

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022525\
 Data File : VN085850.D
 Acq On : 25 Feb 2025 12:14
 Operator : JC\MD
 Sample : VN0225WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2025
 Supervised By : Mahesh Dadoda 02/26/2025

Quant Time: Feb 25 23:25:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	265043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	437697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	395653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	172269	50.134	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.260%			
35) Dibromofluoromethane	8.165	113	148322	51.787	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.580%			
50) Toluene-d8	10.565	98	544780	52.280	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.560%			
62) 4-Bromofluorobenzene	12.847	95	184110	53.625	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	68544	19.013	ug/l	99
3) Chloromethane	2.359	50	68686	18.987	ug/l	98
4) Vinyl Chloride	2.512	62	71212	18.592	ug/l	100
5) Bromomethane	2.953	94	44318	18.095	ug/l	95
6) Chloroethane	3.118	64	45920	18.099	ug/l	96
7) Trichlorofluoromethane	3.494	101	104194	18.789	ug/l	99
8) Diethyl Ether	3.959	74	33122	18.459	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	63847	19.917	ug/l	98
10) Methyl Iodide	4.583	142	71951	18.209	ug/l	99
11) Tert butyl alcohol	5.518	59	52130	123.347	ug/l	97
12) 1,1-Dichloroethene	4.336	96	53755	18.494	ug/l	97
13) Acrolein	4.177	56	58917	94.007	ug/l	93
14) Allyl chloride	5.018	41	68034	17.828	ug/l	96
15) Acrylonitrile	5.712	53	157560	114.679	ug/l	99
16) Acetone	4.430	43	119579	109.981	ug/l	96
17) Carbon Disulfide	4.712	76	147385	17.110	ug/l	98
18) Methyl Acetate	5.024	43	85245	22.795	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	167881	19.437	ug/l	99
20) Methylene Chloride	5.271	84	66760	19.093	ug/l	97
21) trans-1,2-Dichloroethene	5.788	96	58887	18.816	ug/l	91
22) Diisopropyl ether	6.671	45	177222	20.553	ug/l	98
23) Vinyl Acetate	6.606	43	570225	96.582	ug/l	100
24) 1,1-Dichloroethane	6.565	63	116398	19.857	ug/l	99
25) 2-Butanone	7.482	43	182994	114.401	ug/l	95
26) 2,2-Dichloropropane	7.488	77	99289	19.049	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	66321	18.276	ug/l	97
28) Bromochloromethane	7.812	49	54225	22.507	ug/l	96
29) Tetrahydrofuran	7.841	42	125088	121.101	ug/l	100
30) Chloroform	7.965	83	122120	19.936	ug/l	95
31) Cyclohexane	8.253	56	84430	17.203	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	105264	19.320	ug/l	98
36) 1,1-Dichloropropene	8.371	75	76675	18.916	ug/l	99
37) Ethyl Acetate	7.559	43	78448	23.517	ug/l	99
38) Carbon Tetrachloride	8.365	117	94107	19.539	ug/l	99
39) Methylcyclohexane	9.600	83	67293	16.899	ug/l	92
40) Benzene	8.606	78	256795	19.766	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	39374	22.080	ug/l	96
42) 1,2-Dichloroethane	8.671	62	84230	19.905	ug/l	100
43) Isopropyl Acetate	8.688	43	127009	21.383	ug/l	99
44) Trichloroethene	9.347	130	58620	18.377	ug/l	97
45) 1,2-Dichloropropane	9.618	63	63306	20.187	ug/l	100
46) Dibromomethane	9.706	93	46442	20.996	ug/l	99
47) Bromodichloromethane	9.888	83	96402	20.371	ug/l	99
48) Methyl methacrylate	9.682	41	51937	20.965	ug/l	96
49) 1,4-Dioxane	9.694	88	25683	545.178	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	398075	123.775	ug/l	98
52) Toluene	10.629	92	158936	20.870	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	86836	19.844	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	95747	19.953	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	62995	20.805	ug/l	97
56) Ethyl methacrylate	10.871	69	82092	20.490	ug/l	98
57) 1,3-Dichloropropane	11.159	76	104501	20.675	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	198181	134.520	ug/l	98
59) 2-Hexanone	11.194	43	287511	129.948	ug/l	99
60) Dibromochloromethane	11.359	129	74709	21.189	ug/l	100
61) 1,2-Dibromoethane	11.470	107	60655	21.202	ug/l	100
64) Tetrachloroethene	11.100	164	56528	18.442	ug/l	94
65) Chlorobenzene	11.888	112	172945	19.081	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	65682	20.161	ug/l	97
67) Ethyl Benzene	11.965	91	270608	19.060	ug/l	98
68) m/p-Xylenes	12.070	106	220483	40.882	ug/l	99
69) o-Xylene	12.400	106	99401	19.396	ug/l	99
70) Styrene	12.412	104	173108	19.620	ug/l	98
71) Bromoform	12.576	173	52773	21.800	ug/l #	96
73) Isopropylbenzene	12.694	105	246196	18.202	ug/l	97
74) N-amyl acetate	12.494	43	97676	20.478	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	95820	20.587	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	79622m	18.155	ug/l	
77) Bromobenzene	12.982	156	68892	18.852	ug/l	95
78) n-propylbenzene	13.035	91	302759	19.545	ug/l	100
79) 2-Chlorotoluene	13.123	91	196280	18.965	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	220385	20.002	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	34079	22.673	ug/l	98
82) 4-Chlorotoluene	13.223	91	201651	19.653	ug/l	100
83) tert-Butylbenzene	13.435	119	174208	18.802	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	219405	20.127	ug/l	99
85) sec-Butylbenzene	13.617	105	244227	18.656	ug/l	100
86) p-Isopropyltoluene	13.729	119	199558	17.934	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	128639	18.789	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	128477	18.309	ug/l	99
89) n-Butylbenzene	14.053	91	156665	16.856	ug/l	97
90) Hexachloroethane	14.335	117	46787	18.871	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	123362	18.737	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17037	19.934	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	52483	16.729	ug/l	100
94) Hexachlorobutadiene	15.500	225	30326	15.906	ug/l	97
95) Naphthalene	15.641	128	141301	16.406	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	52062	16.530	ug/l	99

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ClientSampleId :
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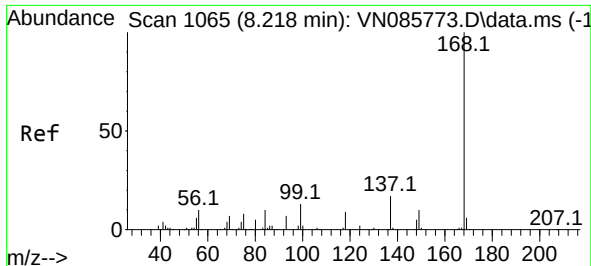
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

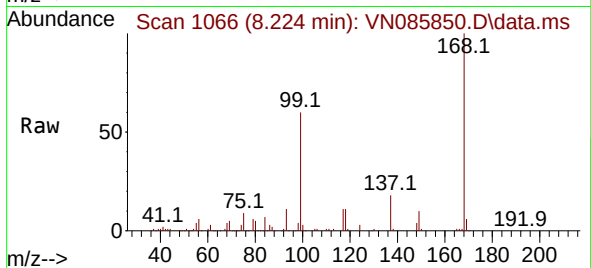
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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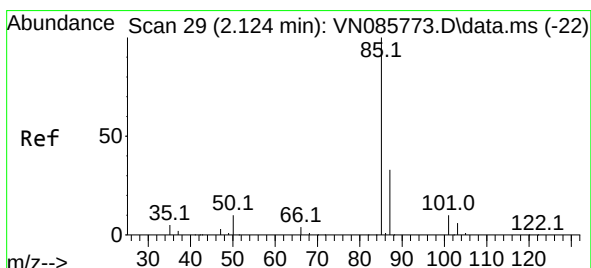
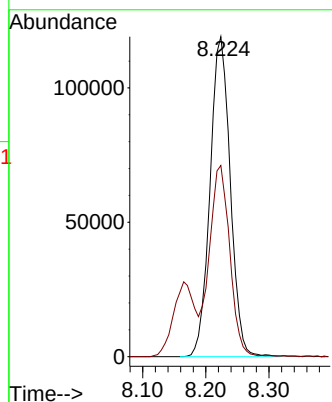
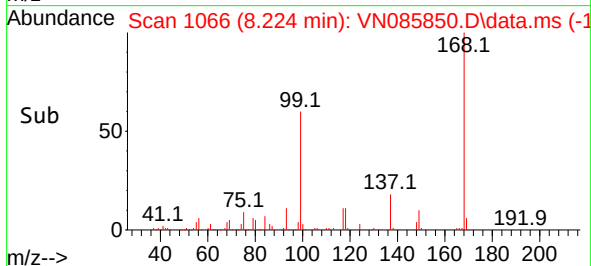
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



Tgt Ion:168 Resp: 26504
Ion Ratio Lower Upper
168 100
99 59.5 47.9 71.9

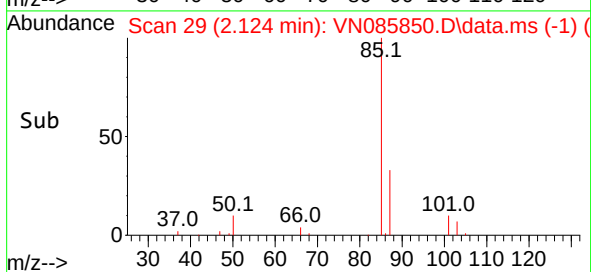
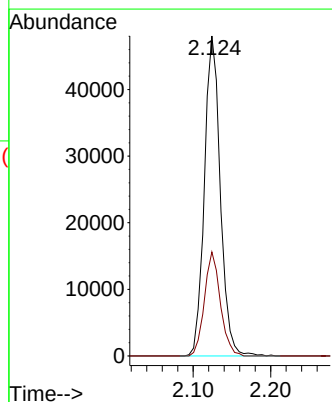
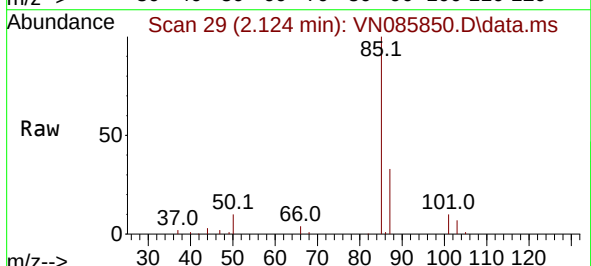
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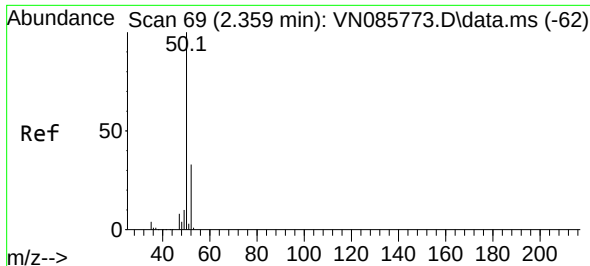
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#2
Dichlorodifluoromethane
Concen: 19.013 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

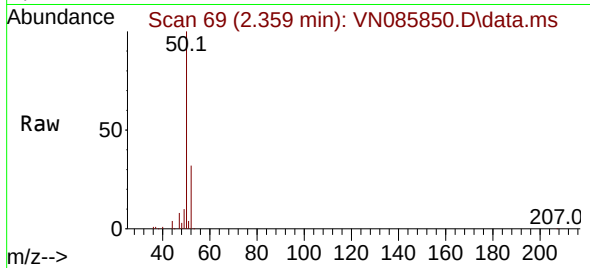
Tgt Ion: 85 Resp: 68544
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.2





#3
Chloromethane
Concen: 18.987 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

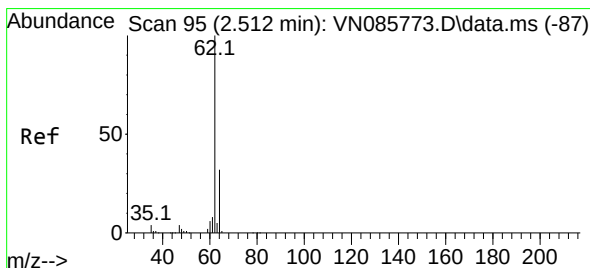
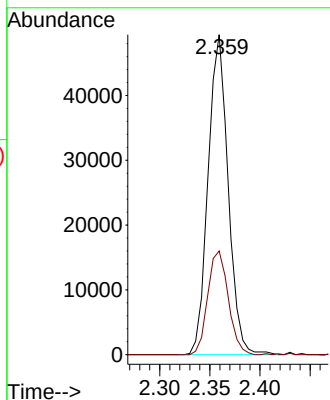
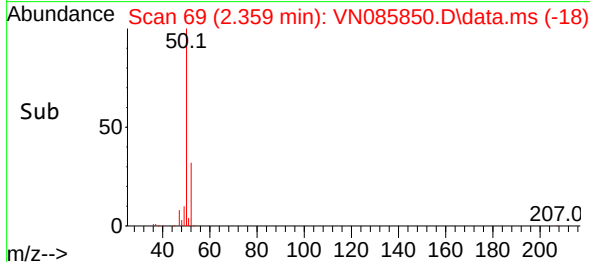
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Tgt Ion: 50 Resp: 68680
Ion Ratio Lower Upper
50 100
52 32.4 26.7 40.1

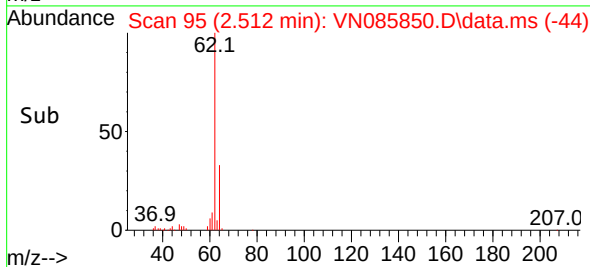
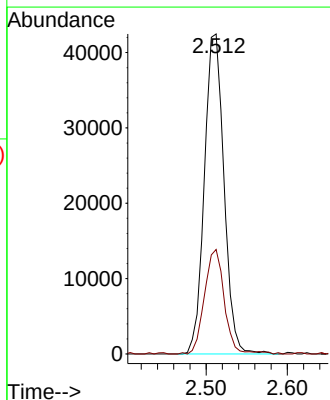
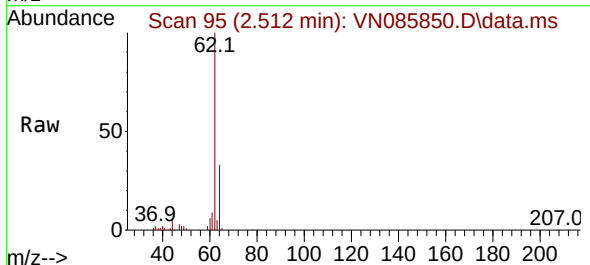
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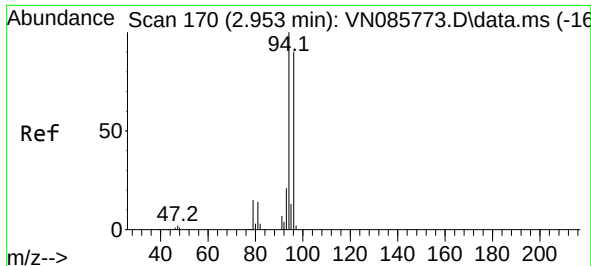
Reviewed By :John Carlone 02/26/2025
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#4
Vinyl Chloride
Concen: 18.592 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

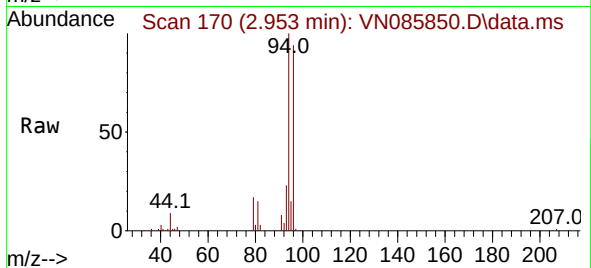
Tgt Ion: 62 Resp: 71212
Ion Ratio Lower Upper
62 100
64 32.7 25.9 38.9





#5
Bromomethane
Concen: 18.095 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085850.D
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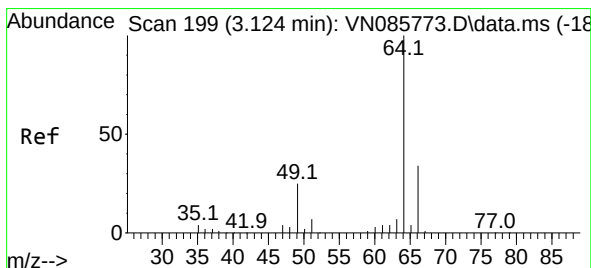
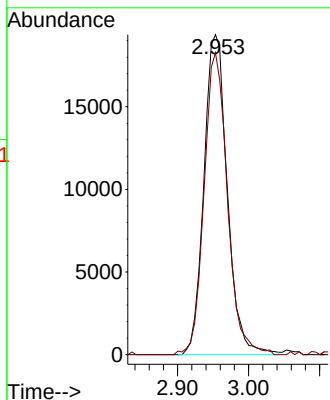
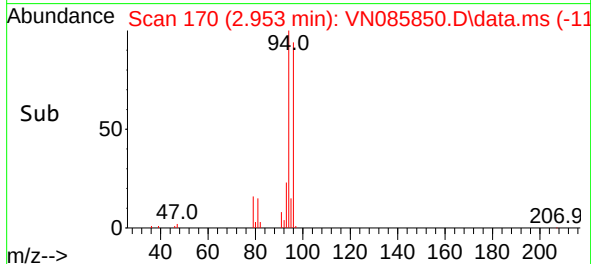
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Tgt Ion: 94 Resp: 44318
Ion Ratio Lower Upper
94 100
96 94.3 71.7 107.5

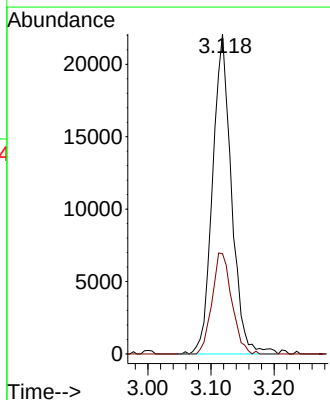
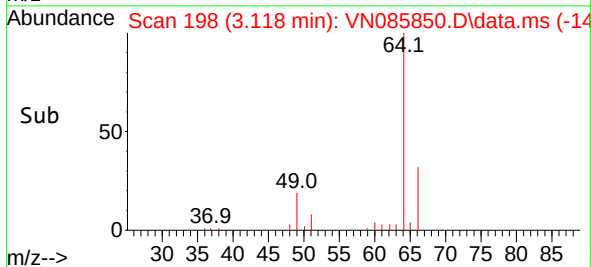
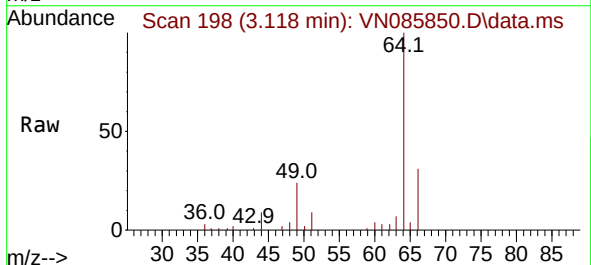
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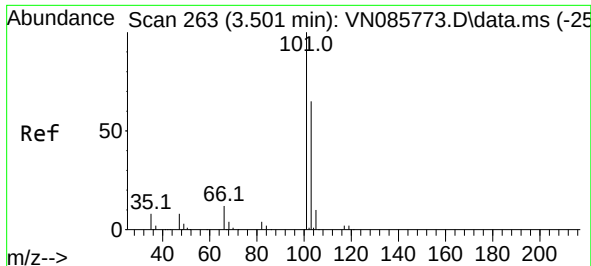
Reviewed By :John Carlone 02/26/2025
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#6
Chloroethane
Concen: 18.099 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
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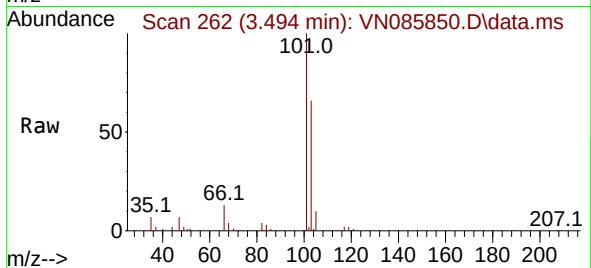
Tgt Ion: 64 Resp: 45920
Ion Ratio Lower Upper
64 100
66 31.4 27.0 40.6





#7
Trichlorofluoromethane
Concen: 18.789 ug/l
RT: 3.494 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

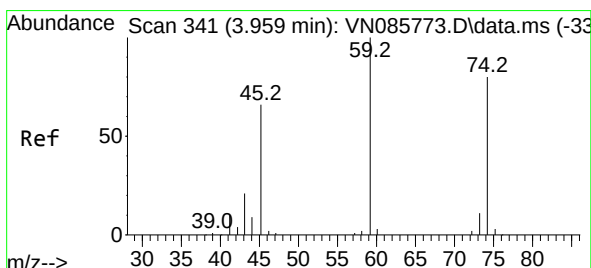
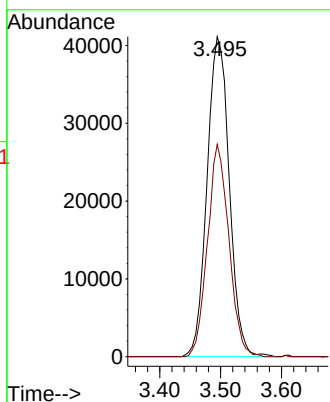
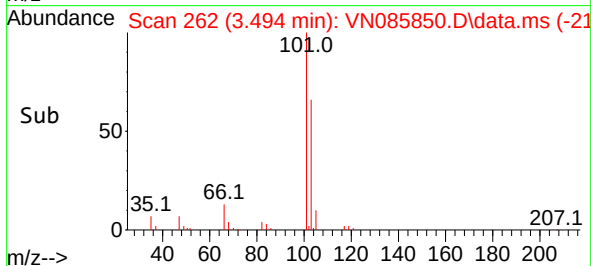
Instrument :
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Tgt Ion:101 Resp: 104194
Ion Ratio Lower Upper
101 100
103 66.4 52.2 78.4

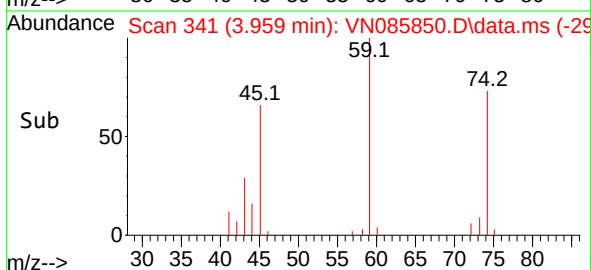
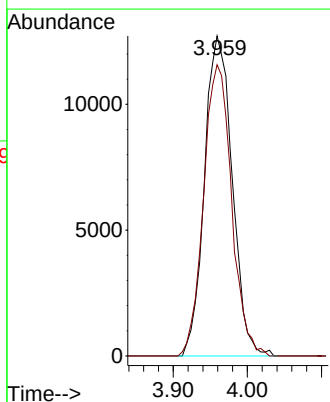
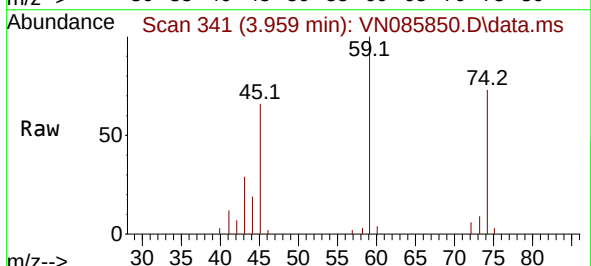
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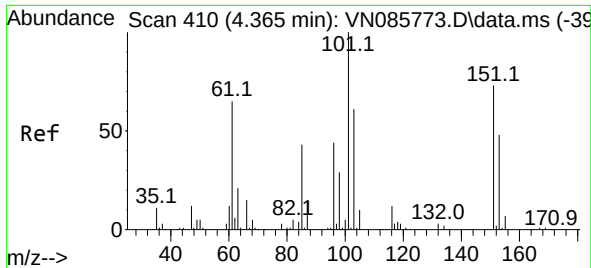
Reviewed By :John Carlone 02/26/2025
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#8
Diethyl Ether
Concen: 18.459 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 33122
Ion Ratio Lower Upper
74 100
45 91.7 42.5 127.6





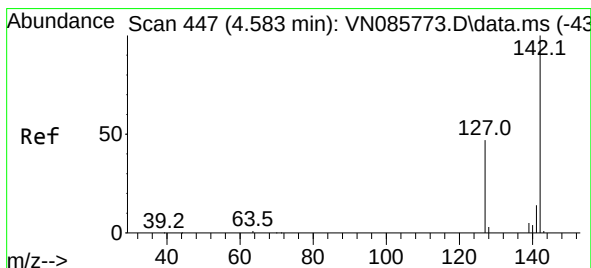
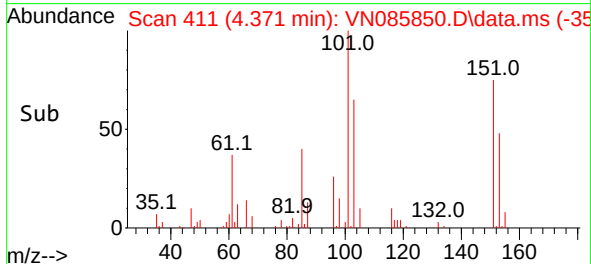
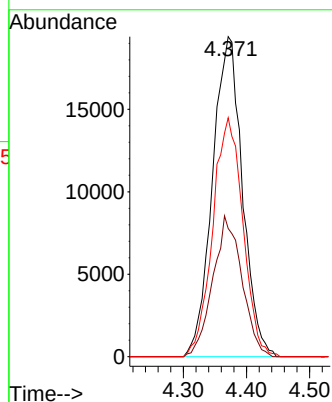
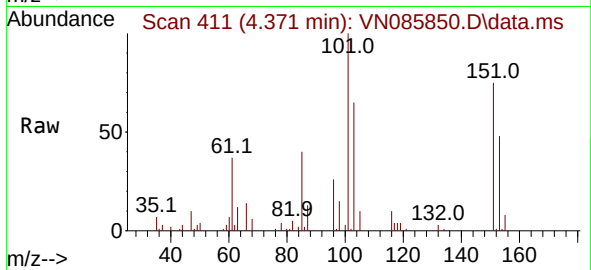
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.917 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion:101 Resp: 6384
Ion Ratio Lower Upper
101 100
85 42.6 35.7 53.5
151 75.2 61.4 92.2

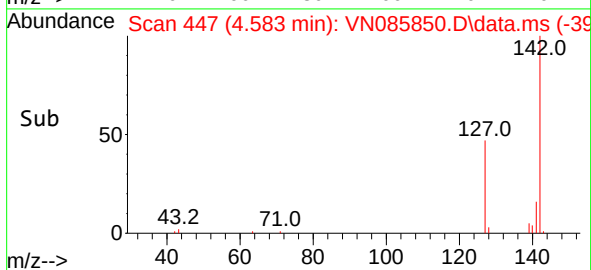
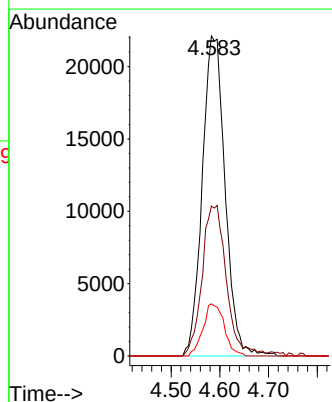
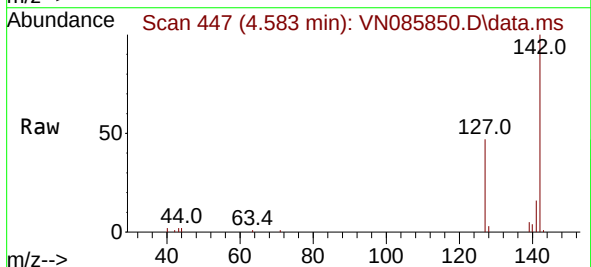
Manual Integrations
APPROVED

