

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085832.D
 Acq On : 24 Feb 2025 13:03
 Operator : JC\MD
 Sample : VN0224WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2025
 Supervised By : Mahesh Dadoda 02/25/2025

Quant Time: Feb 25 01:51:43 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	257358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	436252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	378131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	189869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161971	48.544	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.080%		
35) Dibromofluoromethane	8.165	113	137284	48.092	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.180%		
50) Toluene-d8	10.565	98	512651	49.360	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.720%		
62) 4-Bromofluorobenzene	12.847	95	174876	51.104	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69150	19.754	ug/l	100
3) Chloromethane	2.359	50	68791	19.584	ug/l	97
4) Vinyl Chloride	2.512	62	73012	19.631	ug/l	100
5) Bromomethane	2.953	94	46451	19.532	ug/l	97
6) Chloroethane	3.118	64	47196	19.158	ug/l	96
7) Trichlorofluoromethane	3.500	101	105770	19.642	ug/l	99
8) Diethyl Ether	3.959	74	34319	19.697	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	64634	20.765	ug/l	98
10) Methyl Iodide	4.589	142	73721	19.214	ug/l	95
11) Tert butyl alcohol	5.518	59	52251	127.326	ug/l	98
12) 1,1-Dichloroethene	4.342	96	54469	19.300	ug/l	92
13) Acrolein	4.183	56	62974	103.481	ug/l	95
14) Allyl chloride	5.024	41	80176	21.637	ug/l	87
15) Acrylonitrile	5.718	53	150940	113.141	ug/l	98
16) Acetone	4.424	43	115747	109.635	ug/l	96
17) Carbon Disulfide	4.718	76	153488	18.350	ug/l	97
18) Methyl Acetate	5.018	43	81482	22.439	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	173790	20.722	ug/l	100
20) Methylene Chloride	5.271	84	69243	20.395	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	58755	19.334	ug/l	95
22) Diisopropyl ether	6.671	45	180545	21.563	ug/l	96
23) Vinyl Acetate	6.600	43	583064	101.705	ug/l	100
24) 1,1-Dichloroethane	6.565	63	116963	20.550	ug/l	99
25) 2-Butanone	7.483	43	178921	115.195	ug/l	98
26) 2,2-Dichloropropane	7.488	77	100657	19.888	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	69180	19.633	ug/l	98
28) Bromochloromethane	7.812	49	58338	24.937	ug/l	98
29) Tetrahydrofuran	7.841	42	120300	119.944	ug/l	98
30) Chloroform	7.965	83	123507	20.764	ug/l	96
31) Cyclohexane	8.253	56	88180	18.503	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	103967	19.652	ug/l	95
36) 1,1-Dichloropropene	8.371	75	78040	19.316	ug/l	99
37) Ethyl Acetate	7.559	43	74240	22.330	ug/l	97
38) Carbon Tetrachloride	8.359	117	94174	19.618	ug/l	97
39) Methylcyclohexane	9.600	83	70553	17.776	ug/l	95
40) Benzene	8.600	78	263157	20.323	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	38988	21.936	ug/l	97
42) 1,2-Dichloroethane	8.665	62	83774	19.862	ug/l	98
43) Isopropyl Acetate	8.688	43	128897	21.783	ug/l	97
44) Trichloroethene	9.347	130	59592	18.744	ug/l	98
45) 1,2-Dichloropropane	9.618	63	64913	20.768	ug/l	95
46) Dibromomethane	9.706	93	46181	20.947	ug/l	99
47) Bromodichloromethane	9.888	83	97351	20.639	ug/l	97
48) Methyl methacrylate	9.677	41	52939	21.440	ug/l	99
49) 1,4-Dioxane	9.688	88	24332	518.211	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	379660	118.440	ug/l	98
52) Toluene	10.629	92	160367	21.128	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	88415	20.271	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	100164	20.943	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	63105	20.910	ug/l	94
56) Ethyl methacrylate	10.871	69	82410	20.627	ug/l	99
57) 1,3-Dichloropropane	11.159	76	105668	20.975	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	188414	128.915	ug/l	99
59) 2-Hexanone	11.194	43	270234	122.544	ug/l	99
60) Dibromochloromethane	11.359	129	74702	21.258	ug/l	99
61) 1,2-Dibromoethane	11.465	107	60711	21.292	ug/l	98
64) Tetrachloroethene	11.100	164	56809	19.393	ug/l	99
65) Chlorobenzene	11.888	112	173970	20.083	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	64531	20.726	ug/l	99
67) Ethyl Benzene	11.959	91	272303	20.068	ug/l	100
68) m/p-Xylenes	12.070	106	221861	43.044	ug/l	97
69) o-Xylene	12.394	106	101081	20.638	ug/l	99
70) Styrene	12.412	104	173747	20.539	ug/l	99
71) Bromoform	12.576	173	51137	22.103	ug/l #	97
73) Isopropylbenzene	12.694	105	249636	19.191	ug/l	98
74) N-amyl acetate	12.494	43	92165	20.092	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	92003	20.554	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	73556m	17.440	ug/l	
77) Bromobenzene	12.976	156	69907	19.892	ug/l	97
78) n-propylbenzene	13.035	91	302379	20.298	ug/l	99
79) 2-Chlorotoluene	13.123	91	194800	19.571	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	218142	20.587	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	32780	22.677	ug/l	93
82) 4-Chlorotoluene	13.217	91	197799	20.046	ug/l	100
83) tert-Butylbenzene	13.435	119	172236	19.330	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	221104	21.091	ug/l	98
85) sec-Butylbenzene	13.612	105	246640	19.591	ug/l	100
86) p-Isopropyltoluene	13.729	119	201013	18.730	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	126500	19.213	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	126841	18.796	ug/l	98
89) n-Butylbenzene	14.053	91	158686	17.753	ug/l	96
90) Hexachloroethane	14.329	117	45668	19.154	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	123530	19.510	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16177	19.681	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	51385	17.032	ug/l	98
94) Hexachlorobutadiene	15.500	225	30590	16.683	ug/l	97
95) Naphthalene	15.641	128	143702	17.349	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	53096	17.530	ug/l	99

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ClientSampleId :
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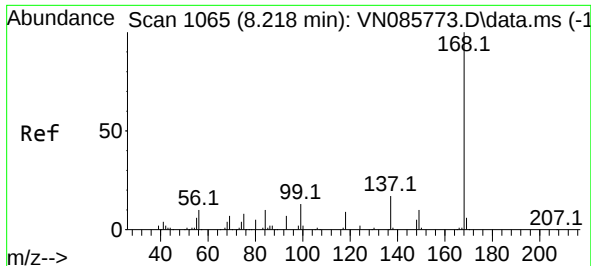
Manual Integrations
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Quant Time: Feb 25 01:51:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

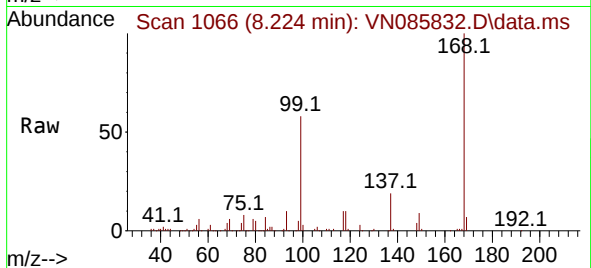
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085832.D
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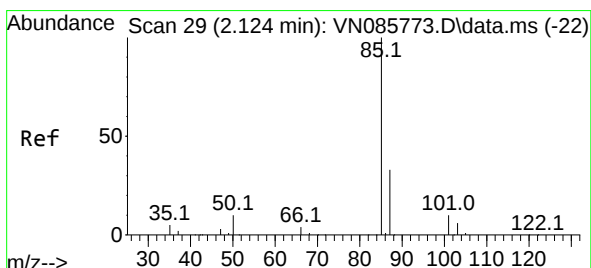
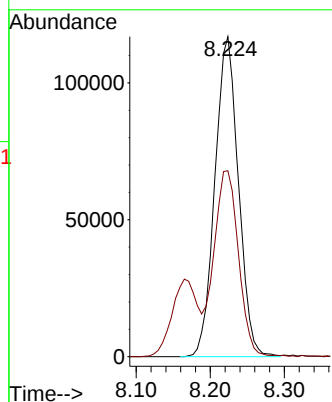
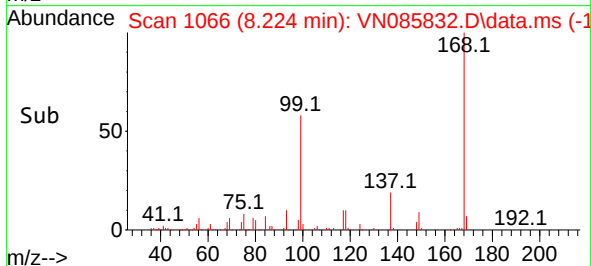
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion:168 Resp: 257358
Ion Ratio Lower Upper
168 100
99 57.7 47.9 71.9

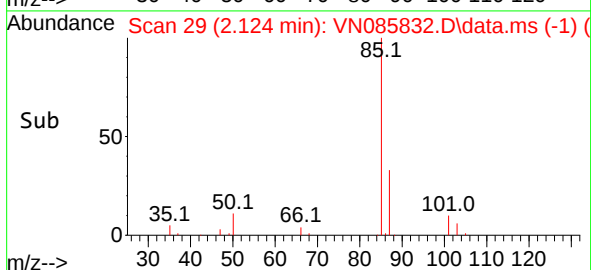
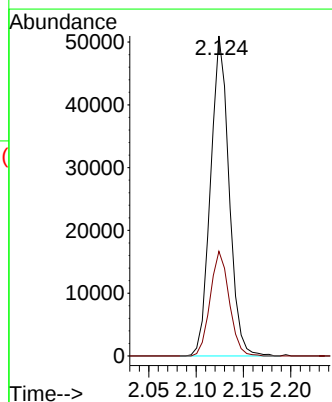
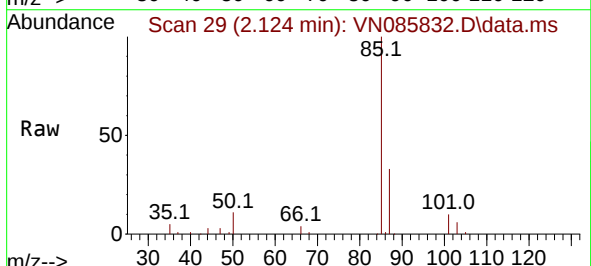
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 19.754 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Tgt Ion: 85 Resp: 69150
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.2





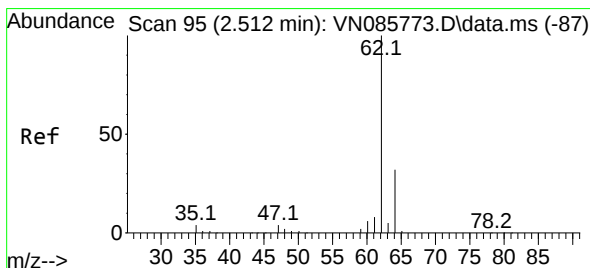
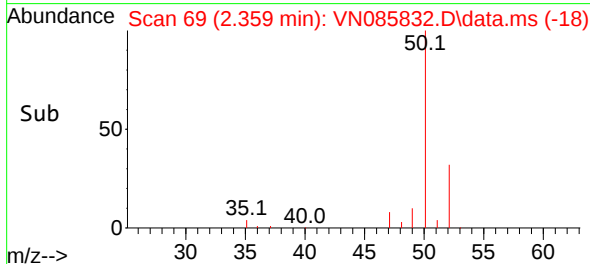
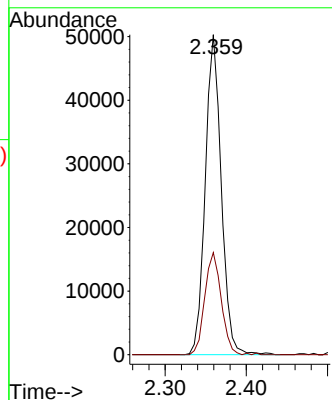
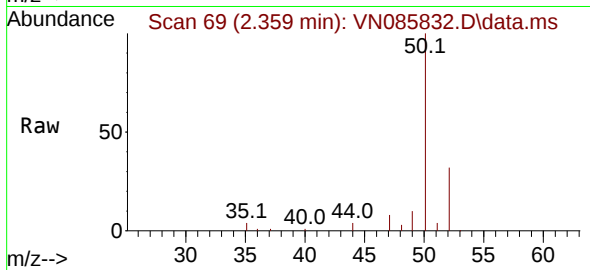
#3
Chloromethane
Concen: 19.584 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion: 50 Resp: 6879
Ion Ratio Lower Upper
50 100
52 31.9 26.7 40.1

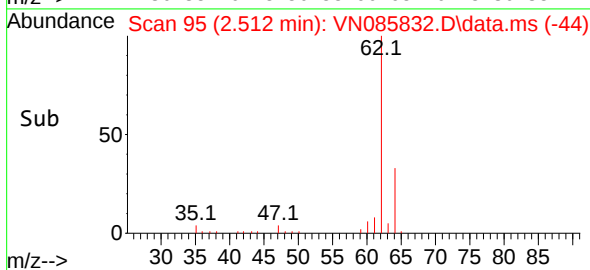
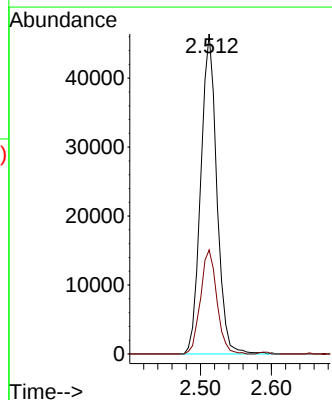
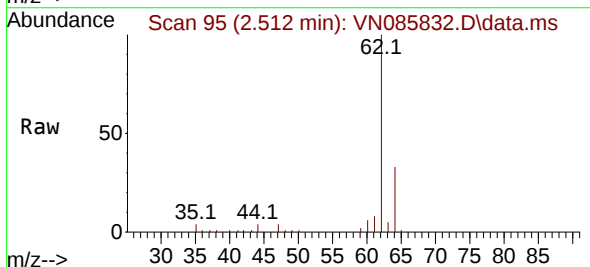
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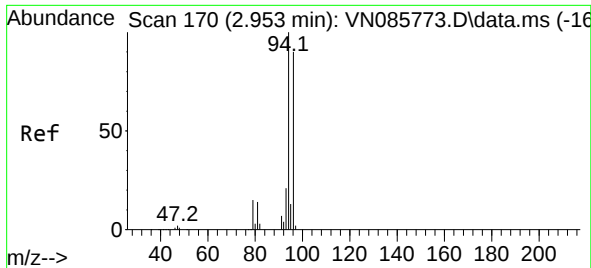
Reviewed By :John Carlone 02/25/2025
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#4
Vinyl Chloride
Concen: 19.631 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

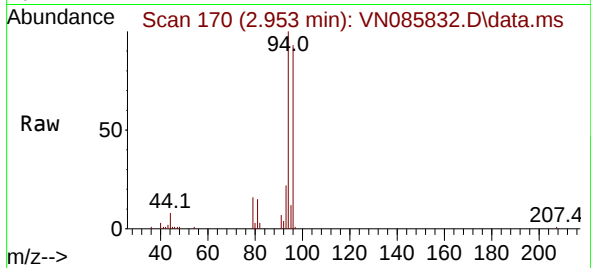
Tgt Ion: 62 Resp: 73012
Ion Ratio Lower Upper
62 100
64 32.5 25.9 38.9





#5
Bromomethane
Concen: 19.532 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

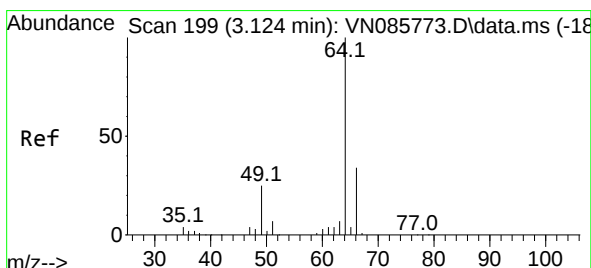
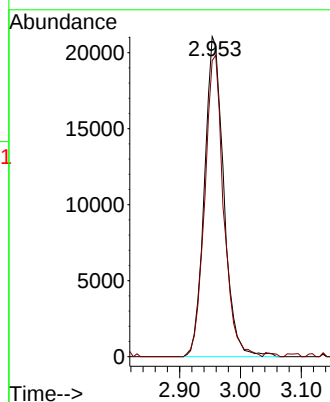
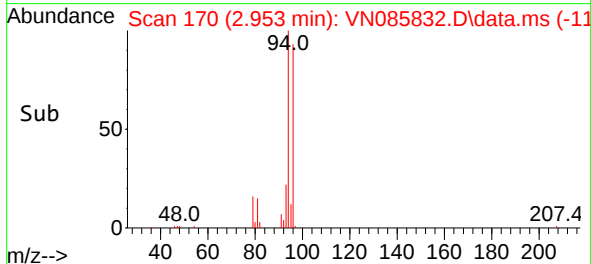
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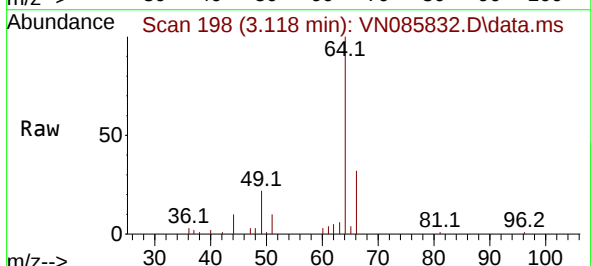
Tgt Ion: 94 Resp: 4645
Ion Ratio Lower Upper
94 100
96 92.6 71.7 107.5

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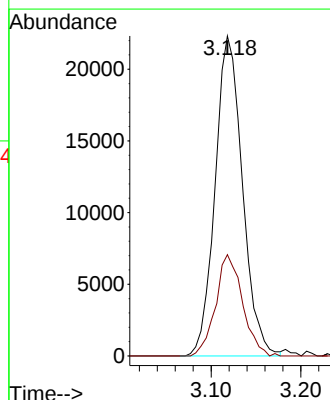
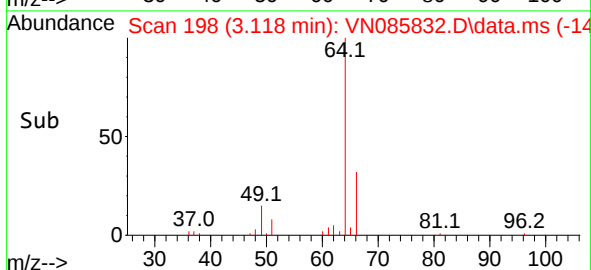
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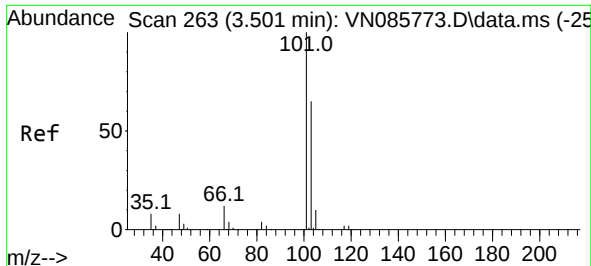


#6
Chloroethane
Concen: 19.158 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03



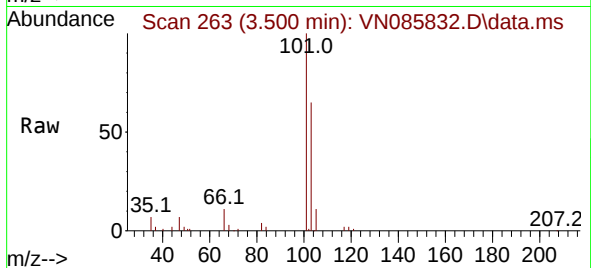
Tgt Ion: 64 Resp: 47196
Ion Ratio Lower Upper
64 100
66 31.7 27.0 40.6





#7
Trichlorofluoromethane
Concen: 19.642 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

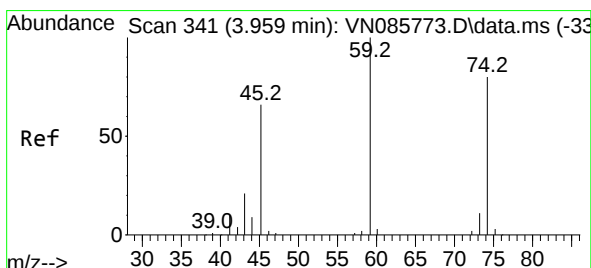
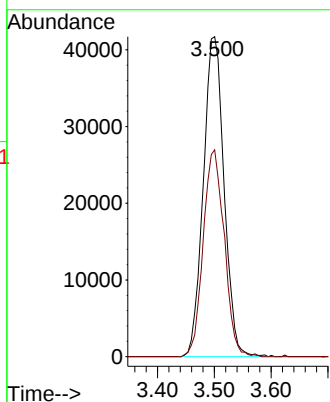
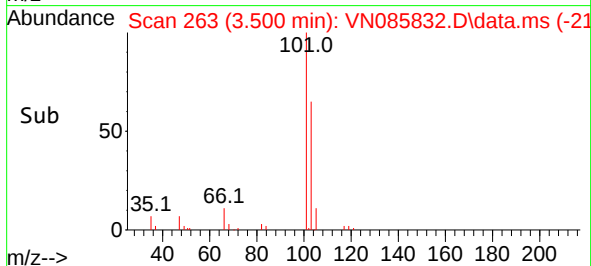
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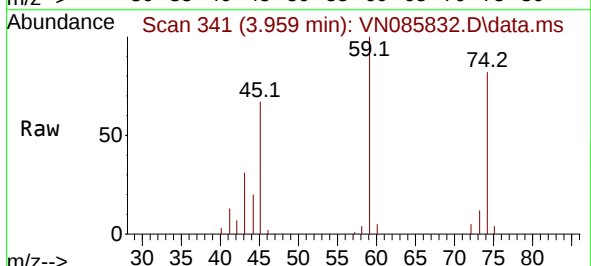
Tgt Ion:101 Resp: 105770
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4

