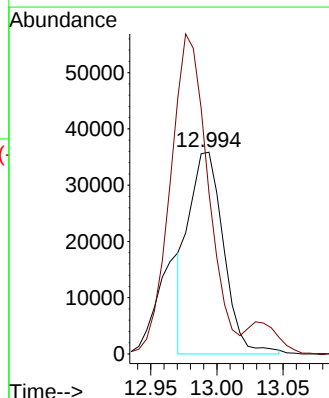
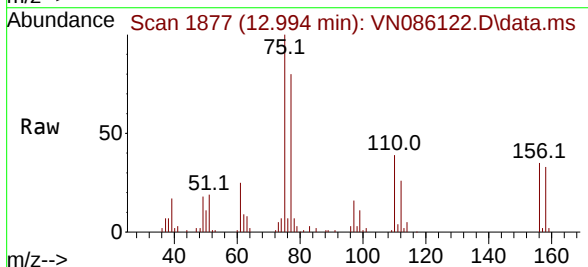
Manual Integrations
APPROVED

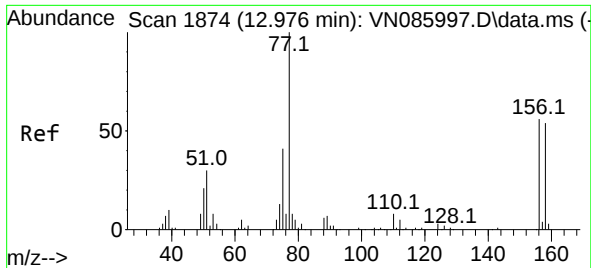
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#76
1,2,3-Trichloropropane
Concen: 20.047 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

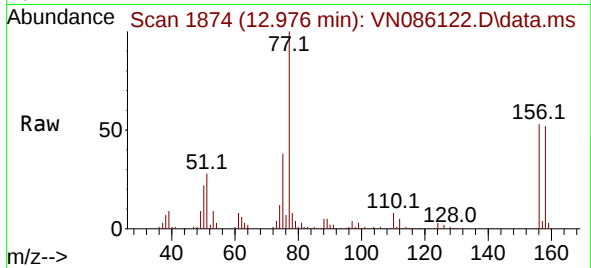
Tgt Ion: 75 Resp: 65543
Ion Ratio Lower Upper
75 100
77 172.7 83.7 251.0





#77
Bromobenzene
Concen: 19.063 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

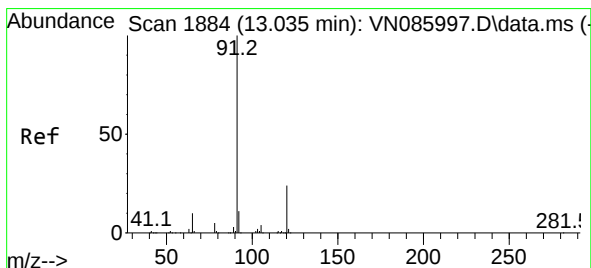
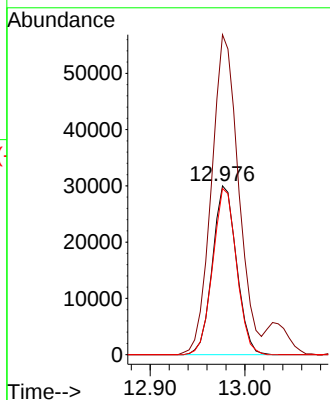
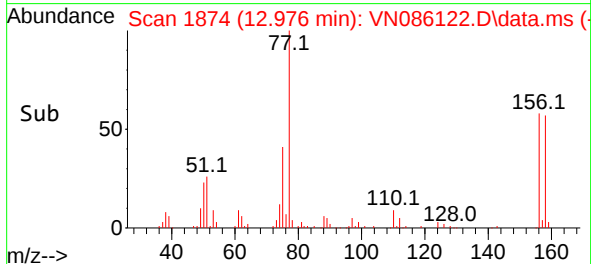
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



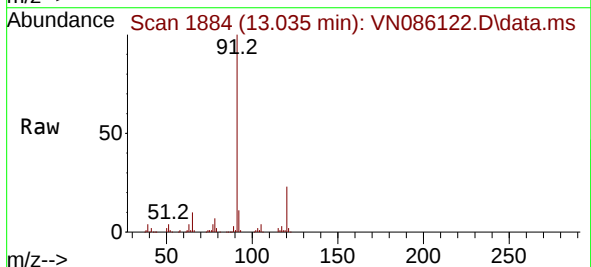
Tgt Ion:156 Resp: 53010
Ion Ratio Lower Upper
156 100
77 213.5 104.1 312.3
158 97.3 49.0 147.0

Manual Integrations
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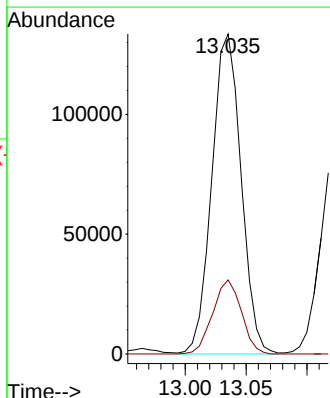
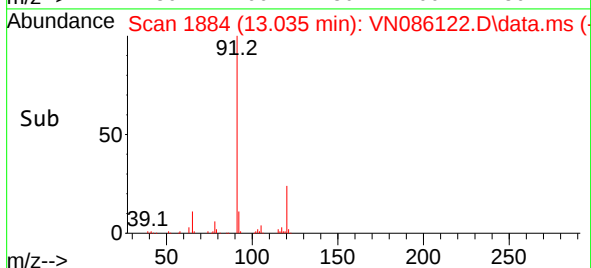
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