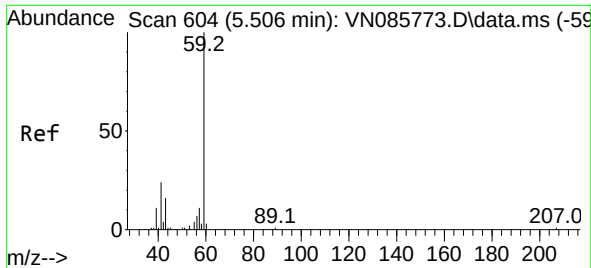
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#10
Methyl Iodide
Concen: 18.209 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

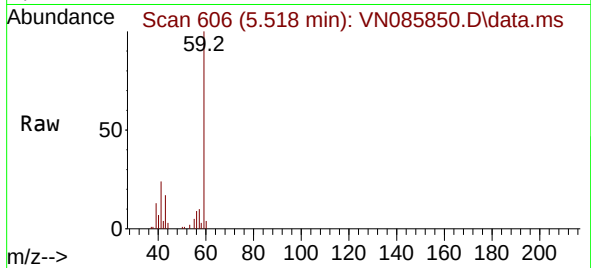
Tgt Ion:142 Resp: 71951
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 16.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 123.347 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

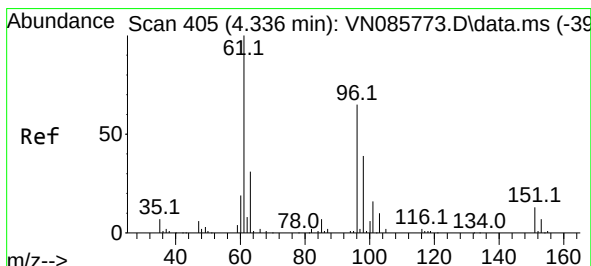
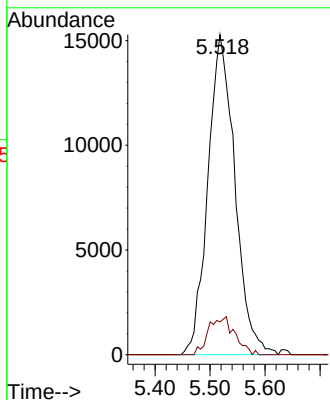
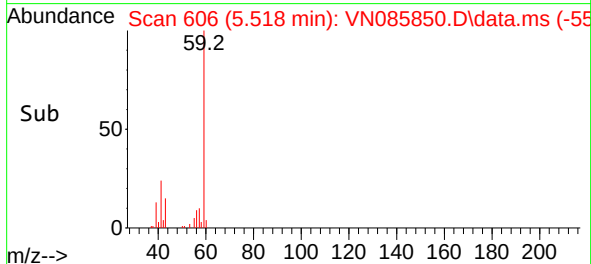
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



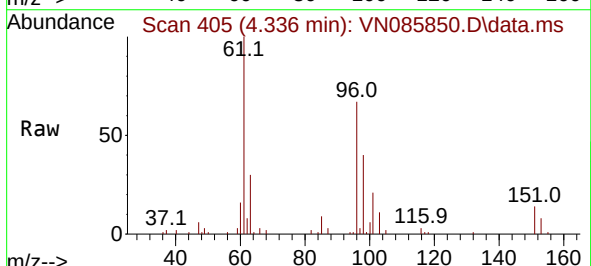
Tgt Ion: 59 Resp: 52130
Ion Ratio Lower Upper
59 100
57 11.5 8.3 12.5

Manual Integrations
APPROVED

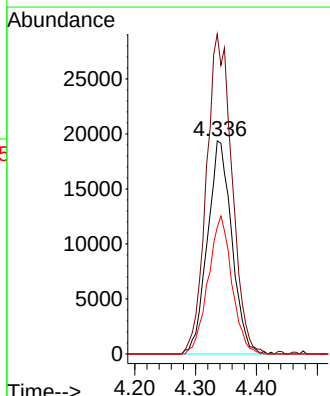
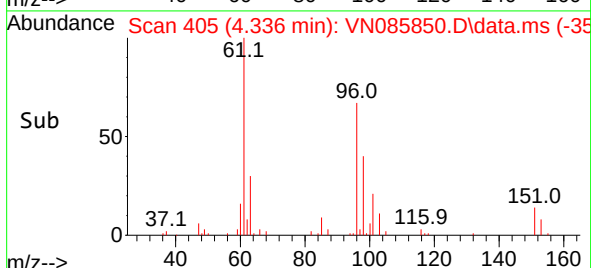
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

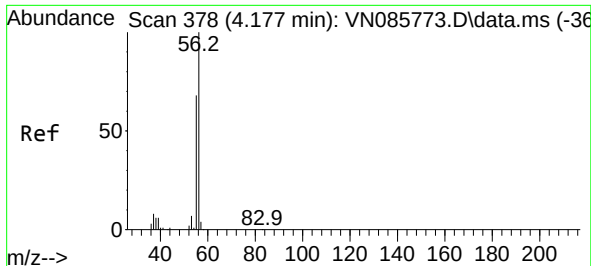


#12
1,1-Dichloroethene
Concen: 18.494 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14



Tgt Ion: 96 Resp: 53755
Ion Ratio Lower Upper
96 100
61 150.1 123.3 184.9
98 59.4 48.6 72.8





#13

Acrolein

Concen: 94.007 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN085850.D

Acq: 25 Feb 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

Tgt Ion: 56 Resp: 5891

Ion Ratio Lower Upper

56 100

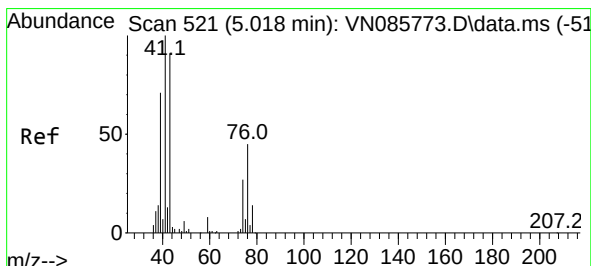
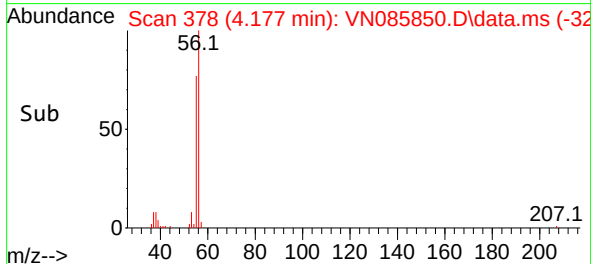
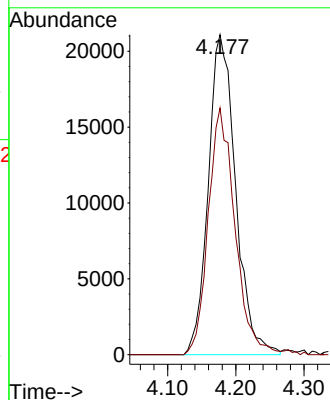
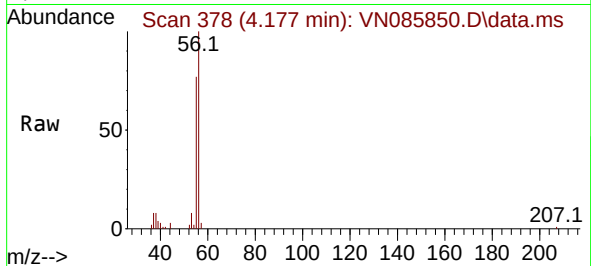
55 75.1 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#14

Allyl chloride

Concen: 17.828 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085850.D

Acq: 25 Feb 2025 12:14

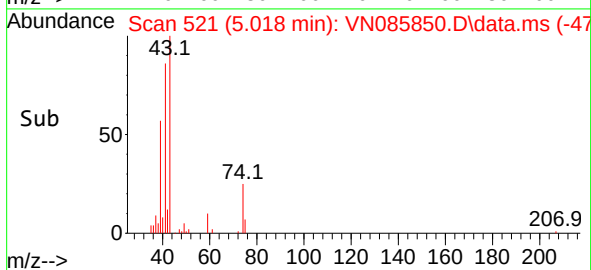
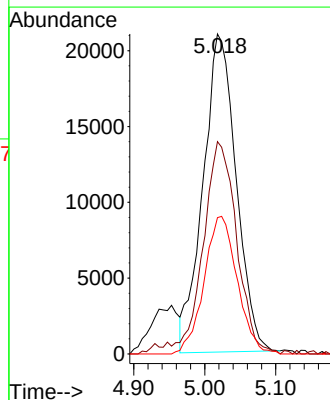
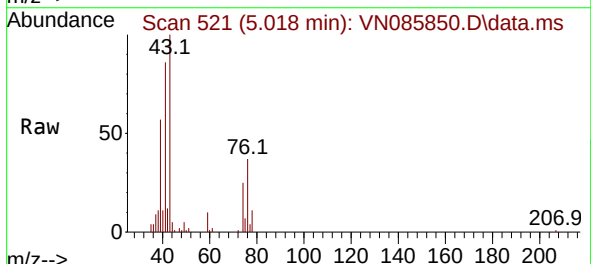
Tgt Ion: 41 Resp: 68034

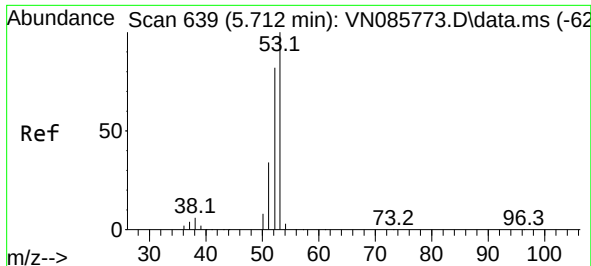
Ion Ratio Lower Upper

41 100

39 67.5 57.4 86.2

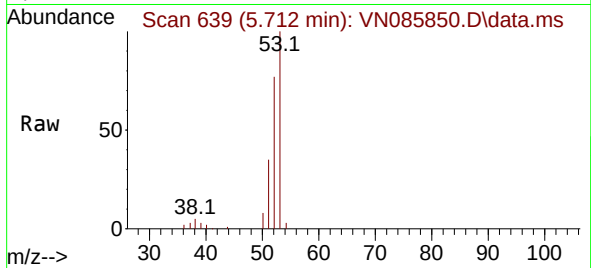
76 43.3 36.2 54.2





#15
Acrylonitrile
Concen: 114.679 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

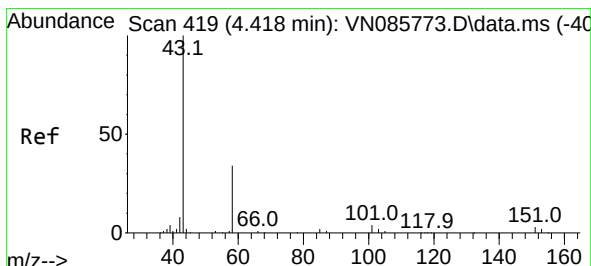
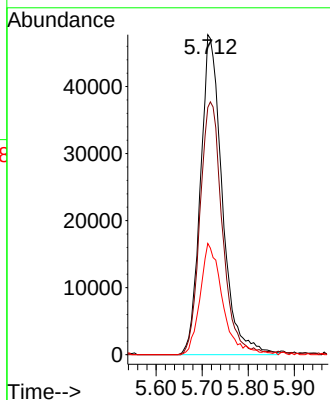
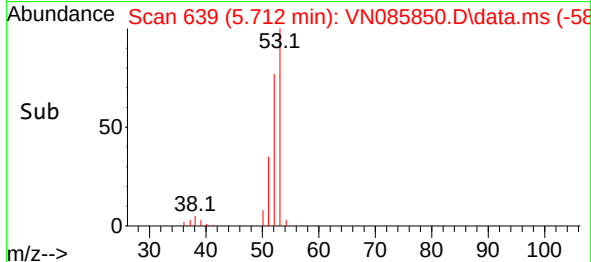
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



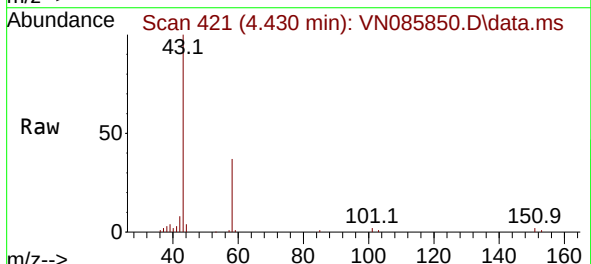
Tgt Ion: 53 Resp: 157560
Ion Ratio Lower Upper
53 100
52 80.8 65.8 98.6
51 35.6 28.6 42.8

Manual Integrations
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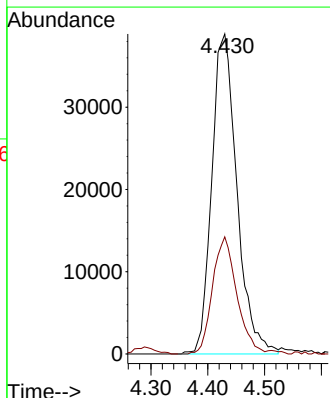
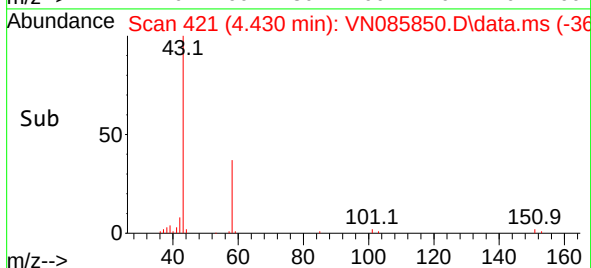
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

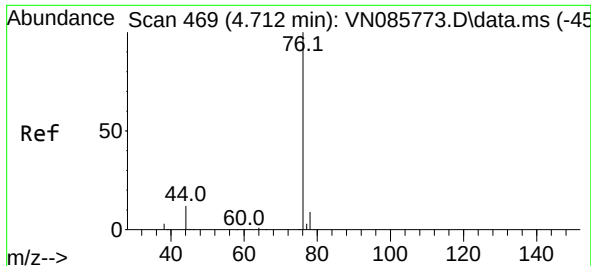


#16
Acetone
Concen: 109.981 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14



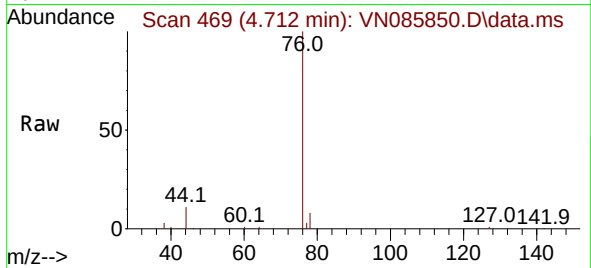
Tgt Ion: 43 Resp: 119579
Ion Ratio Lower Upper
43 100
58 36.6 27.5 41.3





#17
Carbon Disulfide
Concen: 17.110 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

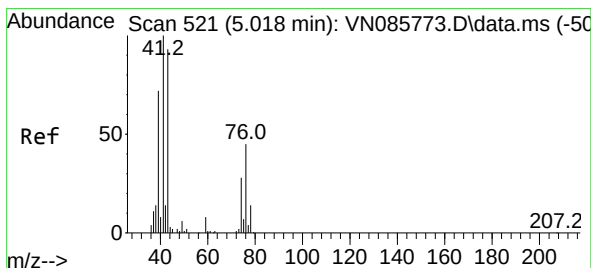
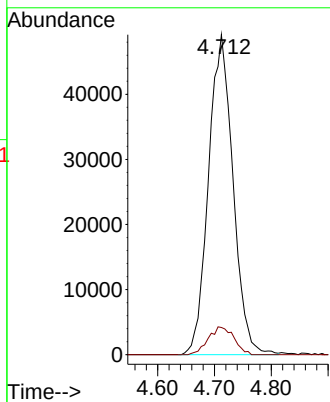
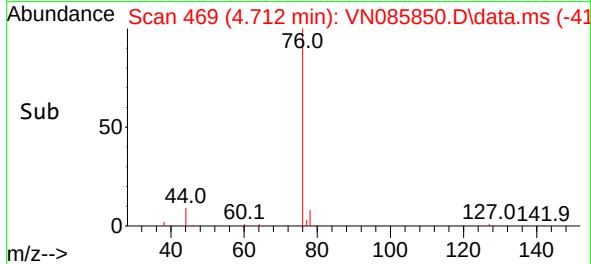
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



Tgt Ion: 76 Resp: 14738
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

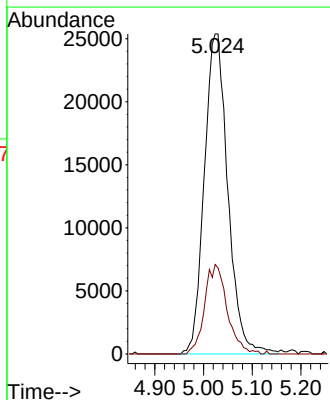
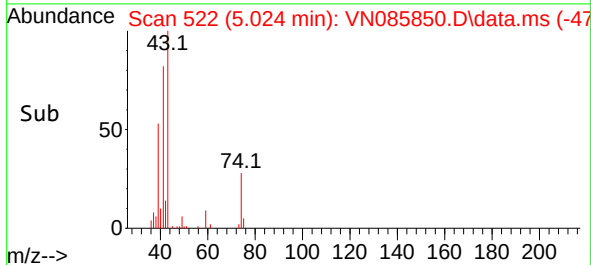
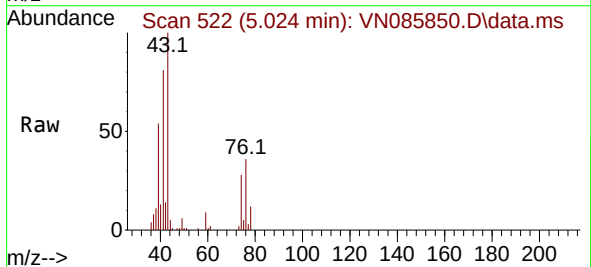
Manual Integrations
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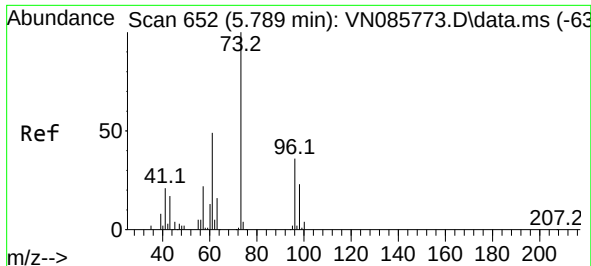
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#18
Methyl Acetate
Concen: 22.795 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

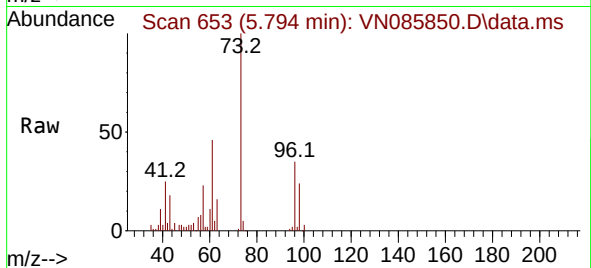
Tgt Ion: 43 Resp: 85245
Ion Ratio Lower Upper
43 100
74 26.8 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 19.437 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

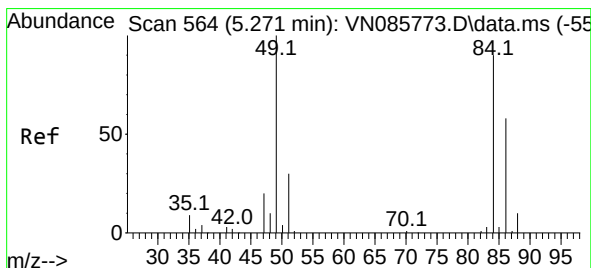
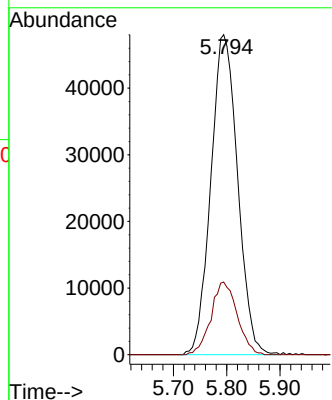
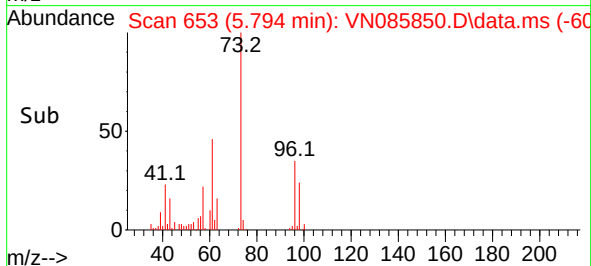
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



Tgt Ion: 73 Resp: 16788
Ion Ratio Lower Upper
73 100
57 22.7 17.6 26.4

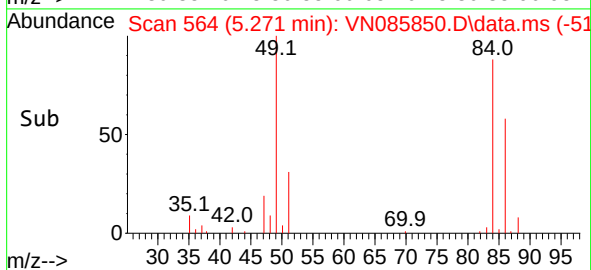
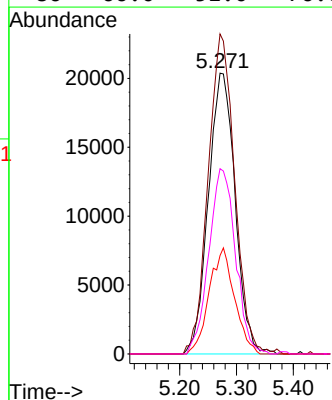
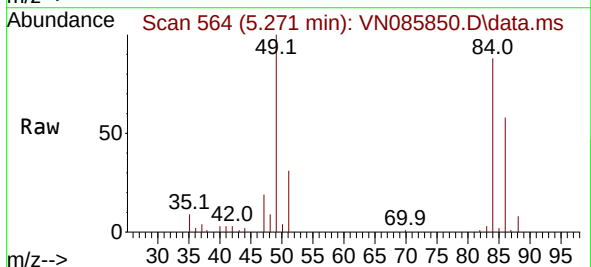
Manual Integrations
APPROVED

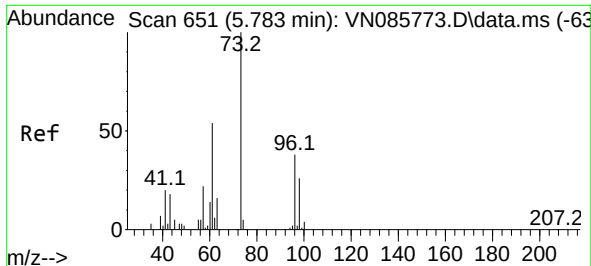
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#20
Methylene Chloride
Concen: 19.093 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

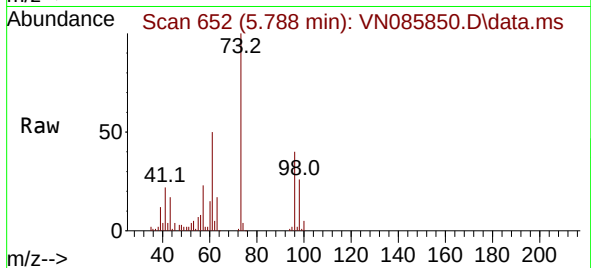
Tgt Ion: 84 Resp: 66760
Ion Ratio Lower Upper
84 100
49 113.9 88.4 132.6
51 35.0 26.6 40.0
86 66.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.816 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

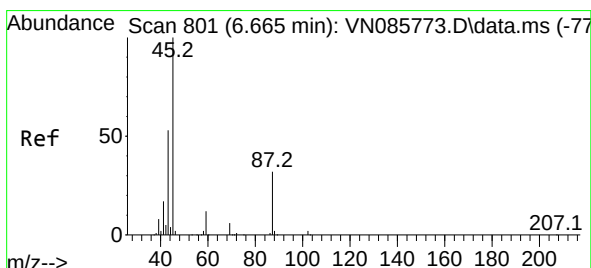
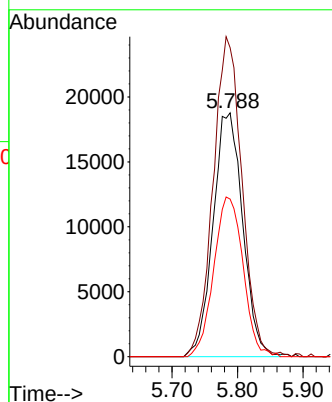
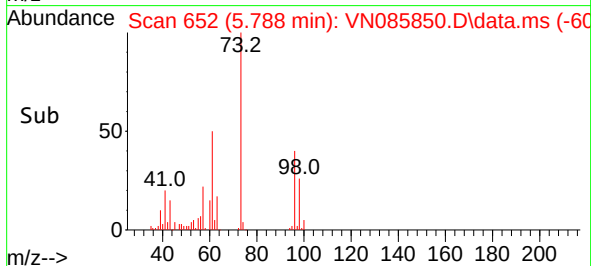
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



Tgt Ion: 96 Resp: 5888
Ion Ratio Lower Upper
96 100
61 126.7 112.6 168.8
98 64.6 53.3 79.9

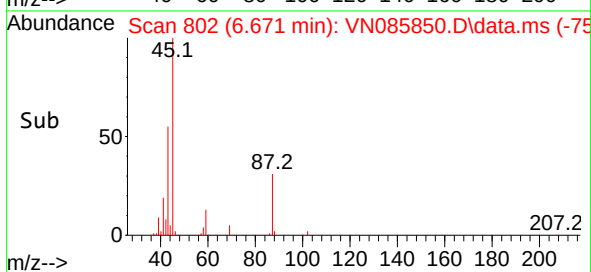
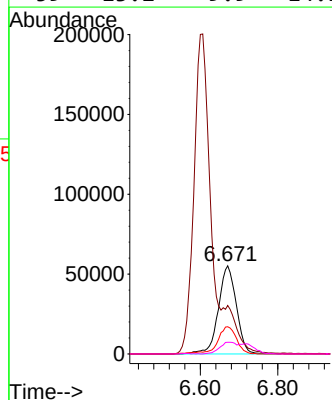
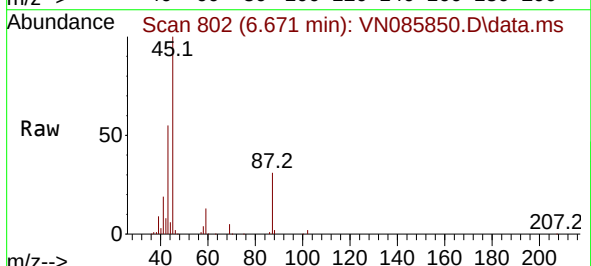
Manual Integrations
APPROVED