Manual Integrations
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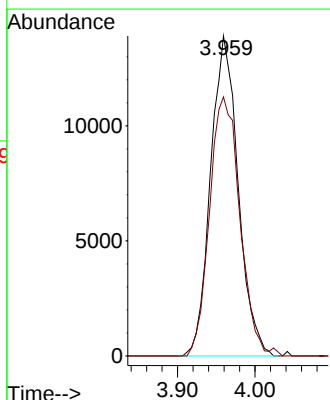
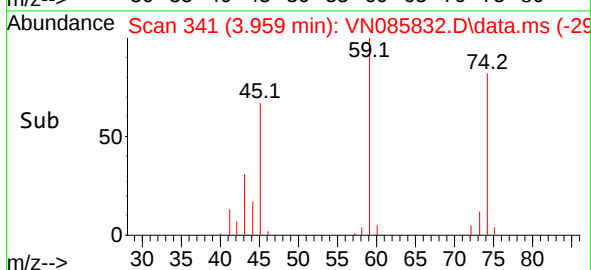
Reviewed By :John Carlone 02/25/2025
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#8
Diethyl Ether
Concen: 19.697 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN085832.D
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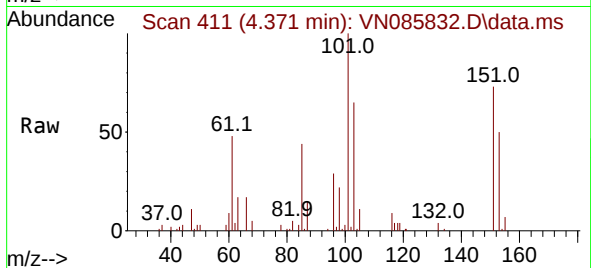
Tgt Ion: 74 Resp: 34319
Ion Ratio Lower Upper
74 100
45 88.9 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.765 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085832.D
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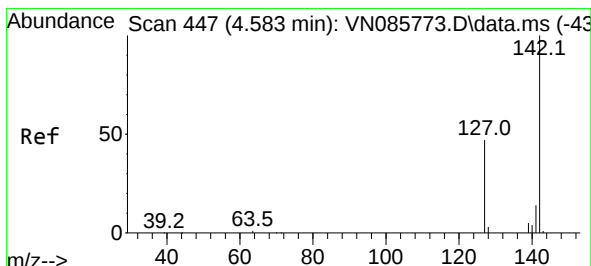
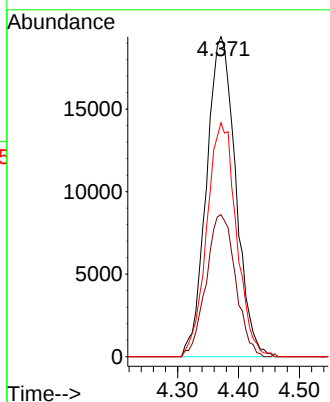
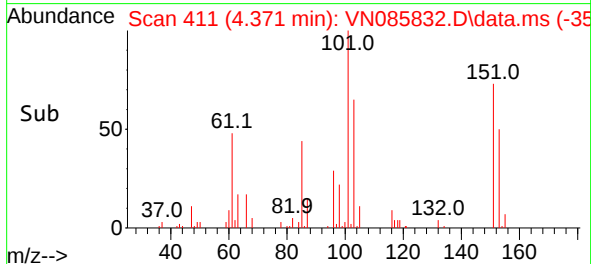
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ClientSampleId :
VN0224WBS01



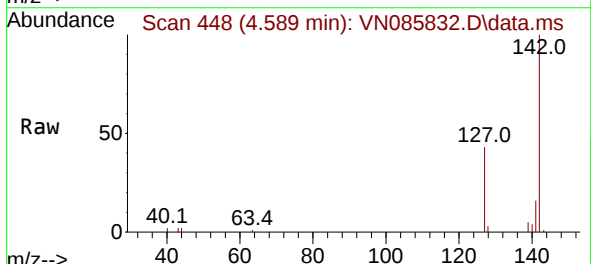
Tgt Ion:101 Resp: 64634
Ion Ratio Lower Upper
101 100
85 44.6 35.7 53.5
151 74.1 61.4 92.2

Manual Integrations
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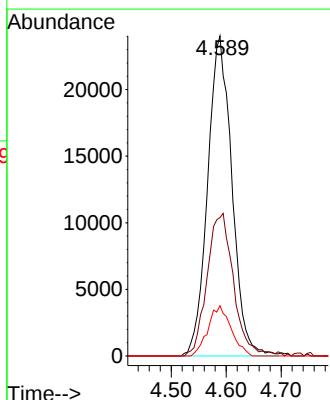
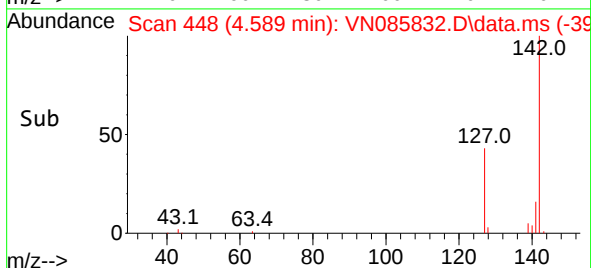
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#10
Methyl Iodide
Concen: 19.214 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03



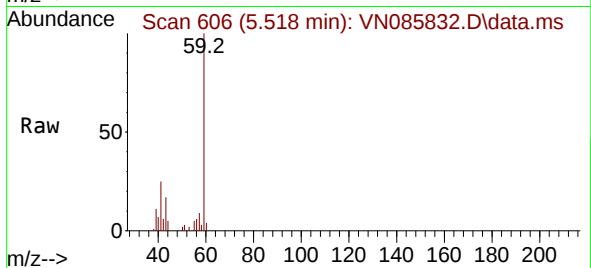
Tgt Ion:142 Resp: 73721
Ion Ratio Lower Upper
142 100
127 43.2 37.6 56.4
141 15.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 127.326 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

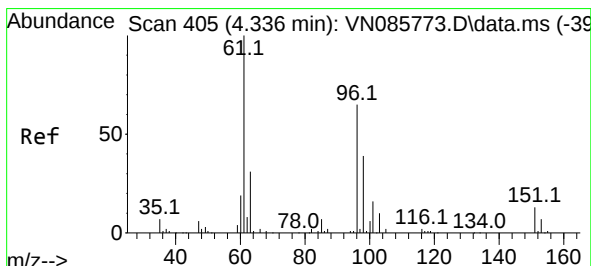
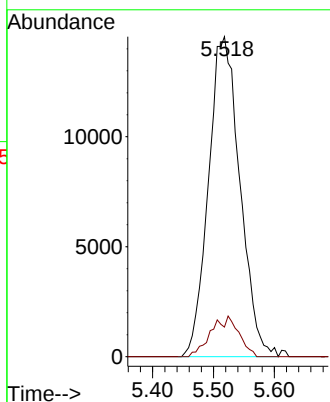
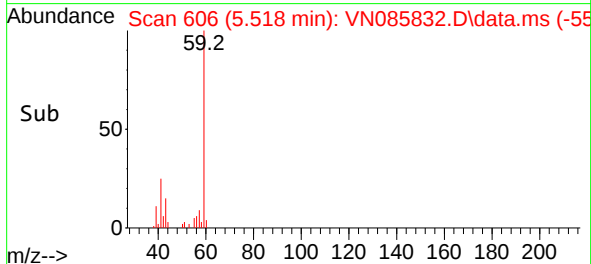
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



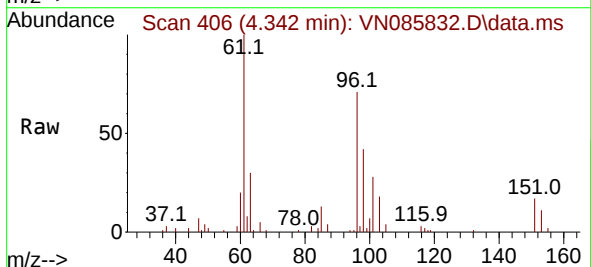
Tgt Ion: 59 Resp: 5225
Ion Ratio Lower Upper
59 100
57 11.3 8.3 12.5

Manual Integrations
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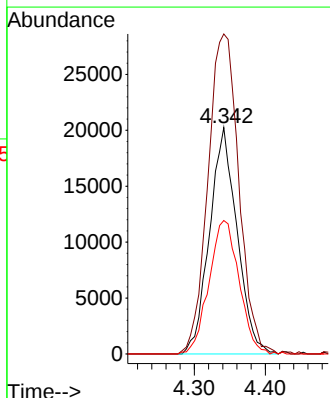
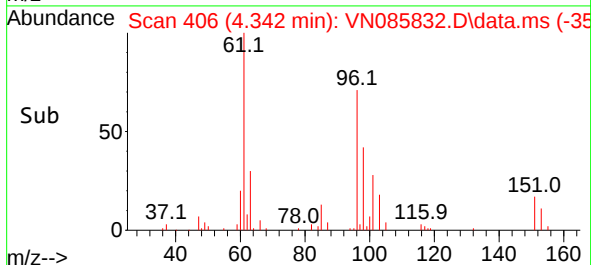
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#12
1,1-Dichloroethene
Concen: 19.300 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03



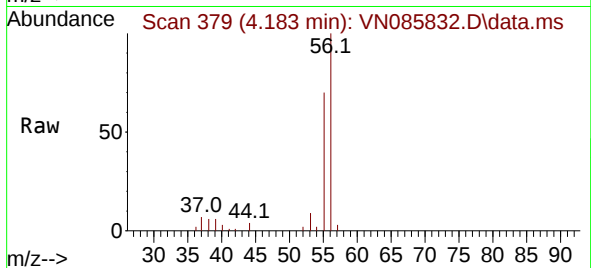
Tgt Ion: 96 Resp: 54469
Ion Ratio Lower Upper
96 100
61 141.3 123.3 184.9
98 59.0 48.6 72.8





#13
Acrolein
Concen: 103.481 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

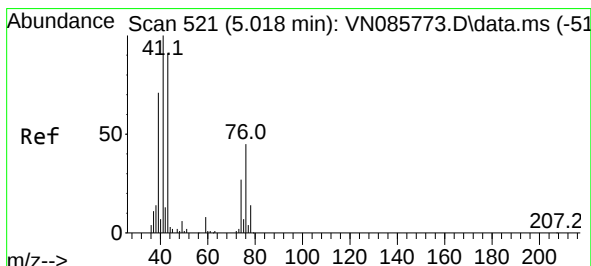
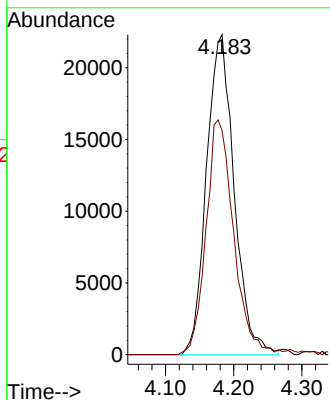
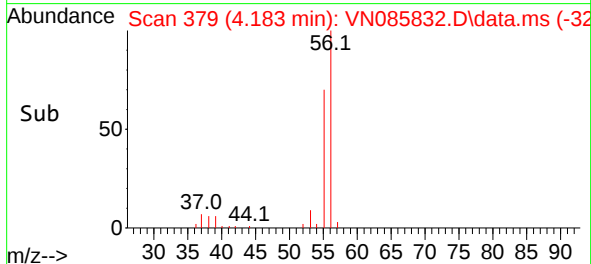
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



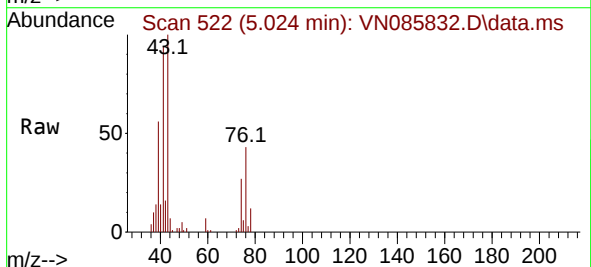
Tgt Ion: 56 Resp: 62974
Ion Ratio Lower Upper
56 100
55 73.2 55.3 82.9

Manual Integrations
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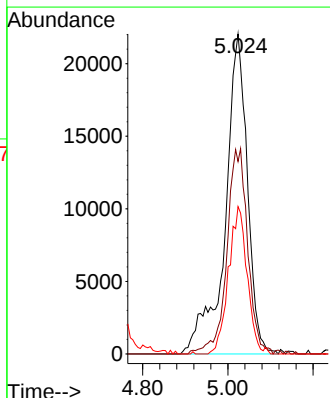
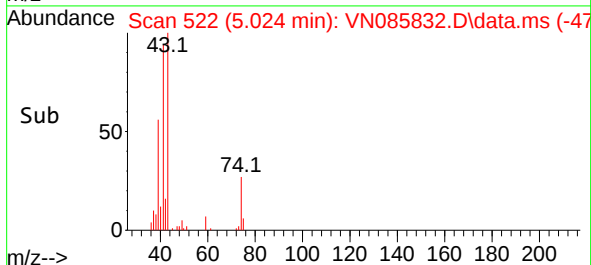
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

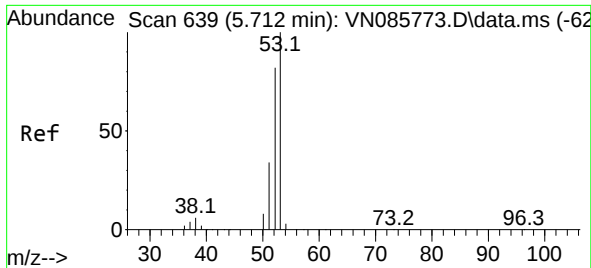


#14
Allyl chloride
Concen: 21.637 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03



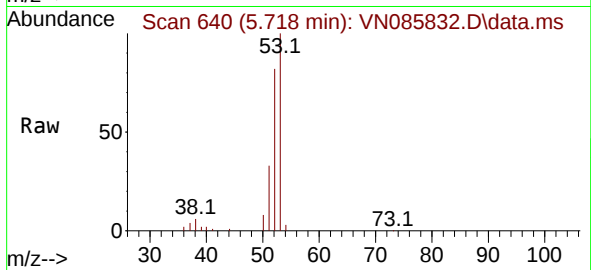
Tgt Ion: 41 Resp: 80176
Ion Ratio Lower Upper
41 100
39 60.0 57.4 86.2
76 38.6 36.2 54.2





#15
Acrylonitrile
Concen: 113.141 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

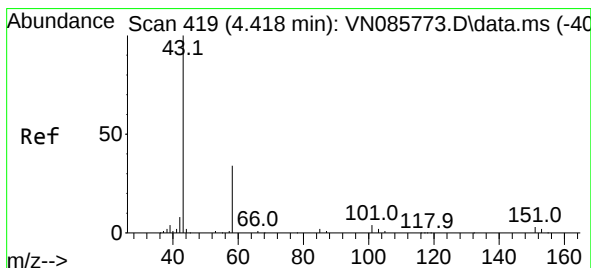
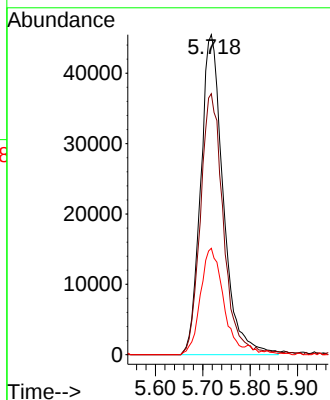
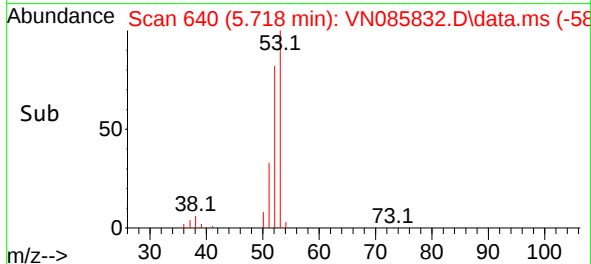
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



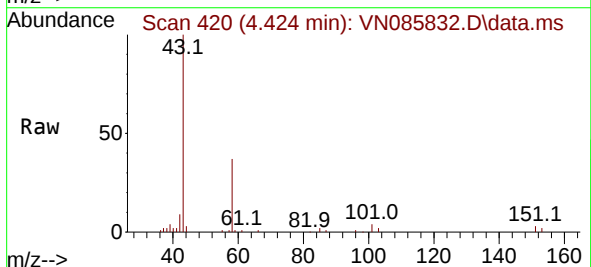
Tgt Ion: 53 Resp: 150940
Ion Ratio Lower Upper
53 100
52 82.8 65.8 98.6
51 33.3 28.6 42.8

Manual Integrations
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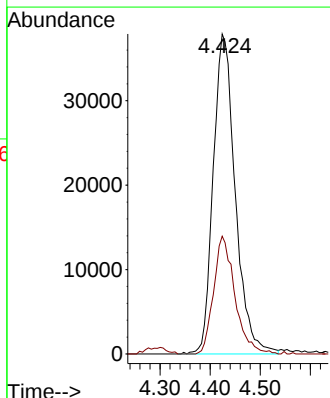
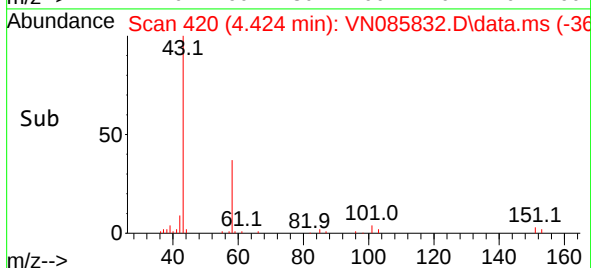
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

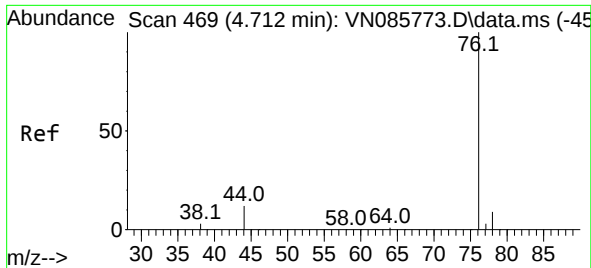


#16
Acetone
Concen: 109.635 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03



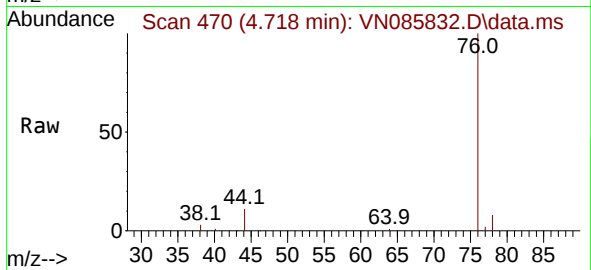
Tgt Ion: 43 Resp: 115747
Ion Ratio Lower Upper
43 100
58 36.8 27.5 41.3





#17
Carbon Disulfide
Concen: 18.350 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

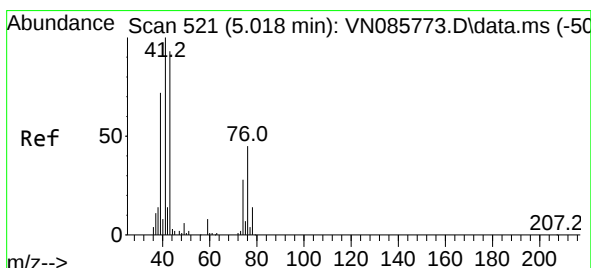
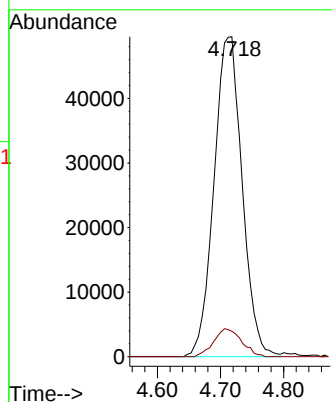
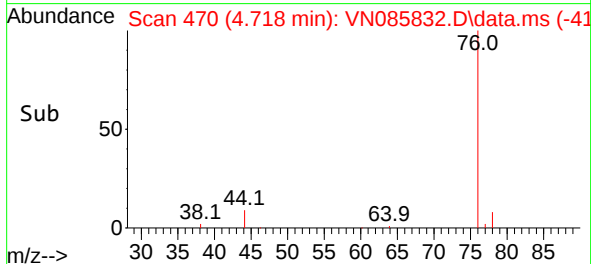
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 76 Resp: 15348
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0

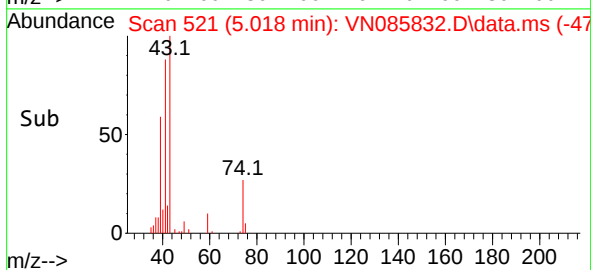
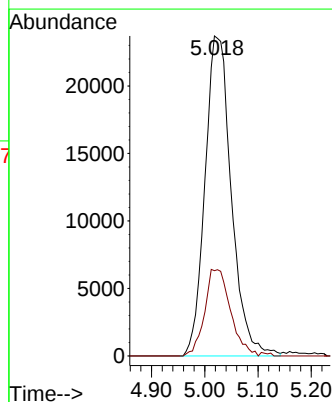
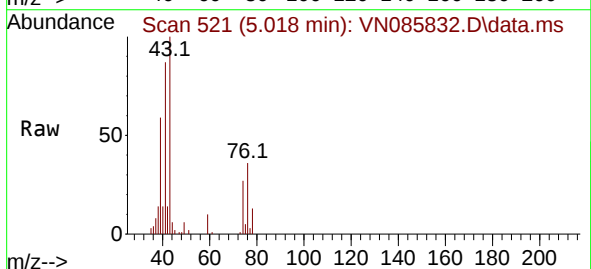
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#18
Methyl Acetate
Concen: 22.439 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Tgt Ion: 43 Resp: 81482
Ion Ratio Lower Upper
43 100
74 26.4 22.2 33.4





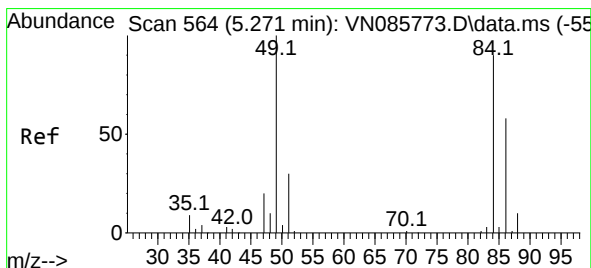
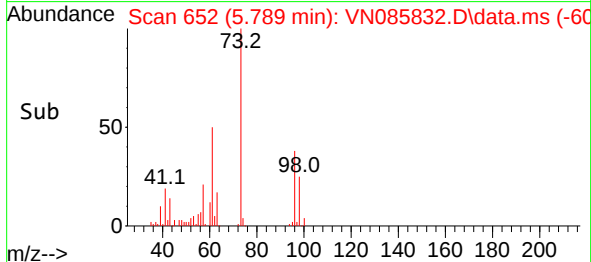
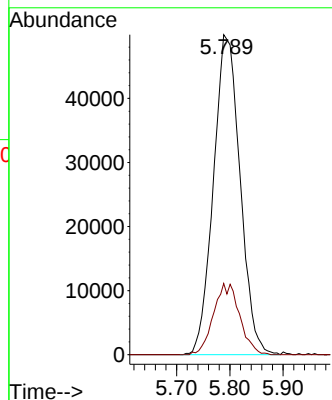
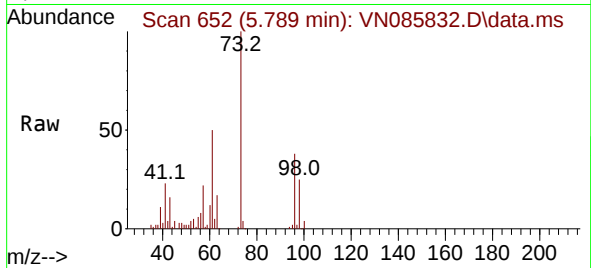
#19
Methyl tert-butyl Ether
Concen: 20.722 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion: 73 Resp: 173790
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