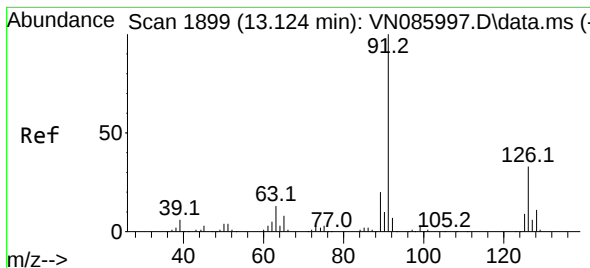


#78
n-propylbenzene
Concen: 19.764 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35



Tgt Ion: 91 Resp: 223183
Ion Ratio Lower Upper
91 100
120 22.6 11.7 35.0





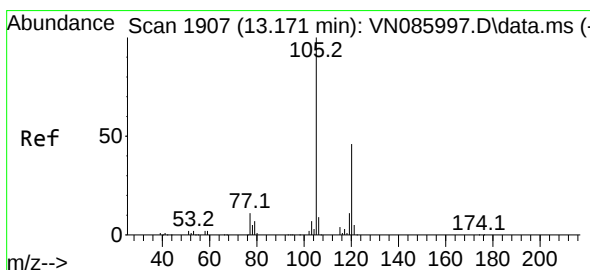
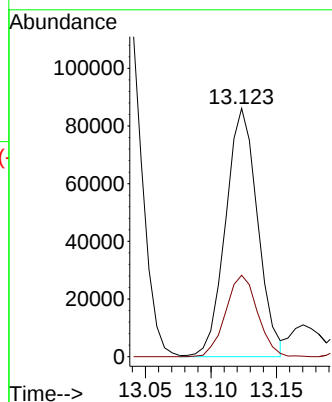
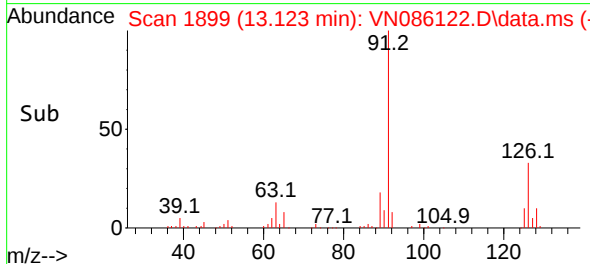
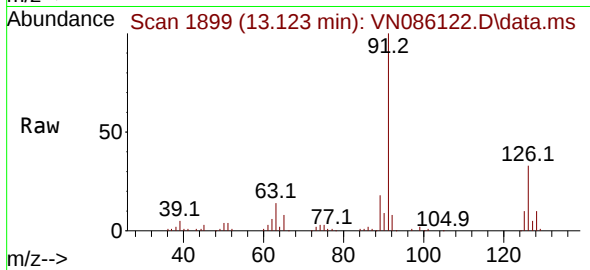
#79
2-Chlorotoluene
Concen: 19.506 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion: 91 Resp: 146308
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.2

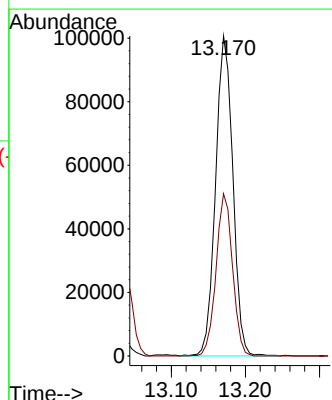
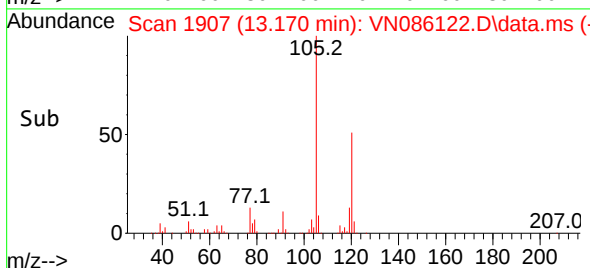
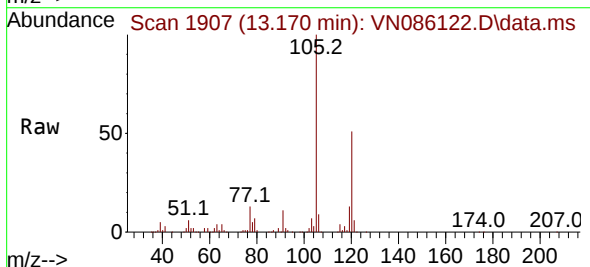
Manual Integrations
APPROVED

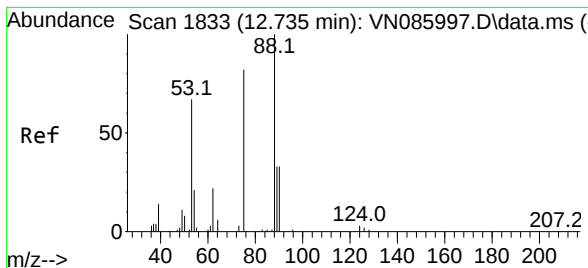
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.342 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

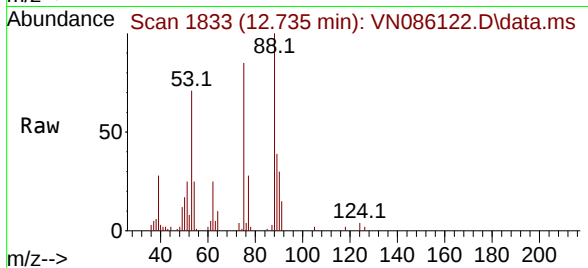
Tgt Ion:105 Resp: 162851
Ion Ratio Lower Upper
105 100
120 48.3 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 20.745 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