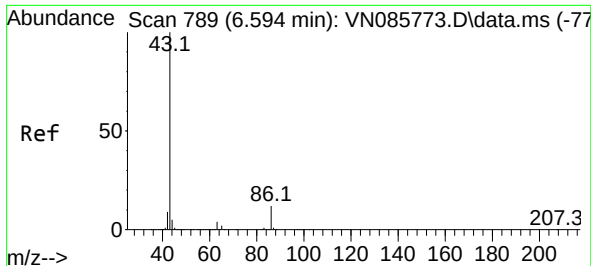
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#22
Diisopropyl ether
Concen: 20.553 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

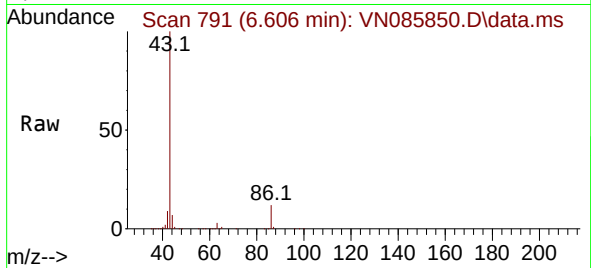
Tgt Ion: 45 Resp: 177222
Ion Ratio Lower Upper
45 100
43 54.3 42.6 64.0
87 30.8 25.8 38.8
59 13.2 9.9 14.9





#23
 Vinyl Acetate
 Concen: 96.582 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN085850.D
 Acq: 25 Feb 2025 12:14

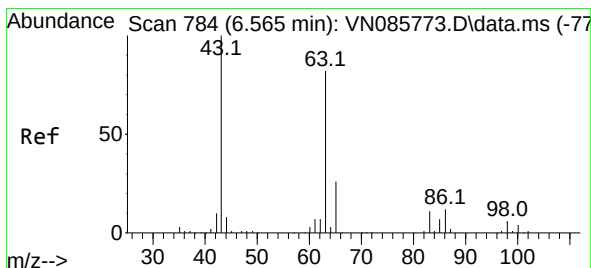
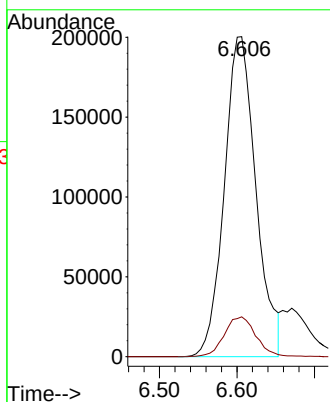
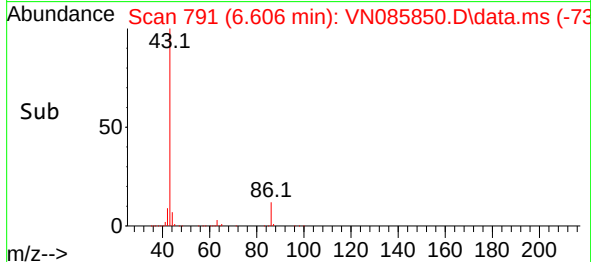
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01



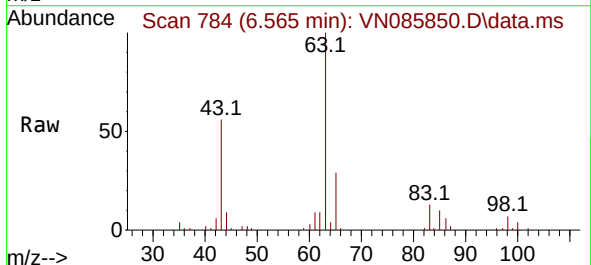
Tgt Ion: 43 Resp: 570225
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.8

Manual Integrations
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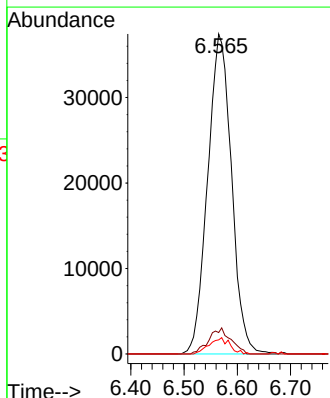
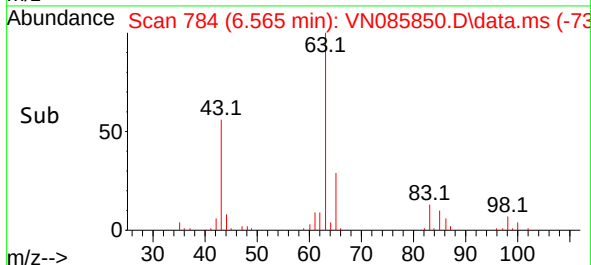
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025

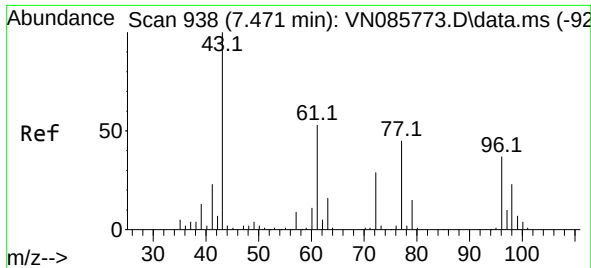


#24
 1,1-Dichloroethane
 Concen: 19.857 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085850.D
 Acq: 25 Feb 2025 12:14



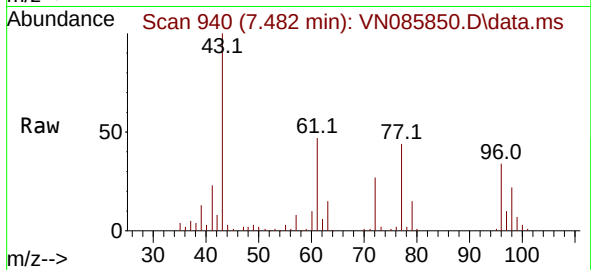
Tgt Ion: 63 Resp: 116398
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.4 2.4 7.2





#25
2-Butanone
Concen: 114.401 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

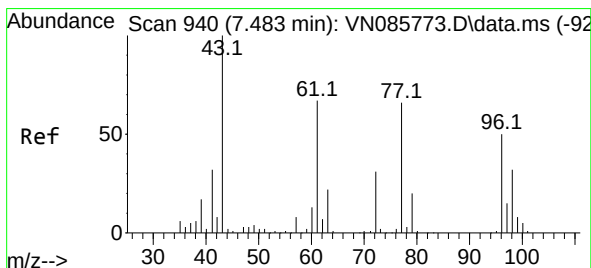
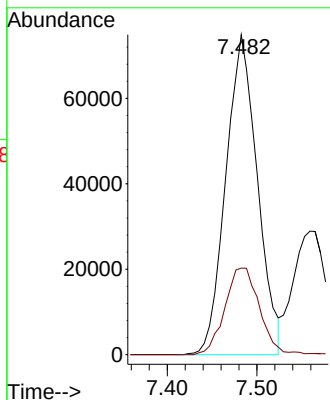
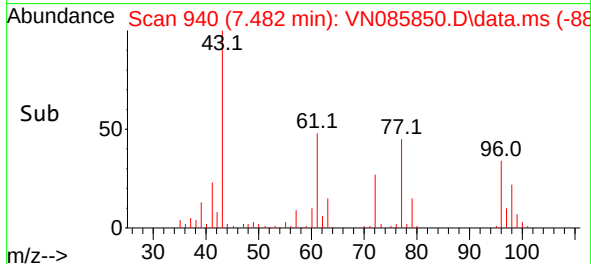
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



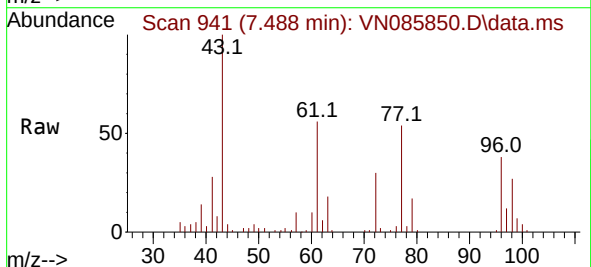
Tgt Ion: 43 Resp: 182994
Ion Ratio Lower Upper
43 100
72 27.1 23.6 35.4

Manual Integrations
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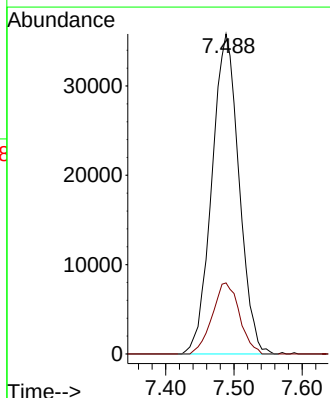
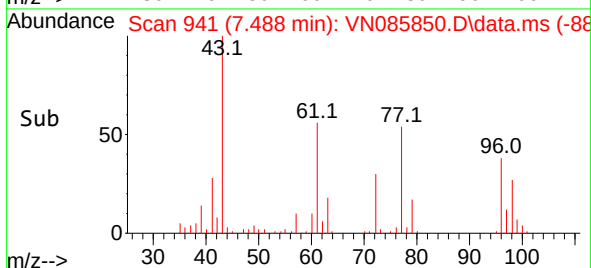
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

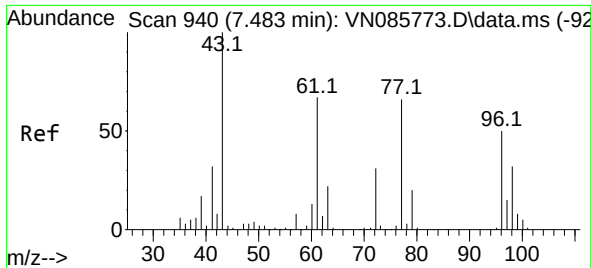


#26
2,2-Dichloropropane
Concen: 19.049 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14



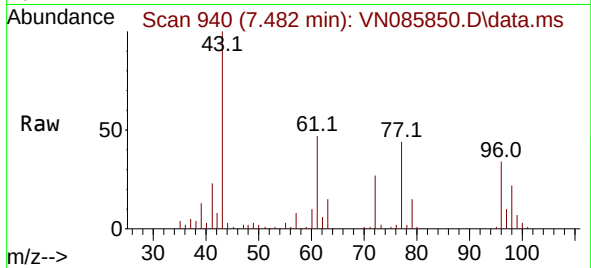
Tgt Ion: 77 Resp: 99289
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.276 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085850.D
 Acq: 25 Feb 2025 12:14

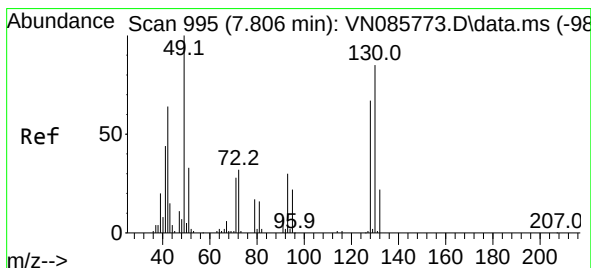
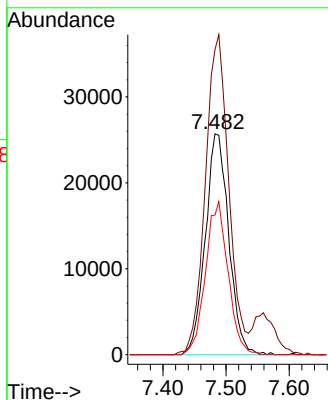
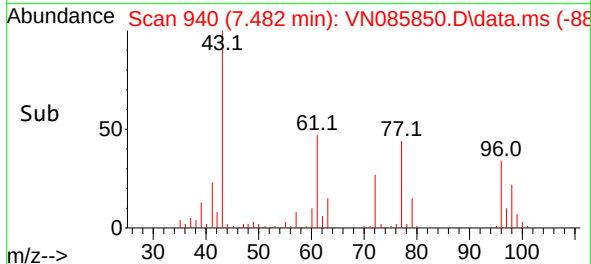
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01



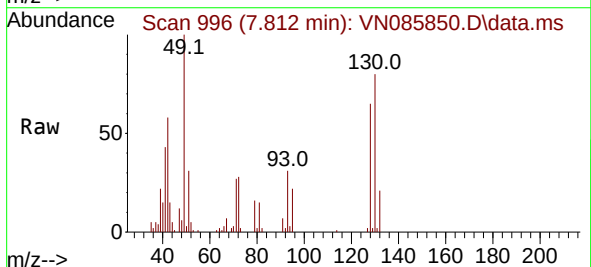
Tgt Ion: 96 Resp: 6632
 Ion Ratio Lower Upper
 96 100
 61 144.6 0.0 280.6
 98 66.6 0.0 128.6

Manual Integrations
 APPROVED

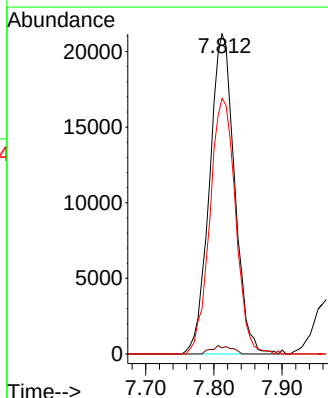
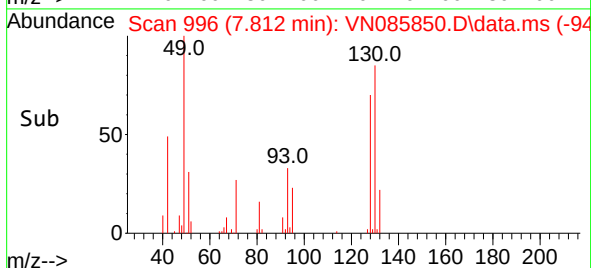
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025

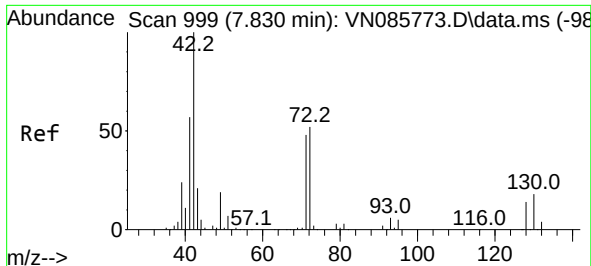


#28
 Bromochloromethane
 Concen: 22.507 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085850.D
 Acq: 25 Feb 2025 12:14



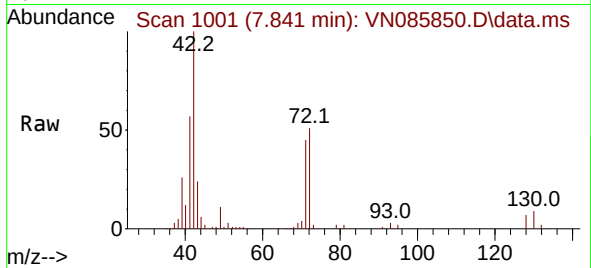
Tgt Ion: 49 Resp: 54225
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 81.5 68.0 102.0





#29
Tetrahydrofuran
Concen: 121.101 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

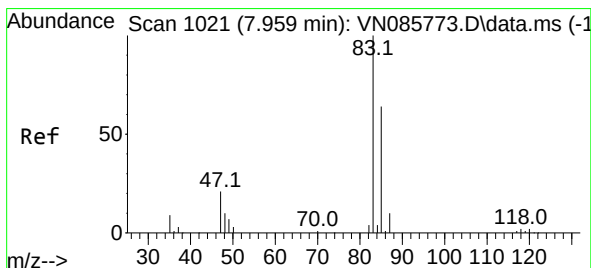
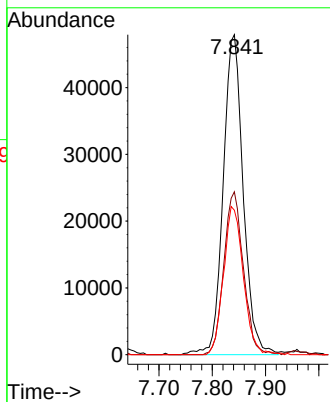
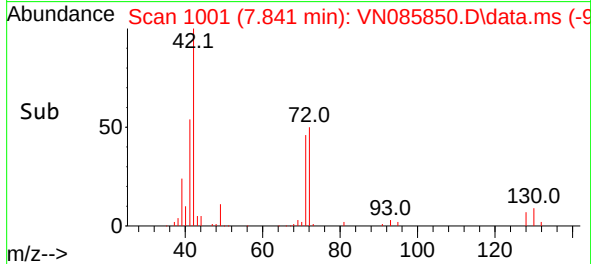
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



Tgt Ion: 42 Resp: 125088
Ion Ratio Lower Upper
42 100
72 49.9 40.0 60.0
71 46.1 37.0 55.4

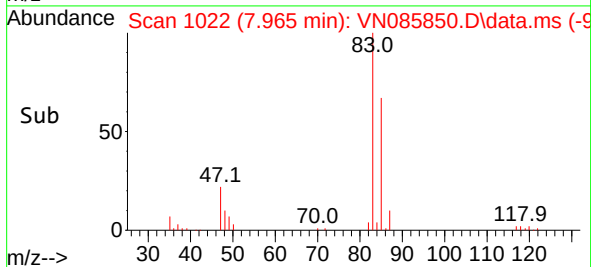
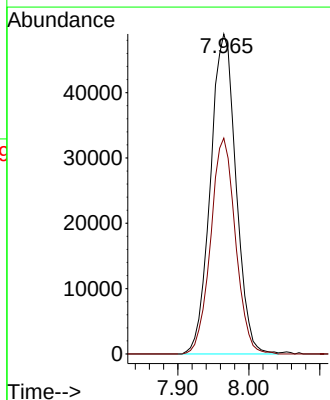
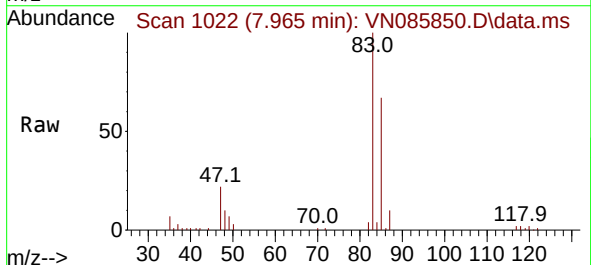
Manual Integrations
APPROVED

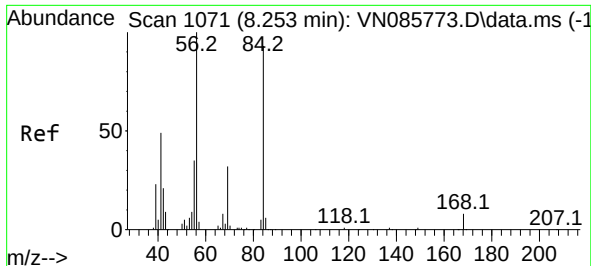
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#30
Chloroform
Concen: 19.936 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

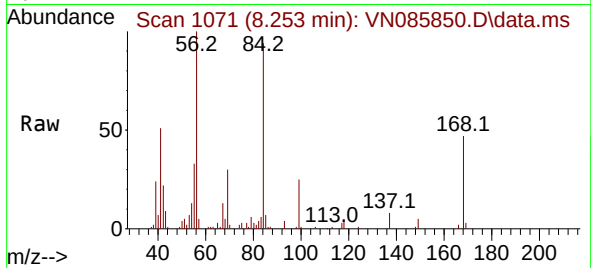
Tgt Ion: 83 Resp: 122120
Ion Ratio Lower Upper
83 100
85 67.4 50.9 76.3





#31
Cyclohexane
Concen: 17.203 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

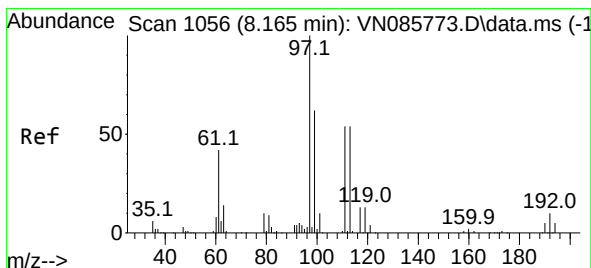
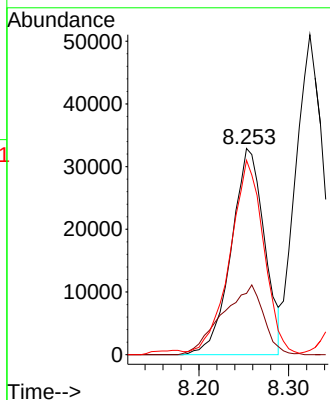
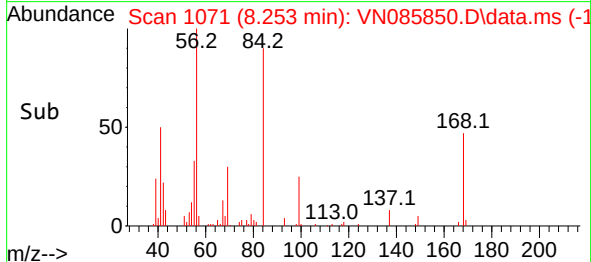
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



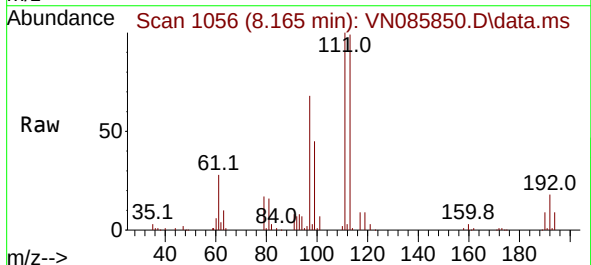
Tgt Ion: 56 Resp: 84430
Ion Ratio Lower Upper
56 100
69 29.7 25.8 38.6
84 92.1 74.5 111.7

Manual Integrations
APPROVED

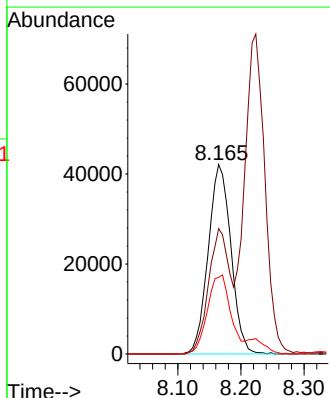
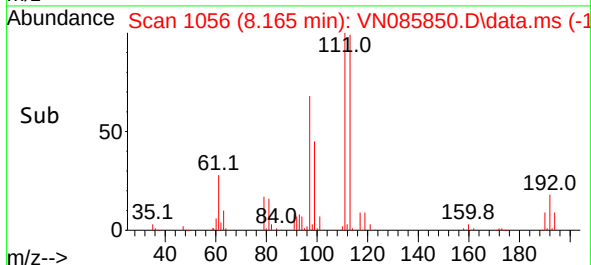
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

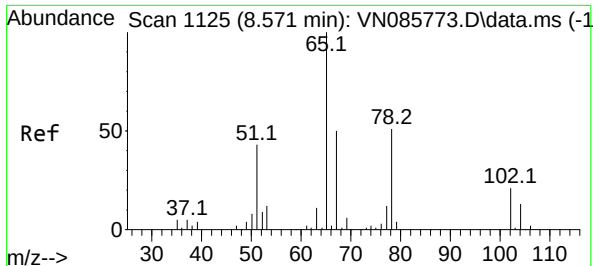


#32
1,1,1-Trichloroethane
Concen: 19.320 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14



Tgt Ion: 97 Resp: 105264
Ion Ratio Lower Upper
97 100
99 62.0 50.4 75.6
61 43.0 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 50.134 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085850.D

Acq: 25 Feb 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

Tgt Ion: 65 Resp: 172269

Ion Ratio Lower Upper

65 100

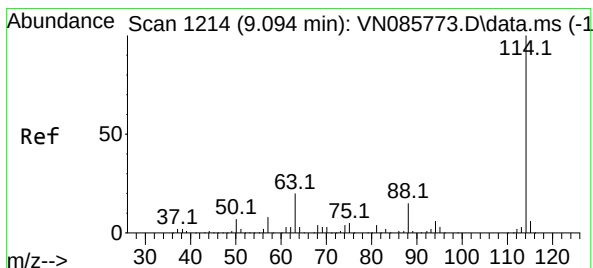
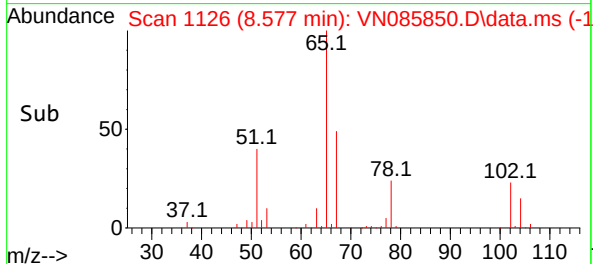
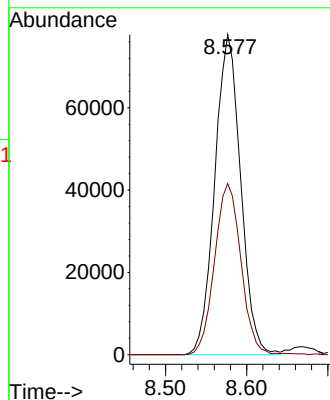
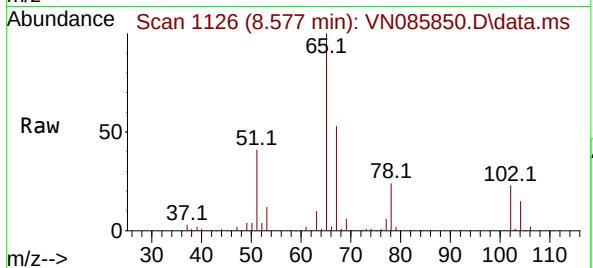
67 54.5 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085850.D

Acq: 25 Feb 2025 12:14

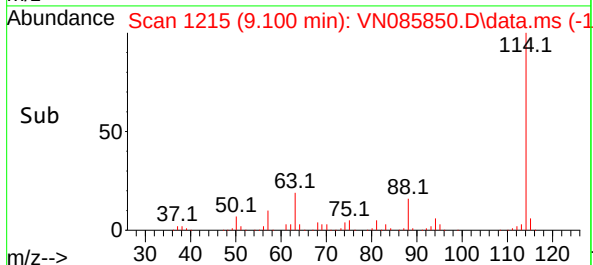
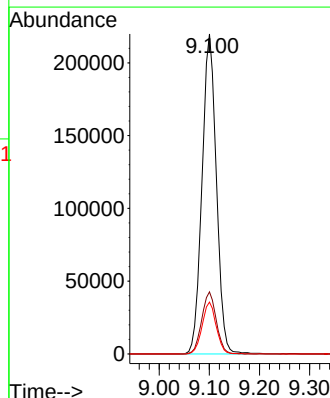
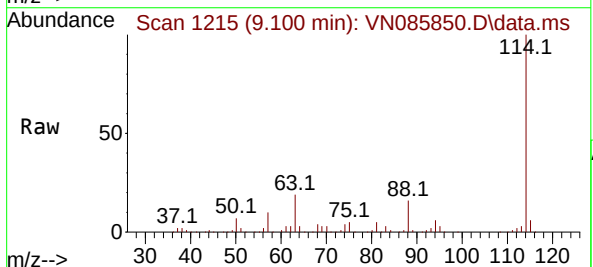
Tgt Ion:114 Resp: 437697