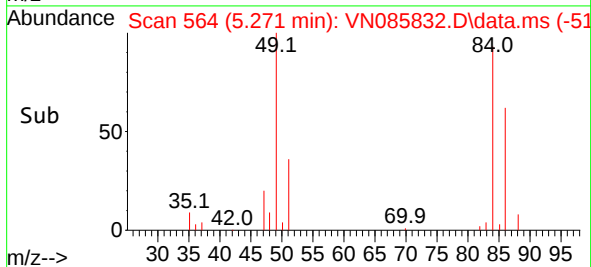
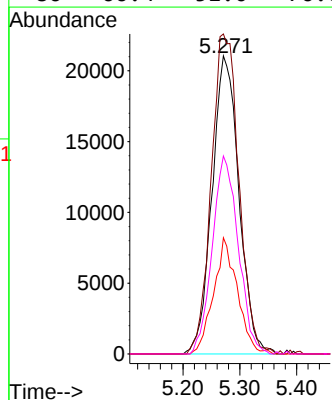
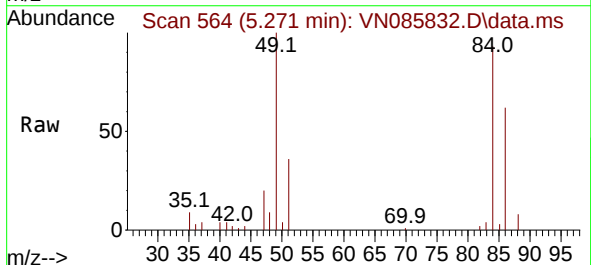
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#20
Methylene Chloride
Concen: 20.395 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

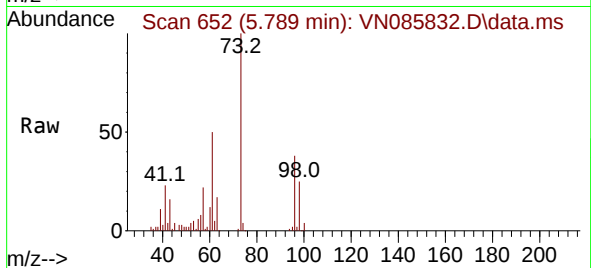
Tgt Ion: 84 Resp: 69243
Ion Ratio Lower Upper
84 100
49 107.4 88.4 132.6
51 39.0 26.6 40.0
86 66.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.334 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

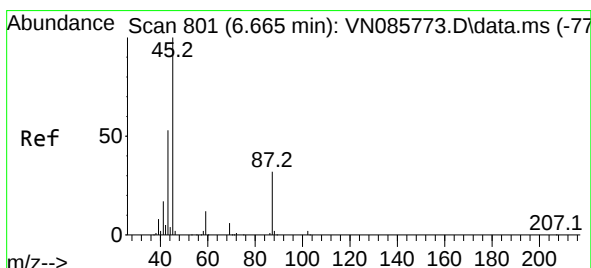
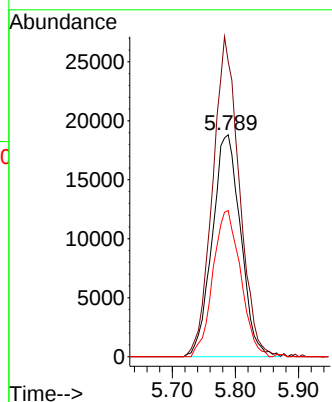
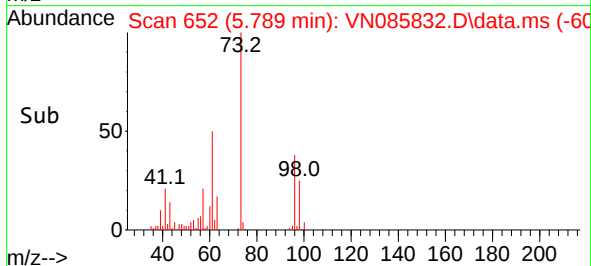
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



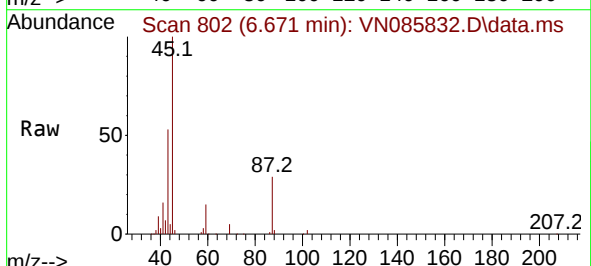
Tgt Ion: 96 Resp: 5875
Ion Ratio Lower Upper
96 100
61 133.0 112.6 168.8
98 65.9 53.3 79.9

Manual Integrations
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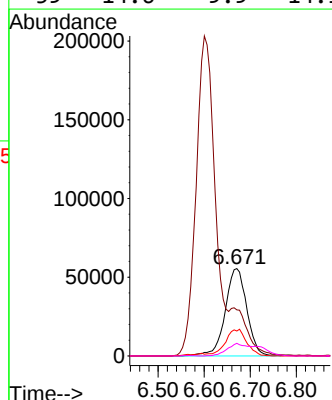
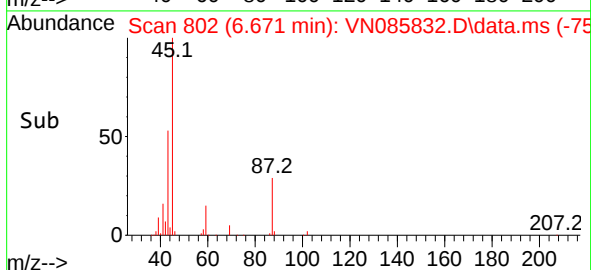
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#22
Diisopropyl ether
Concen: 21.563 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03



Tgt Ion: 45 Resp: 180545
Ion Ratio Lower Upper
45 100
43 51.3 42.6 64.0
87 28.6 25.8 38.8
59 14.6 9.9 14.9





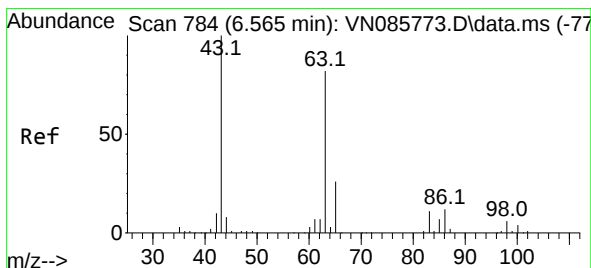
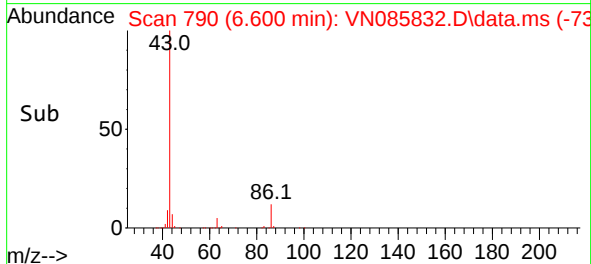
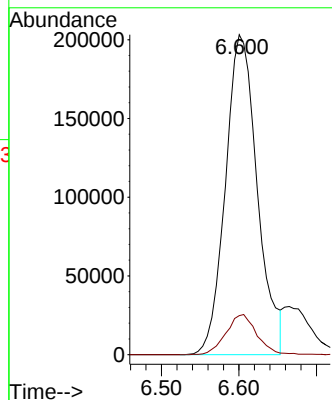
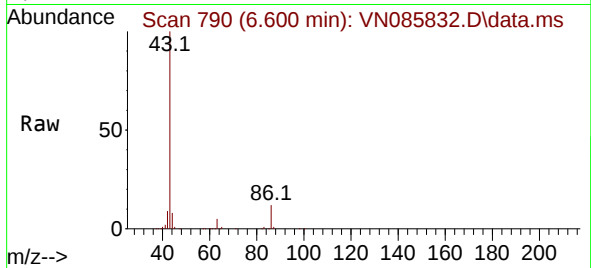
#23
 Vinyl Acetate
 Concen: 101.705 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085832.D
 Acq: 24 Feb 2025 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Tgt Ion: 43 Resp: 583064
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.8 14.8

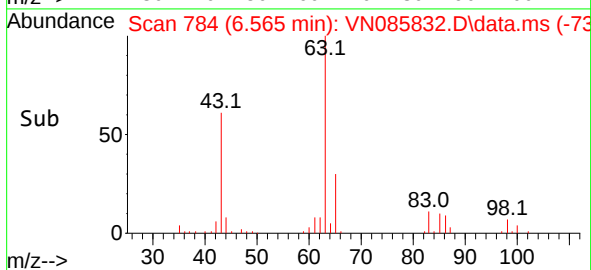
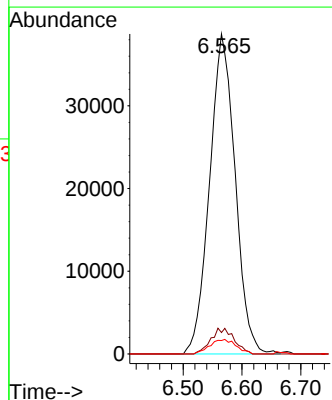
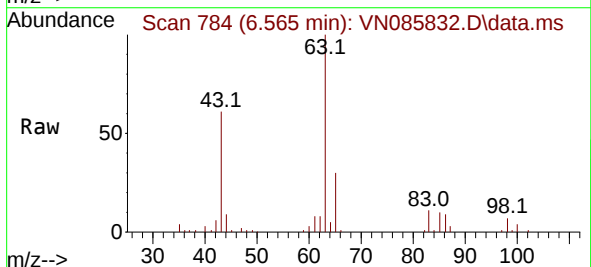
Manual Integrations
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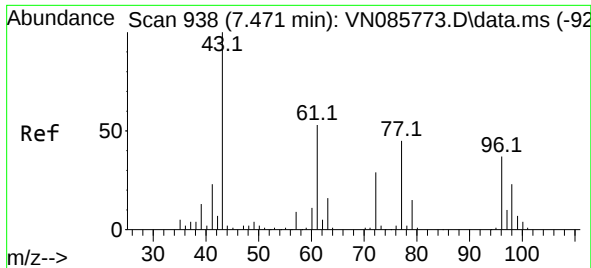
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#24
 1,1-Dichloroethane
 Concen: 20.550 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085832.D
 Acq: 24 Feb 2025 13:03

Tgt Ion: 63 Resp: 116963
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.2 2.4 7.2





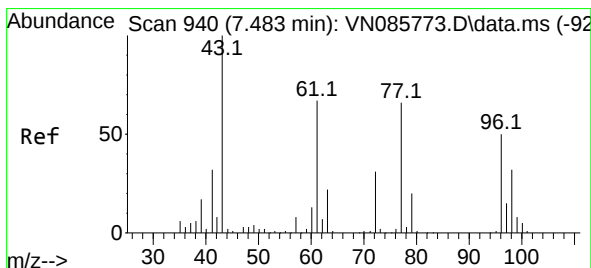
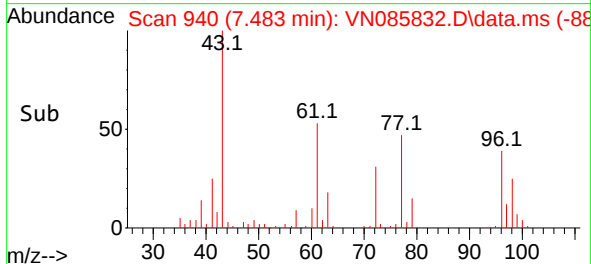
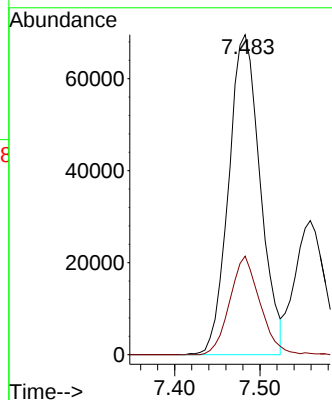
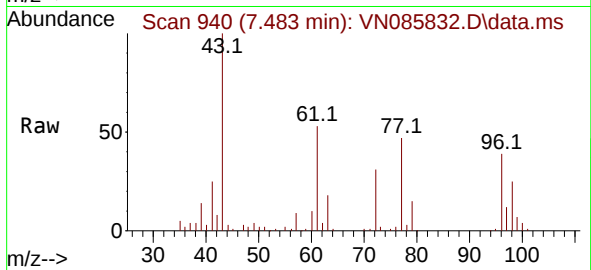
#25
2-Butanone
Concen: 115.195 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion: 43 Resp: 17892
Ion Ratio Lower Upper
43 100
72 30.8 23.6 35.4

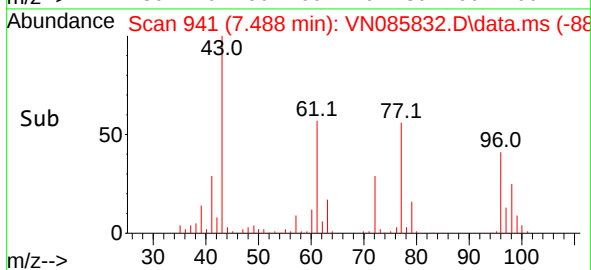
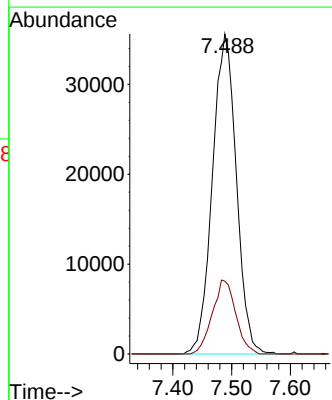
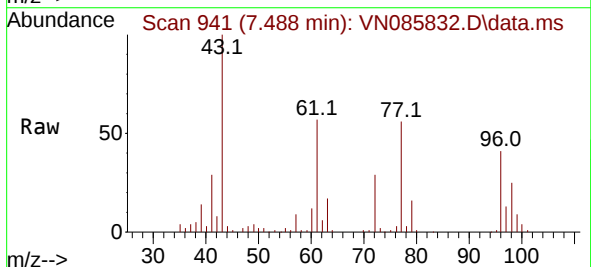
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#26
2,2-Dichloropropane
Concen: 19.888 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

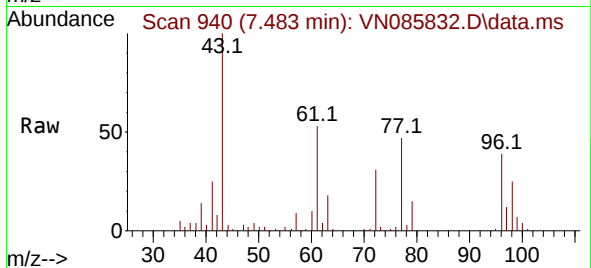
Tgt Ion: 77 Resp: 100657
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.633 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085832.D
 Acq: 24 Feb 2025 13:03

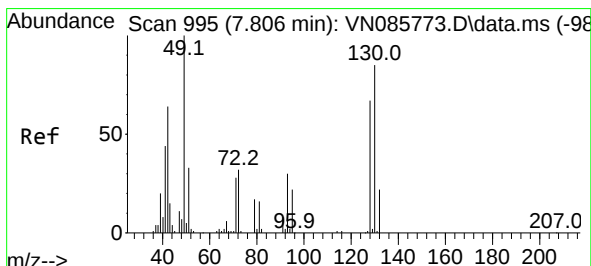
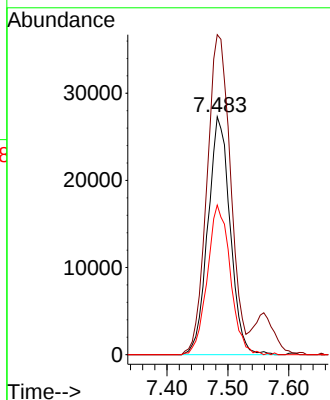
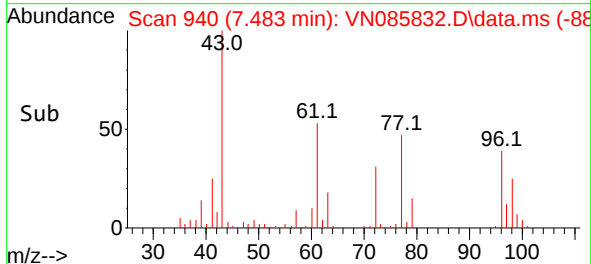
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01



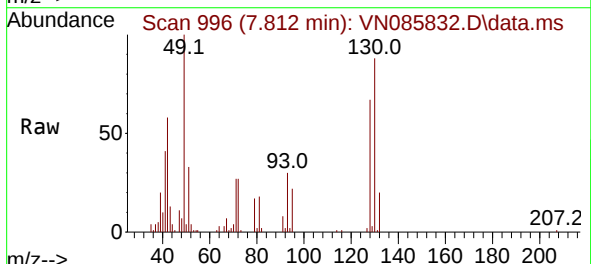
Tgt Ion: 96 Resp: 69180
 Ion Ratio Lower Upper
 96 100
 61 143.4 0.0 280.6
 98 65.0 0.0 128.6

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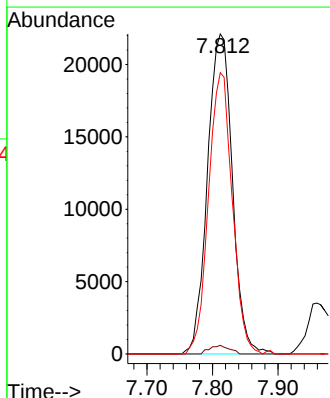
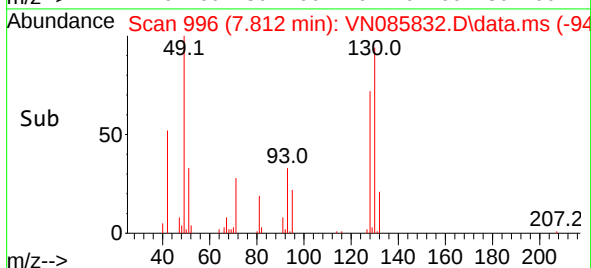
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025

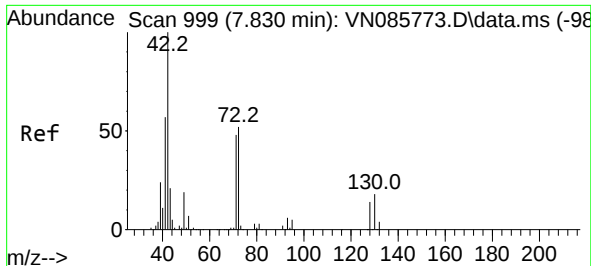


#28
 Bromochloromethane
 Concen: 24.937 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085832.D
 Acq: 24 Feb 2025 13:03



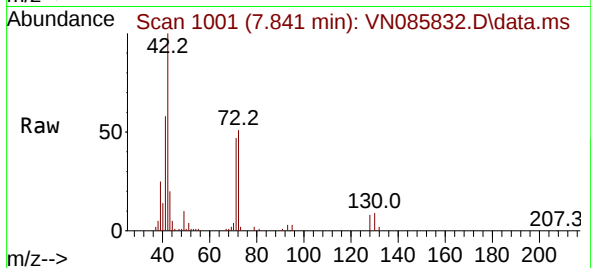
Tgt Ion: 49 Resp: 58338
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 83.6 68.0 102.0





#29
Tetrahydrofuran
Concen: 119.944 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

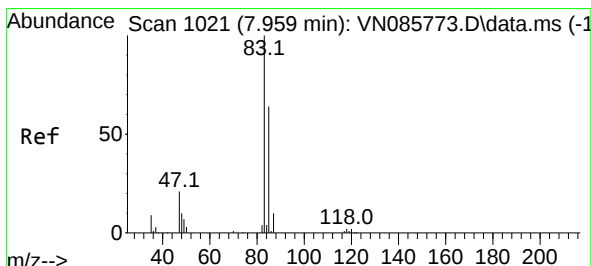
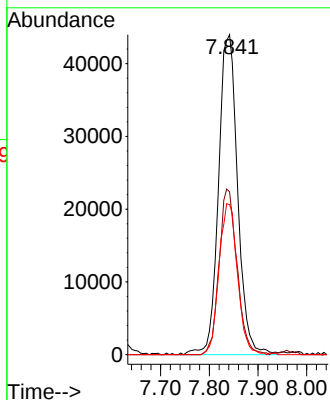
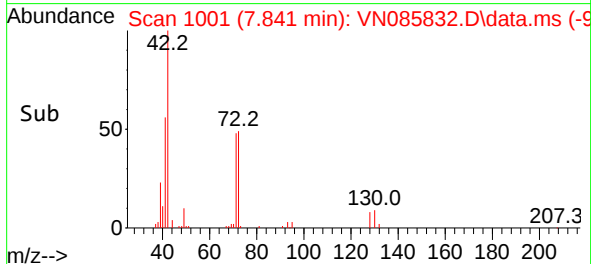
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 42 Resp: 120300
Ion Ratio Lower Upper
42 100
72 48.6 40.0 60.0
71 45.5 37.0 55.4

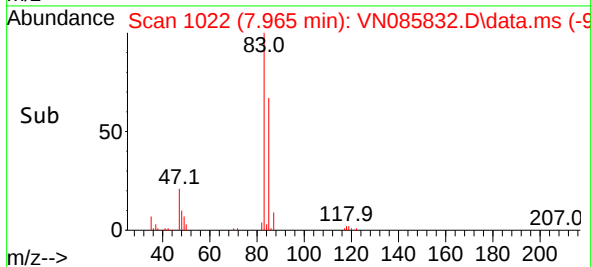
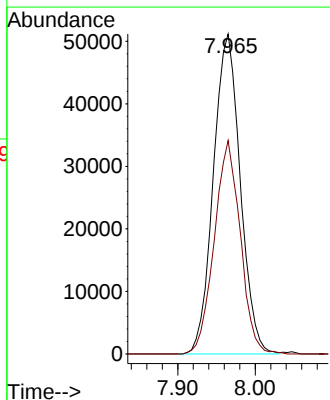
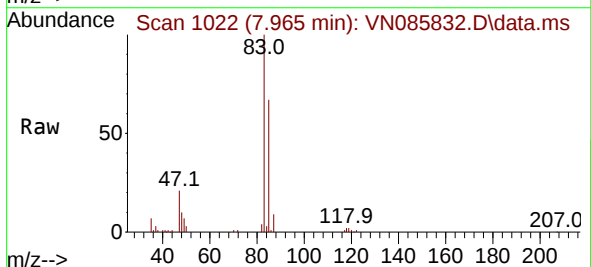
Manual Integrations
APPROVED

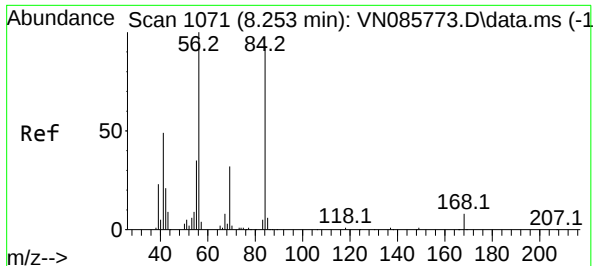
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#30
Chloroform
Concen: 20.764 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