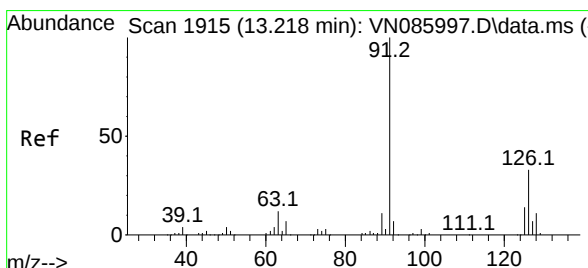
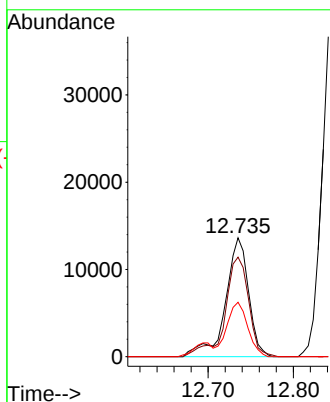
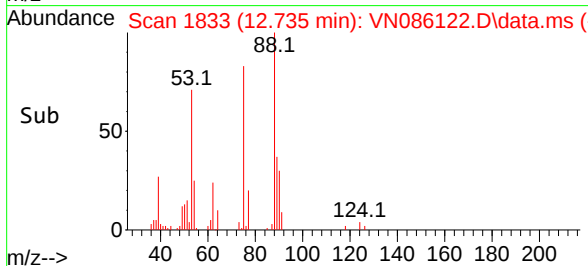
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01



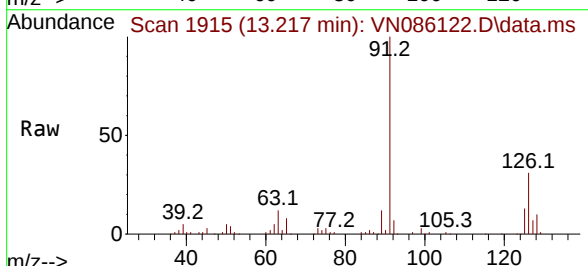
Tgt Ion: 75 Resp: 25654
Ion Ratio Lower Upper
75 100
53 85.3 66.0 99.0
89 41.8 36.9 55.3

Manual Integrations
APPROVED

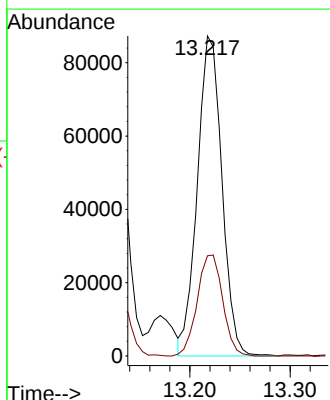
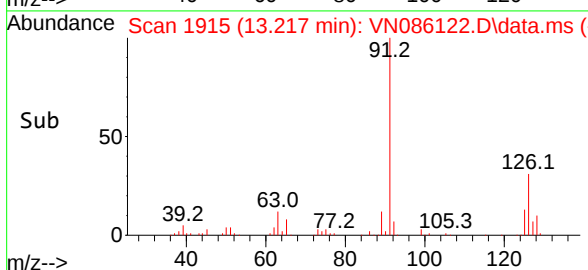
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

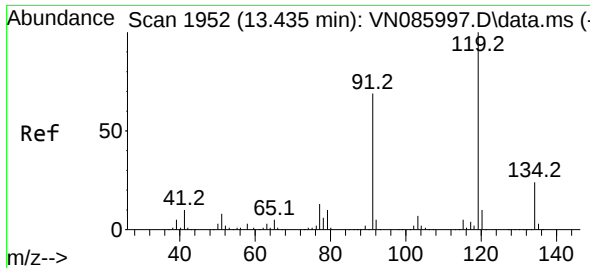


#82
4-Chlorotoluene
Concen: 19.334 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35



Tgt Ion: 91 Resp: 149132
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.2





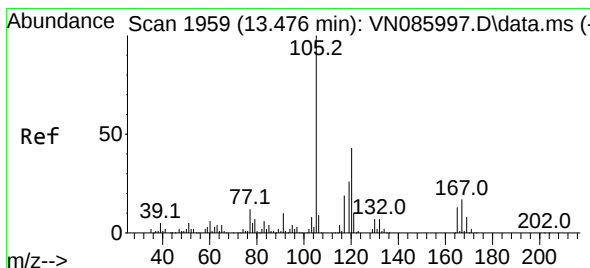
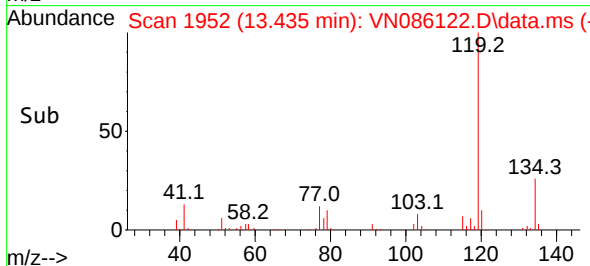
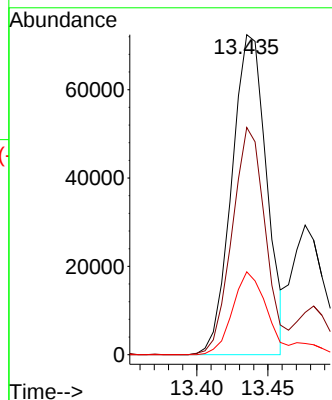
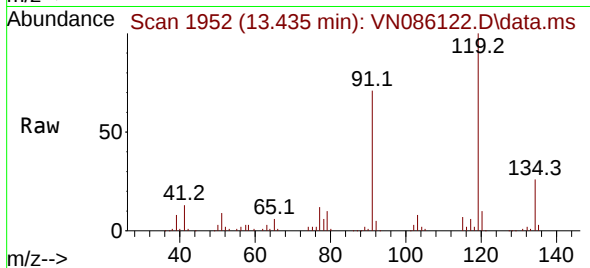
#83
tert-Butylbenzene
Concen: 17.154 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion:119 Resp: 123528
Ion Ratio Lower Upper
119 100
91 68.6 34.3 102.9
134 25.1 13.5 40.5