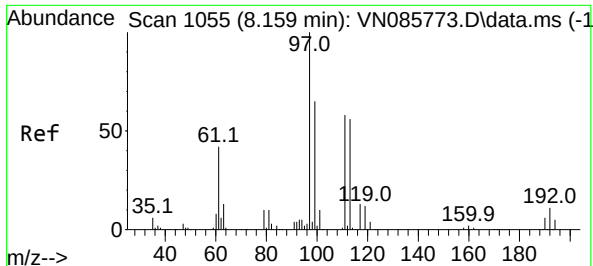
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

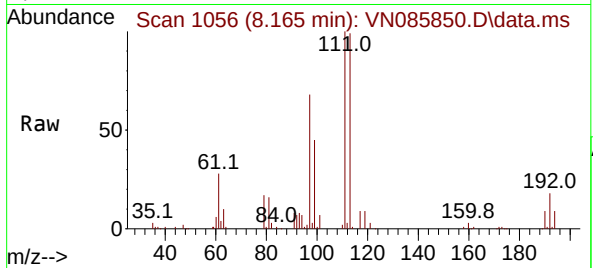
88 16.2 0.0 30.0





#35
Dibromofluoromethane
Concen: 51.787 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

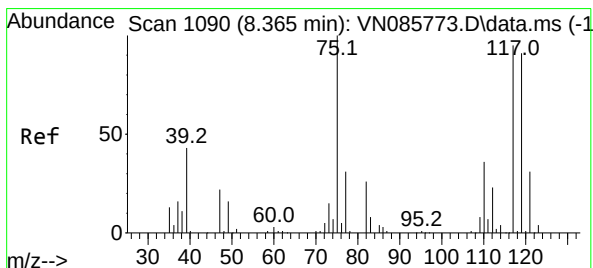
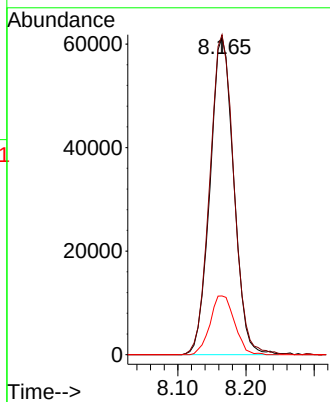
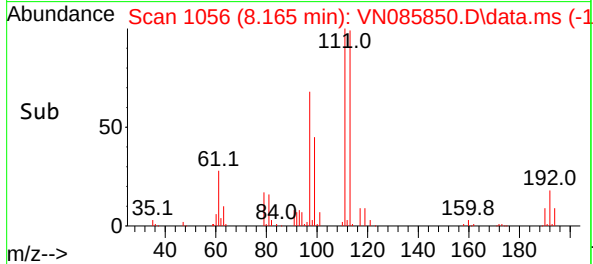
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



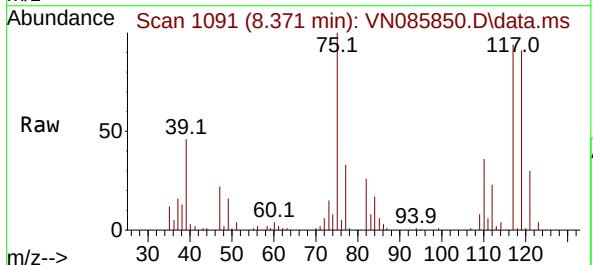
Tgt Ion: 113 Resp: 14832
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 19.1 14.7 22.1

Manual Integrations
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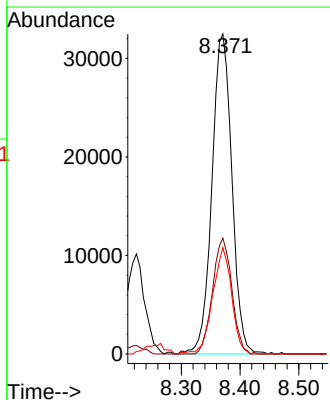
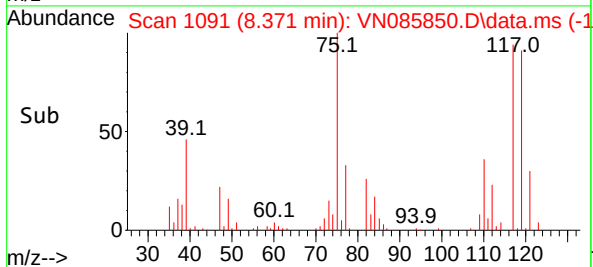
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

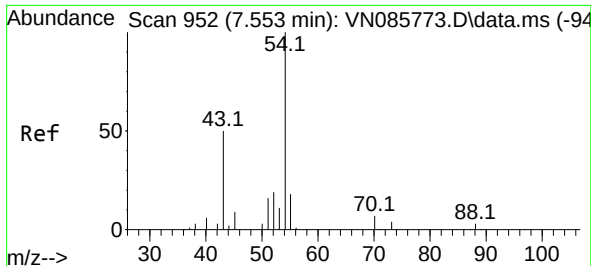


#36
1,1-Dichloropropene
Concen: 18.916 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14



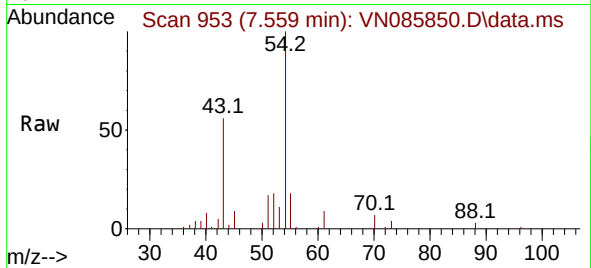
Tgt Ion: 75 Resp: 76675
Ion Ratio Lower Upper
75 100
110 35.0 17.3 52.0
77 31.6 24.6 37.0





#37
Ethyl Acetate
Concen: 23.517 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

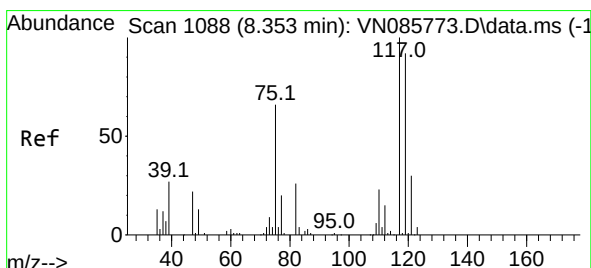
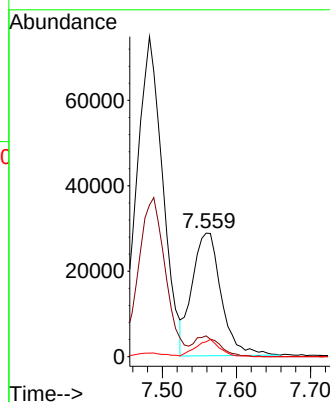
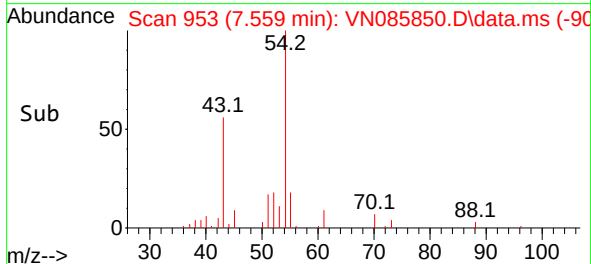
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



Tgt Ion: 43 Resp: 7844
Ion Ratio Lower Upper
43 100
61 14.7 12.2 18.2
70 11.5 9.5 14.3

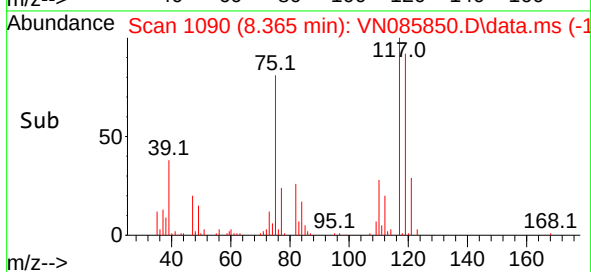
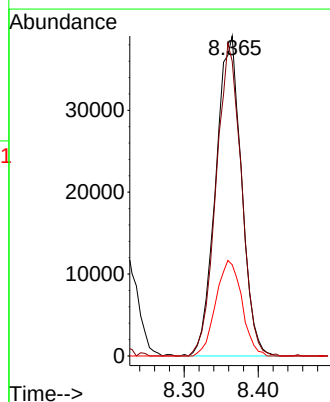
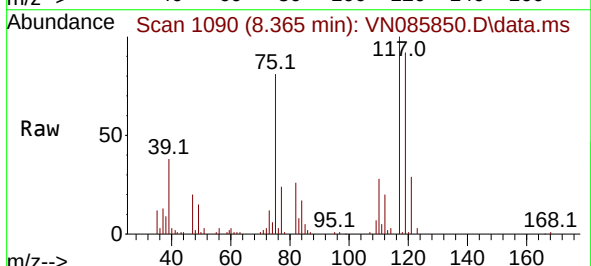
Manual Integrations
APPROVED

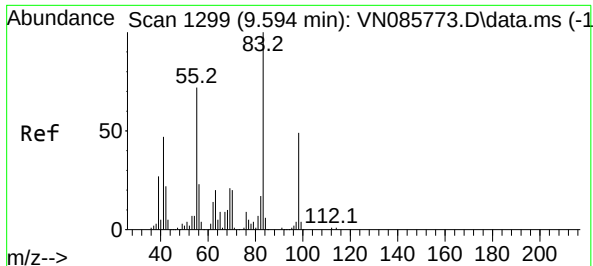
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#38
Carbon Tetrachloride
Concen: 19.539 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.012 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Tgt Ion:117 Resp: 94107
Ion Ratio Lower Upper
117 100
119 92.1 73.8 110.6
121 28.5 24.3 36.5





#39

Methylcyclohexane

Concen: 16.899 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085850.D

Acq: 25 Feb 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

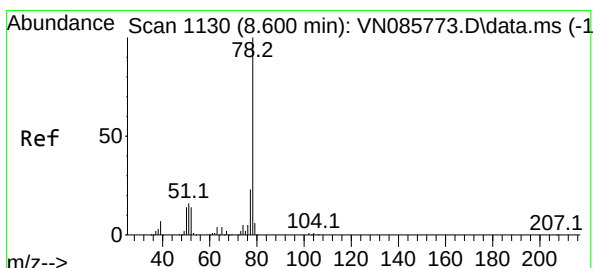
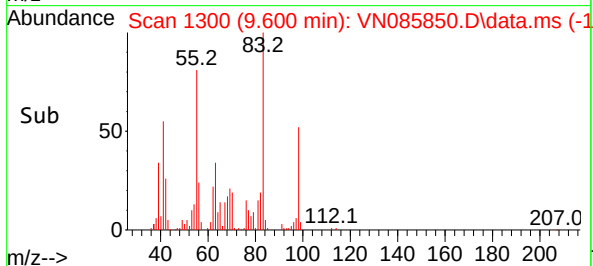
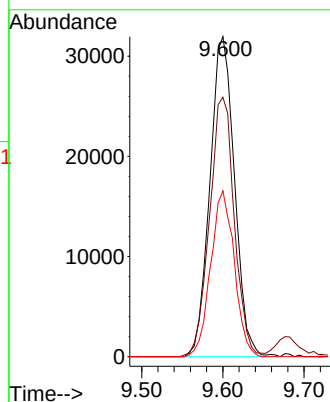
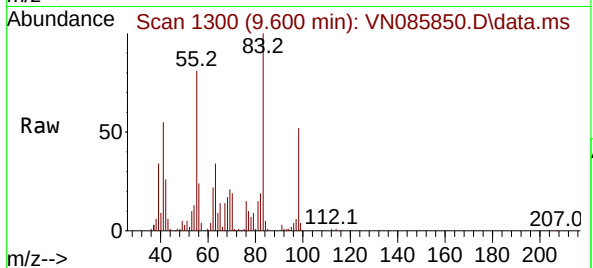
Tgt Ion: 83	Resp: 6729
Ion Ratio	Lower Upper
83	100
55	81.1 57.5 86.3
98	51.9 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#40

Benzene

Concen: 19.766 ug/l

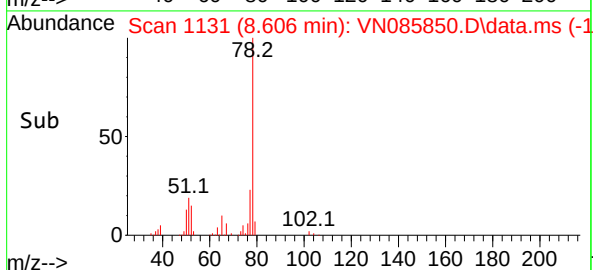
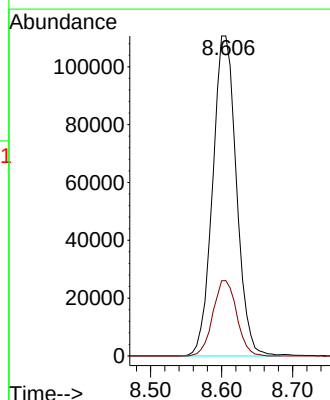
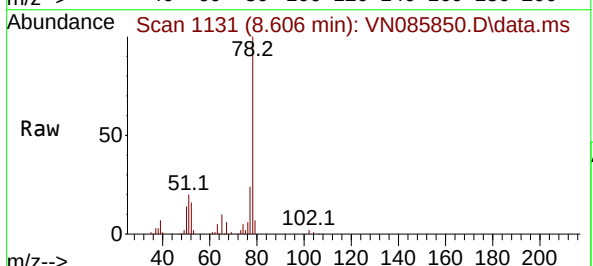
RT: 8.606 min Scan# 1131

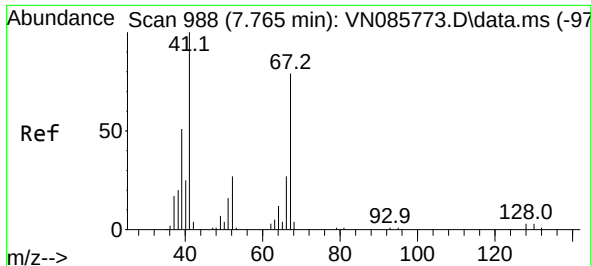
Delta R.T. 0.006 min

Lab File: VN085850.D

Acq: 25 Feb 2025 12:14

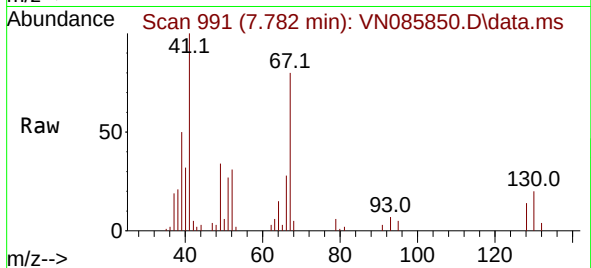
Tgt Ion: 78	Resp: 256795
Ion Ratio	Lower Upper
78	100
77	23.6 18.3 27.5





#41
Methacrylonitrile
Concen: 22.080 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.018 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

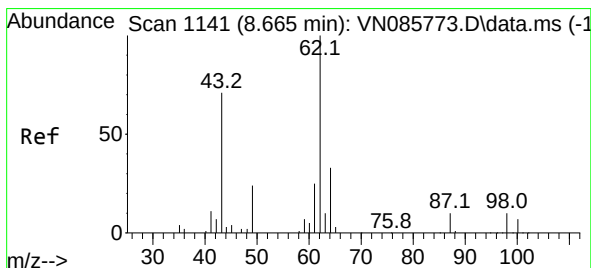
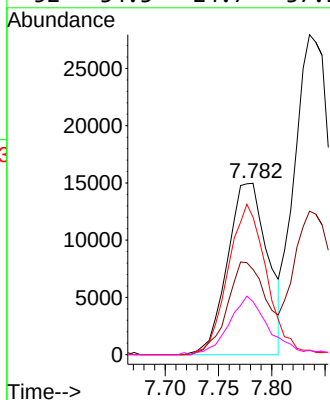
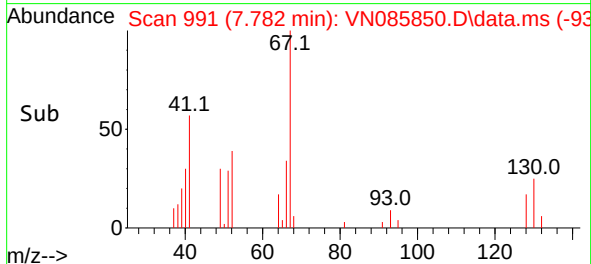
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



Tgt Ion: 41 Resp: 39374
Ion Ratio Lower Upper
41 100
39 53.0 42.0 63.0
67 84.2 64.2 96.4
52 34.3 24.7 37.1

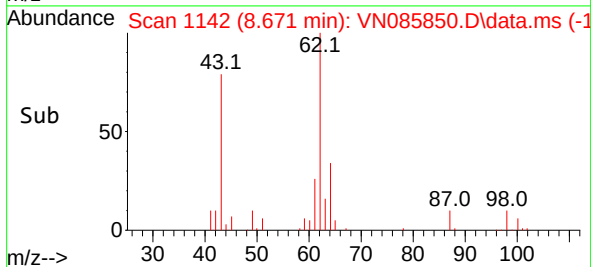
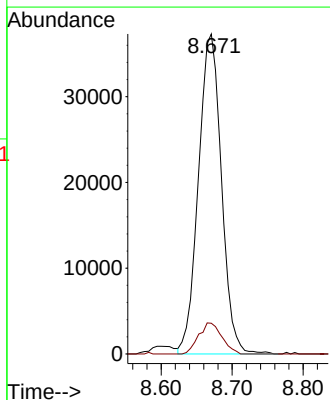
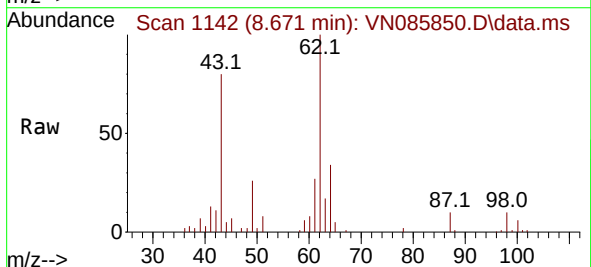
Manual Integrations
APPROVED

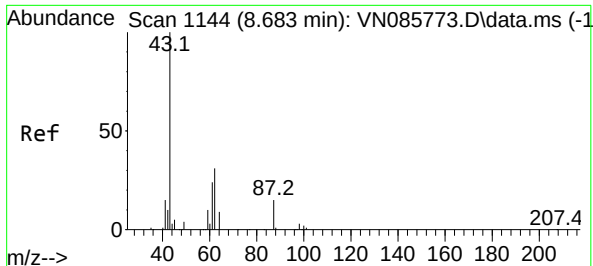
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#42
1,2-Dichloroethane
Concen: 19.905 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

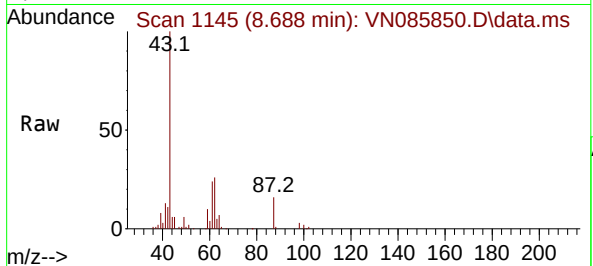
Tgt Ion: 62 Resp: 84230
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 21.383 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

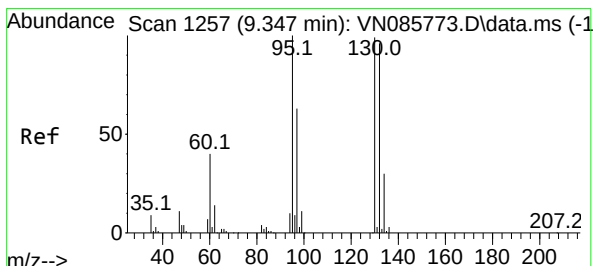
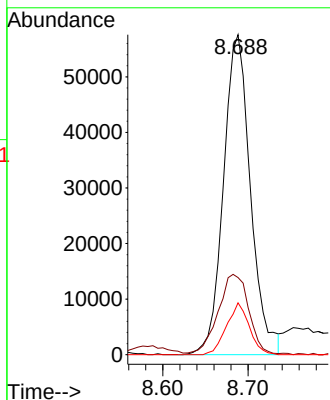
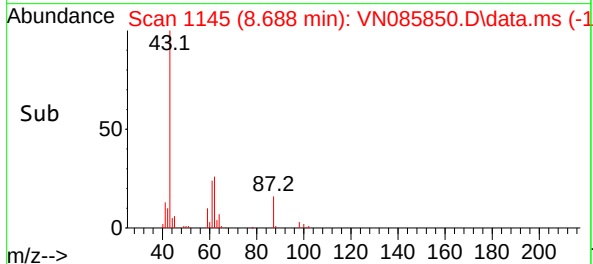
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



Tgt Ion: 43 Resp: 127009
Ion Ratio Lower Upper
43 100
61 28.7 22.6 34.0
87 13.6 11.8 17.8

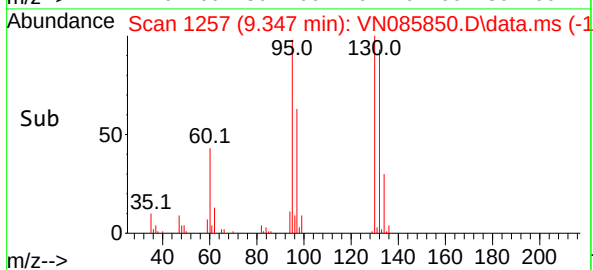
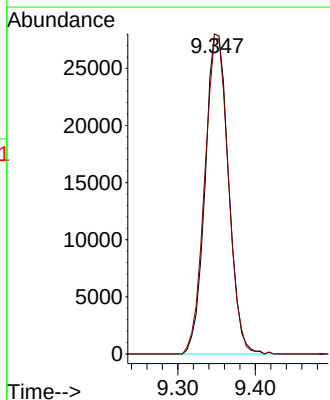
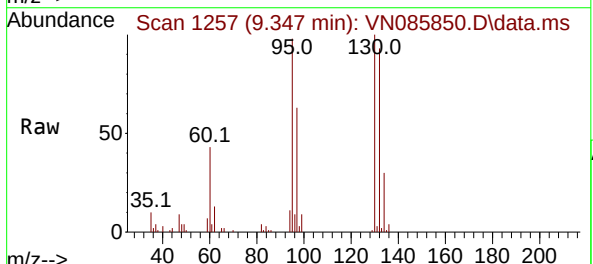
Manual Integrations
APPROVED

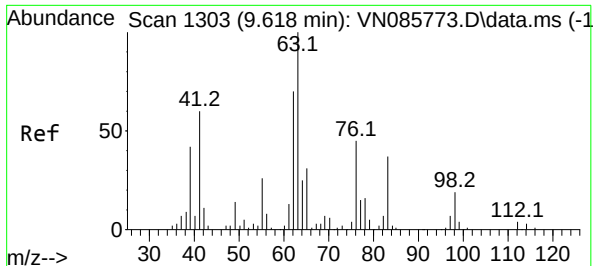
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#44
Trichloroethene
Concen: 18.377 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Tgt Ion:130 Resp: 58620
Ion Ratio Lower Upper
130 100
95 98.5 0.0 202.6





#45

1,2-Dichloropropane

Concen: 20.187 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085850.D

Acq: 25 Feb 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

Tgt Ion: 63 Resp: 63300

Ion Ratio Lower Upper

63 100

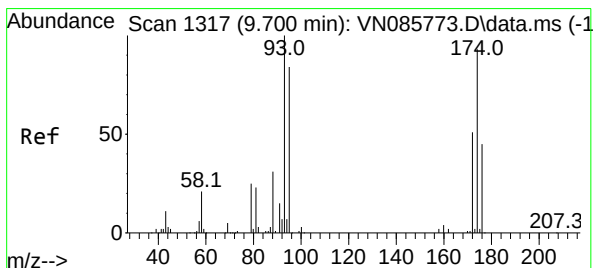
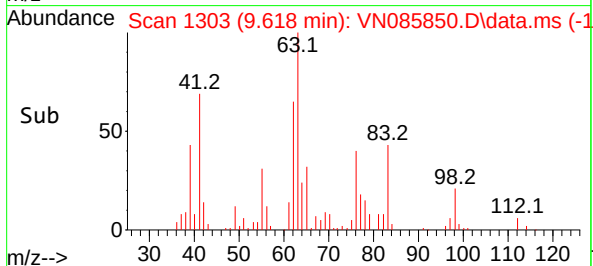
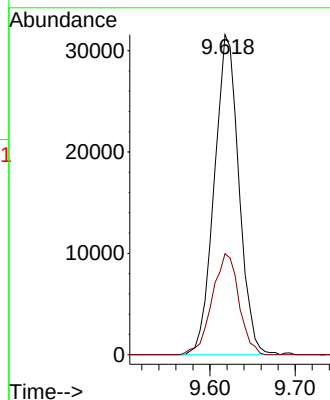
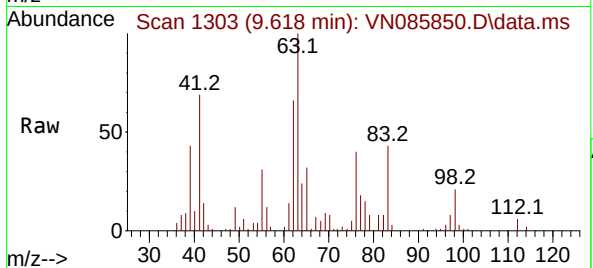
65 31.6 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#46

Dibromomethane

Concen: 20.996 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085850.D

Acq: 25 Feb 2025 12:14

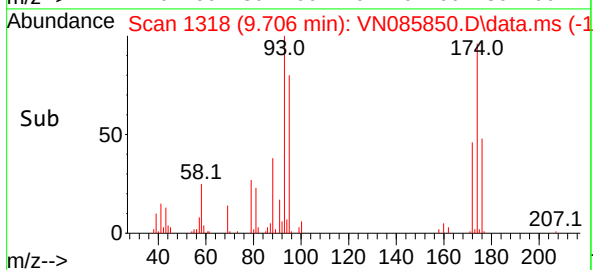
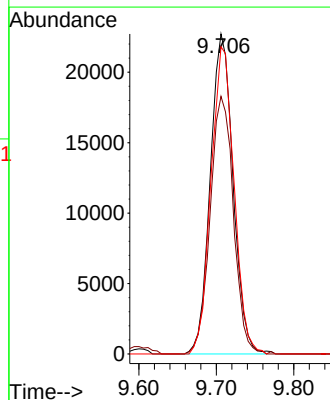
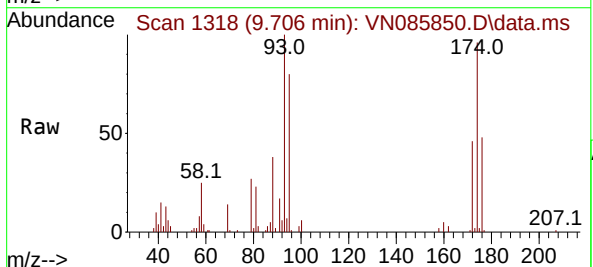
Tgt Ion: 93 Resp: 46442