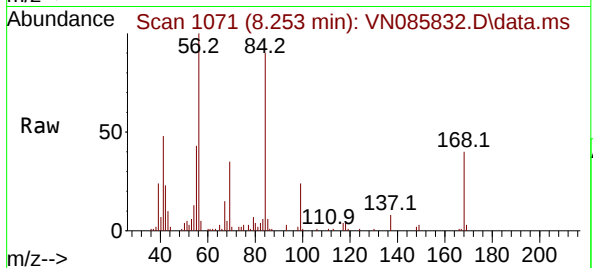
Tgt Ion: 83 Resp: 123507
Ion Ratio Lower Upper
83 100
85 66.7 50.9 76.3





#31
Cyclohexane
Concen: 18.503 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

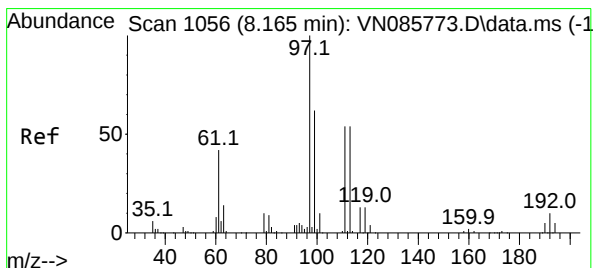
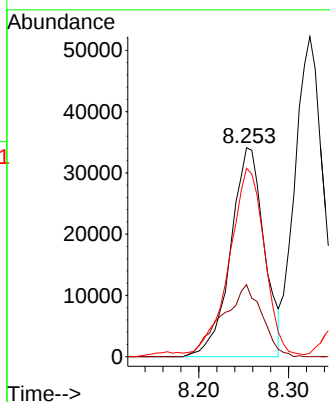
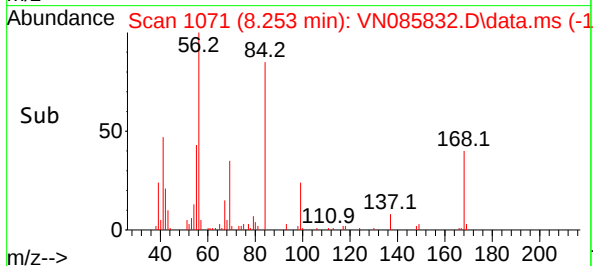
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



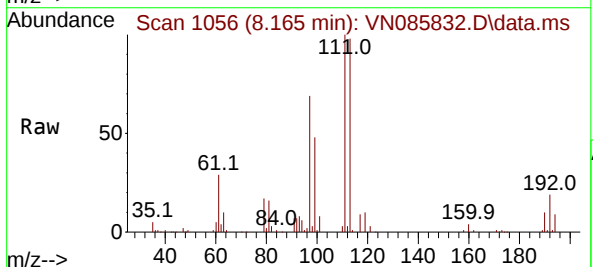
Tgt Ion: 56 Resp: 88180
Ion Ratio Lower Upper
56 100
69 34.5 25.8 38.6
84 88.2 74.5 111.7

Manual Integrations
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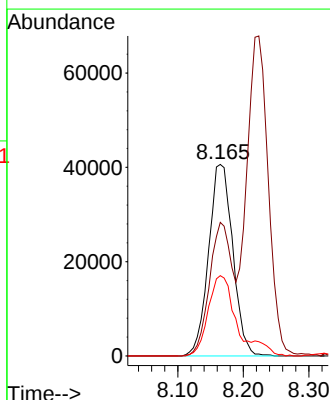
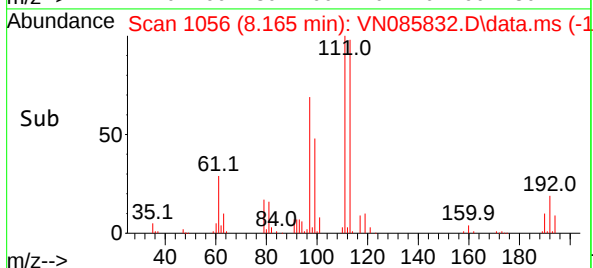
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#32
1,1,1-Trichloroethane
Concen: 19.652 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03



Tgt Ion: 97 Resp: 103967
Ion Ratio Lower Upper
97 100
99 65.4 50.4 75.6
61 49.6 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 48.544 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085832.D

Acq: 24 Feb 2025 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tgt Ion: 65 Resp: 16197

Ion Ratio Lower Upper

65 100

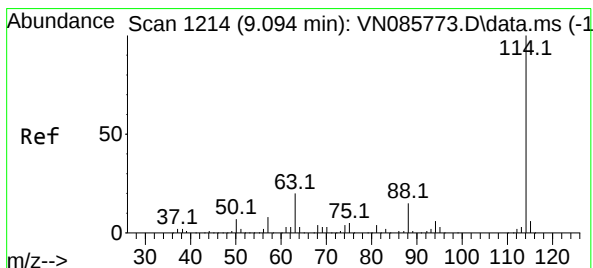
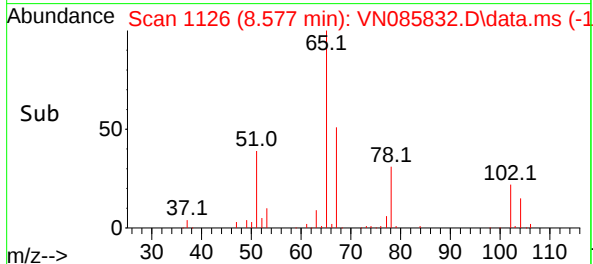
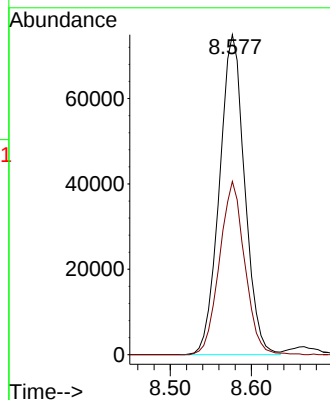
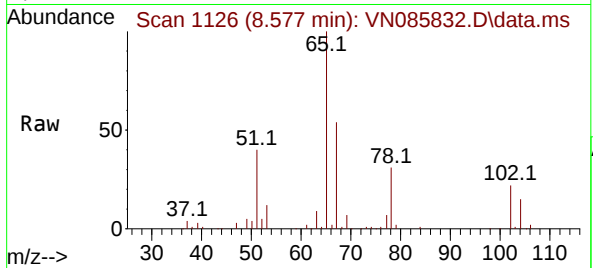
67 54.3 0.0 106.2

Manual Integrations

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Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085832.D

Acq: 24 Feb 2025 13:03

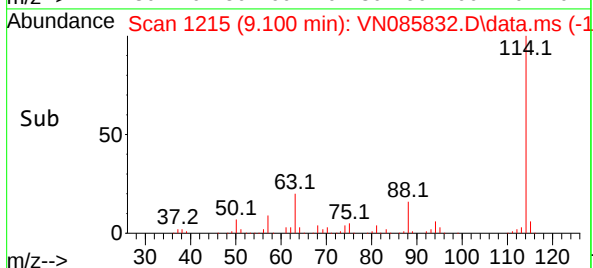
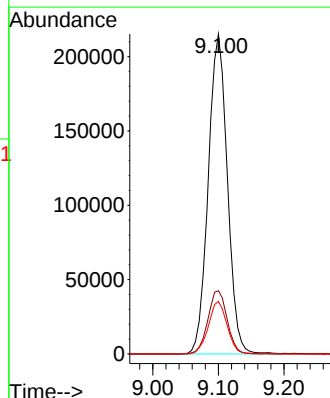
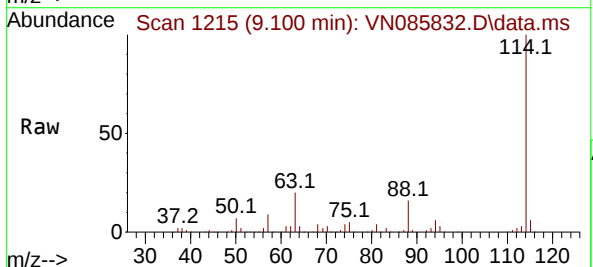
Tgt Ion:114 Resp: 436252

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 16.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.092 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085832.D

Acq: 24 Feb 2025 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tgt Ion: 113 Resp: 137284

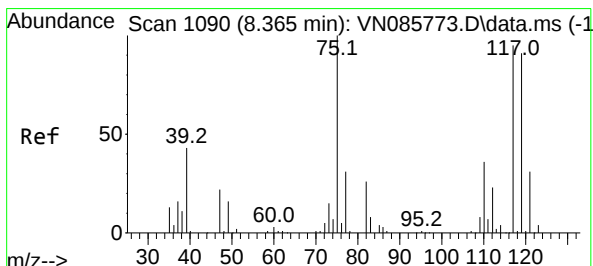
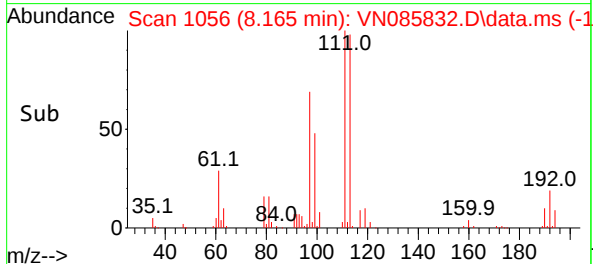
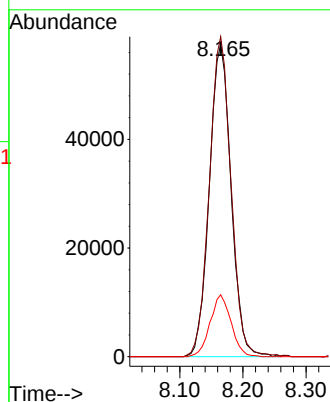
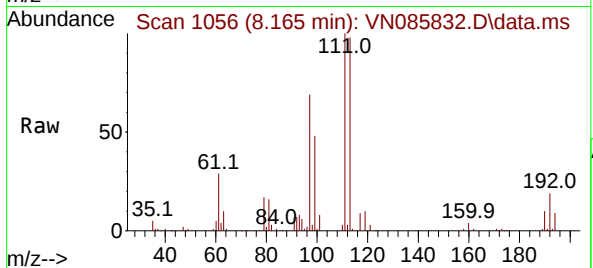
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	19.2	14.7	22.1

Manual Integrations

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Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#36

1,1-Dichloropropene

Concen: 19.316 ug/l

RT: 8.371 min Scan# 1091

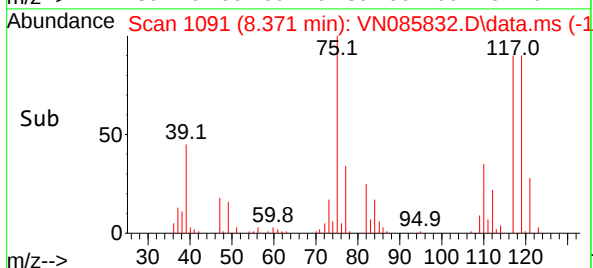
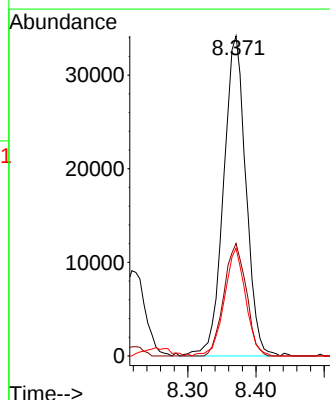
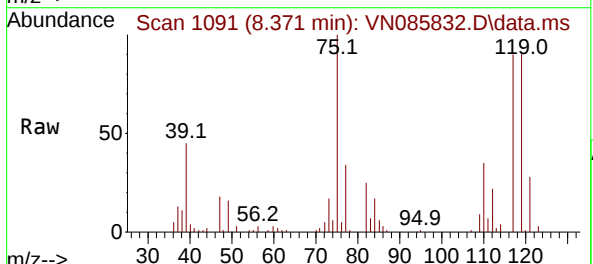
Delta R.T. 0.006 min

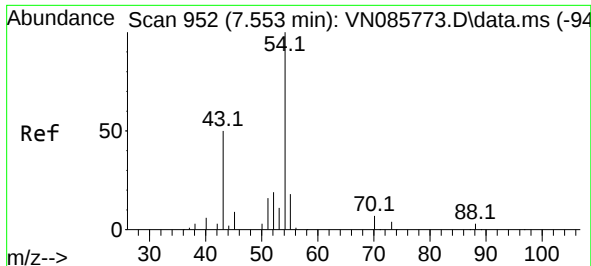
Lab File: VN085832.D

Acq: 24 Feb 2025 13:03

Tgt Ion: 75 Resp: 78040

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.3	52.0
77	32.2	24.6	37.0





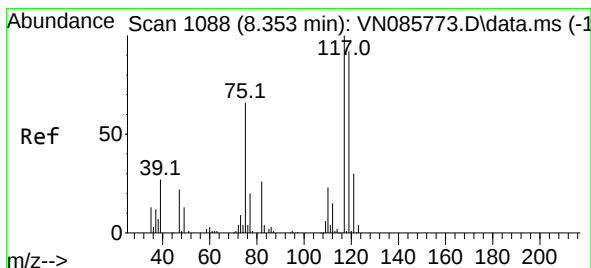
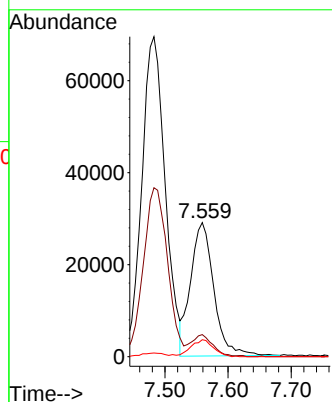
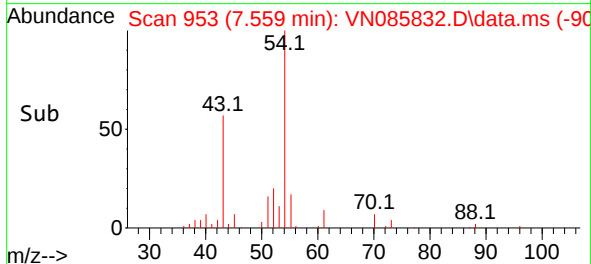
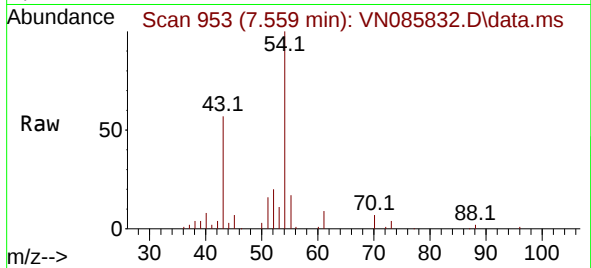
#37
Ethyl Acetate
Concen: 22.330 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion: 43 Resp: 74240
Ion Ratio Lower Upper
43 100
61 13.5 12.2 18.2
70 12.3 9.5 14.3

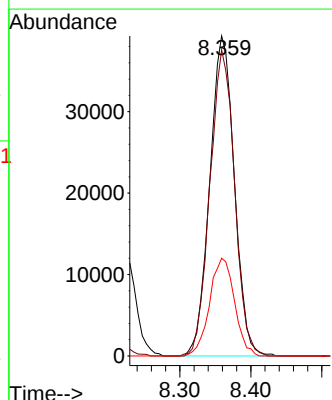
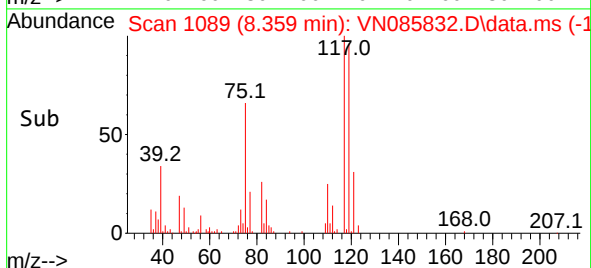
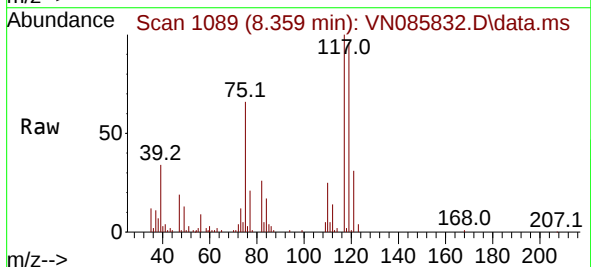
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#38
Carbon Tetrachloride
Concen: 19.618 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Tgt Ion:117 Resp: 94174
Ion Ratio Lower Upper
117 100
119 95.6 73.8 110.6
121 30.5 24.3 36.5





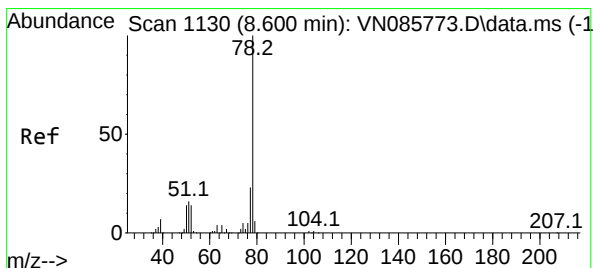
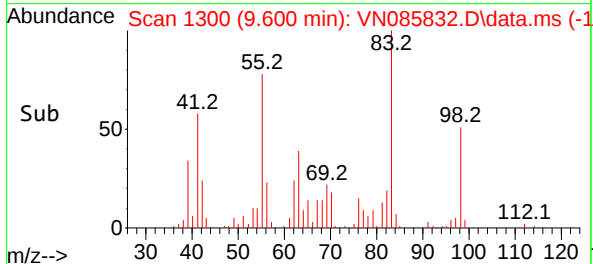
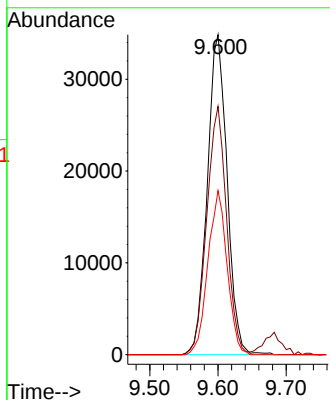
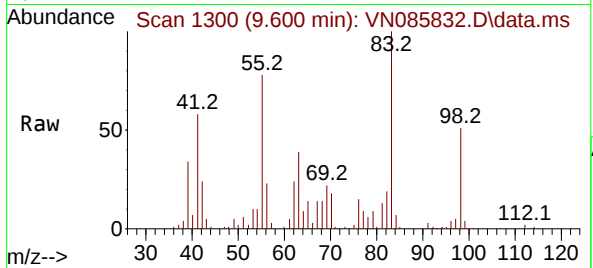
#39
Methylcyclohexane
Concen: 17.776 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion: 83 Resp: 7055
Ion Ratio Lower Upper
83 100
55 77.6 57.5 86.3
98 51.2 39.2 58.8

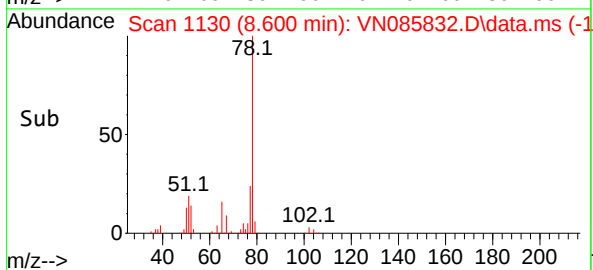
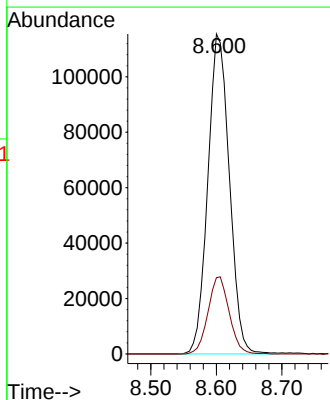
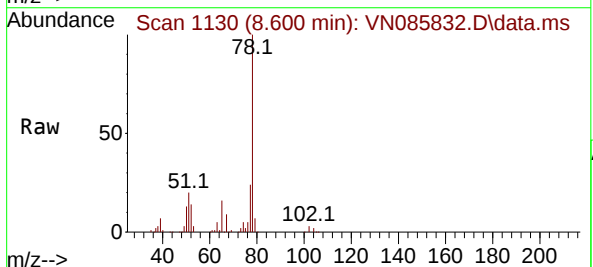
Manual Integrations
APPROVED

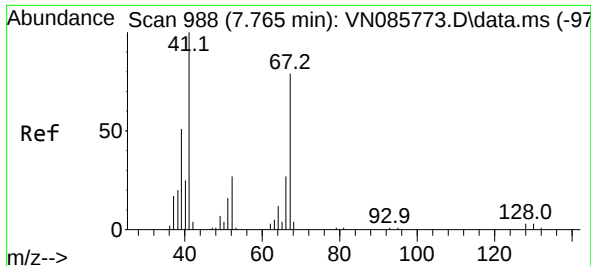
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#40
Benzene
Concen: 20.323 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

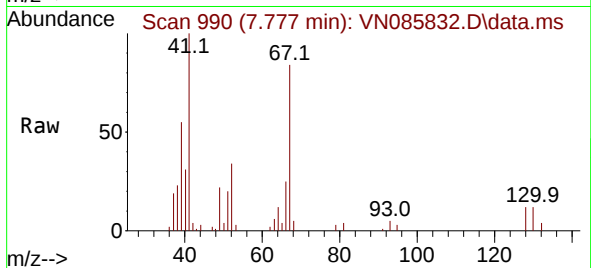
Tgt Ion: 78 Resp: 263157
Ion Ratio Lower Upper
78 100
77 23.8 18.3 27.5





#41
Methacrylonitrile
Concen: 21.936 ug/l
RT: 7.777 min Scan# 988
Delta R.T. 0.012 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

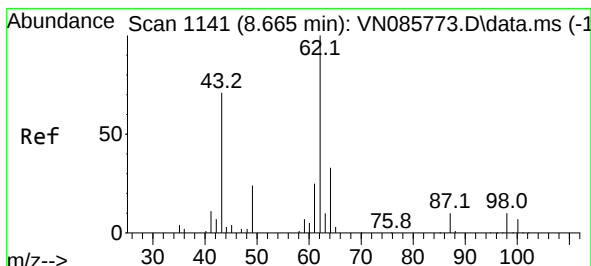
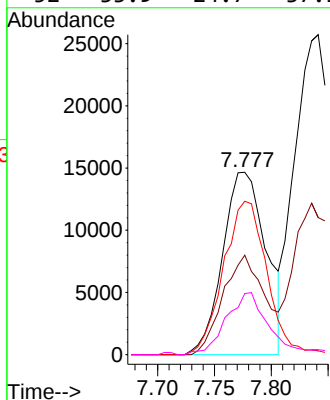
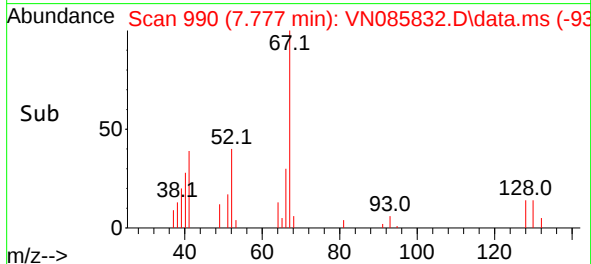
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 41 Resp: 3898
Ion Ratio Lower Upper
41 100
39 52.7 42.0 63.0
67 84.1 64.2 96.4
52 33.9 24.7 37.1