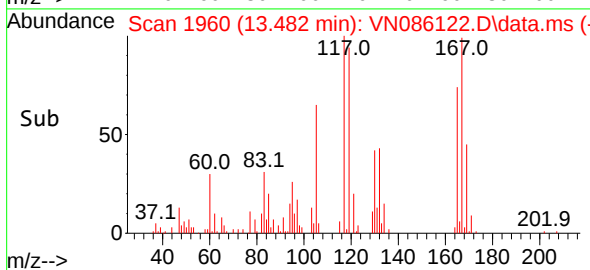
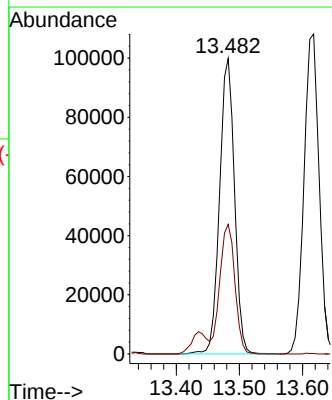
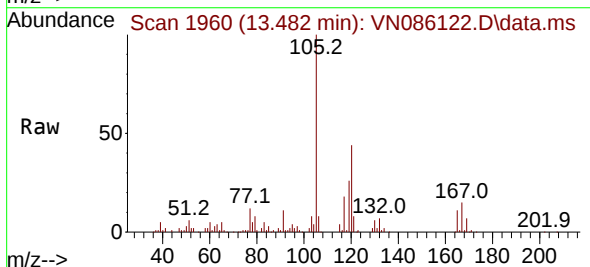
Manual Integrations
APPROVED

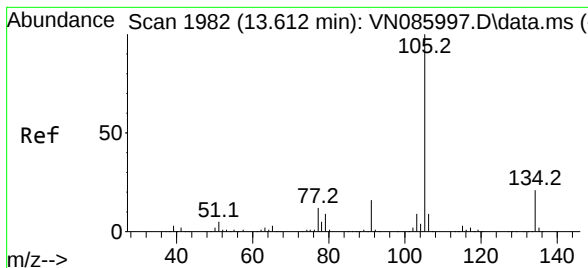
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.285 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Tgt Ion:105 Resp: 163776
Ion Ratio Lower Upper
105 100
120 44.3 21.9 65.8





#85

sec-Butylbenzene

Concen: 19.091 ug/l

RT: 13.617 min Scan# 1982

Delta R.T. 0.006 min

Lab File: VN086122.D

Acq: 26 Mar 2025 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0326MBS01

Tgt Ion:105 Resp: 179339

Ion Ratio Lower Upper

105 100

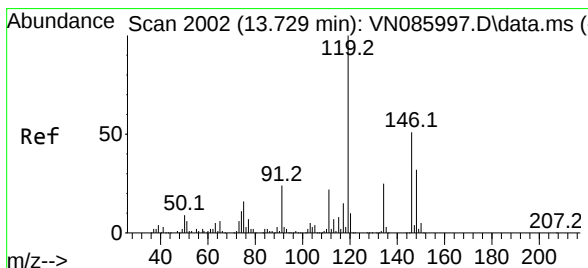
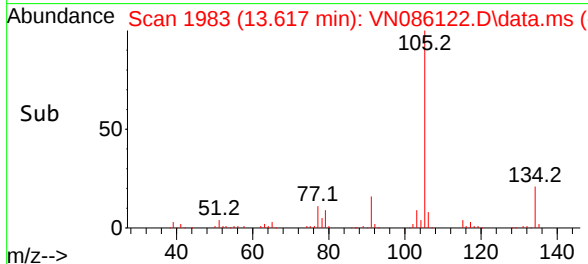
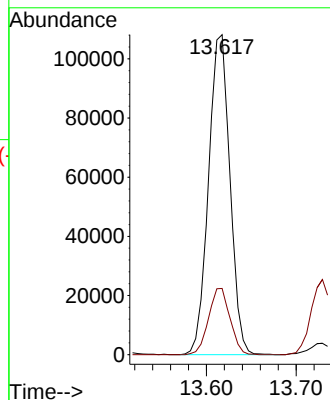
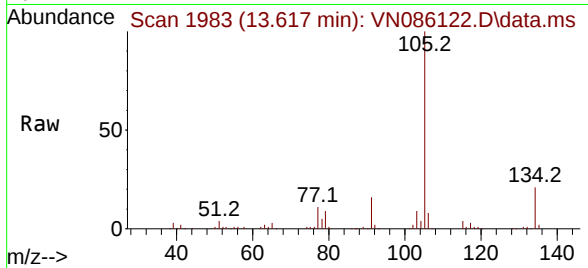
134 20.7 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#86