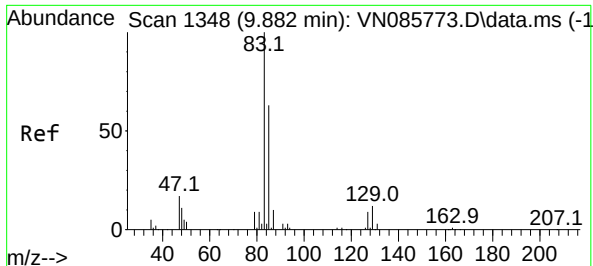
Ion Ratio Lower Upper

93 100

95 82.2 66.7 100.1

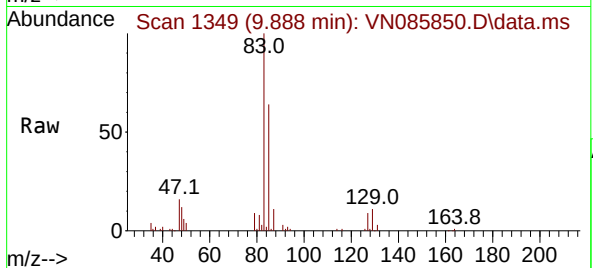
174 97.0 77.2 115.8





#47
Bromodichloromethane
Concen: 20.371 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

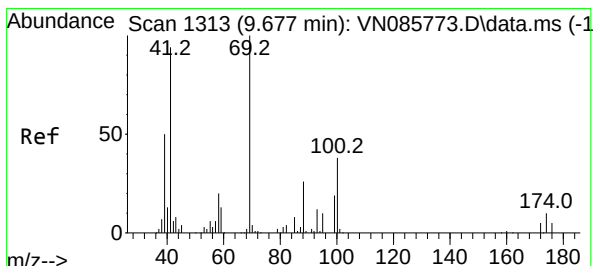
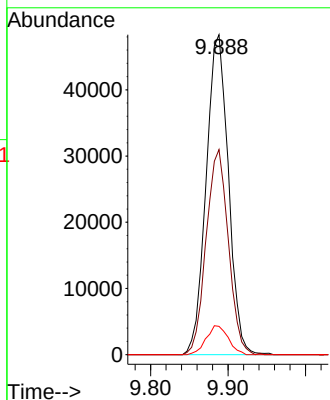
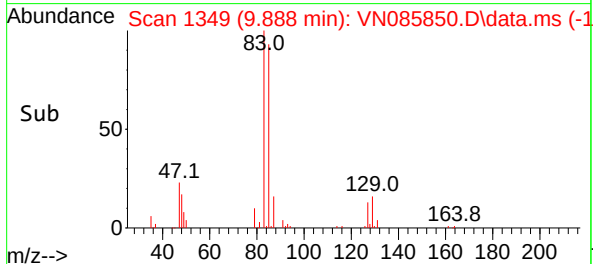
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



Tgt Ion: 83 Resp: 9640
Ion Ratio Lower Upper
83 100
85 64.1 50.5 75.7
127 8.8 7.2 10.8

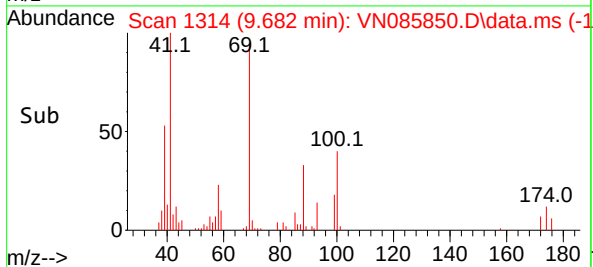
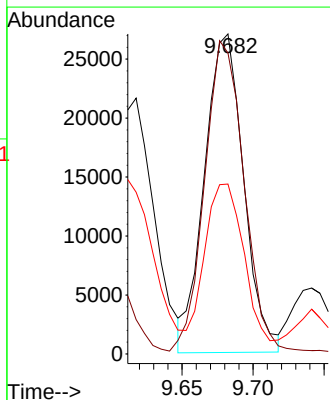
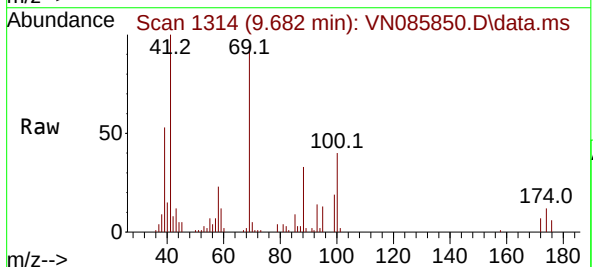
Manual Integrations
APPROVED

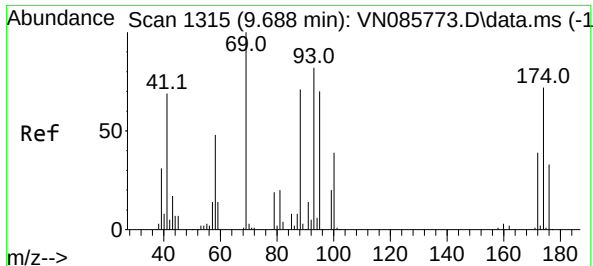
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#48
Methyl methacrylate
Concen: 20.965 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Tgt Ion: 41 Resp: 51937
Ion Ratio Lower Upper
41 100
69 100.3 76.0 114.0
39 54.4 42.3 63.5





#49

1,4-Dioxane

Concen: 545.178 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085850.D

Acq: 25 Feb 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

Tgt Ion: 88 Resp: 2568

Ion Ratio Lower Upper

88 100

43 28.2 18.6 27.8

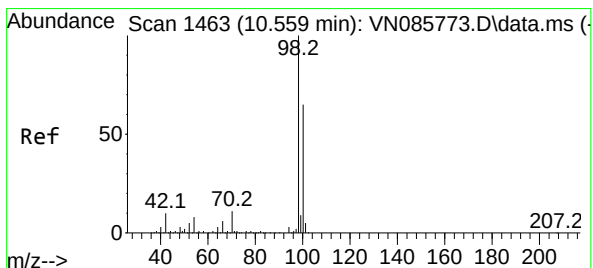
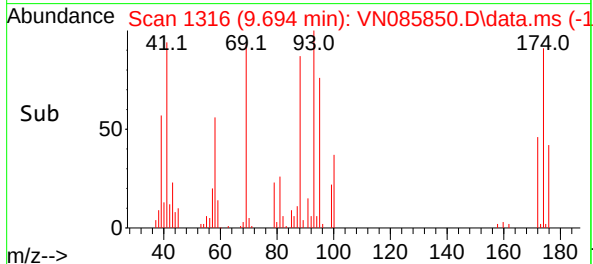
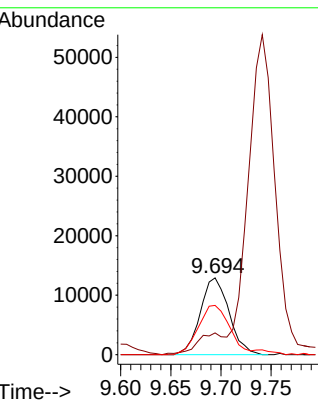
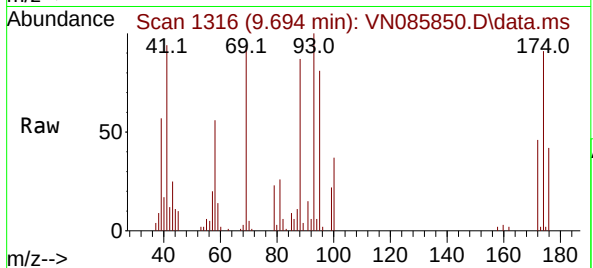
58 73.8 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#50

Toluene-d8

Concen: 52.280 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085850.D

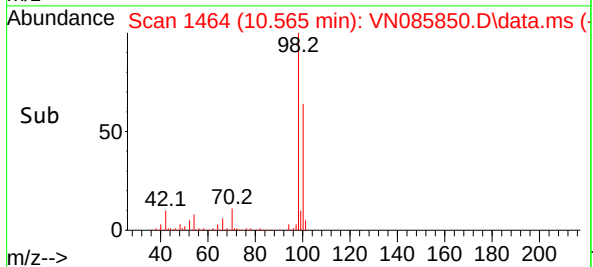
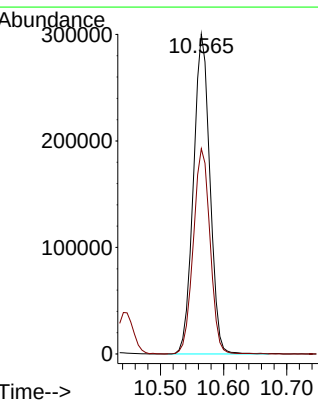
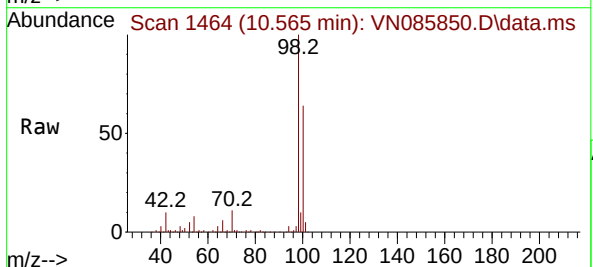
Acq: 25 Feb 2025 12:14

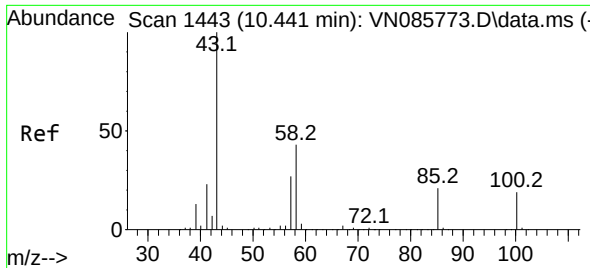
Tgt Ion: 98 Resp: 544780

Ion Ratio Lower Upper

98 100

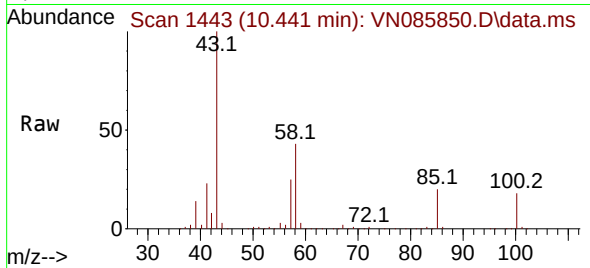
100 65.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 123.775 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

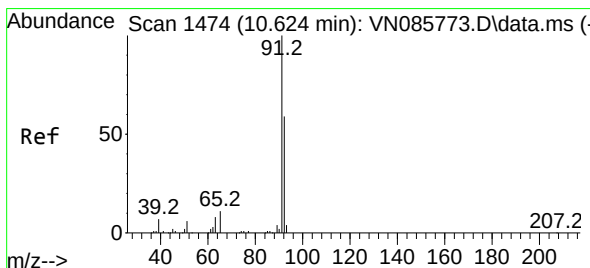
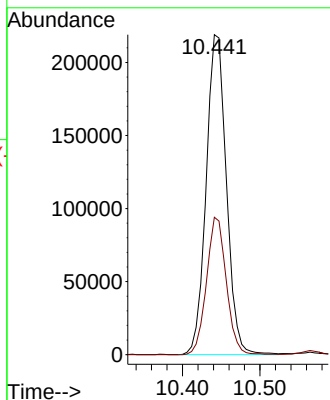
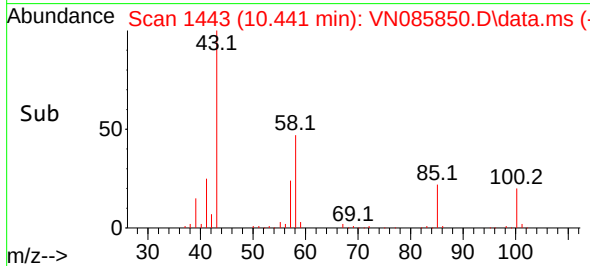
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



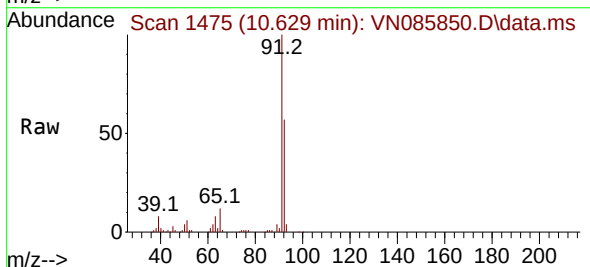
Tgt Ion: 43 Resp: 398075
Ion Ratio Lower Upper
43 100
58 42.0 34.6 52.0

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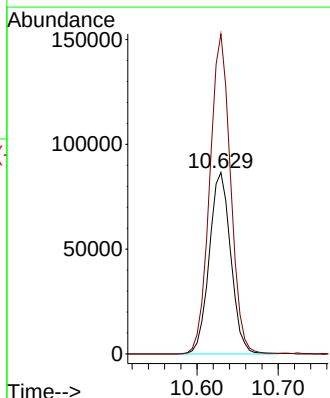
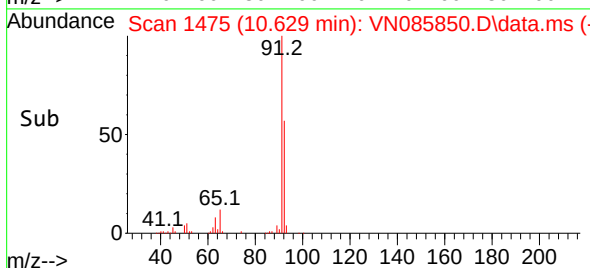
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

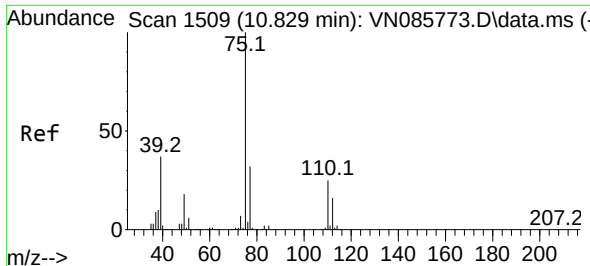


#52
Toluene
Concen: 20.870 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14



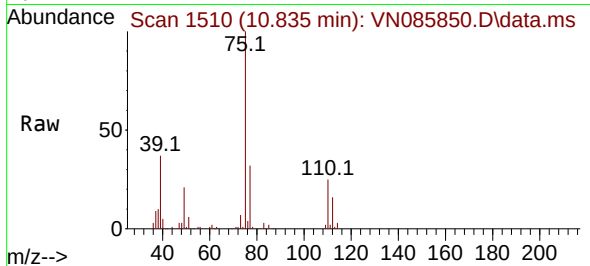
Tgt Ion: 92 Resp: 158936
Ion Ratio Lower Upper
92 100
91 171.3 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 19.844 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

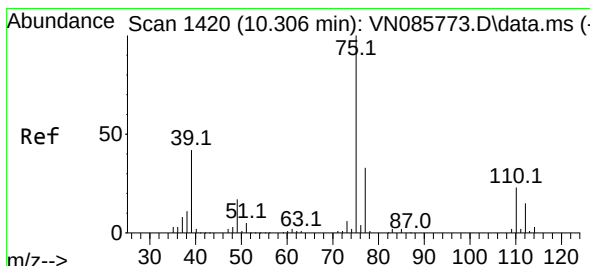
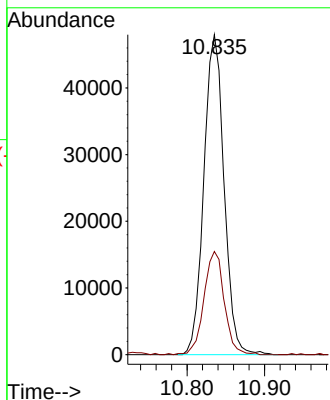
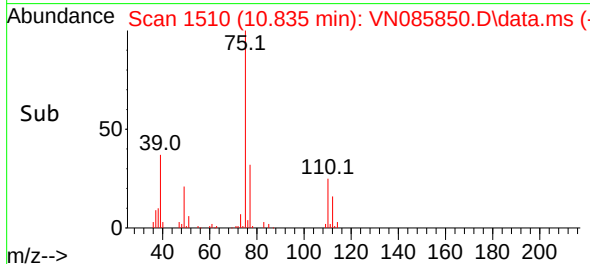
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



Tgt Ion: 75 Resp: 86830
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0

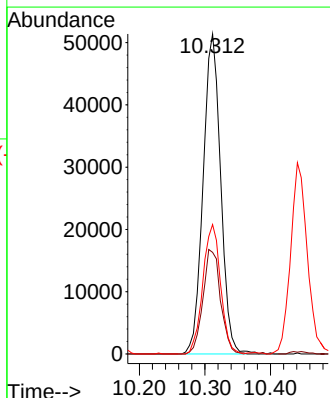
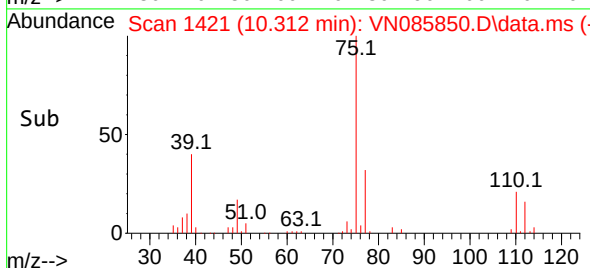
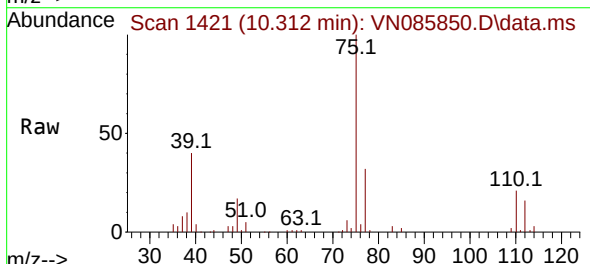
Manual Integrations
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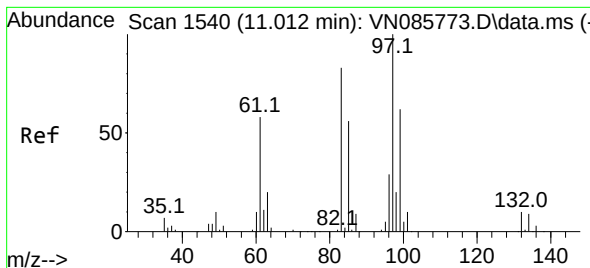
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#54
cis-1,3-Dichloropropene
Concen: 19.953 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

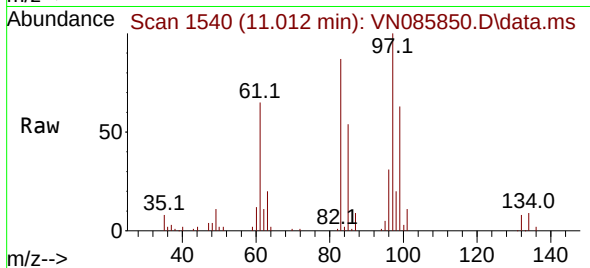
Tgt Ion: 75 Resp: 95747
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 40.4 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 20.805 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

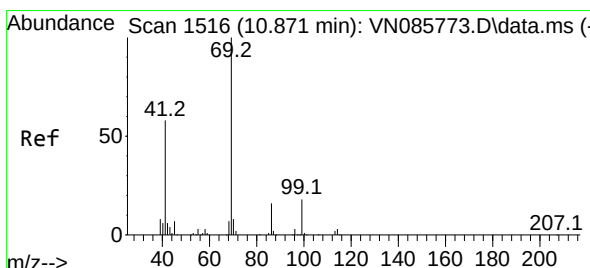
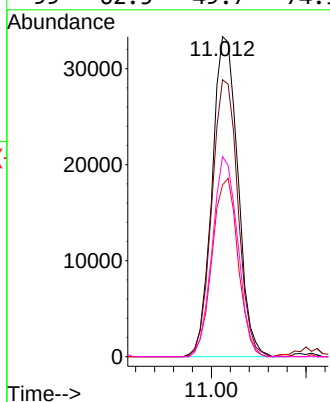
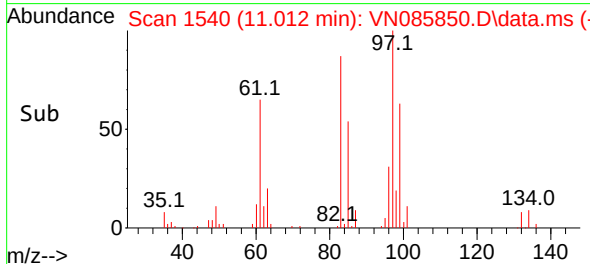
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



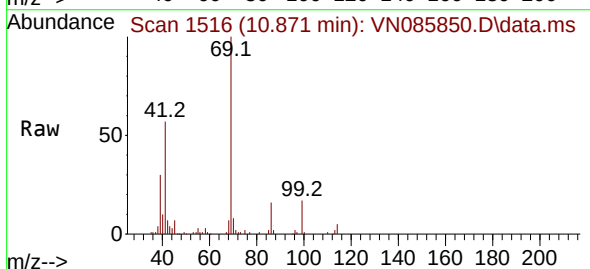
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	66.1	99.1
85	53.6	44.7	67.1
99	62.5	49.7	74.5

Manual Integrations
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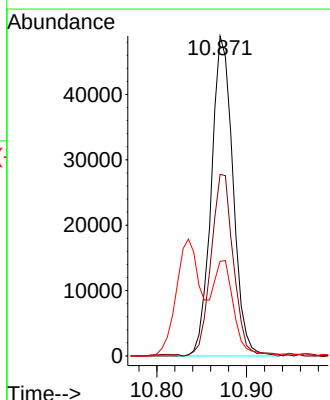
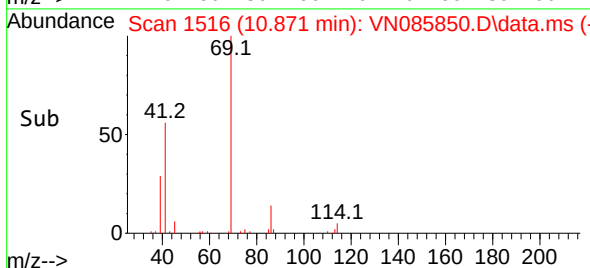
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

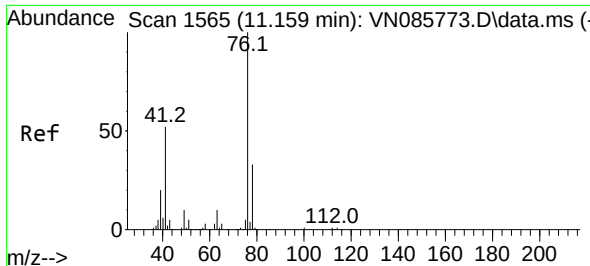


#56
Ethyl methacrylate
Concen: 20.490 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14



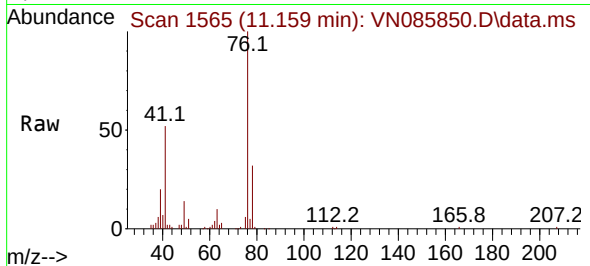
Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.8	46.0	69.0
39	29.4	22.0	33.0





#57
1,3-Dichloropropane
Concen: 20.675 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

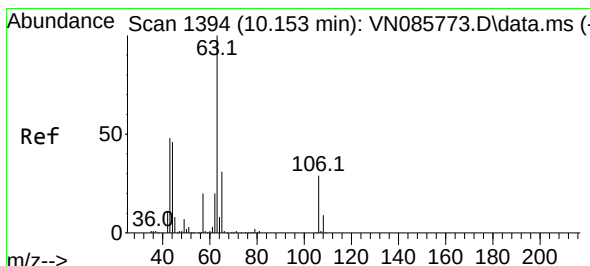
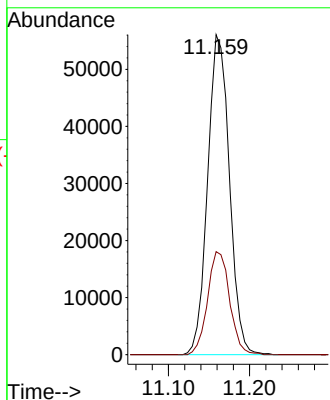
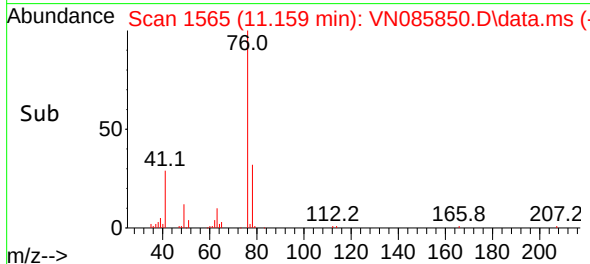
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



Tgt Ion: 76 Resp: 10450
Ion Ratio Lower Upper
76 100
78 32.6 25.9 38.9

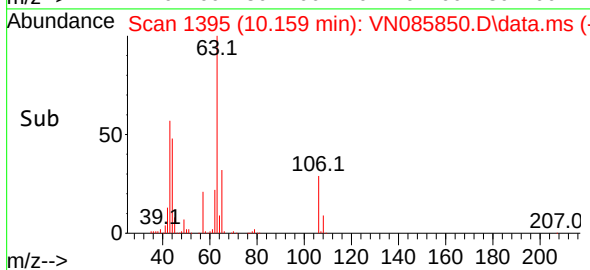
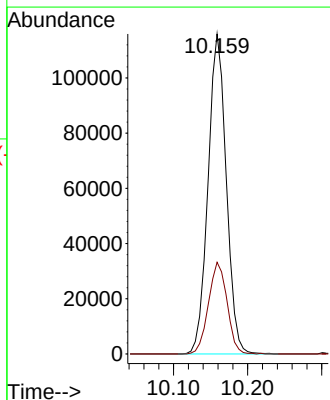
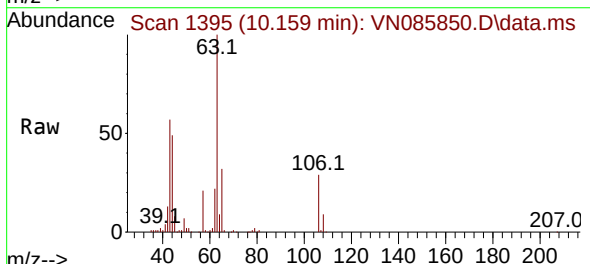
Manual Integrations
APPROVED

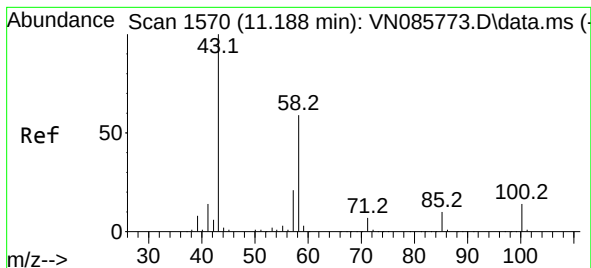
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 134.520 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Tgt Ion: 63 Resp: 198181
Ion Ratio Lower Upper
63 100
106 29.2 22.7 34.1