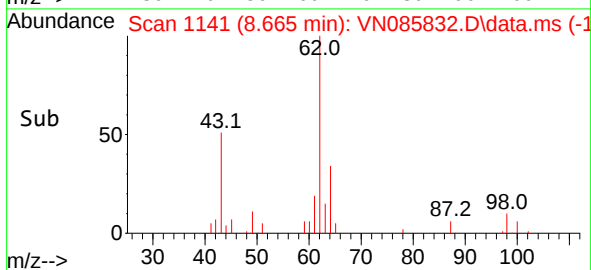
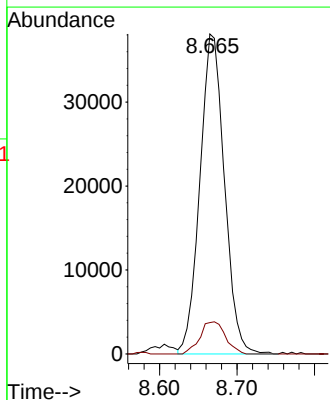
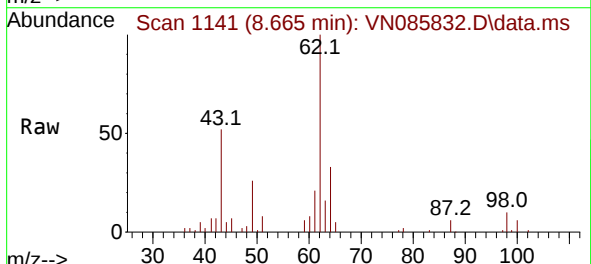
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#42
1,2-Dichloroethane
Concen: 19.862 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

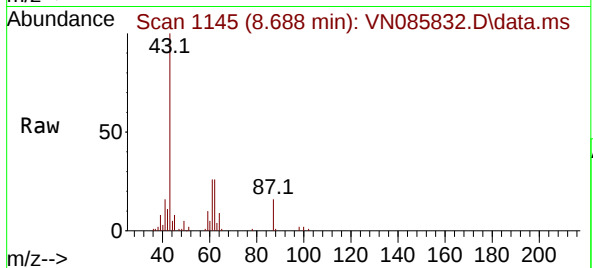
Tgt Ion: 62 Resp: 83774
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.6





#43
Isopropyl Acetate
Concen: 21.783 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

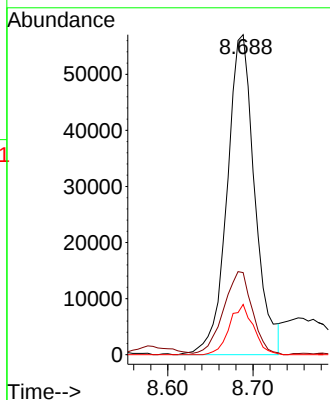
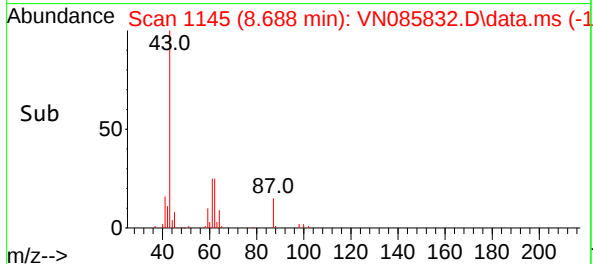
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 43 Resp: 12889
Ion Ratio Lower Upper
43 100
61 27.0 22.6 34.0
87 13.6 11.8 17.8

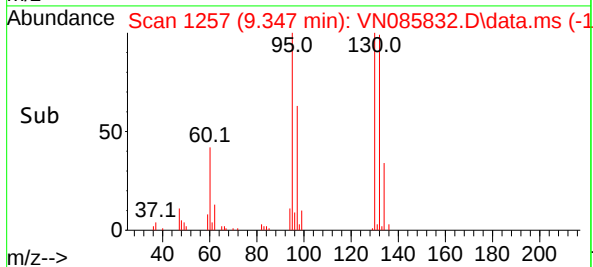
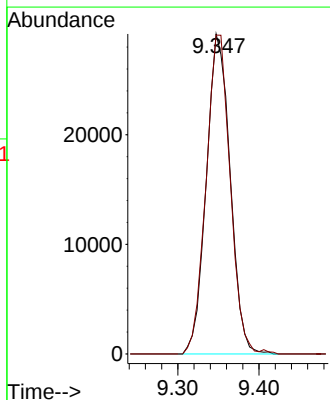
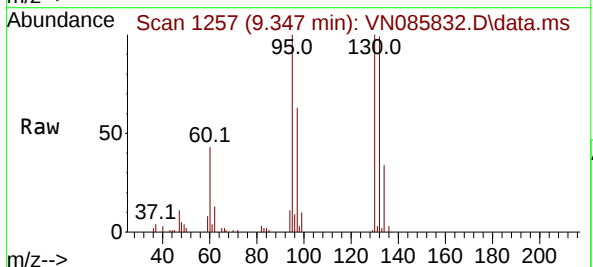
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#44
Trichloroethene
Concen: 18.744 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Tgt Ion:130 Resp: 59592
Ion Ratio Lower Upper
130 100
95 99.6 0.0 202.6





#45

1,2-Dichloropropane

Concen: 20.768 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085832.D

Acq: 24 Feb 2025 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tgt Ion: 63 Resp: 6491

Ion Ratio Lower Upper

63 100

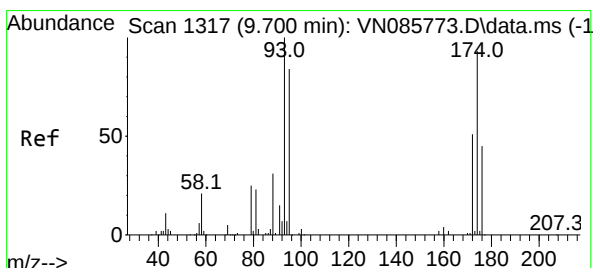
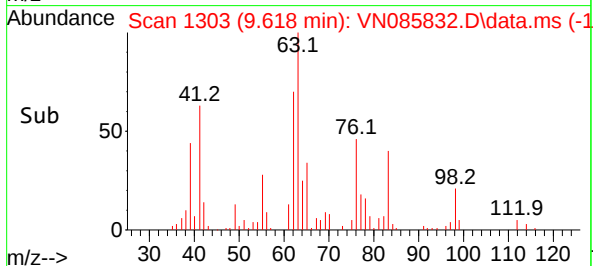
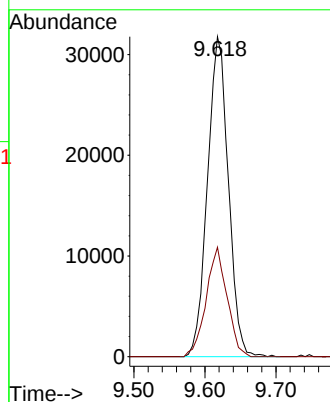
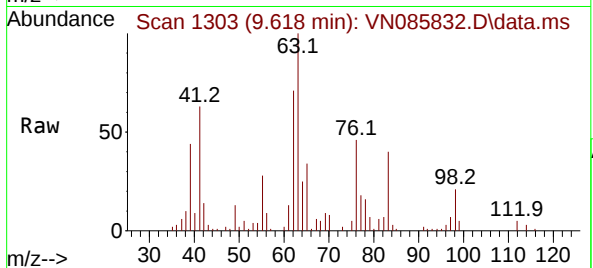
65 34.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#46

Dibromomethane

Concen: 20.947 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085832.D

Acq: 24 Feb 2025 13:03

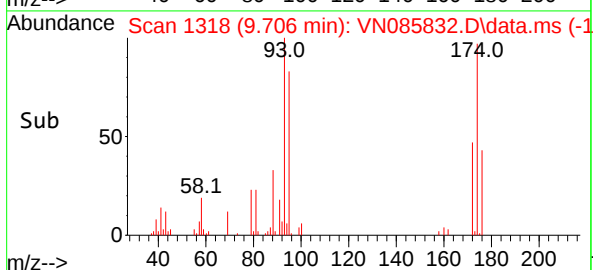
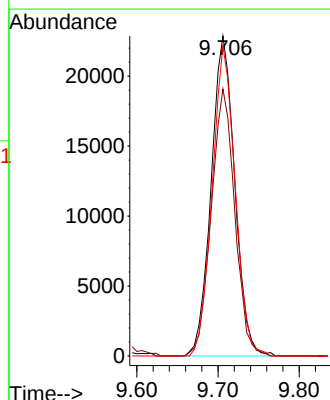
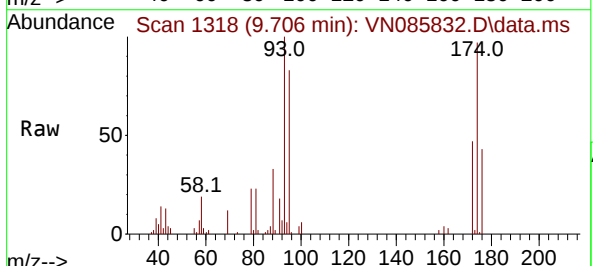
Tgt Ion: 93 Resp: 46181

Ion Ratio Lower Upper

93 100

95 83.0 66.7 100.1

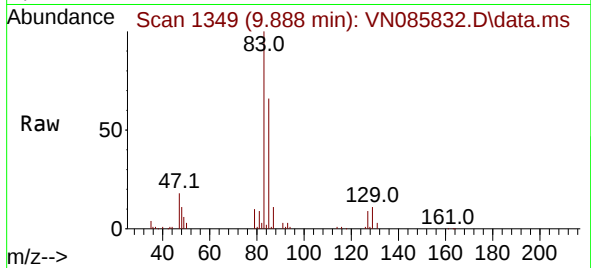
174 94.3 77.2 115.8





#47
Bromodichloromethane
Concen: 20.639 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

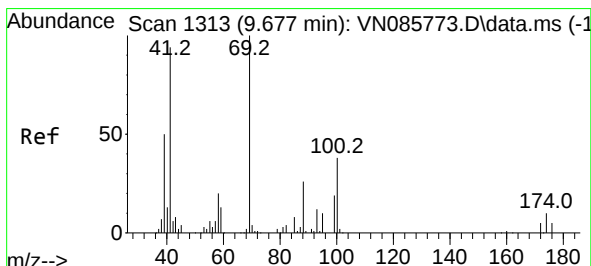
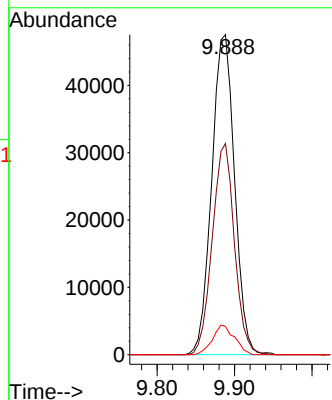
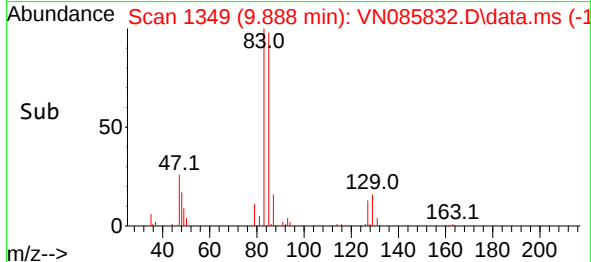
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 83 Resp: 9735
Ion Ratio Lower Upper
83 100
85 66.0 50.5 75.7
127 8.8 7.2 10.8

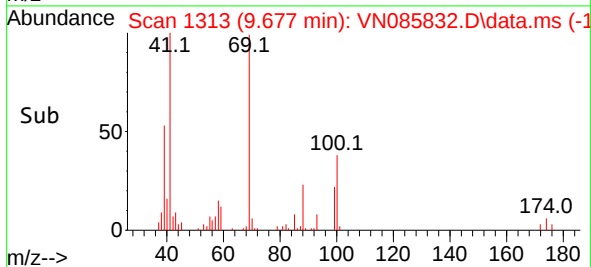
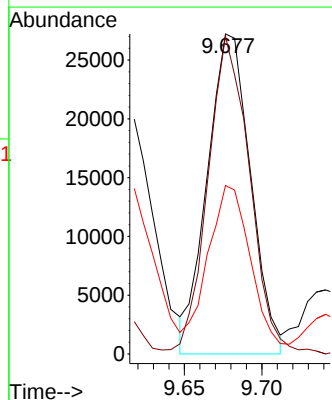
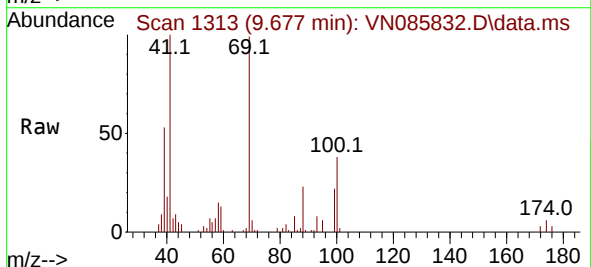
Manual Integrations
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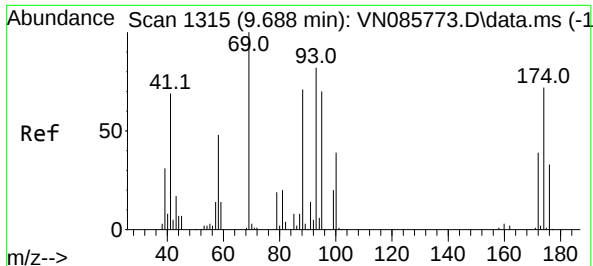
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#48
Methyl methacrylate
Concen: 21.440 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Tgt Ion: 41 Resp: 52939
Ion Ratio Lower Upper
41 100
69 96.0 76.0 114.0
39 53.2 42.3 63.5





#49

1,4-Dioxane

Concen: 518.211 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN085832.D

Acq: 24 Feb 2025 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tgt Ion: 88 Resp: 2433

Ion Ratio Lower Upper

88 100

43 25.5 18.6 27.8

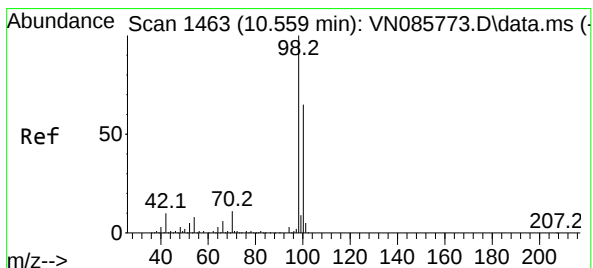
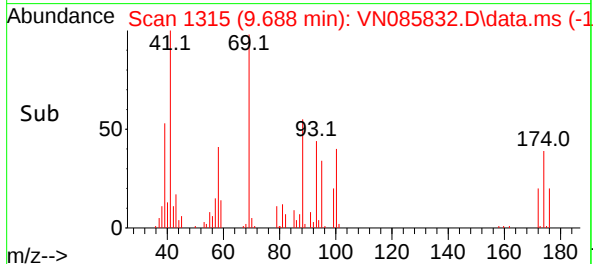
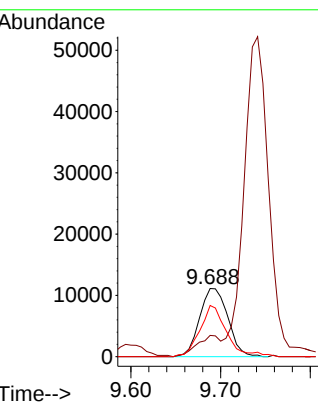
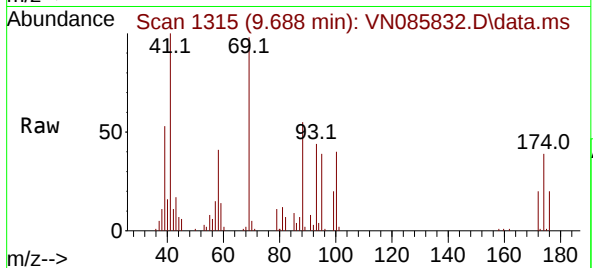
58 71.0 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#50

Toluene-d8

Concen: 49.360 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085832.D

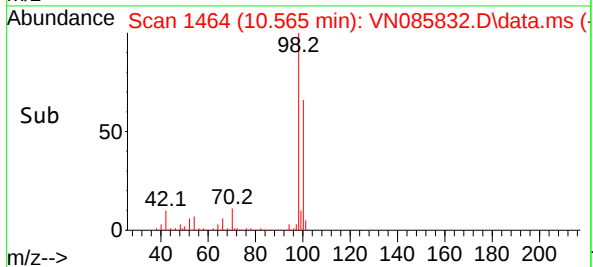
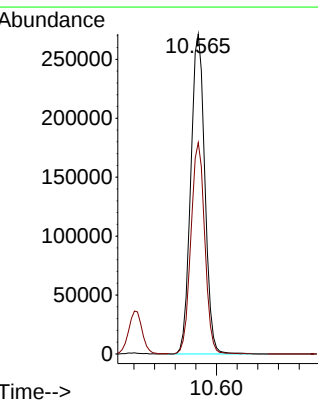
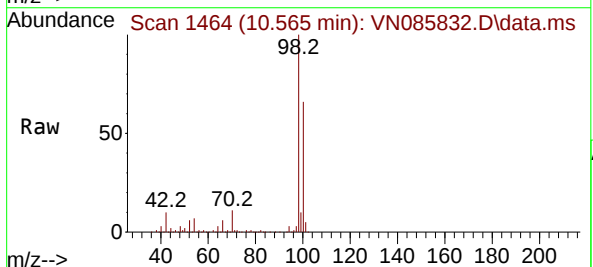
Acq: 24 Feb 2025 13:03

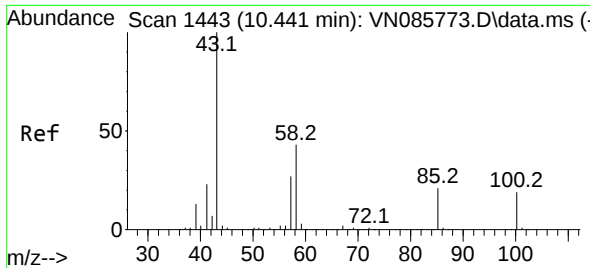
Tgt Ion: 98 Resp: 512651

Ion Ratio Lower Upper

98 100

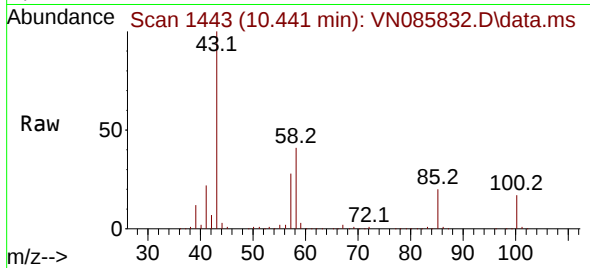
100 65.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 118.440 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

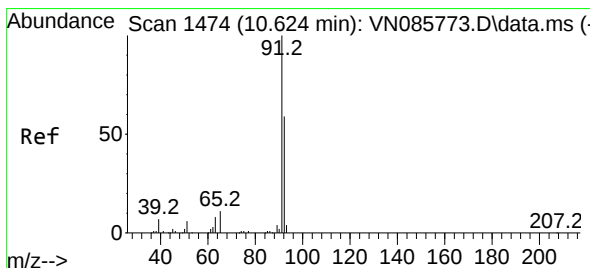
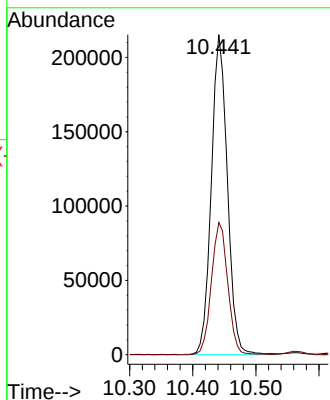
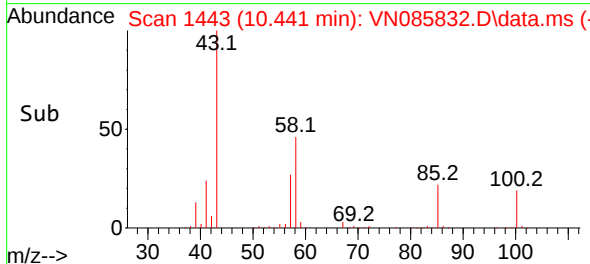
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



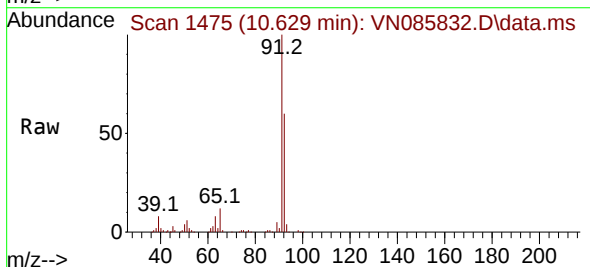
Tgt Ion: 43 Resp: 379660
Ion Ratio Lower Upper
43 100
58 42.1 34.6 52.0

Manual Integrations
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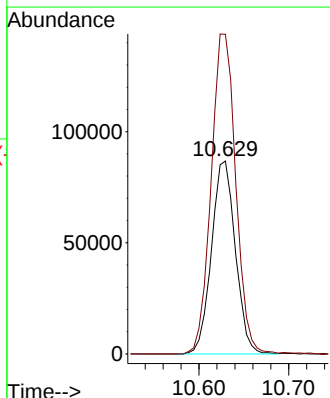
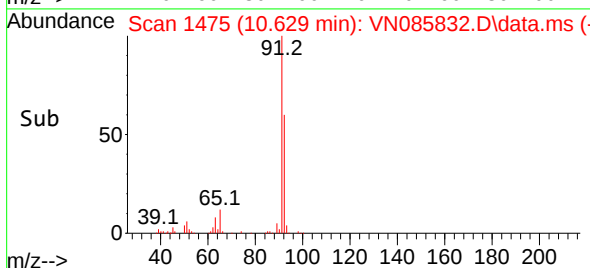
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#52
Toluene
Concen: 21.128 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03