p-Isopropyltoluene

Concen: 19.052 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086122.D

Acq: 26 Mar 2025 13:35

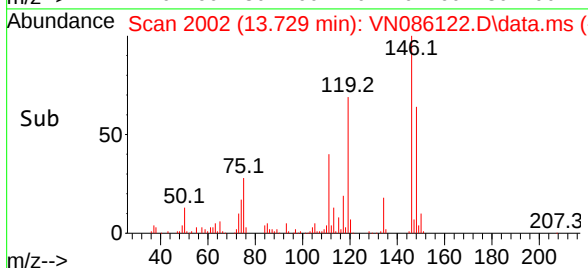
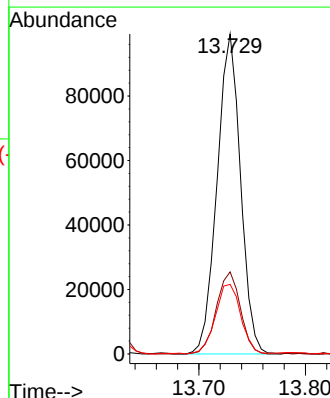
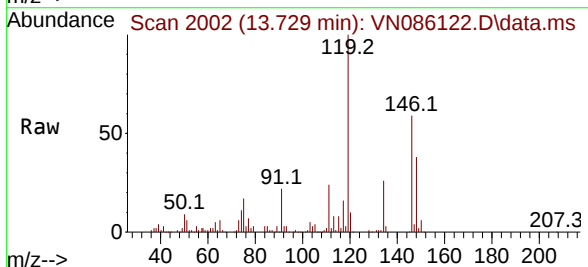
Tgt Ion:119 Resp: 151502

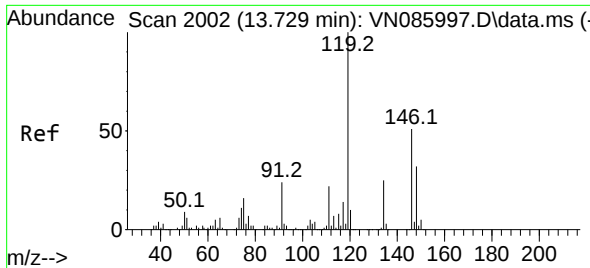
Ion Ratio Lower Upper

119 100

134 26.2 12.6 37.8

91 23.7 12.3 36.8





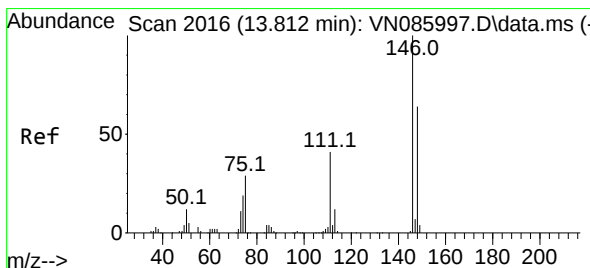
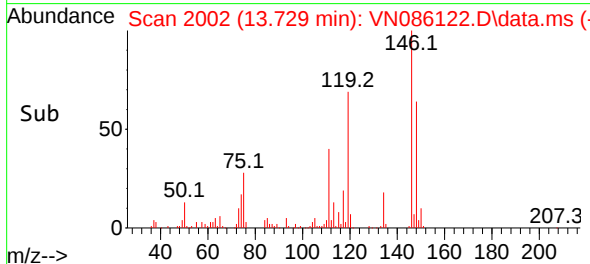
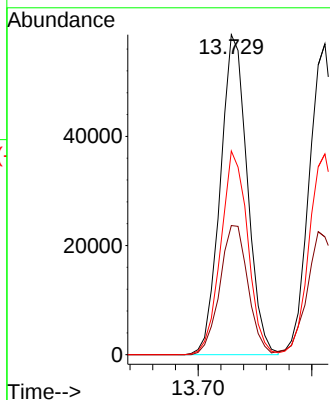
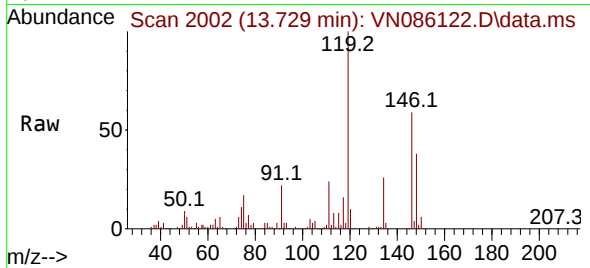
#87
1,3-Dichlorobenzene
Concen: 19.295 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion:146 Resp: 96712
Ion Ratio Lower Upper
146 100
111 42.0 21.2 63.6
148 63.6 31.8 95.4

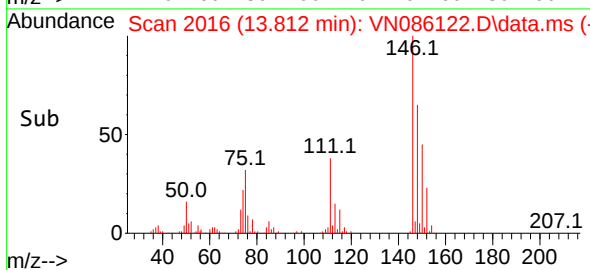
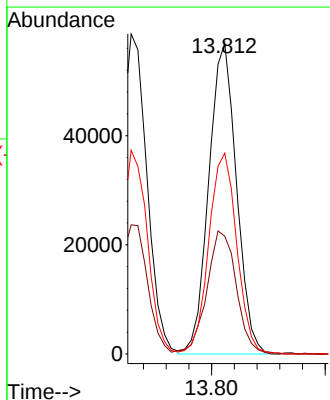
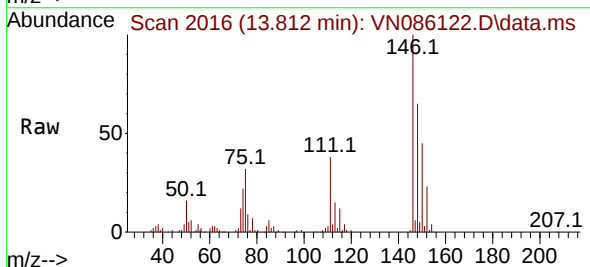
Manual Integrations
APPROVED