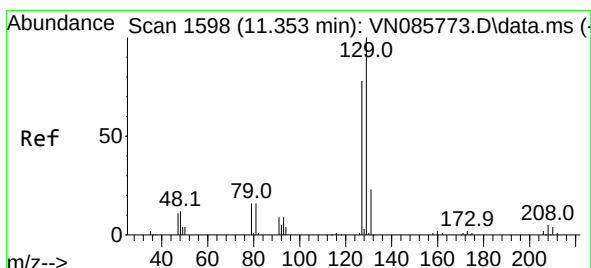
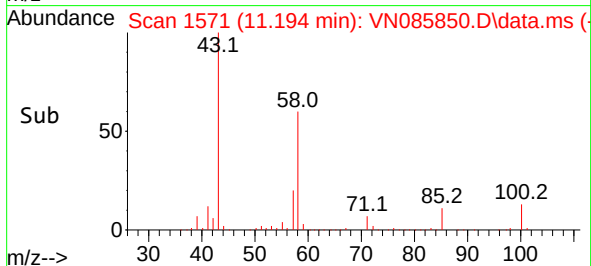
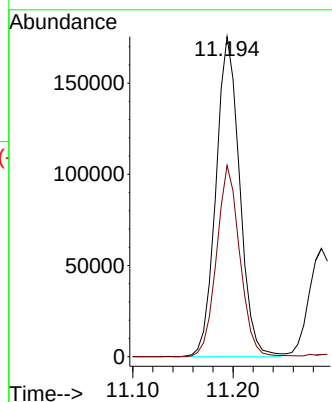
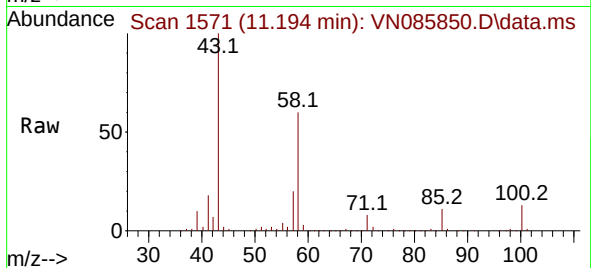
#59
2-Hexanone
Concen: 129.948 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion: 43 Resp: 28751
Ion Ratio Lower Upper
43 100
58 58.6 29.8 89.5

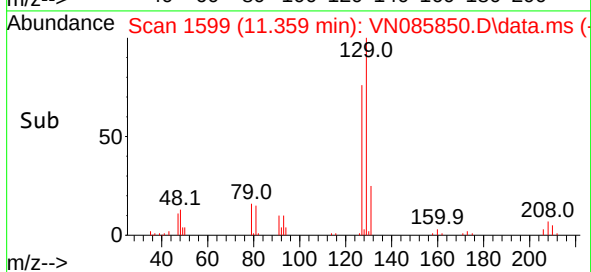
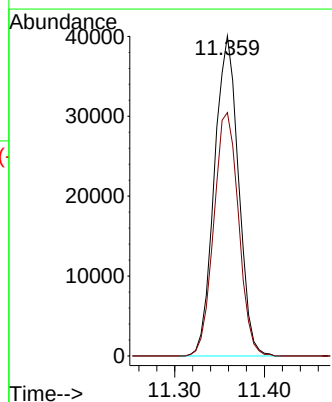
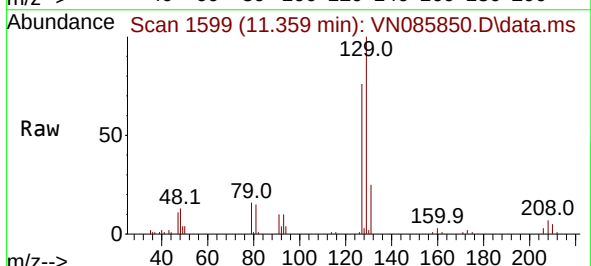
Manual Integrations
APPROVED

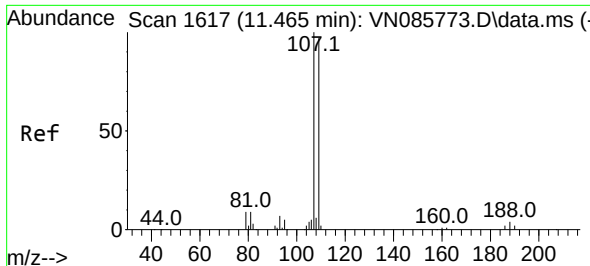
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#60
Dibromochloromethane
Concen: 21.189 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Tgt Ion:129 Resp: 74709
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.5





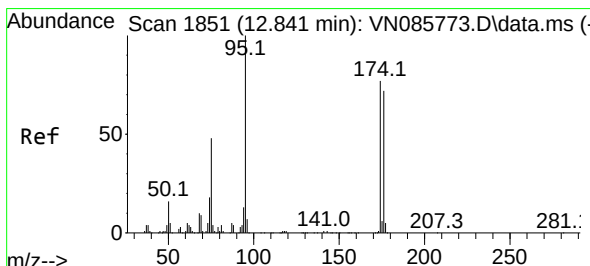
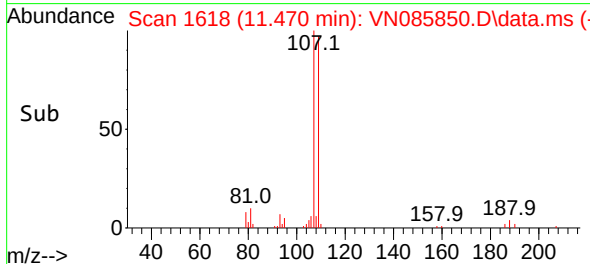
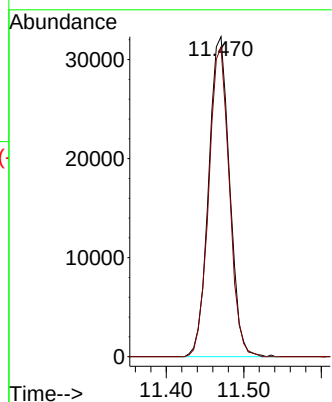
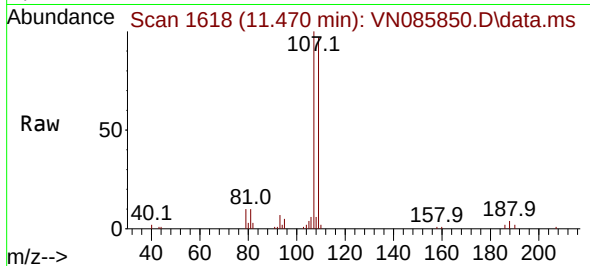
#61
1,2-Dibromoethane
Concen: 21.202 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.005 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion:107 Resp: 6065
Ion Ratio Lower Upper
107 100
109 94.9 76.0 114.0

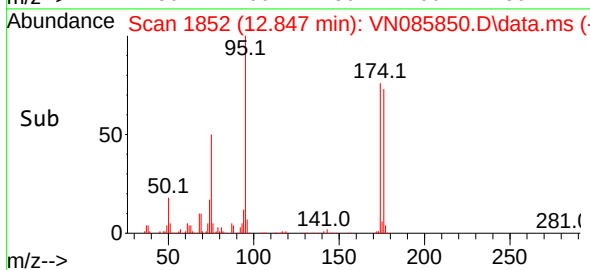
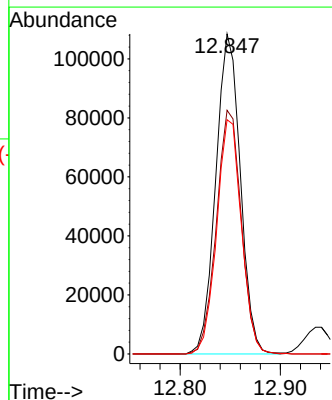
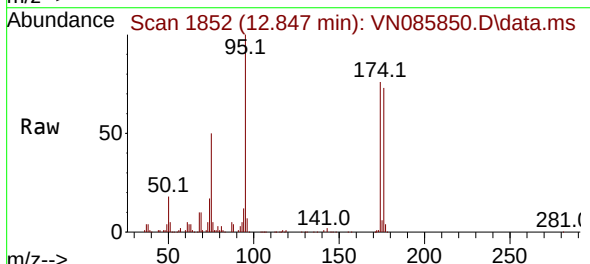
Manual Integrations
APPROVED

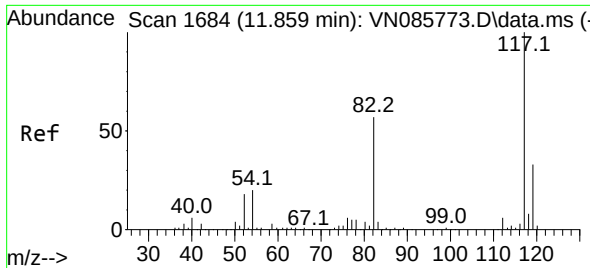
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#62
4-Bromofluorobenzene
Concen: 53.625 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

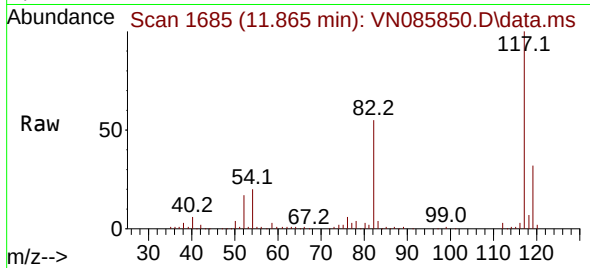
Tgt Ion: 95 Resp: 184110
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.4
176 73.7 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

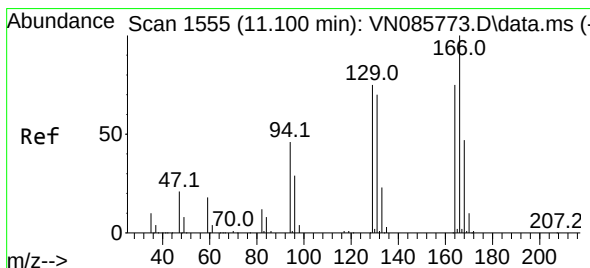
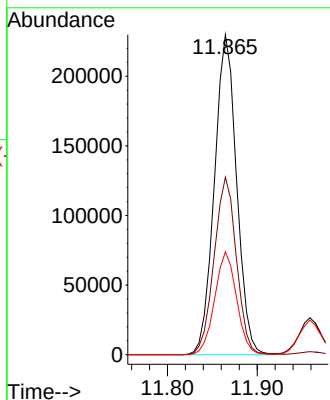
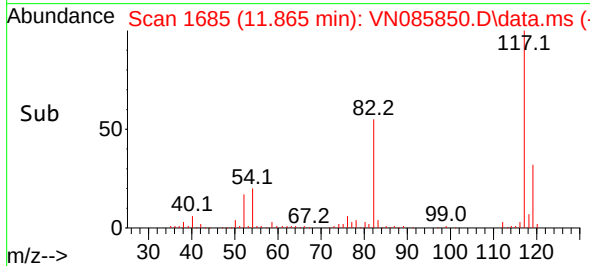
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



Tgt Ion:117 Resp: 39565
Ion Ratio Lower Upper
117 100
82 55.4 45.7 68.5
119 32.1 26.2 39.2

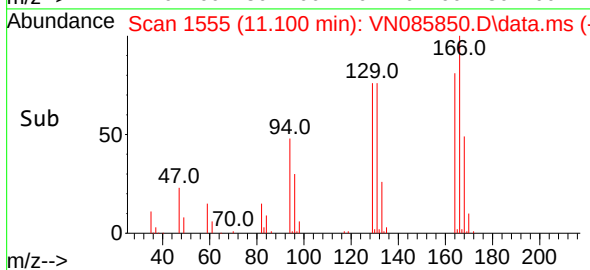
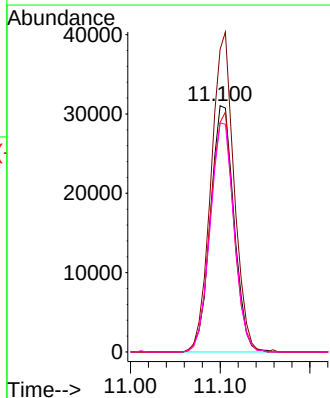
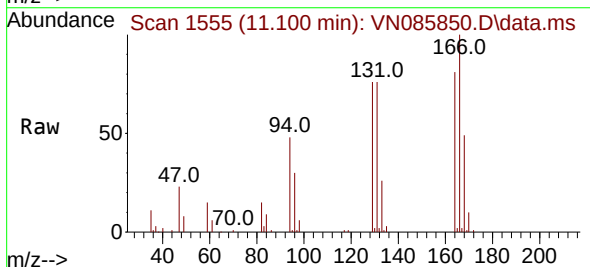
Manual Integrations
APPROVED

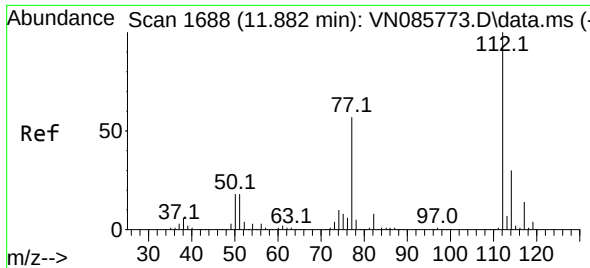
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#64
Tetrachloroethene
Concen: 18.442 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

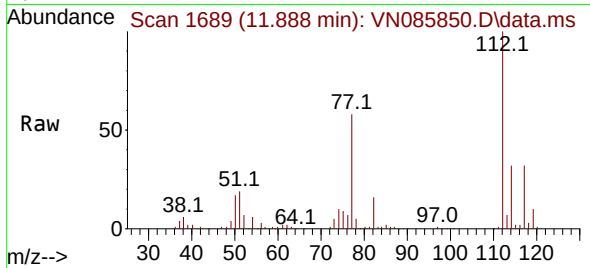
Tgt Ion:164 Resp: 56528
Ion Ratio Lower Upper
164 100
166 123.0 107.2 160.8
129 93.2 80.7 121.1
131 93.0 74.6 112.0





#65
Chlorobenzene
Concen: 19.081 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

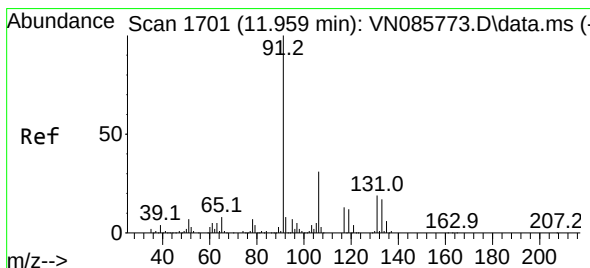
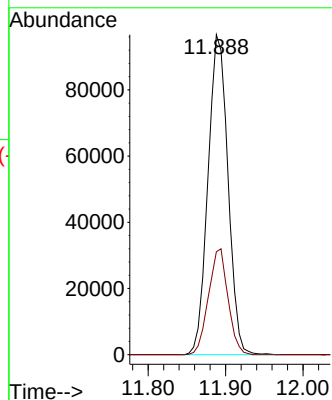
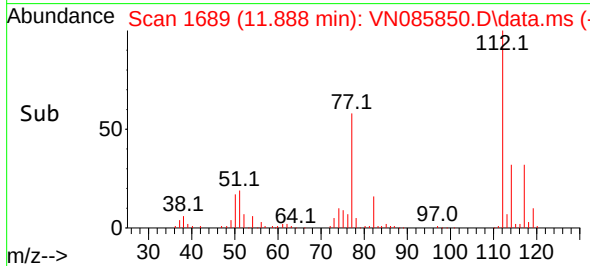
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



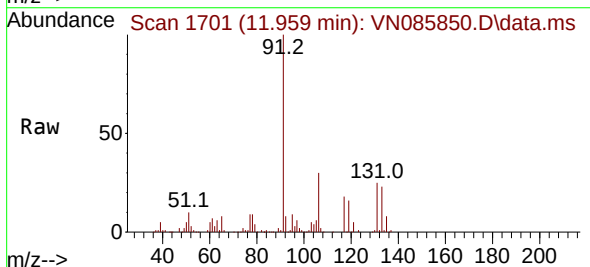
Tgt Ion:112 Resp: 172945
Ion Ratio Lower Upper
112 100
114 32.1 24.3 36.5

Manual Integrations
APPROVED

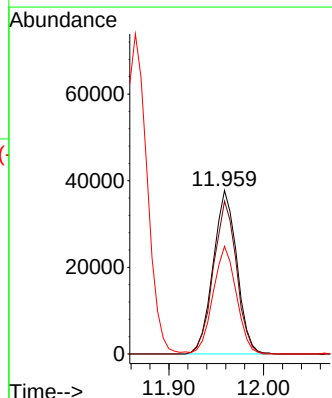
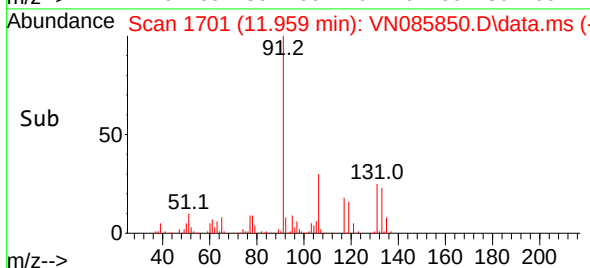
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

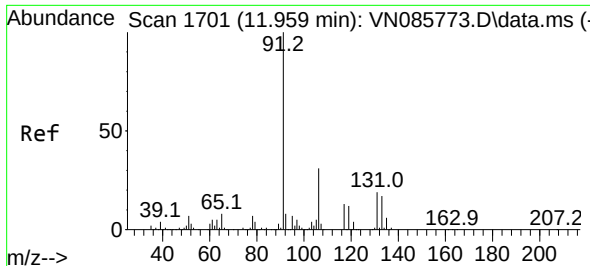


#66
1,1,1,2-Tetrachloroethane
Concen: 20.161 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14



Tgt Ion:131 Resp: 65682
Ion Ratio Lower Upper
131 100
133 92.0 47.7 143.1
119 64.7 33.3 99.8





#67

Ethyl Benzene

Concen: 19.060 ug/l

RT: 11.965 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085850.D

Acq: 25 Feb 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

Tgt Ion: 91 Resp: 270608

Ion Ratio Lower Upper

91 100

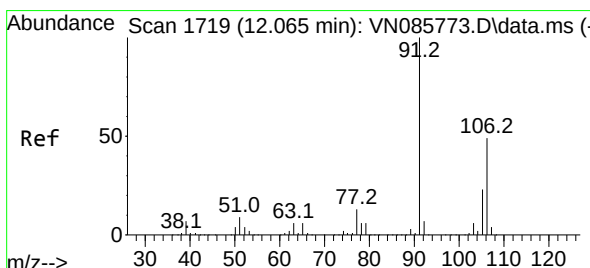
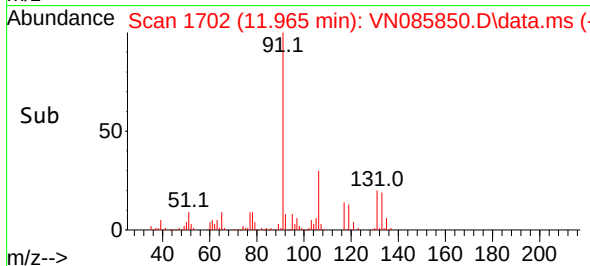
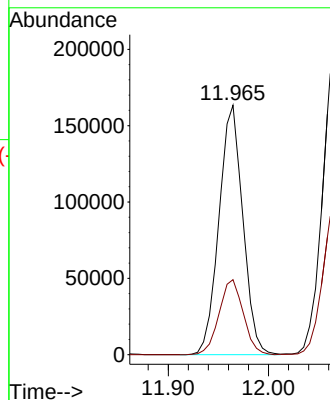
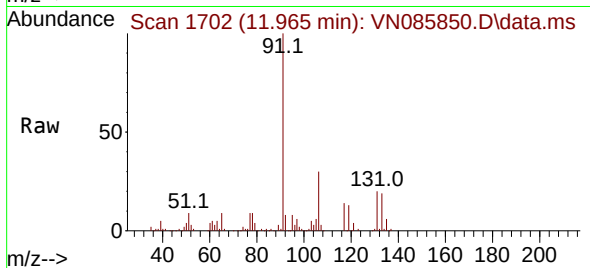
106 30.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#68

m/p-Xylenes

Concen: 40.882 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.005 min

Lab File: VN085850.D

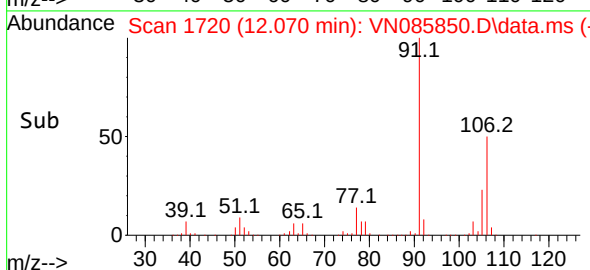
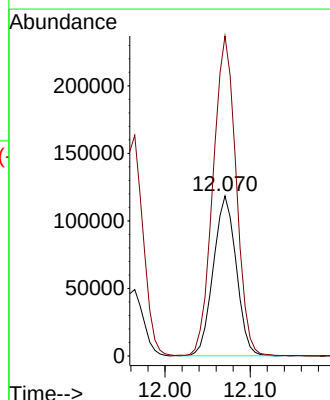
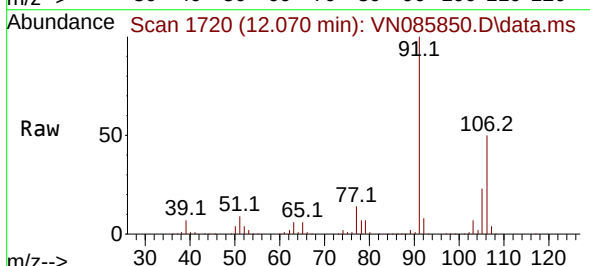
Acq: 25 Feb 2025 12:14

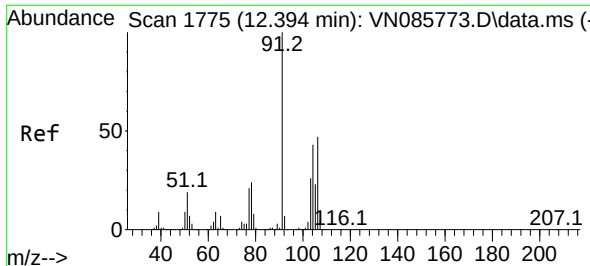
Tgt Ion:106 Resp: 220483

Ion Ratio Lower Upper

106 100

91 201.9 163.3 244.9





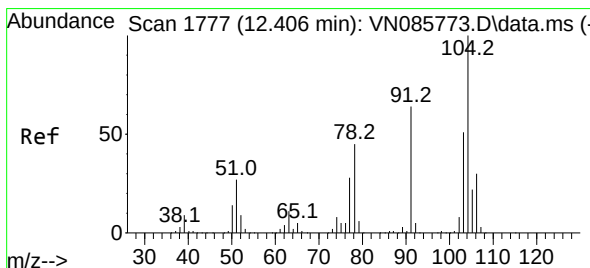
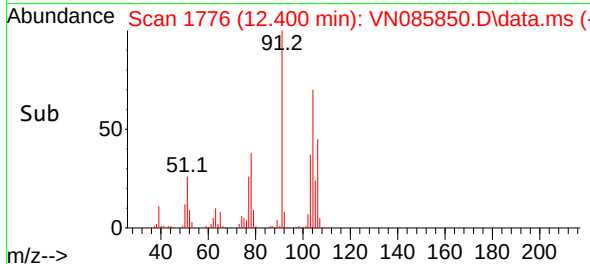
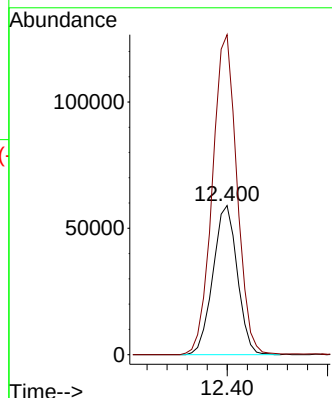
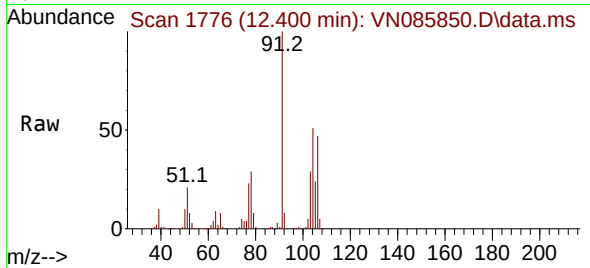
#69
o-Xylene
Concen: 19.396 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion:106 Resp: 9940
Ion Ratio Lower Upper
106 100
91 216.5 107.1 321.4

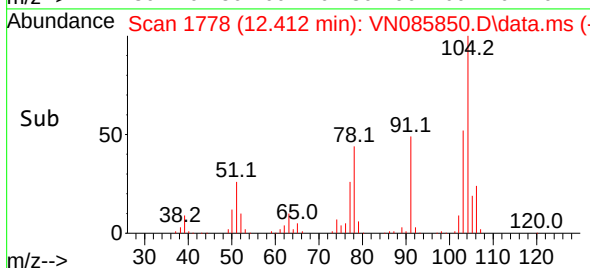
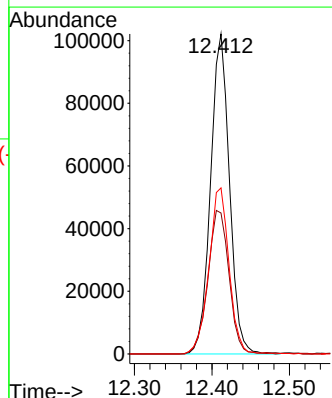
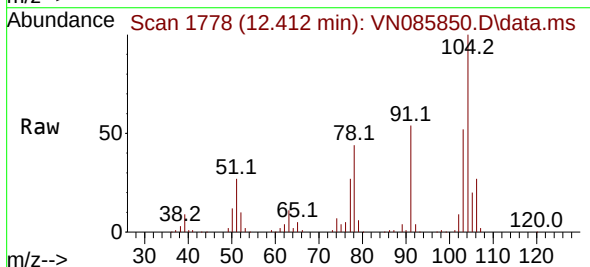
Manual Integrations
APPROVED

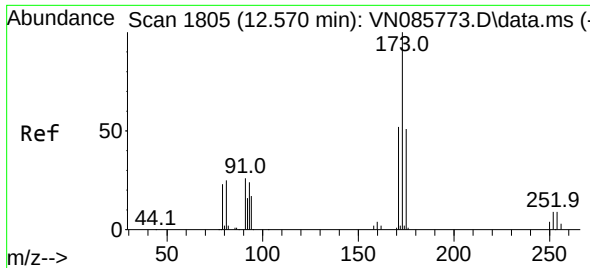
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#70
Styrene
Concen: 19.620 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

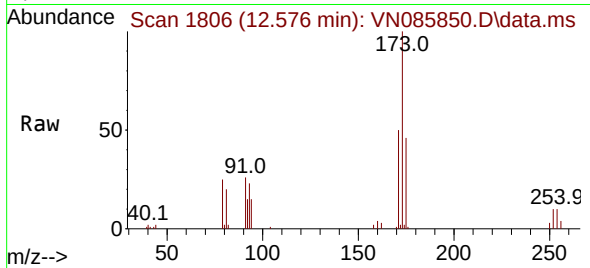
Tgt Ion:104 Resp: 173108
Ion Ratio Lower Upper
104 100
78 50.0 39.0 58.6
103 55.4 43.3 64.9





#71
Bromoform
Concen: 21.800 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