Tgt Ion: 92 Resp: 160367
Ion Ratio Lower Upper
92 100
91 171.3 136.9 205.3





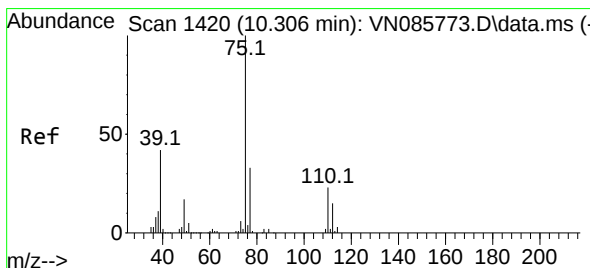
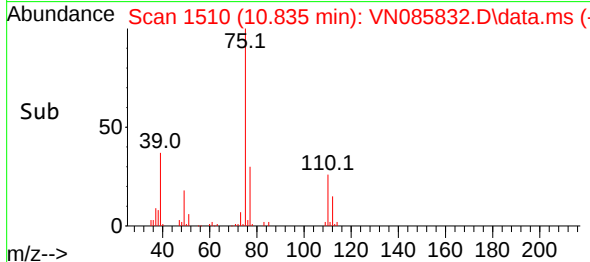
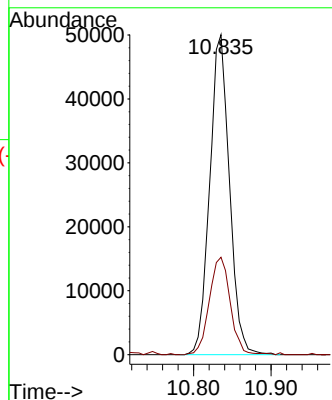
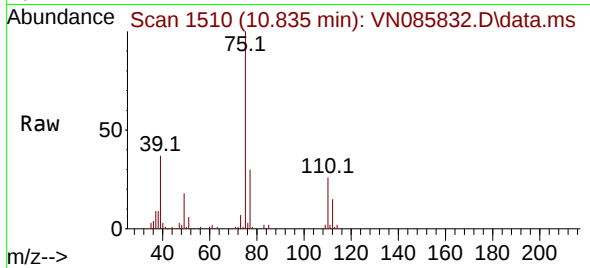
#53
t-1,3-Dichloropropene
Concen: 20.271 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion: 75 Resp: 8841
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0

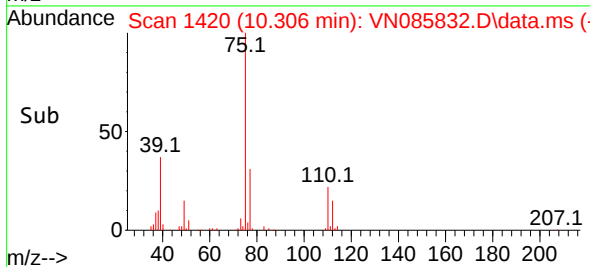
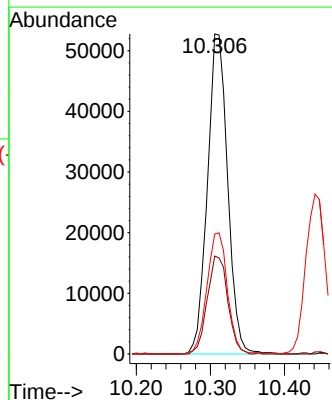
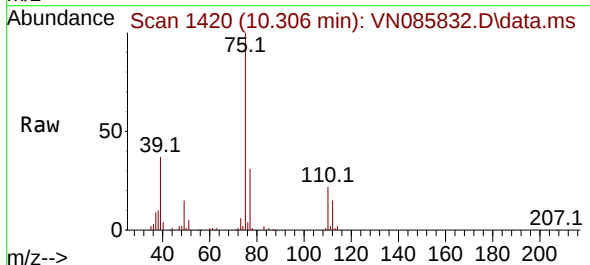
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#54
cis-1,3-Dichloropropene
Concen: 20.943 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Tgt Ion: 75 Resp: 100164
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 37.5 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 20.910 ug/l

RT: 11.018 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN085832.D

Acq: 24 Feb 2025 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tgt Ion: 97 Resp: 6310

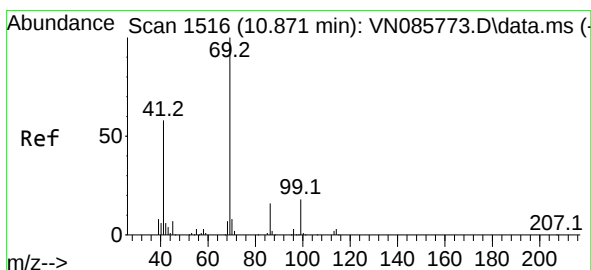
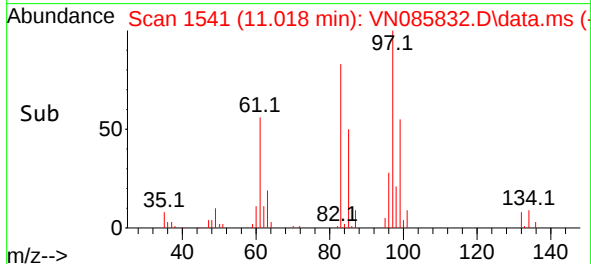
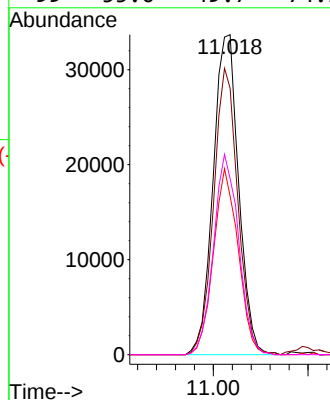
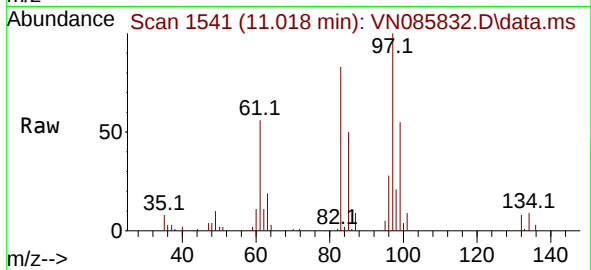
Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.1	99.1
85	49.6	44.7	67.1
99	55.0	49.7	74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#56

Ethyl methacrylate

Concen: 20.627 ug/l

RT: 10.871 min Scan# 1516

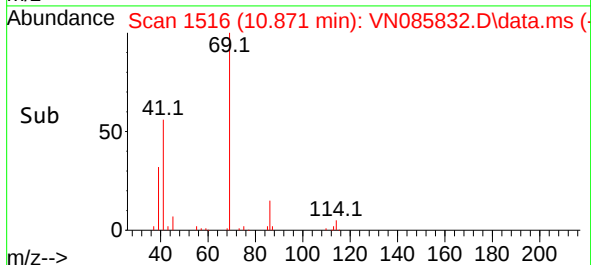
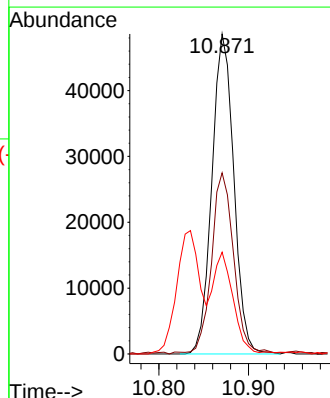
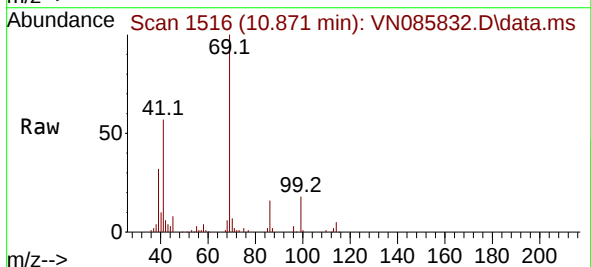
Delta R.T. -0.000 min

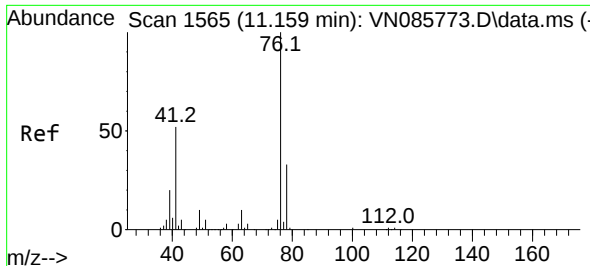
Lab File: VN085832.D

Acq: 24 Feb 2025 13:03

Tgt Ion: 69 Resp: 82410

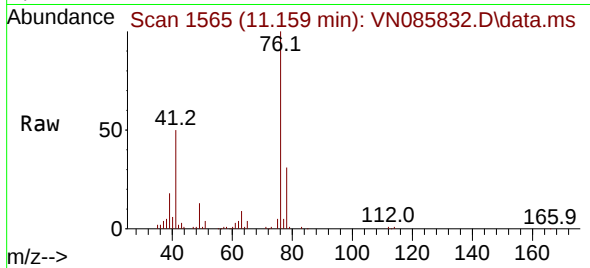
Ion	Ratio	Lower	Upper
69	100		
41	57.7	46.0	69.0
39	28.8	22.0	33.0





#57
1,3-Dichloropropane
Concen: 20.975 ug/l
RT: 11.159 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

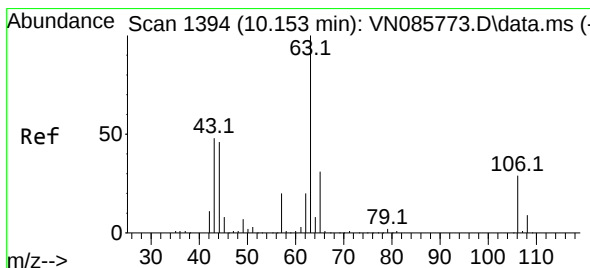
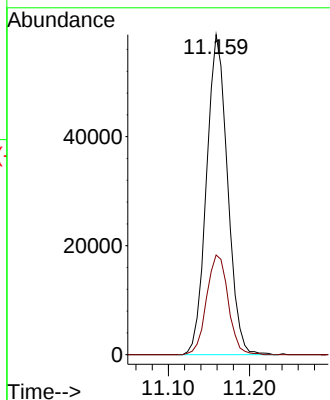
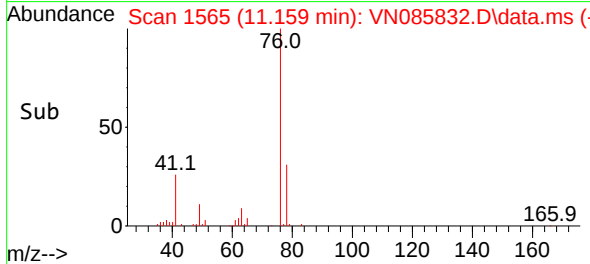
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



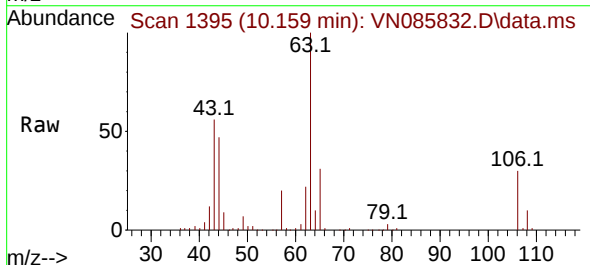
Tgt Ion: 76 Resp: 105668
Ion Ratio Lower Upper
76 100
78 32.0 25.9 38.9

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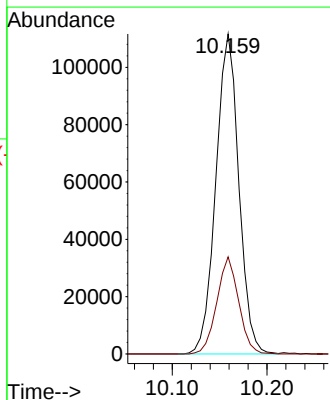
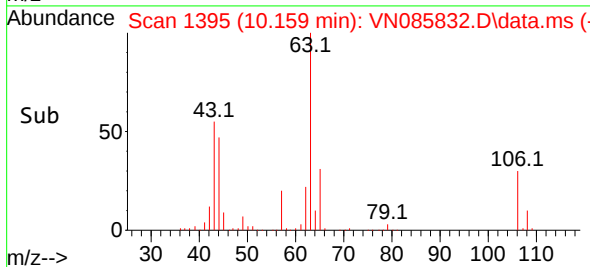
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

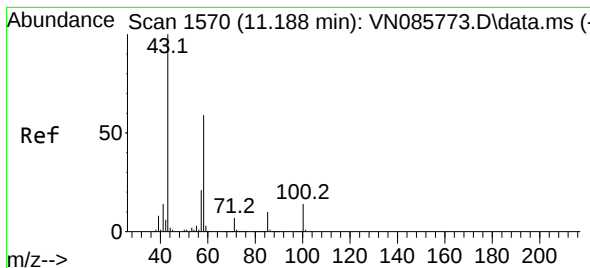


#58
2-Chloroethyl Vinyl ether
Concen: 128.915 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03



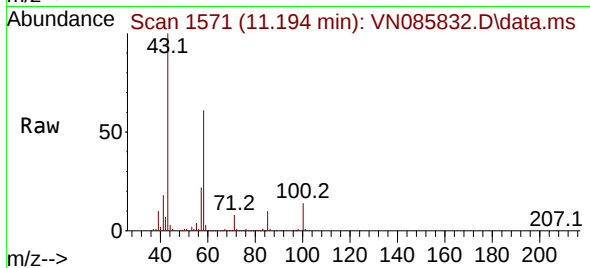
Tgt Ion: 63 Resp: 188414
Ion Ratio Lower Upper
63 100
106 28.7 22.7 34.1





#59
2-Hexanone
Concen: 122.544 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

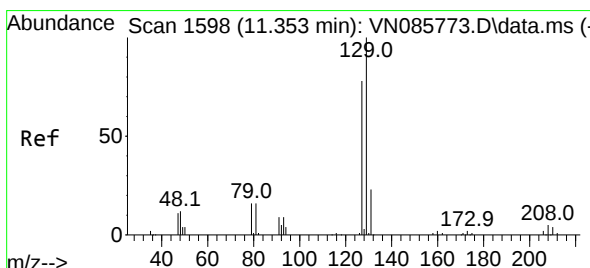
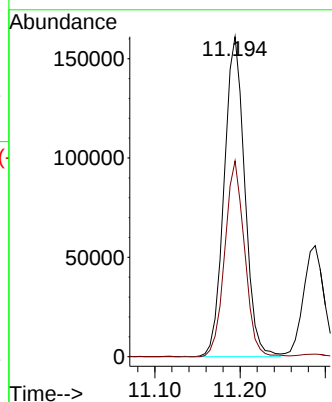
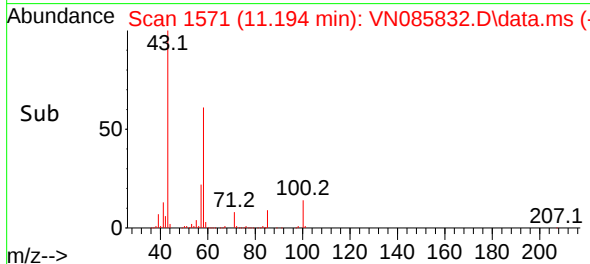
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 43 Resp: 270234
Ion Ratio Lower Upper
43 100
58 58.9 29.8 89.5

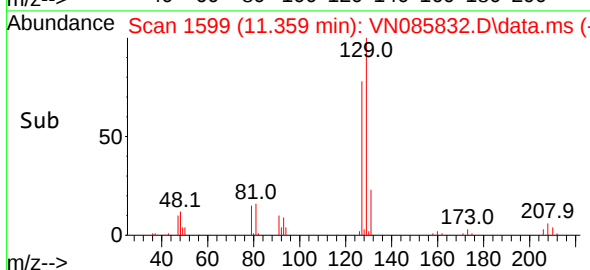
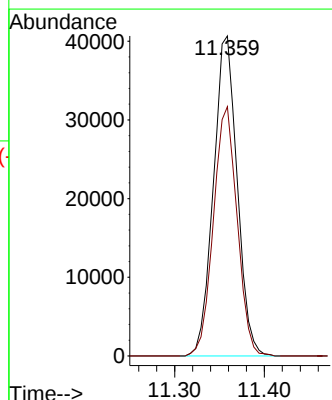
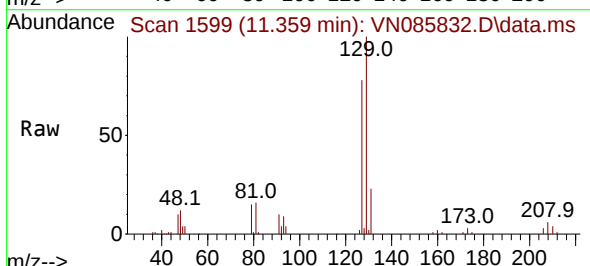
Manual Integrations
APPROVED

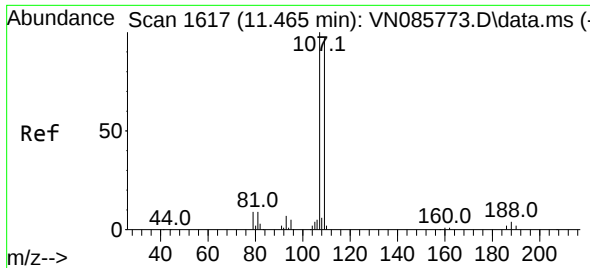
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#60
Dibromochloromethane
Concen: 21.258 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Tgt Ion:129 Resp: 74702
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.5





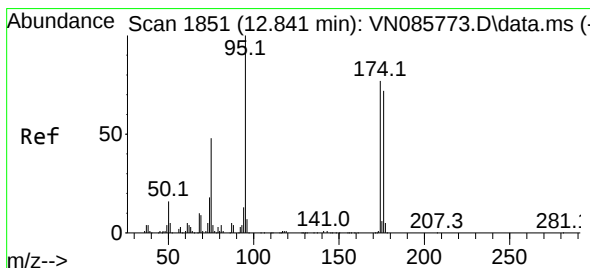
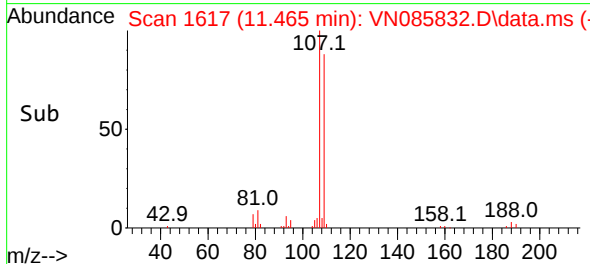
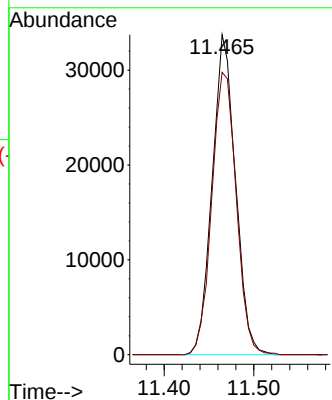
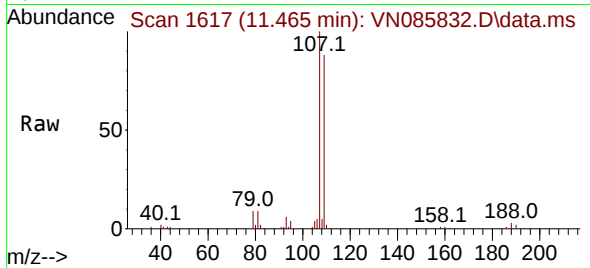
#61
1,2-Dibromoethane
Concen: 21.292 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion:107 Resp: 6071
Ion Ratio Lower Upper
107 100
109 93.0 76.0 114.0

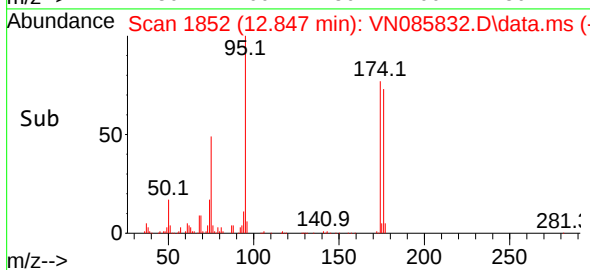
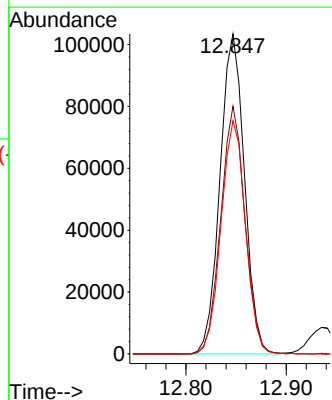
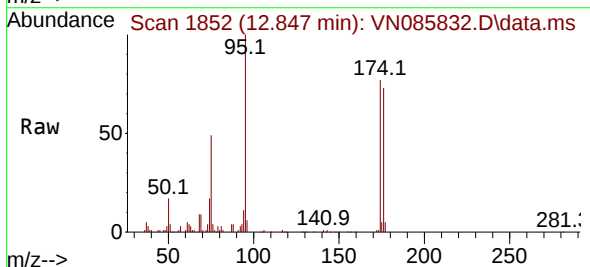
Manual Integrations
APPROVED

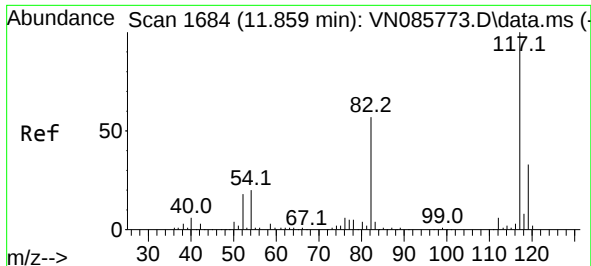
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#62
4-Bromofluorobenzene
Concen: 51.104 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

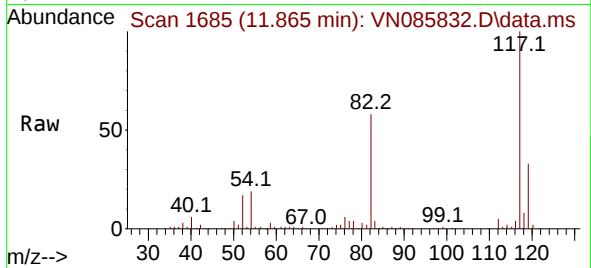
Tgt Ion: 95 Resp: 174876
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.4
176 72.7 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

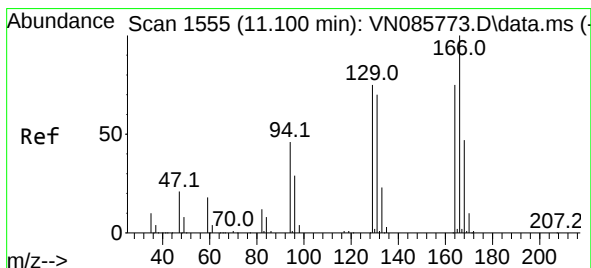
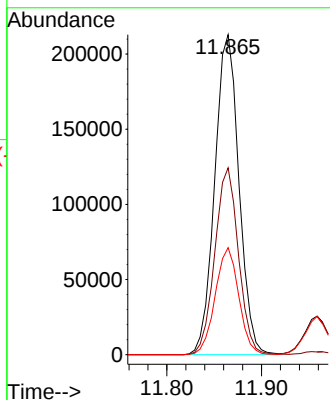
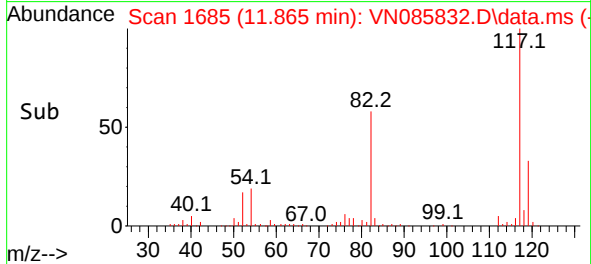
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion:117 Resp: 37813
Ion Ratio Lower Upper
117 100
82 58.4 45.7 68.5
119 33.5 26.2 39.2