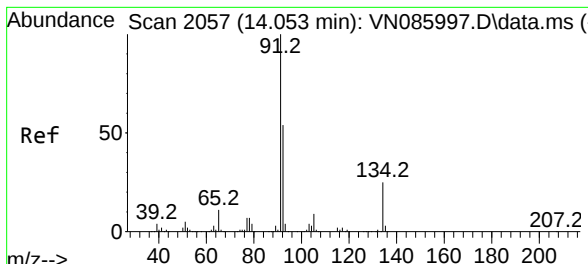
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#88
1,4-Dichlorobenzene
Concen: 18.331 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Tgt Ion:146 Resp: 96535
Ion Ratio Lower Upper
146 100
111 42.0 20.4 61.3
148 65.3 32.1 96.5





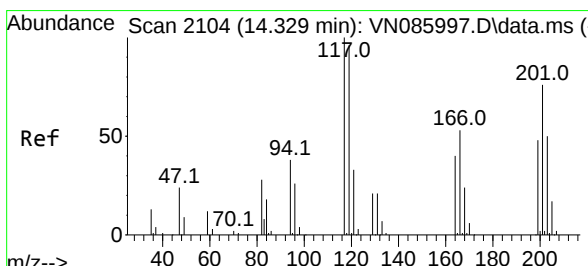
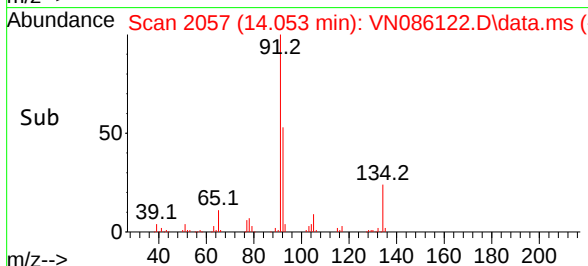
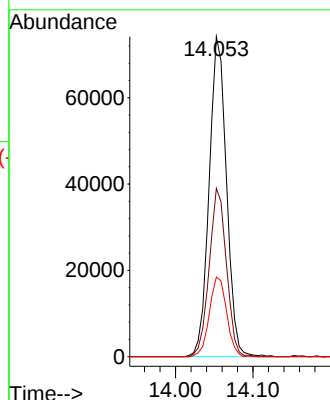
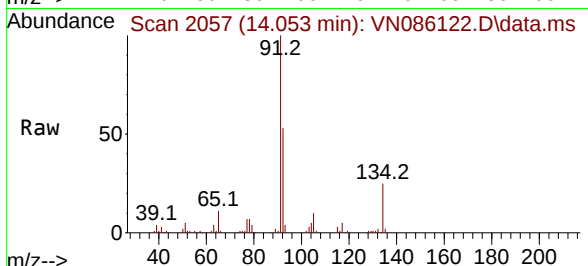
#89
n-Butylbenzene
Concen: 17.814 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion: 91 Resp: 11535
Ion Ratio Lower Upper
91 100
92 52.1 26.9 80.6
134 24.7 13.0 39.0

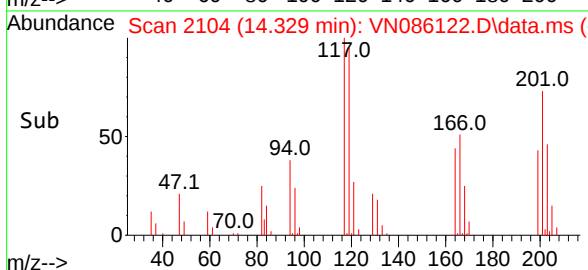
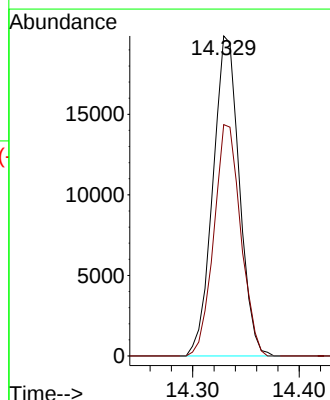
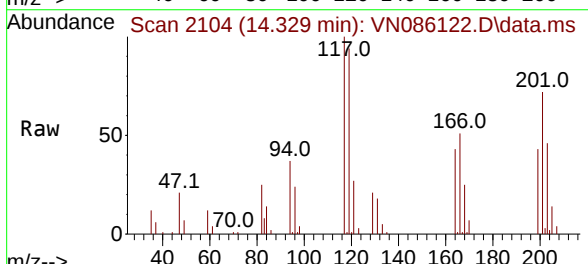
Manual Integrations
APPROVED

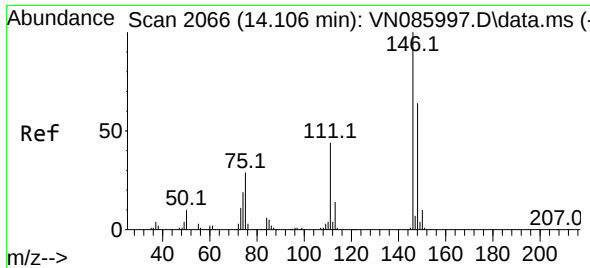
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#90
Hexachloroethane
Concen: 18.641 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Tgt Ion:117 Resp: 34204
Ion Ratio Lower Upper
117 100
201 73.5 39.1 117.3