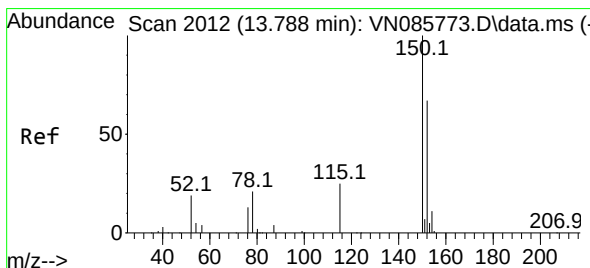
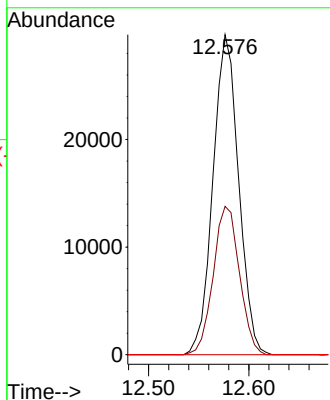
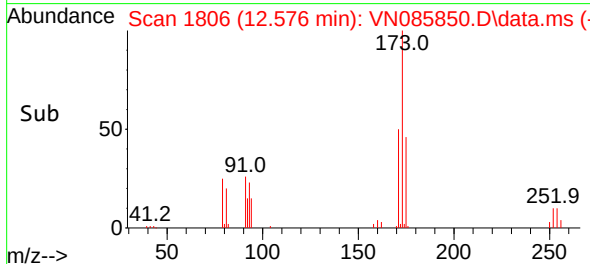
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



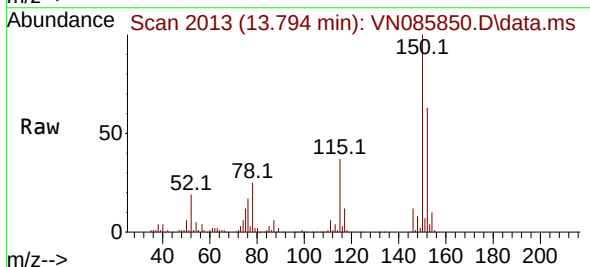
Tgt Ion:173 Resp: 5277
Ion Ratio Lower Upper
173 100
175 47.4 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

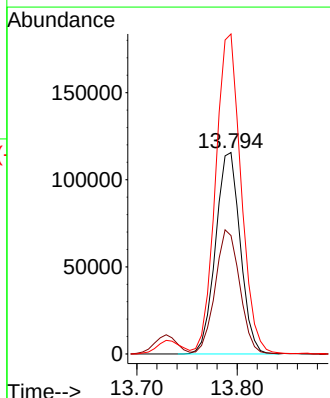
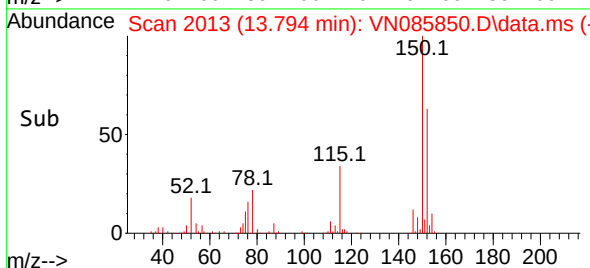
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

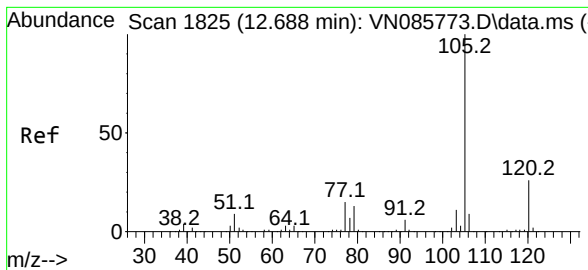


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14



Tgt Ion:152 Resp: 197432
Ion Ratio Lower Upper
152 100
115 61.1 30.4 91.3
150 163.5 0.0 345.4





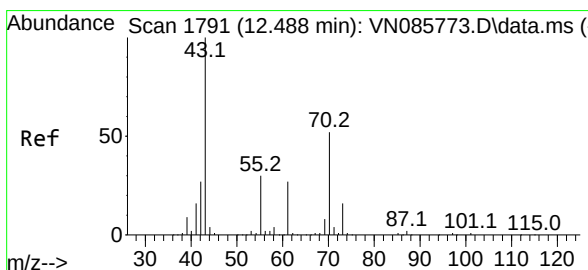
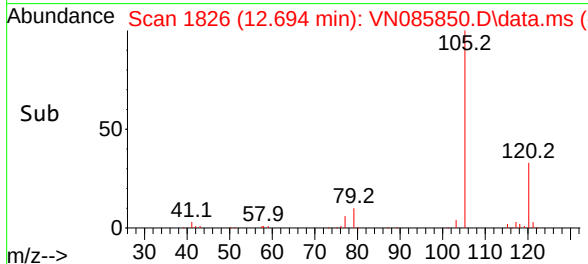
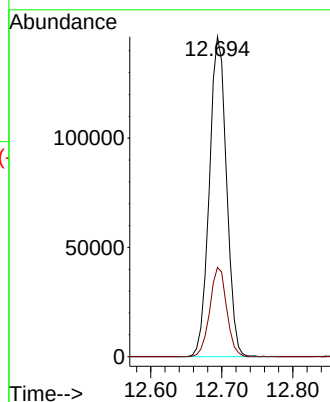
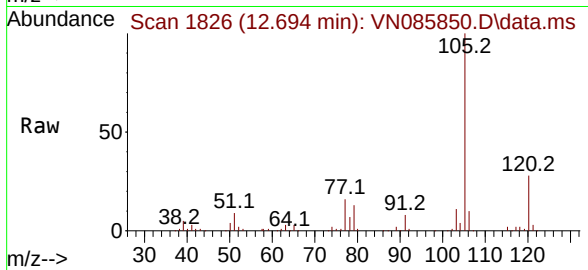
#73
Isopropylbenzene
Concen: 18.202 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion:105 Resp: 246190
Ion Ratio Lower Upper
105 100
120 27.3 13.0 39.0

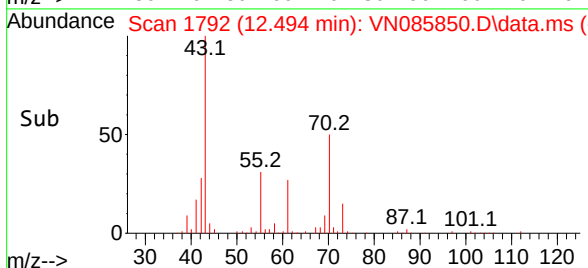
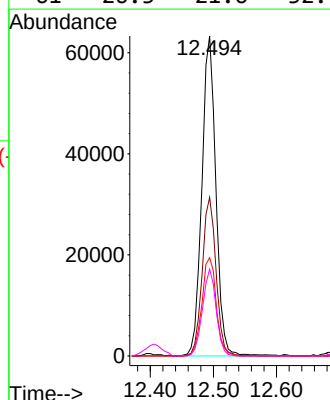
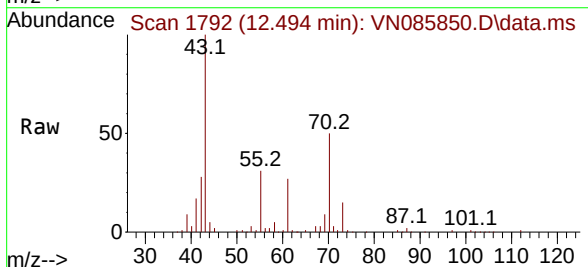
Manual Integrations
APPROVED

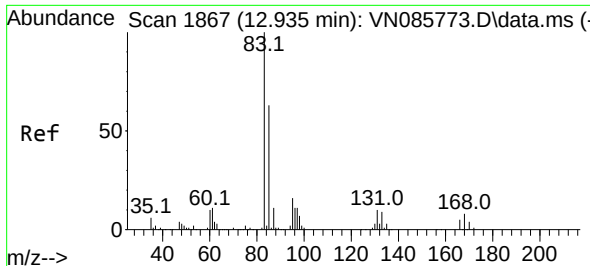
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#74
N-ethyl acetate
Concen: 20.478 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Tgt Ion: 43 Resp: 97676
Ion Ratio Lower Upper
43 100
70 48.7 41.0 61.4
55 31.7 24.6 36.8
61 26.3 21.6 32.4





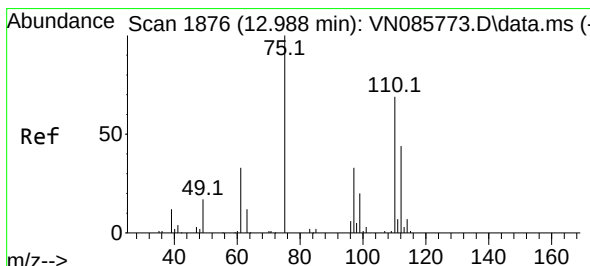
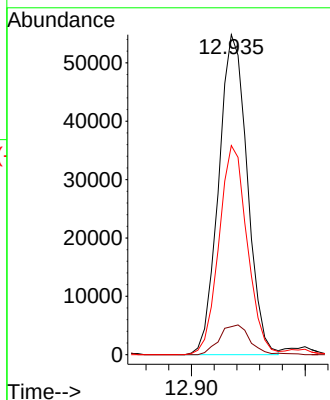
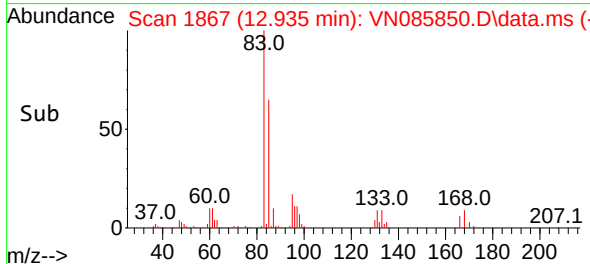
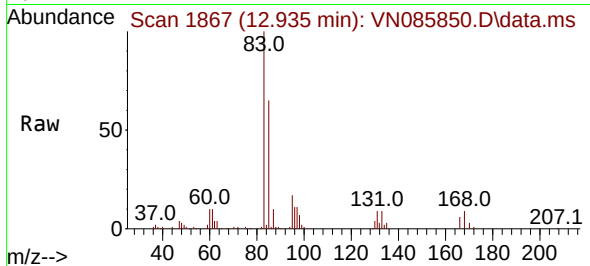
#75
1,1,2,2-Tetrachloroethane
Concen: 20.587 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion: 83 Resp: 95820
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.6 32.2 96.6

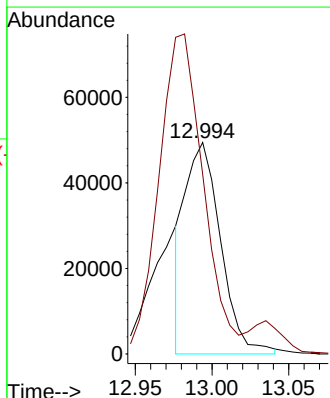
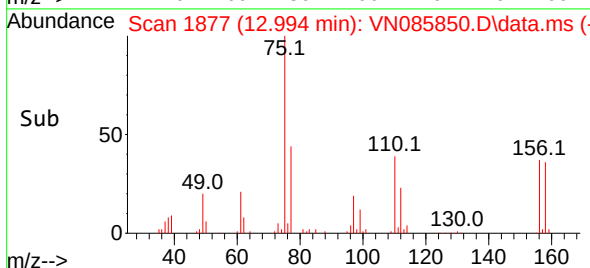
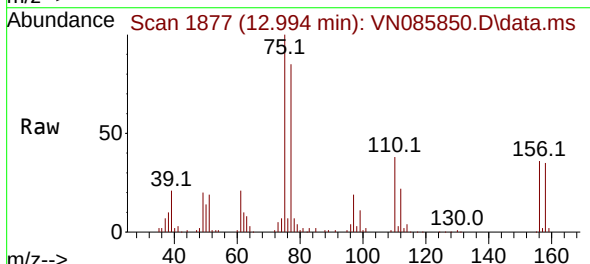
Manual Integrations
APPROVED

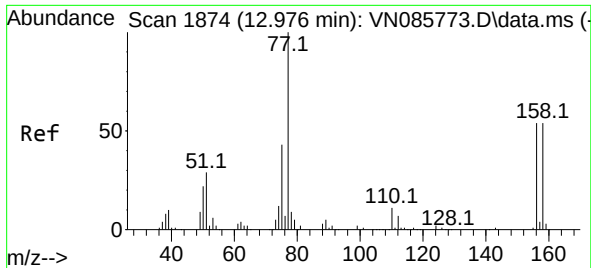
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#76
1,2,3-Trichloropropane
Concen: 18.155 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Tgt Ion: 75 Resp: 79622
Ion Ratio Lower Upper
75 100
77 189.1 100.0 300.0





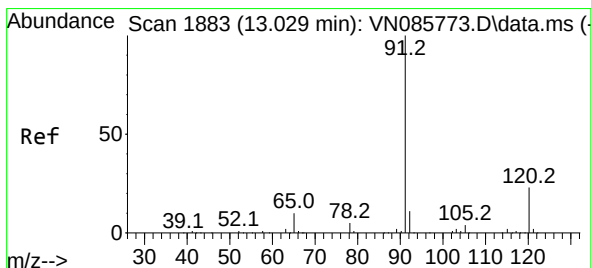
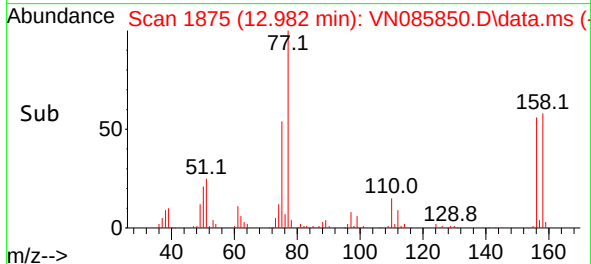
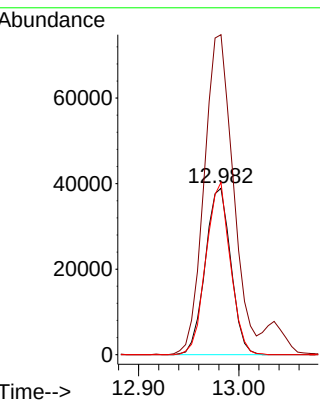
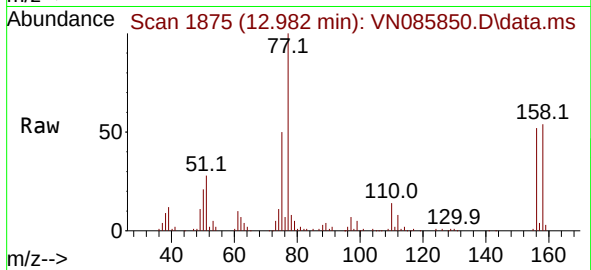
#77
Bromobenzene
Concen: 18.852 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion:156 Resp: 68892
Ion Ratio Lower Upper
156 100
77 218.6 104.1 312.3
158 98.7 48.1 144.4

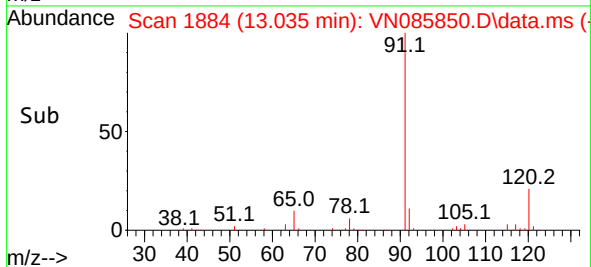
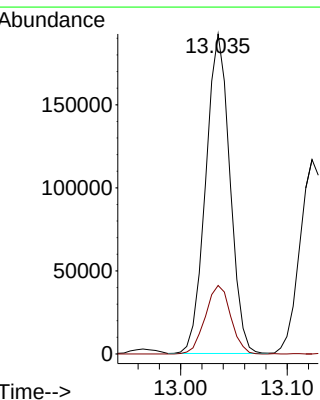
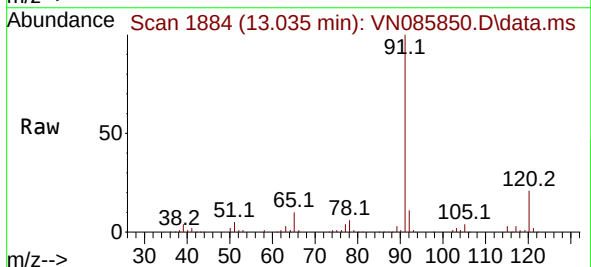
Manual Integrations
APPROVED

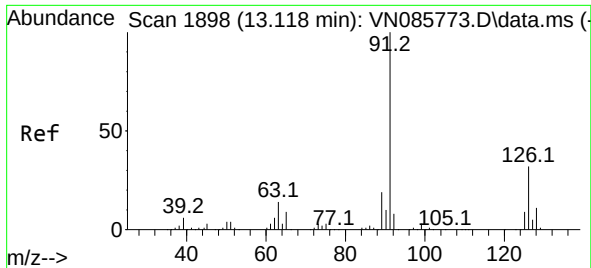
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#78
n-propylbenzene
Concen: 19.545 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Tgt Ion: 91 Resp: 302759
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





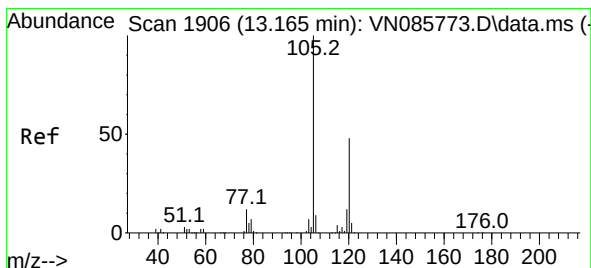
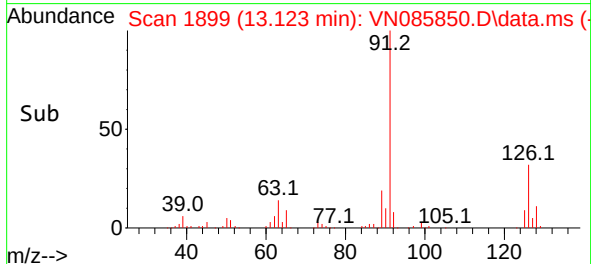
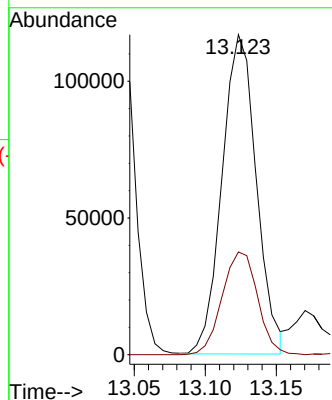
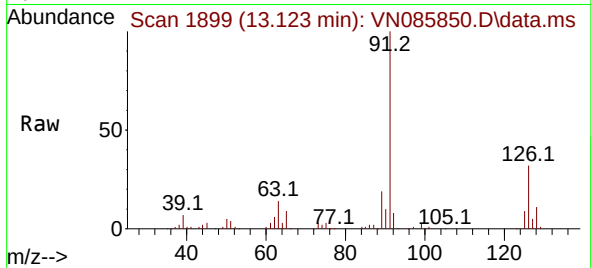
#79
2-Chlorotoluene
Concen: 18.965 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion: 91 Resp: 196280
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.1

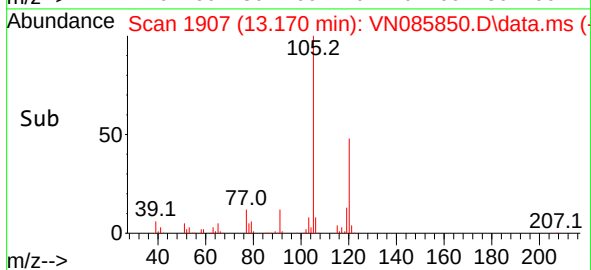
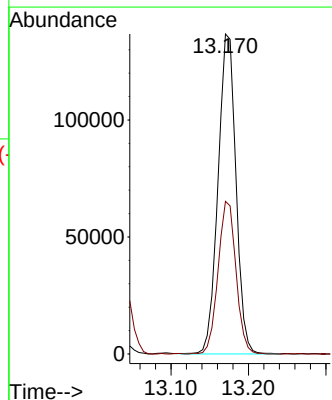
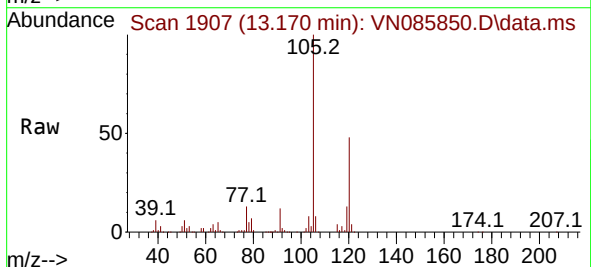
Manual Integrations
APPROVED

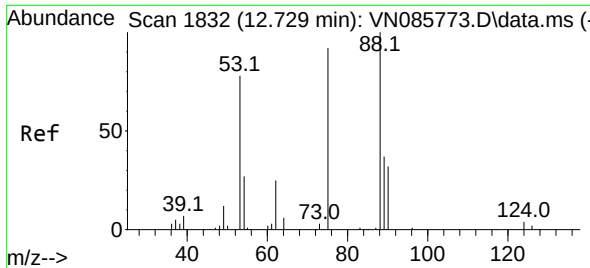
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.002 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

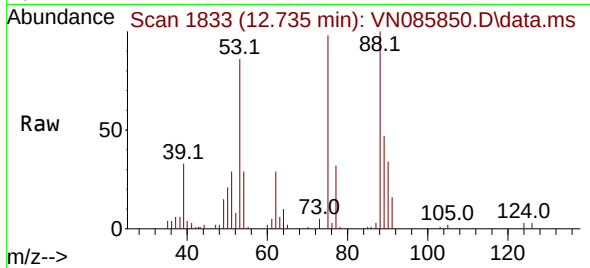
Tgt Ion:105 Resp: 220385
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 22.673 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

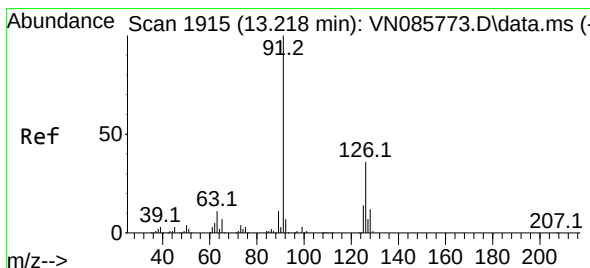
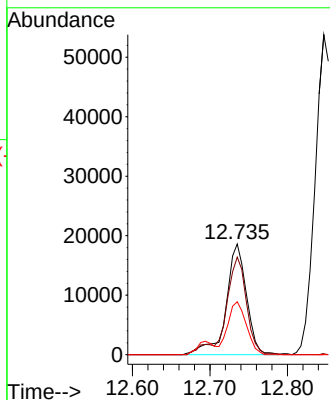
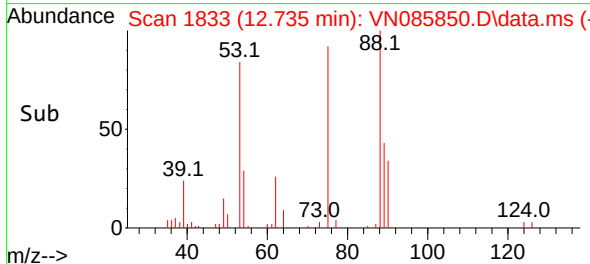
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01



Tgt Ion: 75 Resp: 34079
Ion Ratio Lower Upper
75 100
53 89.6 74.2 111.4
89 43.2 34.9 52.3

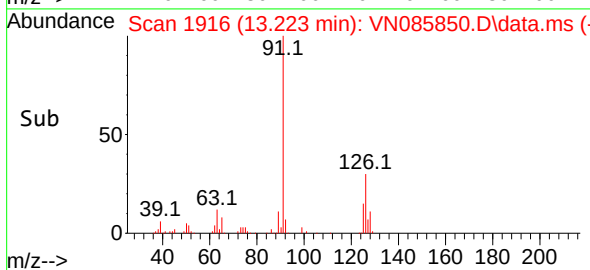
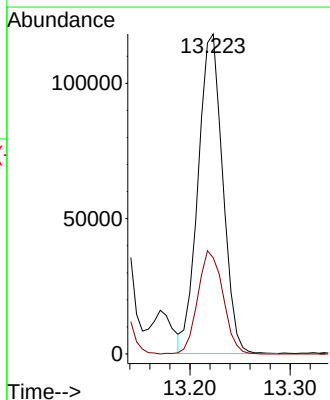
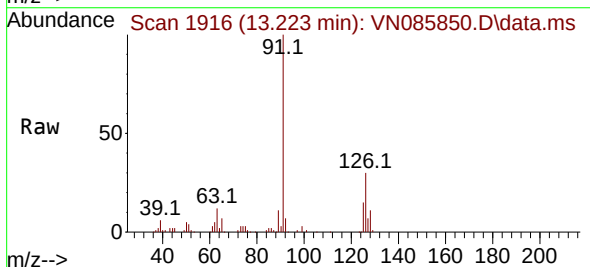
Manual Integrations
APPROVED

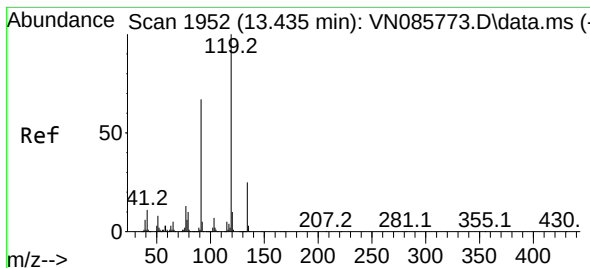
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#82
4-Chlorotoluene
Concen: 19.653 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

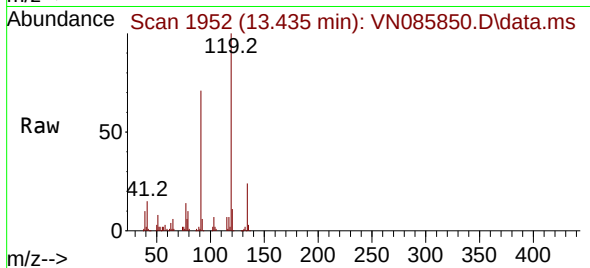
Tgt Ion: 91 Resp: 201651
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 18.802 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085850.D
 Acq: 25 Feb 2025 12:14

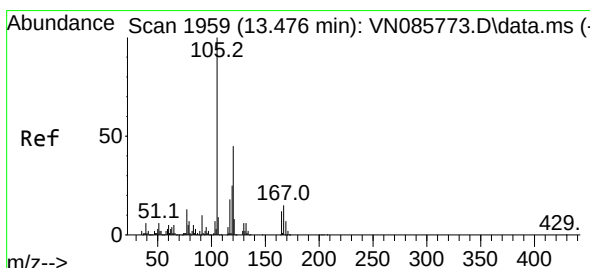
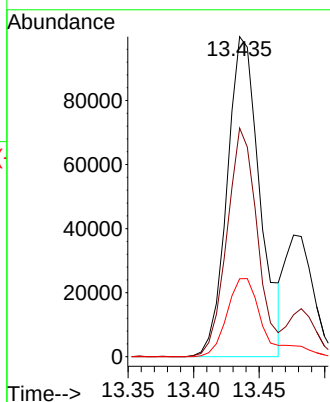
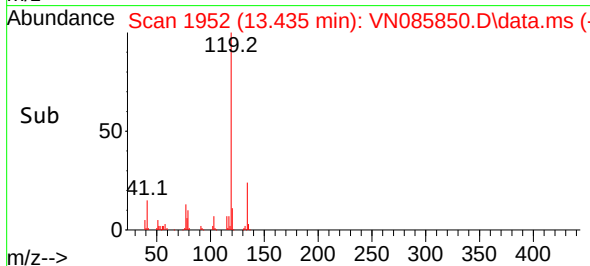
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01