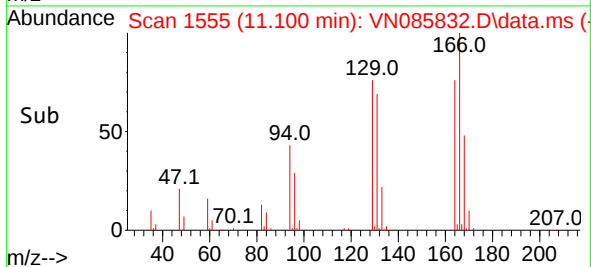
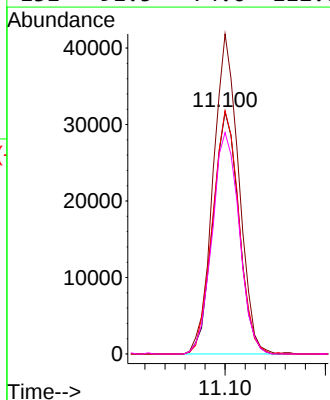
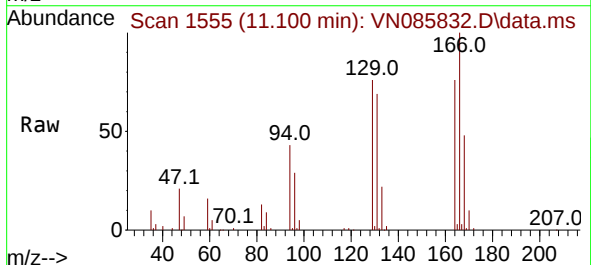
Manual Integrations
APPROVED

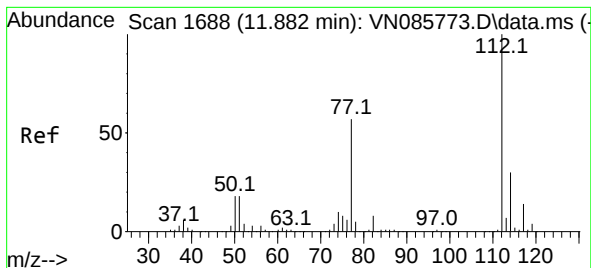
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#64
Tetrachloroethene
Concen: 19.393 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

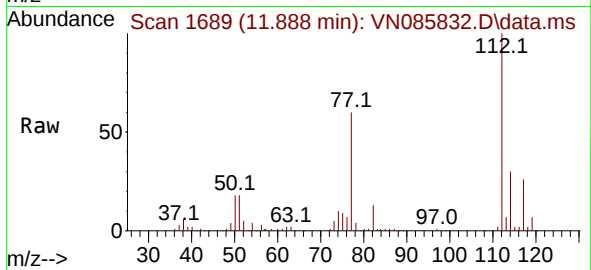
Tgt Ion:164 Resp: 56809
Ion Ratio Lower Upper
164 100
166 132.2 107.2 160.8
129 100.5 80.7 121.1
131 91.5 74.6 112.0





#65
Chlorobenzene
Concen: 20.083 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

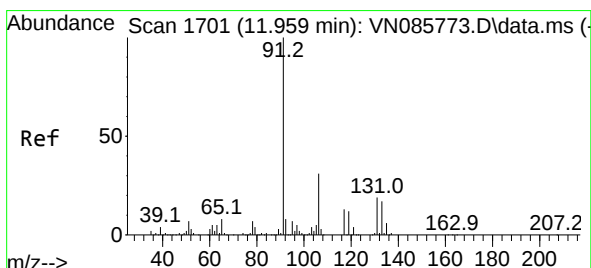
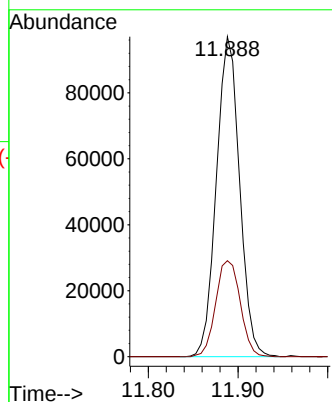
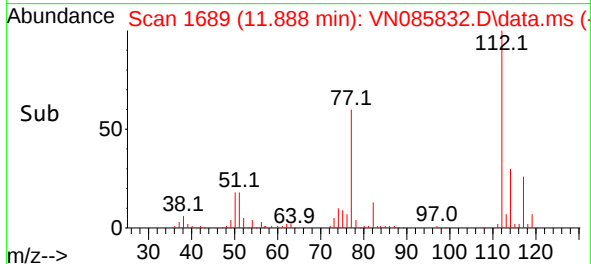
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



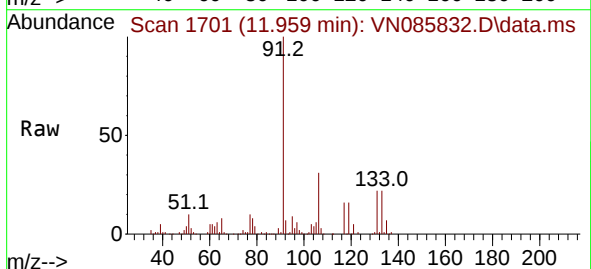
Tgt Ion:112 Resp: 173970
Ion Ratio Lower Upper
112 100
114 30.0 24.3 36.5

Manual Integrations
APPROVED

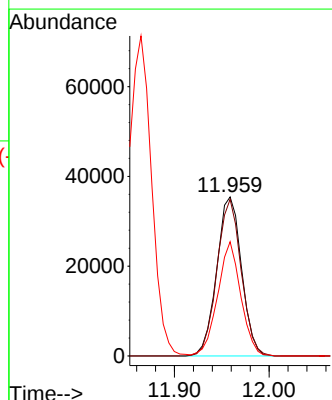
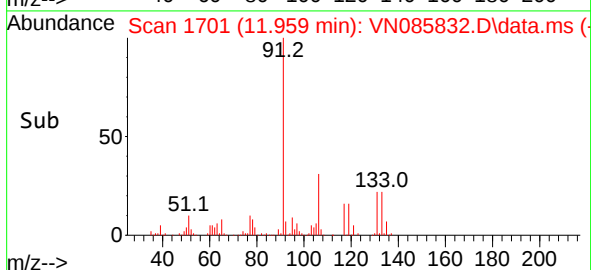
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.726 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03



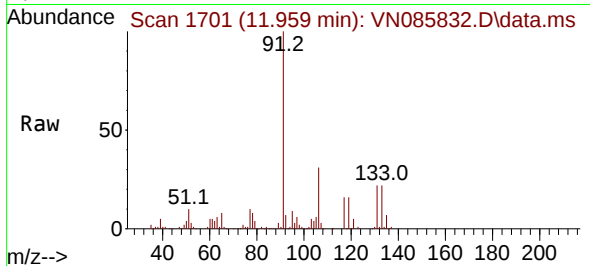
Tgt Ion:131 Resp: 64531
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 67.1 33.3 99.8





#67
Ethyl Benzene
Concen: 20.068 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

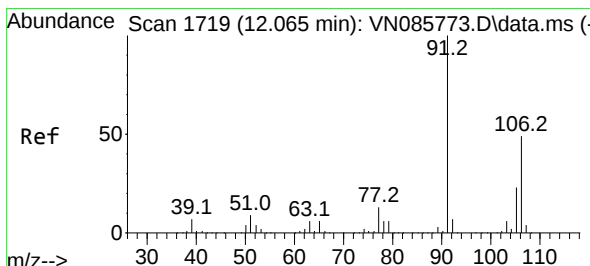
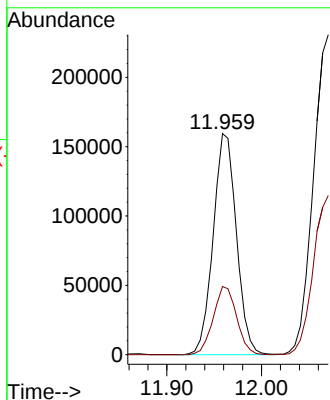
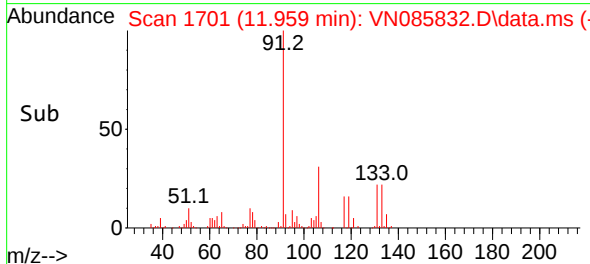
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



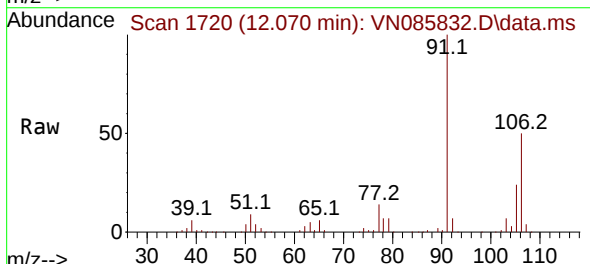
Tgt Ion: 91 Resp: 27230
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1

Manual Integrations
APPROVED

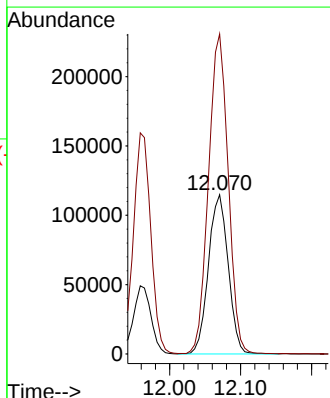
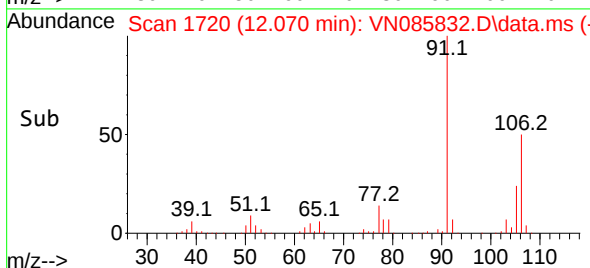
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#68
m/p-Xylenes
Concen: 43.044 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03



Tgt Ion:106 Resp: 221861
Ion Ratio Lower Upper
106 100
91 199.8 163.3 244.9





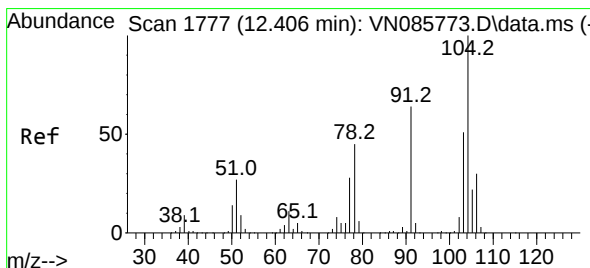
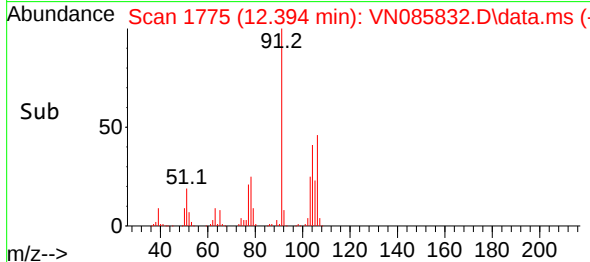
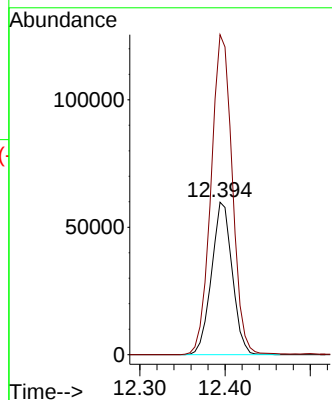
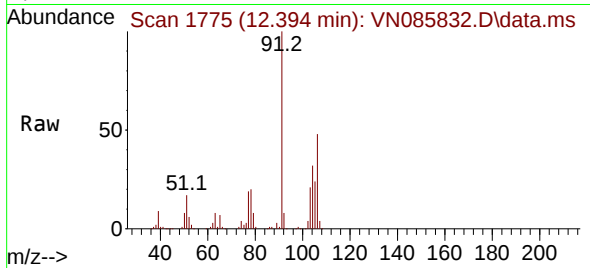
#69
o-Xylene
Concen: 20.638 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion:106 Resp: 10108
Ion Ratio Lower Upper
106 100
91 216.2 107.1 321.4

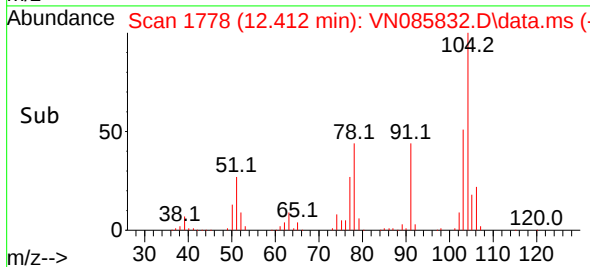
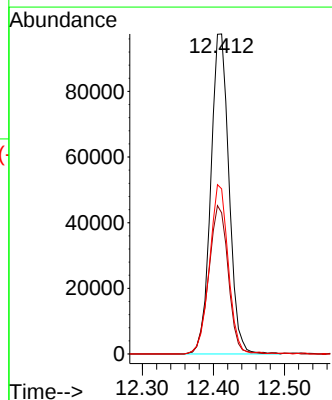
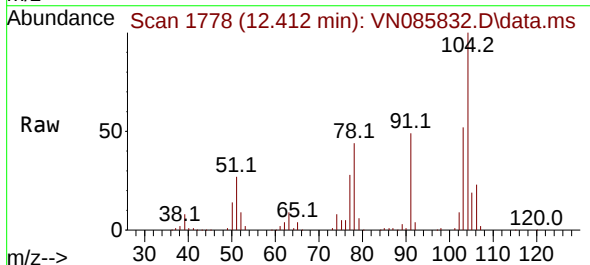
Manual Integrations
APPROVED

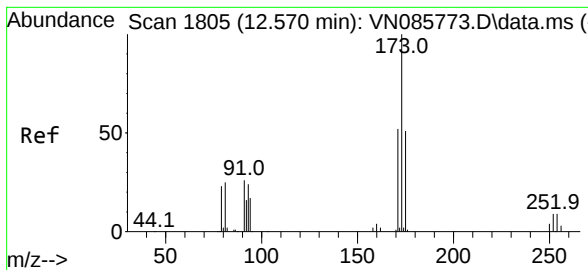
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#70
Styrene
Concen: 20.539 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Tgt Ion:104 Resp: 173747
Ion Ratio Lower Upper
104 100
78 49.4 39.0 58.6
103 54.3 43.3 64.9





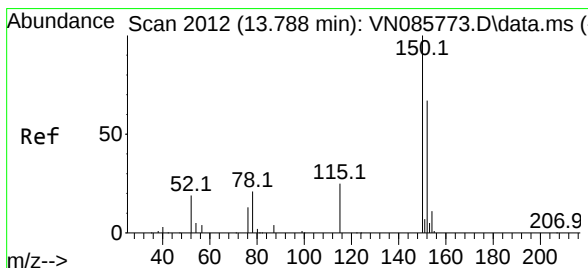
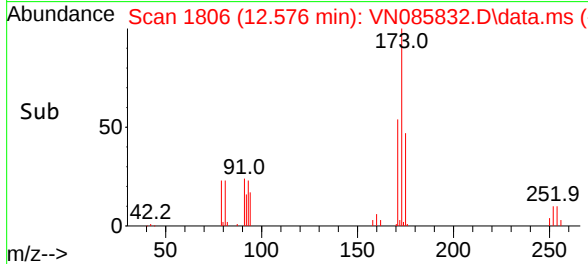
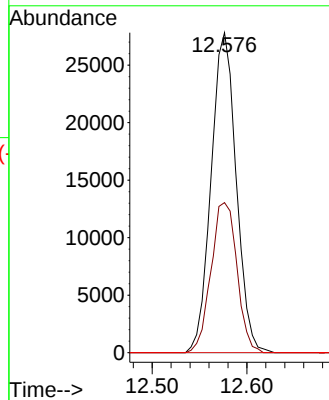
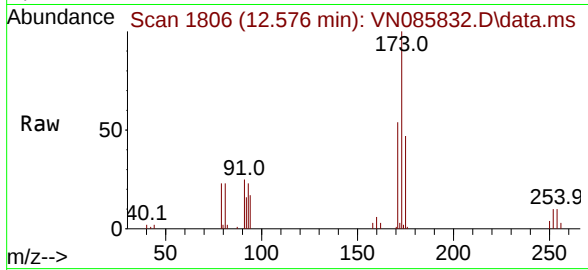
#71
Bromoform
Concen: 22.103 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion:173 Resp: 5113
Ion Ratio Lower Upper
173 100
175 48.5 25.1 75.4
254 0.0 0.0 0.0

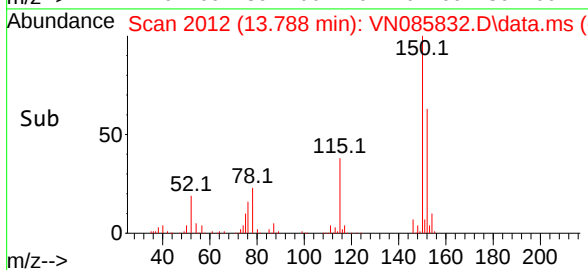
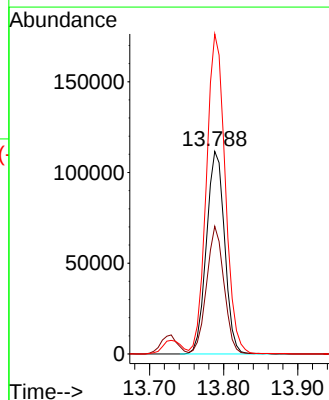
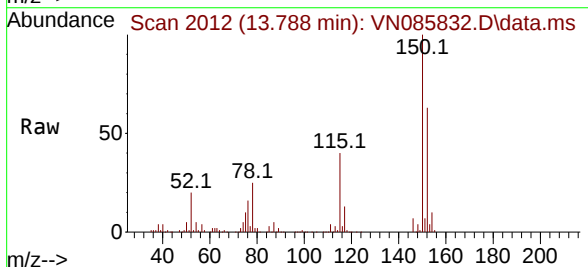
Manual Integrations
APPROVED

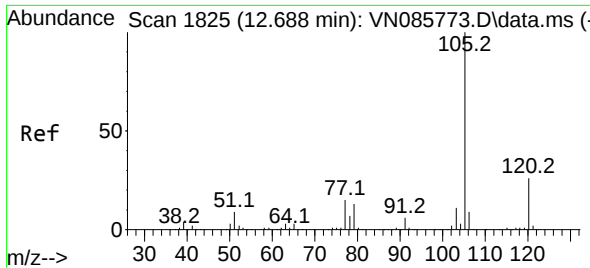
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Tgt Ion:152 Resp: 189869
Ion Ratio Lower Upper
152 100
115 60.1 30.4 91.3
150 163.2 0.0 345.4





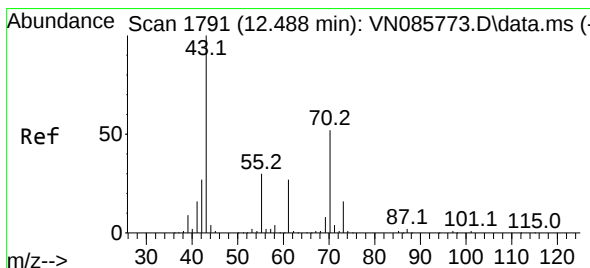
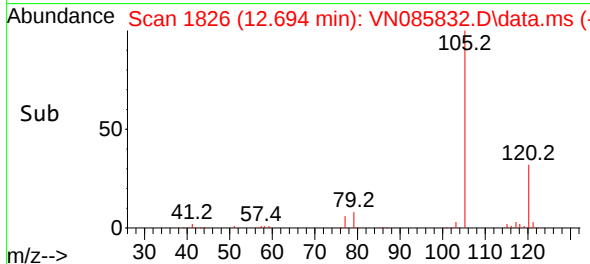
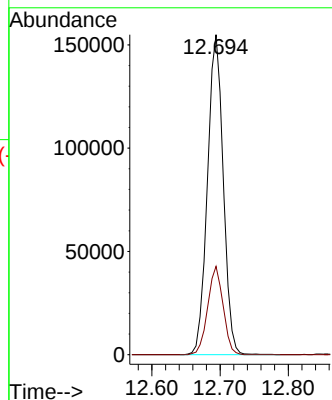
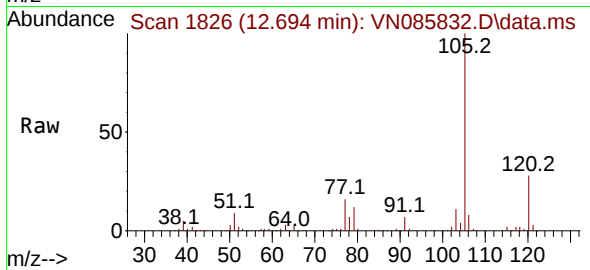
#73
Isopropylbenzene
Concen: 19.191 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion:105 Resp: 249630
Ion Ratio Lower Upper
105 100
120 26.9 13.0 39.0

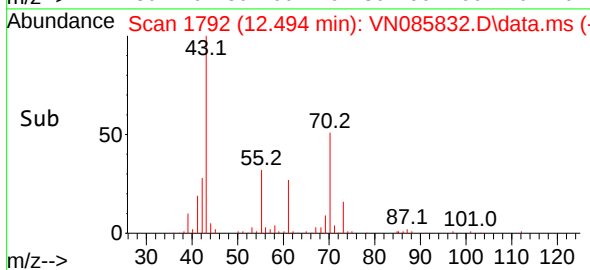
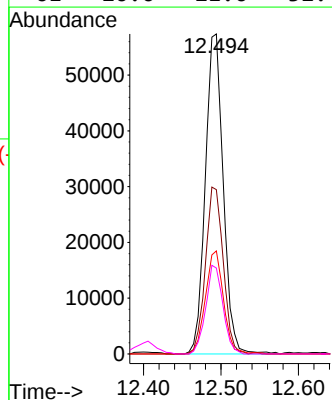
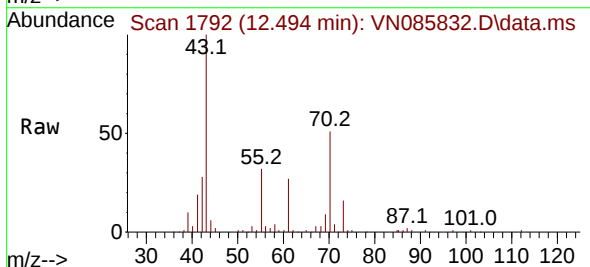
Manual Integrations
APPROVED