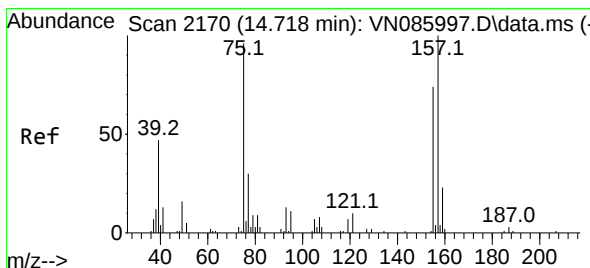
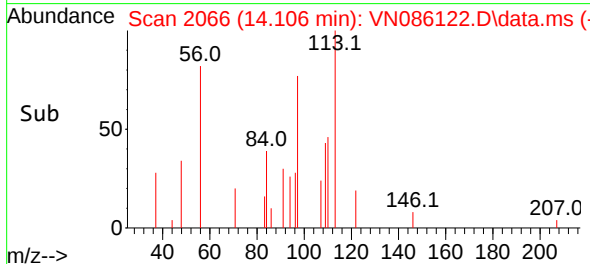
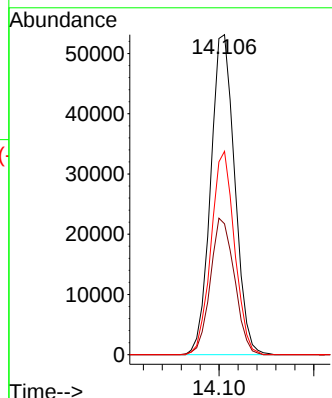
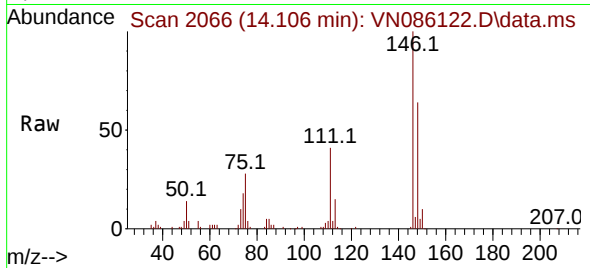
#91
1,2-Dichlorobenzene
Concen: 18.781 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBS01

Tgt Ion:146 Resp: 9358
Ion Ratio Lower Upper
146 100
111 42.8 22.3 66.8
148 62.0 32.1 96.5

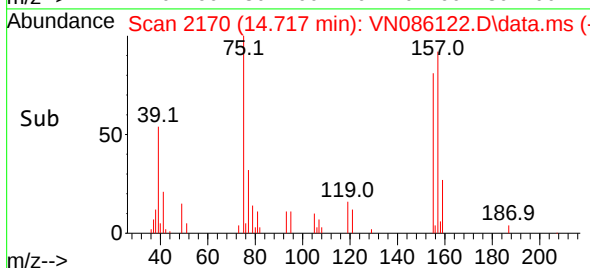
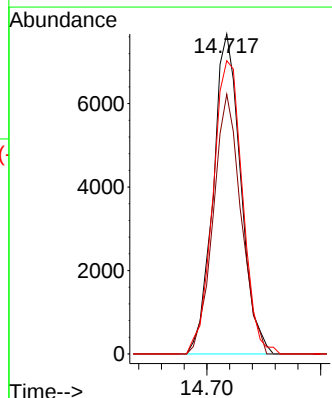
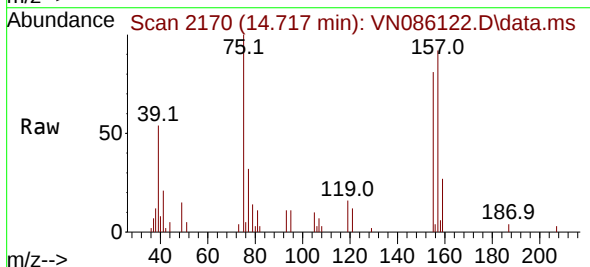
Manual Integrations
APPROVED

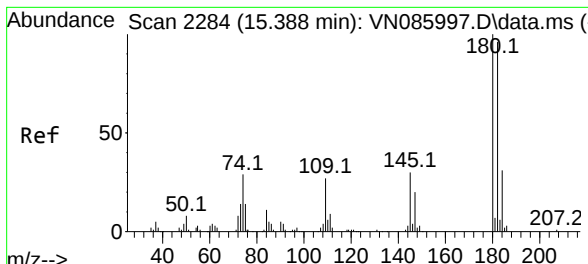
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.197 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086122.D
Acq: 26 Mar 2025 13:35

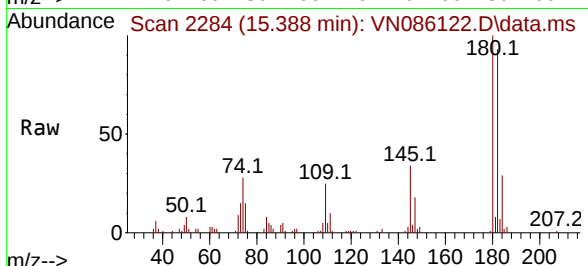
Tgt Ion: 75 Resp: 12929
Ion Ratio Lower Upper
75 100
155 81.8 41.0 123.0
157 98.1 53.7 161.1





#93
 1,2,4-Trichlorobenzene
 Concen: 16.278 ug/l
 RT: 15.388 min Scan# 2100
 Delta R.T. -0.000 min
 Lab File: VN086122.D
 Acq: 26 Mar 2025 13:35

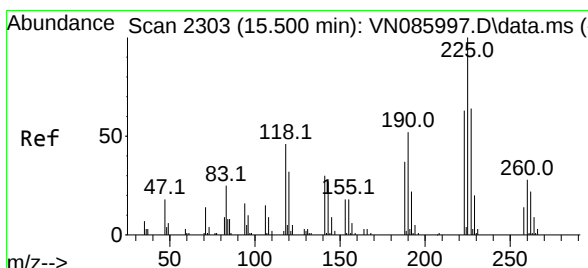
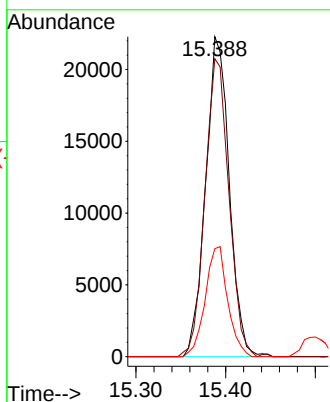
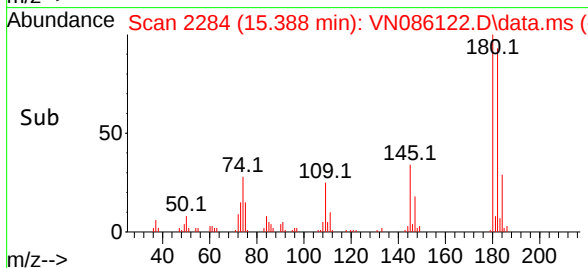
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326MBS01