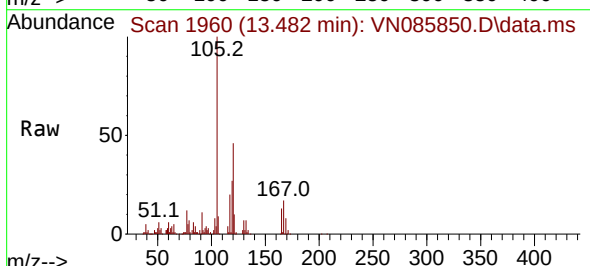
Tgt Ion:119 Resp: 174208
 Ion Ratio Lower Upper
 119 100
 91 66.1 32.5 97.5
 134 27.0 13.3 39.9

Manual Integrations
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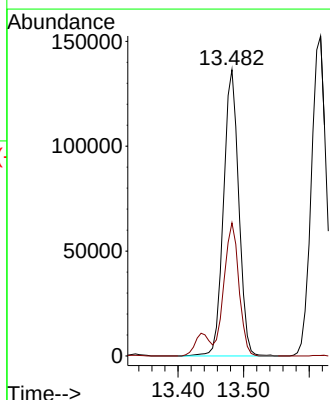
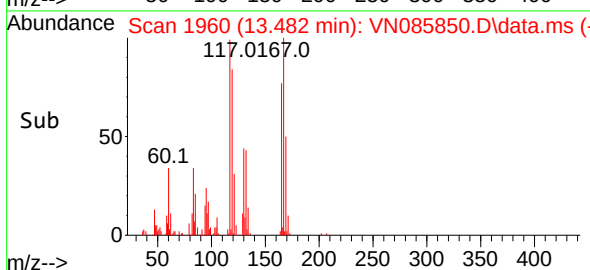
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025

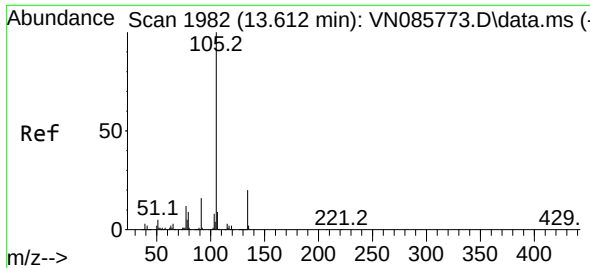


#84
 1,2,4-Trimethylbenzene
 Concen: 20.127 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085850.D
 Acq: 25 Feb 2025 12:14



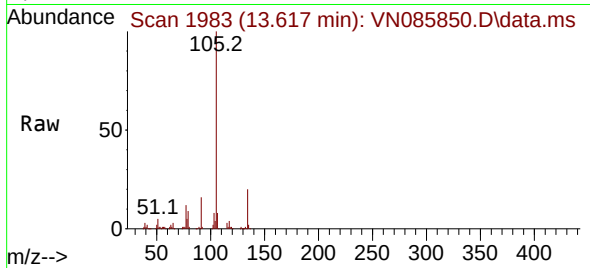
Tgt Ion:105 Resp: 219405
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 18.656 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.005 min
 Lab File: VN085850.D
 Acq: 25 Feb 2025 12:14

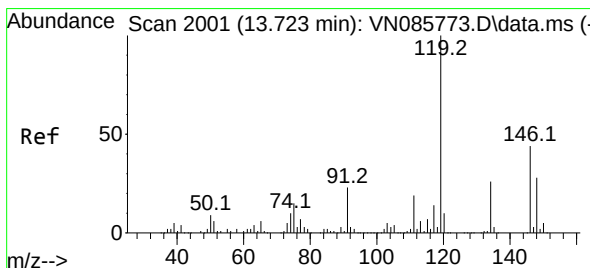
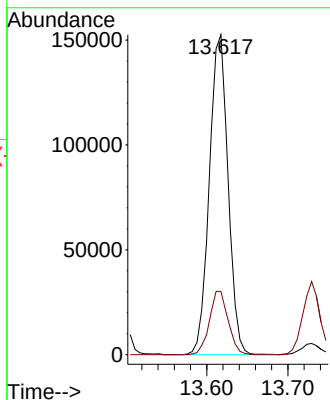
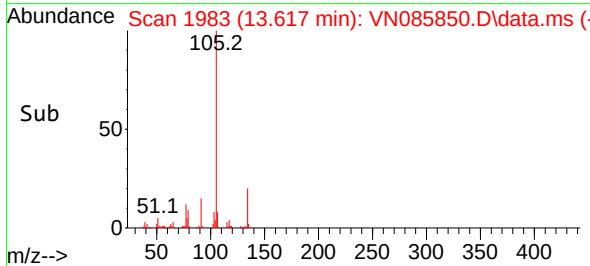
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01



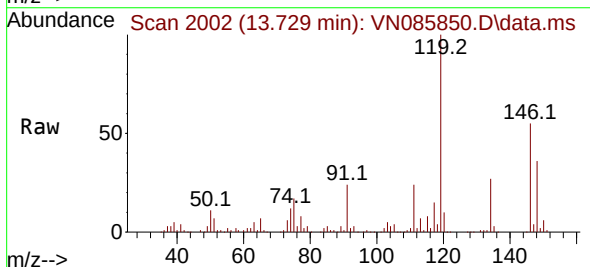
Tgt Ion:105 Resp: 24422
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
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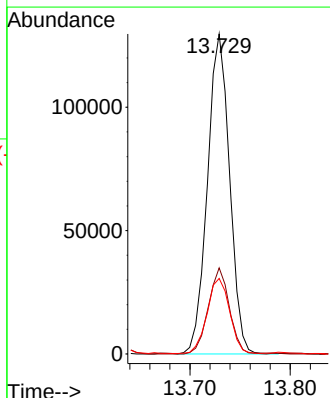
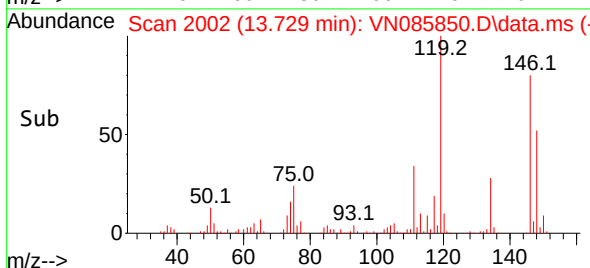
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025

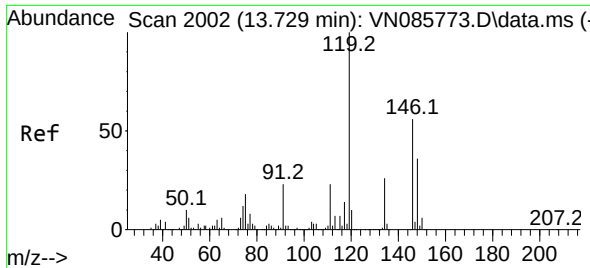


#86
 p-Isopropyltoluene
 Concen: 17.934 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085850.D
 Acq: 25 Feb 2025 12:14



Tgt Ion:119 Resp: 199558
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 23.8 11.7 35.1





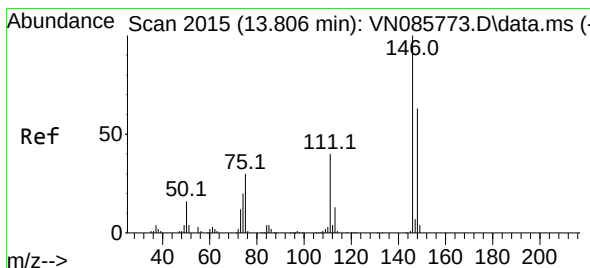
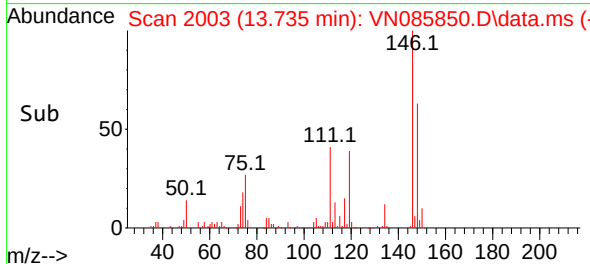
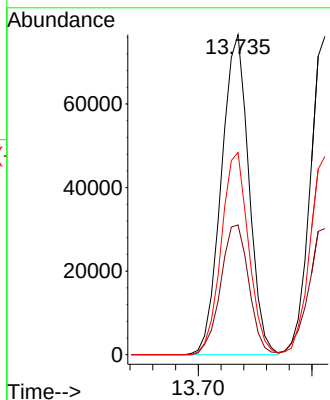
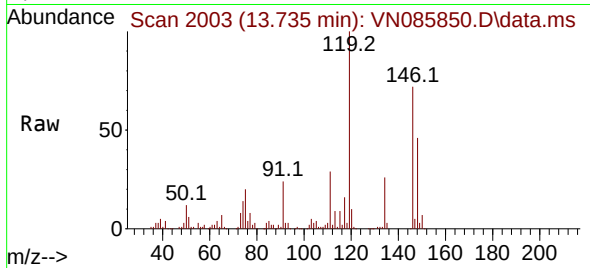
#87
1,3-Dichlorobenzene
Concen: 18.789 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion:146 Resp: 128639
Ion Ratio Lower Upper
146 100
111 41.6 21.1 63.3
148 62.9 32.1 96.5

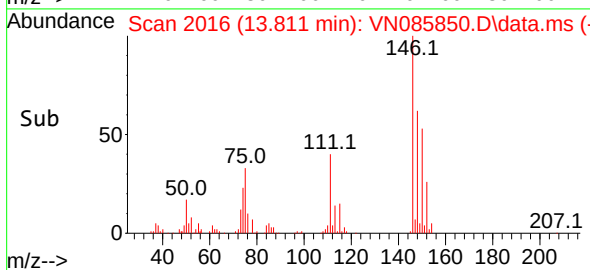
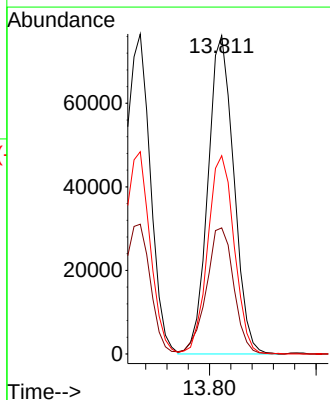
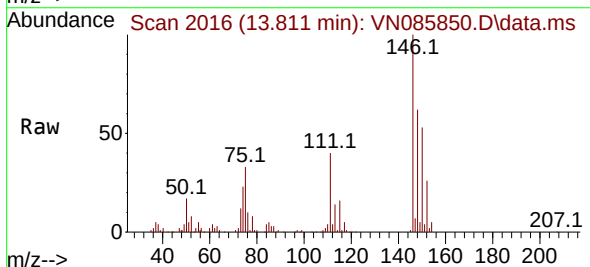
Manual Integrations
APPROVED

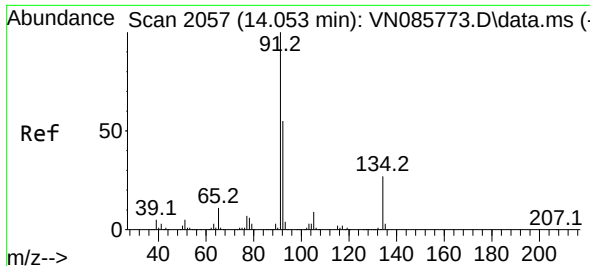
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#88
1,4-Dichlorobenzene
Concen: 18.309 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Tgt Ion:146 Resp: 128477
Ion Ratio Lower Upper
146 100
111 42.0 20.4 61.3
148 64.0 31.8 95.4





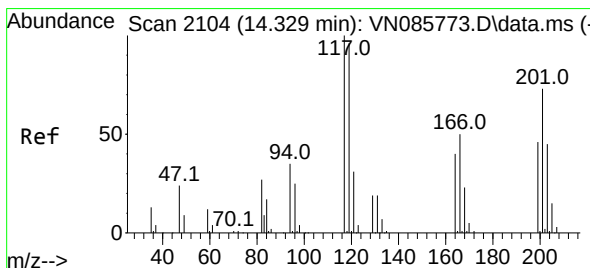
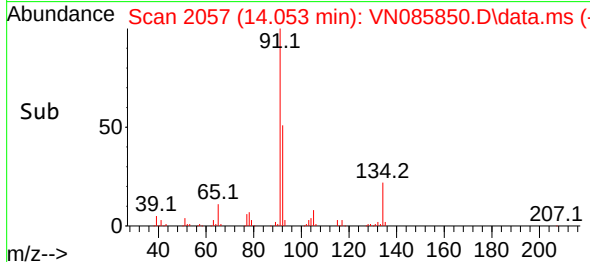
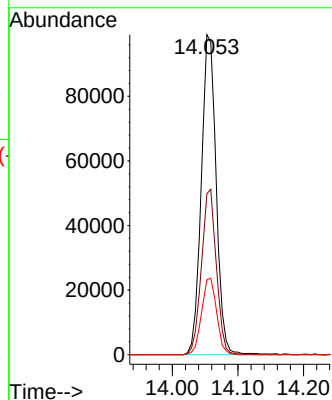
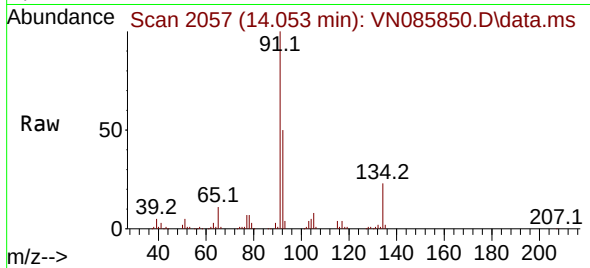
#89
n-Butylbenzene
Concen: 16.856 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion: 91 Resp: 15666
Ion Ratio Lower Upper
91 100
92 51.7 27.1 81.3
134 24.1 12.7 38.1

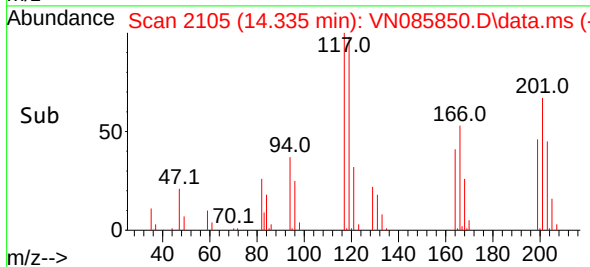
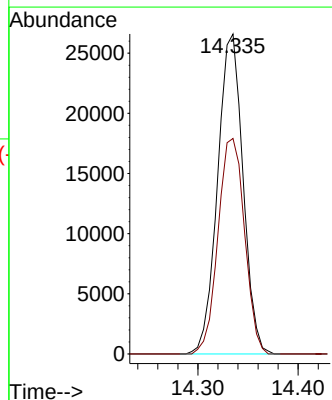
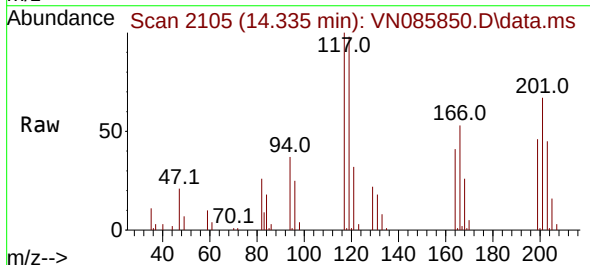
Manual Integrations
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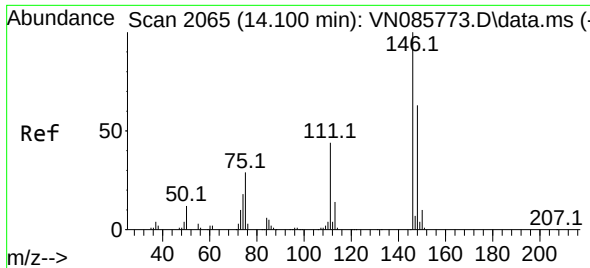
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#90
Hexachloroethane
Concen: 18.871 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Tgt Ion:117 Resp: 46787
Ion Ratio Lower Upper
117 100
201 70.2 35.6 106.9





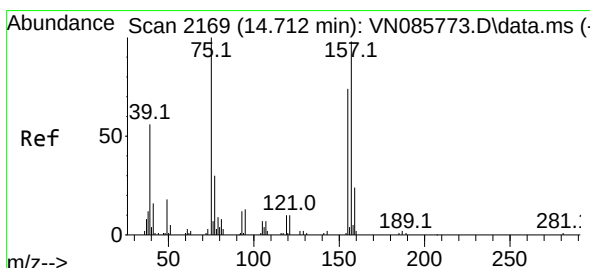
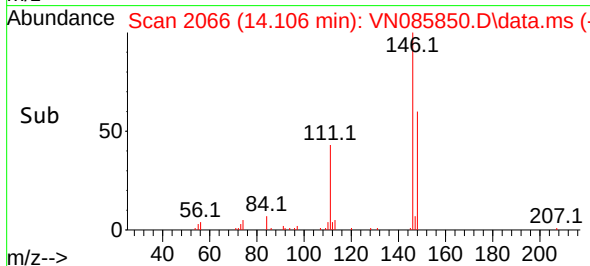
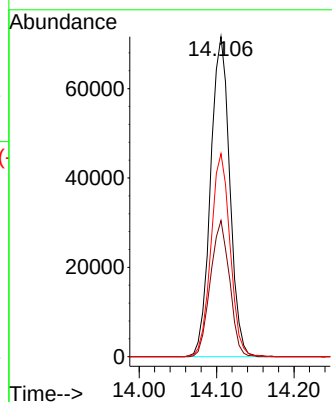
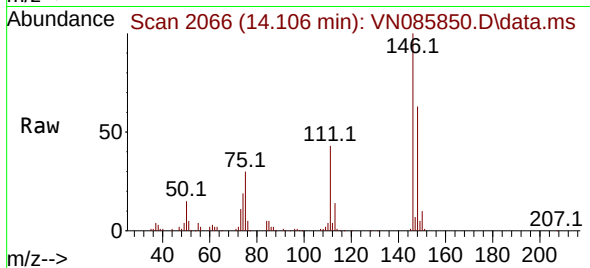
#91
1,2-Dichlorobenzene
Concen: 18.737 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion:146 Resp: 12336
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.3
148 63.3 32.0 96.2

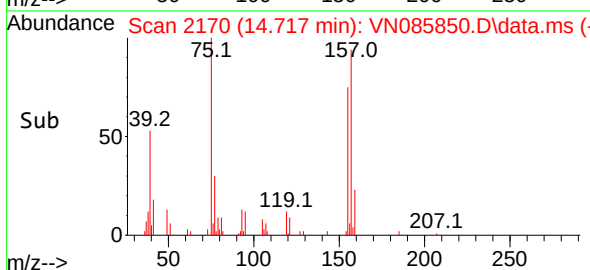
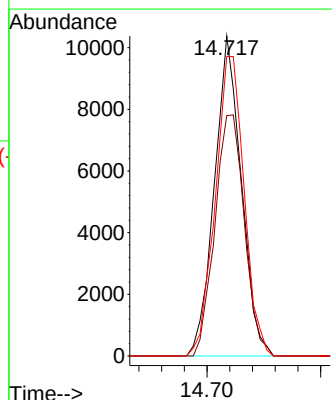
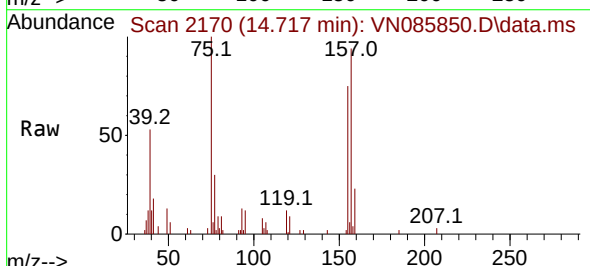
Manual Integrations
APPROVED

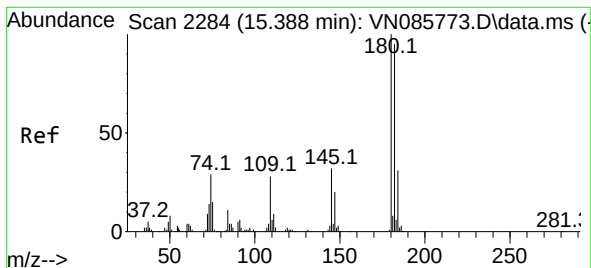
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.934 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085850.D
Acq: 25 Feb 2025 12:14

Tgt Ion: 75 Resp: 17037
Ion Ratio Lower Upper
75 100
155 82.6 39.9 119.6
157 100.3 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 16.729 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085850.D

Acq: 25 Feb 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

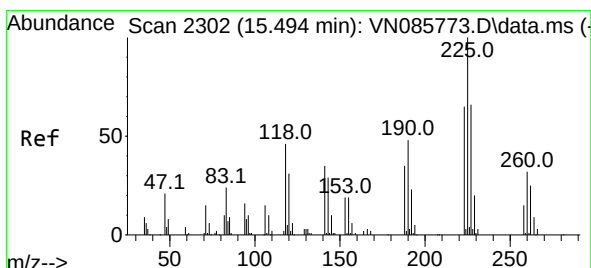
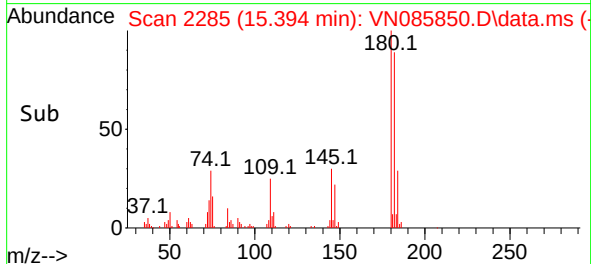
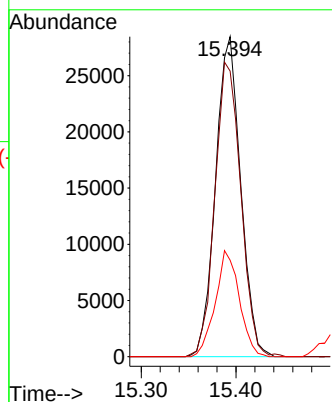
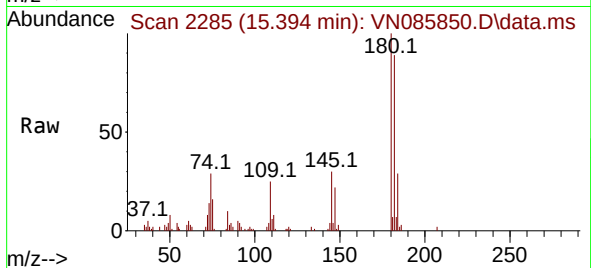
Tgt Ion:180	Resp:	5248
Ion Ratio	Lower	Upper
180	100	
182	94.8	47.3 141.9
145	31.7	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#94

Hexachlorobutadiene

Concen: 15.906 ug/l

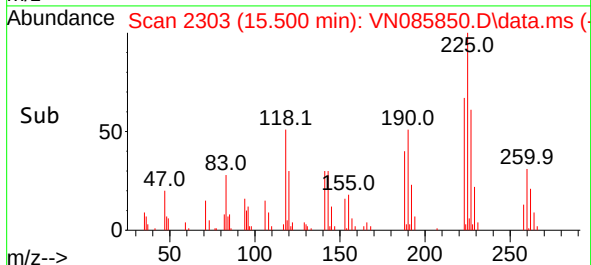
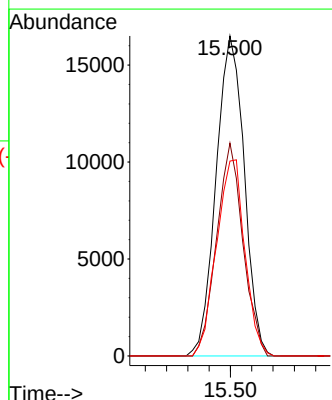
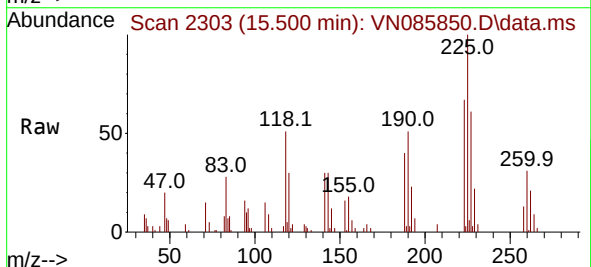
RT: 15.500 min Scan# 2303

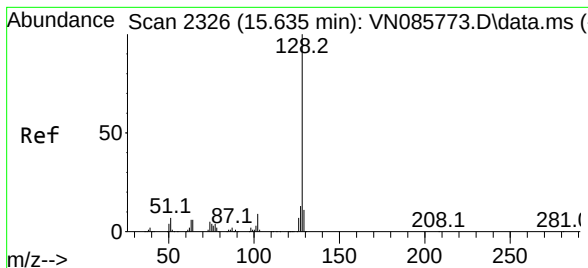
Delta R.T. 0.006 min

Lab File: VN085850.D

Acq: 25 Feb 2025 12:14

Tgt Ion:225	Resp:	30326
Ion Ratio	Lower	Upper
225	100	
223	62.4	31.9 95.5
227	61.7	32.2 96.6





#95

Naphthalene

Concen: 16.406 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN085850.D

Acq: 25 Feb 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

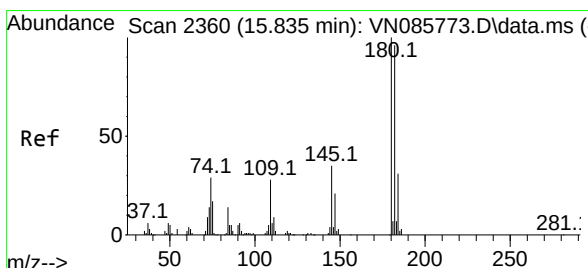
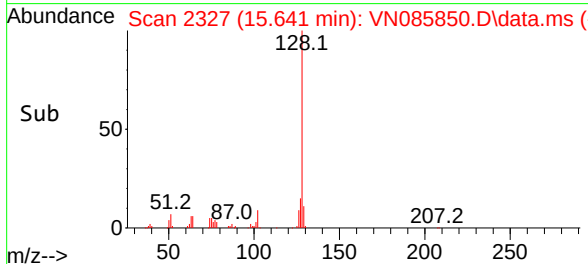
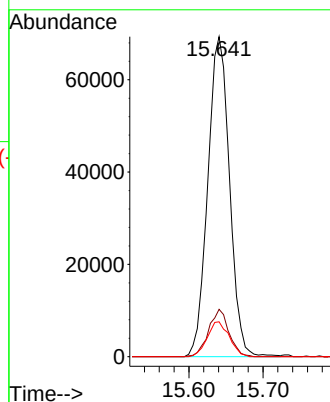
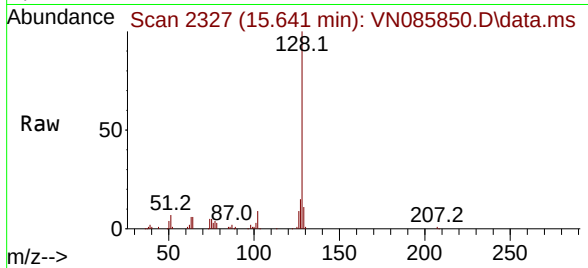
Tgt Ion:128	Resp: 14130
Ion Ratio	Lower Upper
128 100	
127 13.8	10.2 15.2
129 11.0	8.7 13.1

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#96

1,2,3-Trichlorobenzene

Concen: 16.530 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085850.D

Acq: 25 Feb 2025 12:14

Tgt Ion:180	Resp: 52062
Ion Ratio	Lower Upper
180 100	
182 95.9	47.3 141.8
145 33.7	16.9 50.6