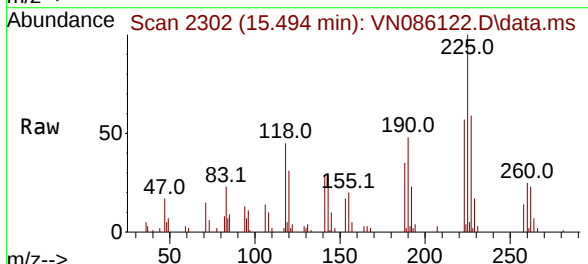
Tgt Ion:180 Resp: 40784
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.0 141.0
 145 32.7 15.5 46.5

Manual Integrations
 APPROVED

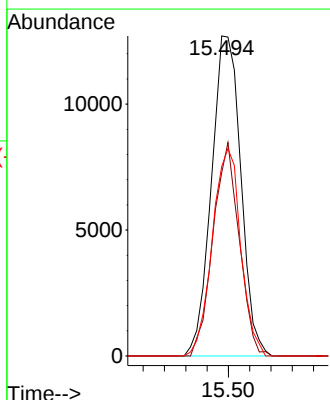
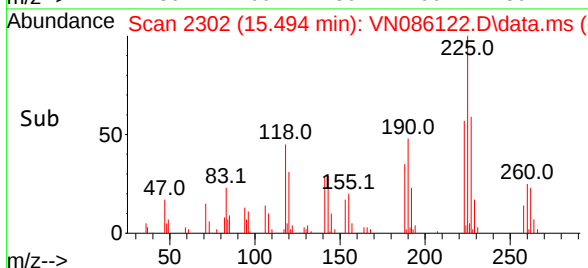
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

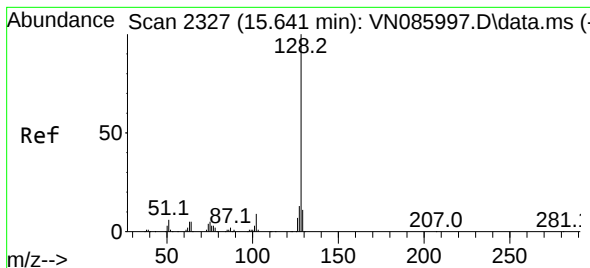


#94
 Hexachlorobutadiene
 Concen: 16.738 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086122.D
 Acq: 26 Mar 2025 13:35



Tgt Ion:225 Resp: 24330
 Ion Ratio Lower Upper
 225 100
 223 59.3 31.3 93.9
 227 62.6 32.1 96.3





#95

Naphthalene

Concen: 15.949 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN086122.D

Acq: 26 Mar 2025 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0326MBS01

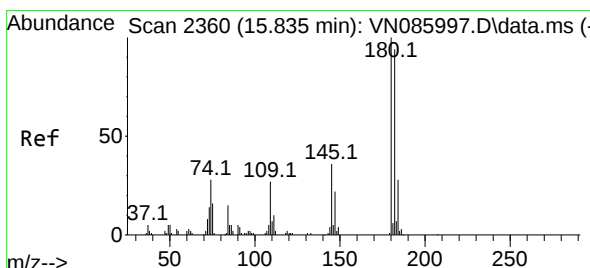
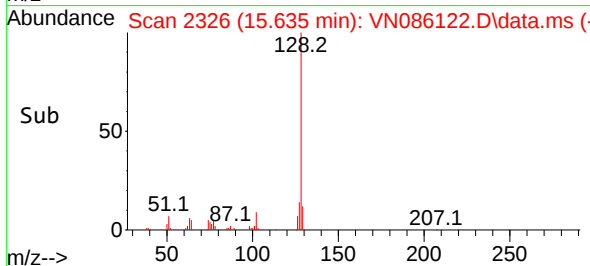
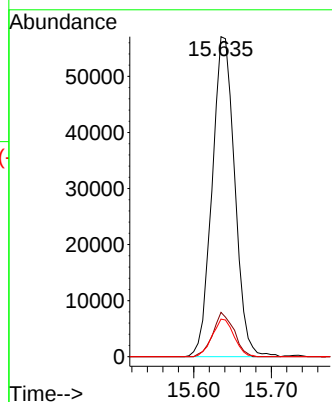
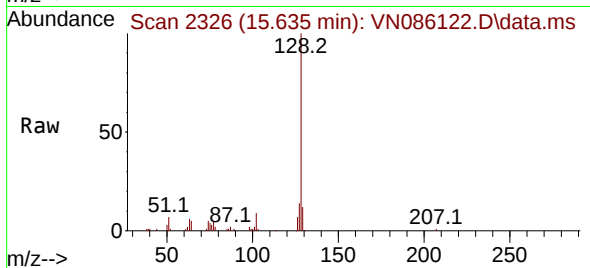
Tgt Ion:128	Resp:	115700
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.2 15.4
129	11.3	9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.056 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN086122.D

Acq: 26 Mar 2025 13:35

Tgt Ion:180	Resp:	40547
Ion Ratio	Lower	Upper
180	100	
182	97.3	47.5 142.5
145	34.4	17.7 53.1