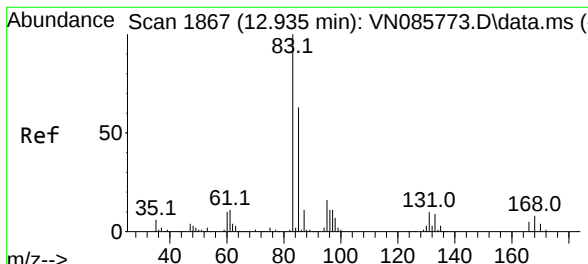
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#74
N-ethyl acetate
Concen: 20.092 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Tgt Ion: 43 Resp: 92165
Ion Ratio Lower Upper
43 100
70 51.6 41.0 61.4
55 32.5 24.6 36.8
61 26.6 21.6 32.4





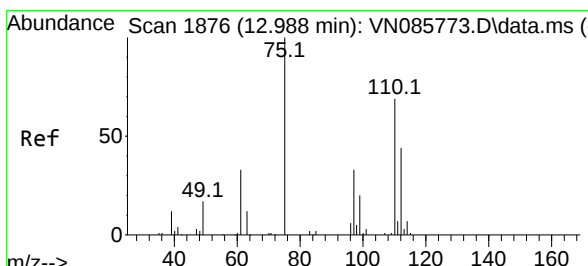
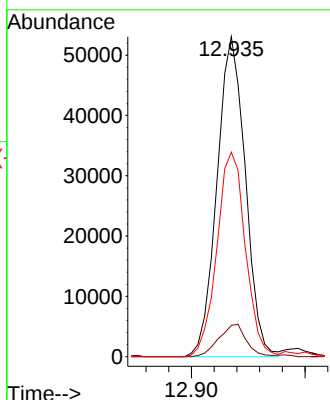
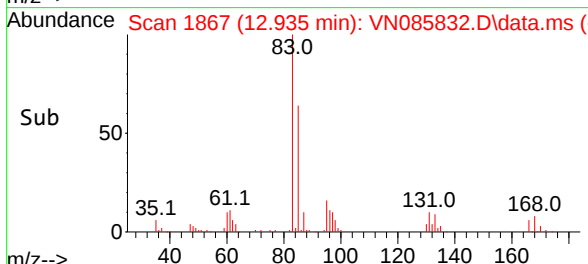
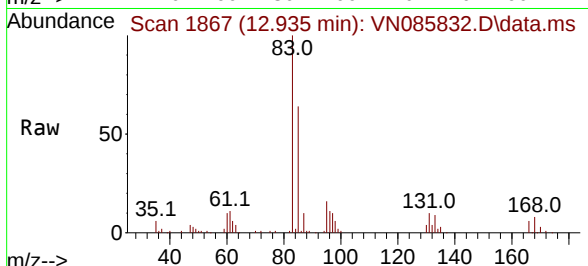
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.554 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN085832.D
 Acq: 24 Feb 2025 13:03

Instrument : MSVOA_N
 ClientSampleId : VN0224WBS01

Tgt Ion:	83	Resp:	9200
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	15.0
85	64.2	32.2	96.6

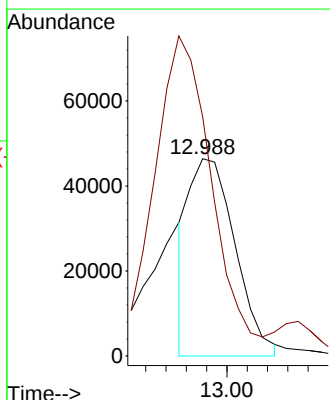
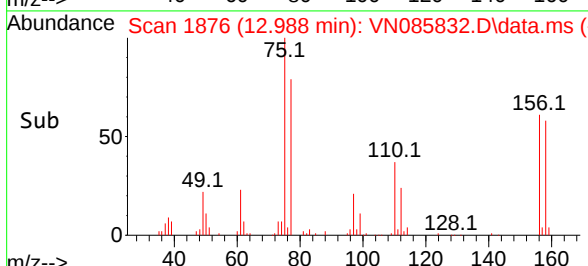
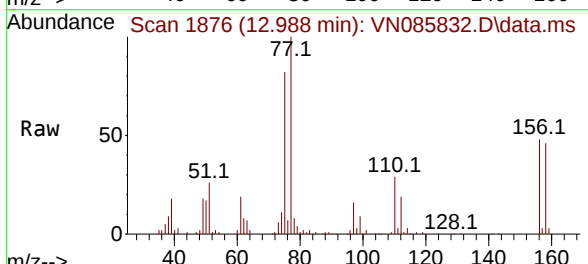
Manual Integrations
 APPROVED

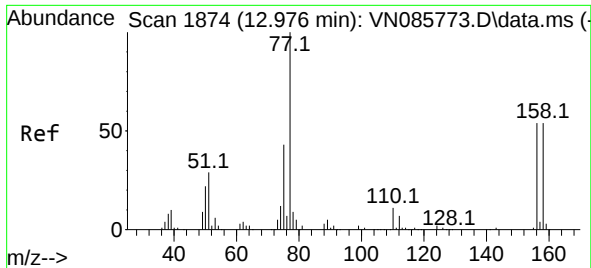
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#76
 1,2,3-Trichloropropane
 Concen: 17.440 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN085832.D
 Acq: 24 Feb 2025 13:03

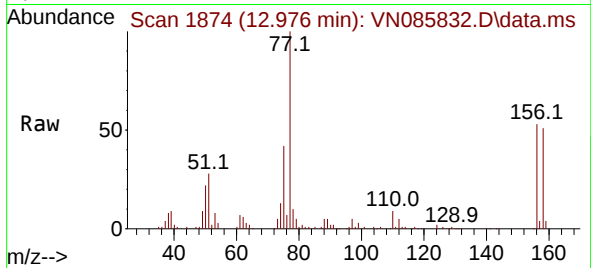
Tgt Ion:	75	Resp:	73556
Ion Ratio	Lower	Upper	
75	100		
77	203.4	100.0	300.0





#77
Bromobenzene
Concen: 19.892 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

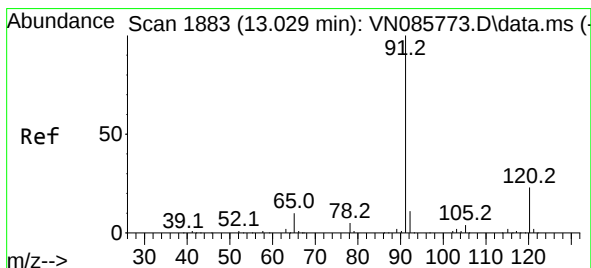
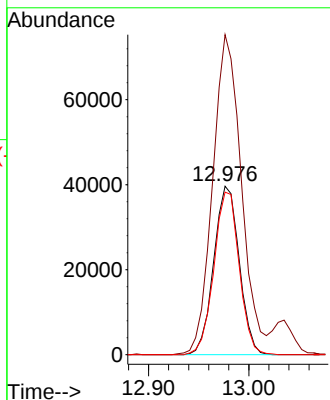
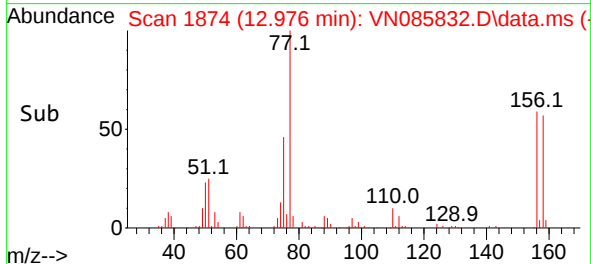
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



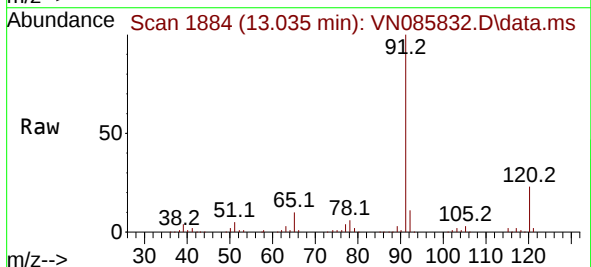
Tgt Ion:156 Resp: 6990
Ion Ratio Lower Upper
156 100
77 214.1 104.1 312.3
158 95.9 48.1 144.4

Manual Integrations
APPROVED

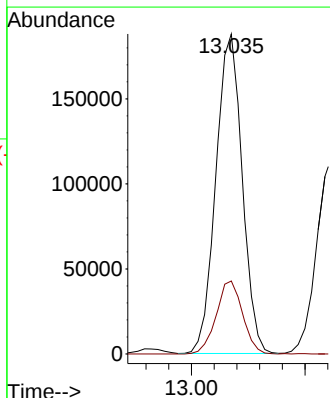
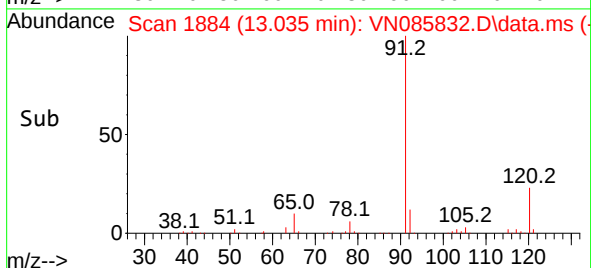
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

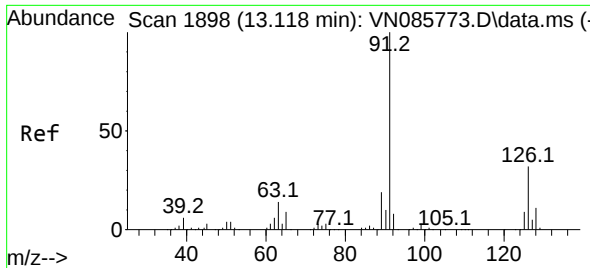


#78
n-propylbenzene
Concen: 20.298 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03



Tgt Ion: 91 Resp: 302379
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.8





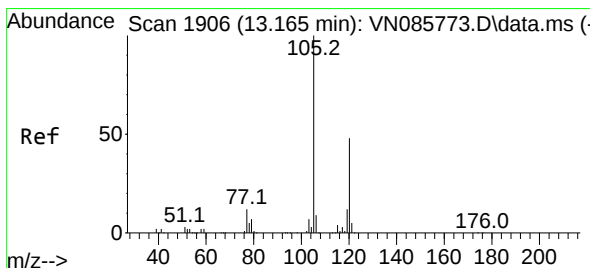
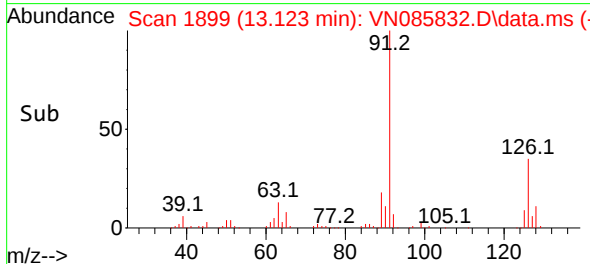
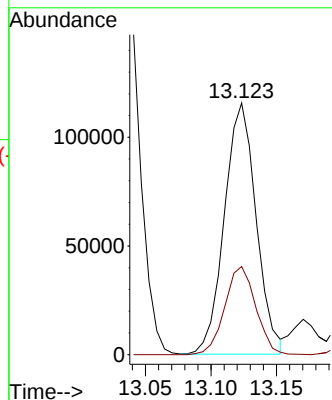
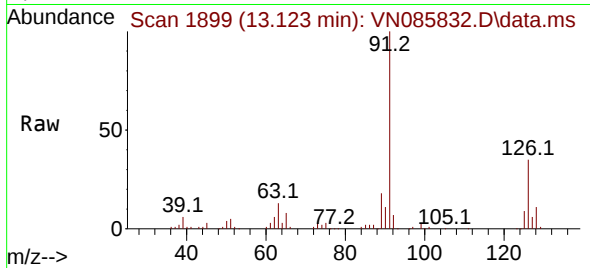
#79
2-Chlorotoluene
Concen: 19.571 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion: 91 Resp: 194800
Ion Ratio Lower Upper
91 100
126 34.2 16.4 49.1

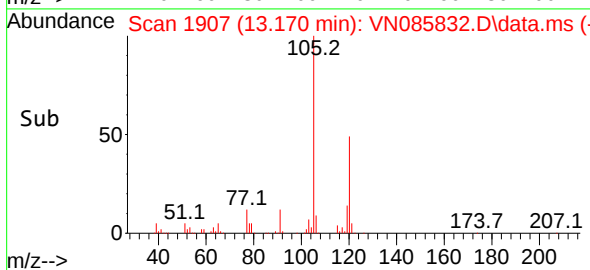
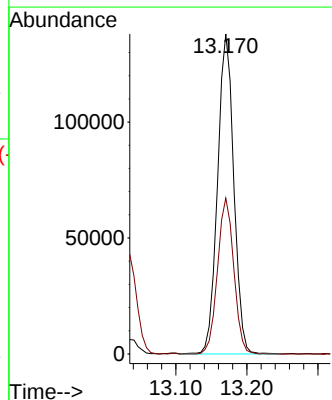
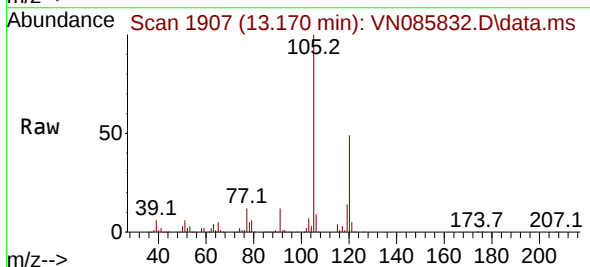
Manual Integrations
APPROVED

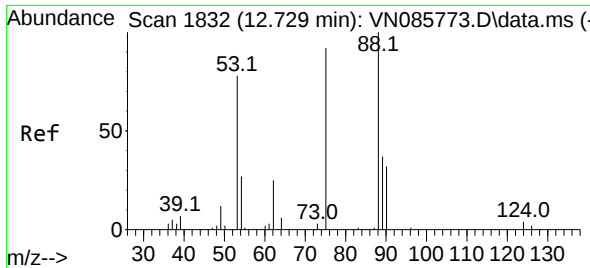
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.587 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

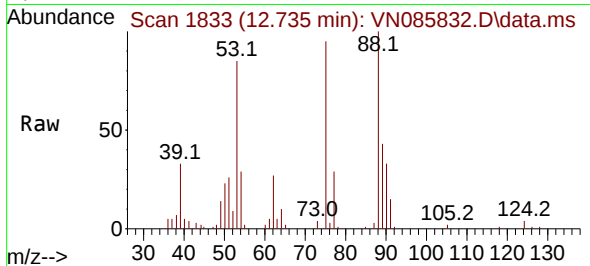
Tgt Ion:105 Resp: 218142
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 22.677 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

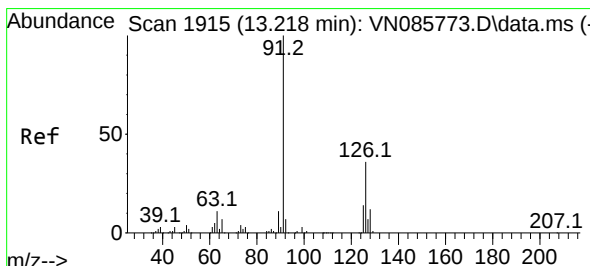
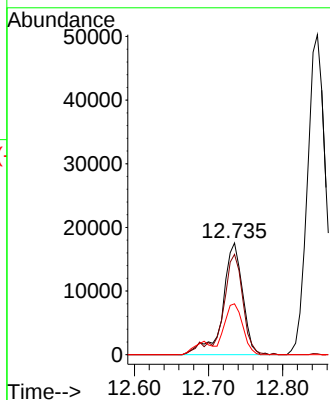
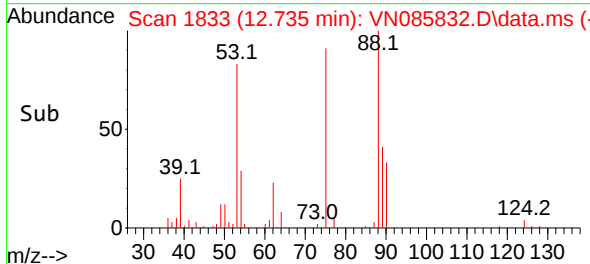
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 75 Resp: 32780
Ion Ratio Lower Upper
75 100
53 84.7 74.2 111.4
89 41.2 34.9 52.3

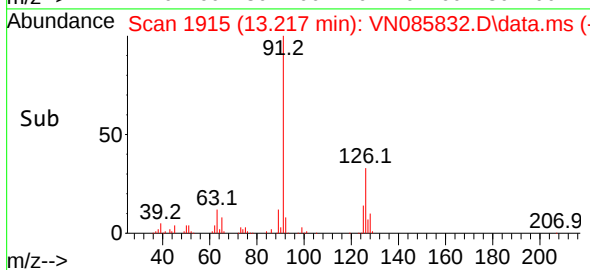
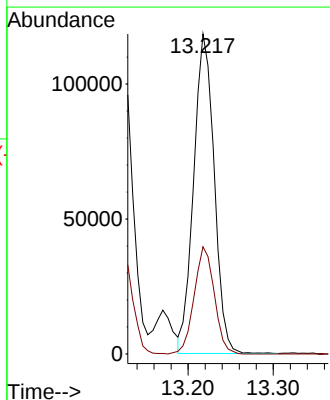
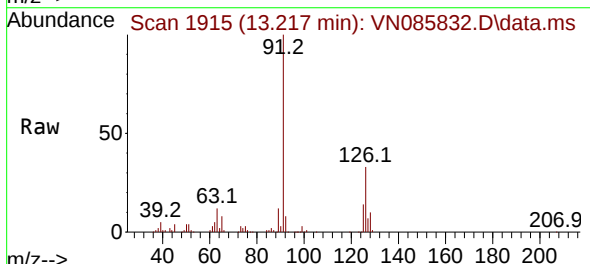
Manual Integrations
APPROVED

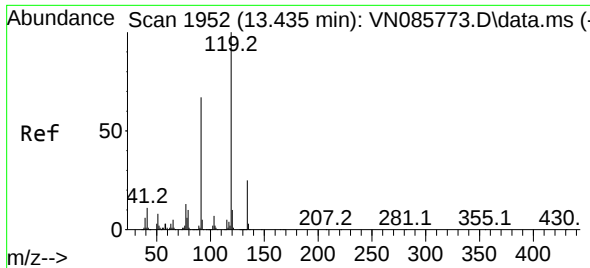
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#82
4-Chlorotoluene
Concen: 20.046 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

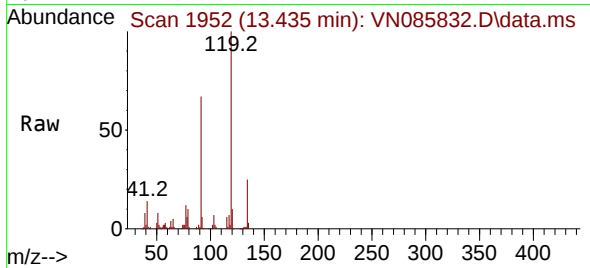
Tgt Ion: 91 Resp: 197799
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 19.330 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085832.D
 Acq: 24 Feb 2025 13:03

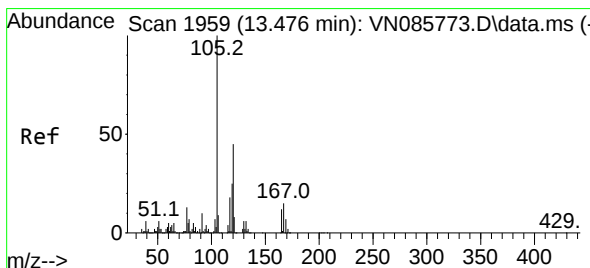
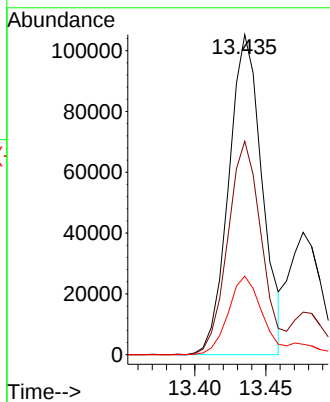
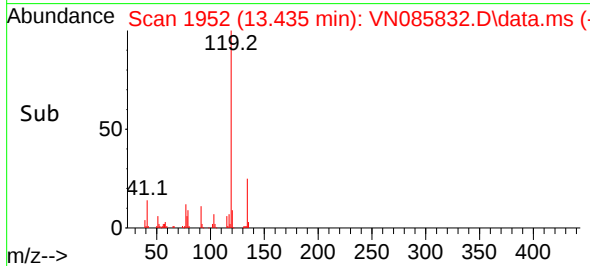
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01



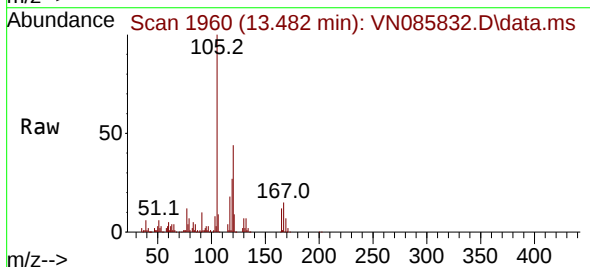
Tgt Ion:119 Resp: 172230
 Ion Ratio Lower Upper
 119 100
 91 67.8 32.5 97.5
 134 24.8 13.3 39.9

Manual Integrations
 APPROVED

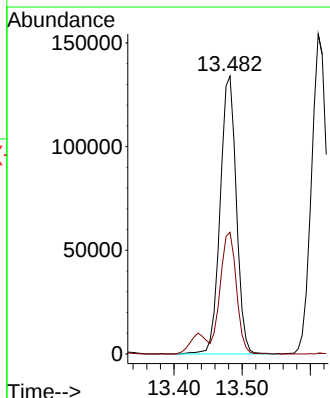
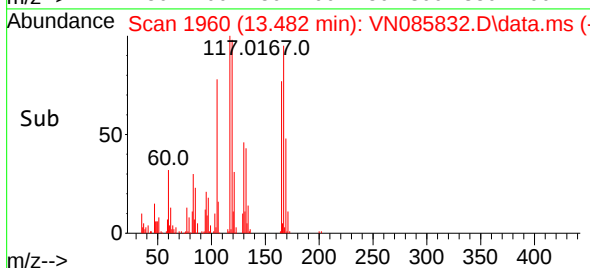
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 21.091 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085832.D
 Acq: 24 Feb 2025 13:03



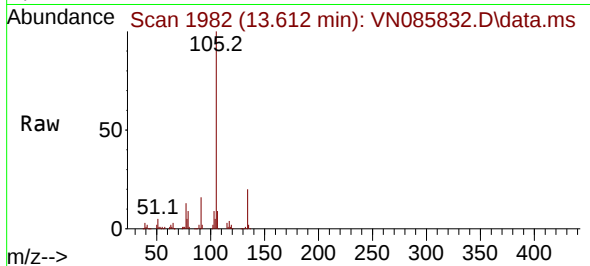
Tgt Ion:105 Resp: 221104
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 19.591 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085832.D
 Acq: 24 Feb 2025 13:03

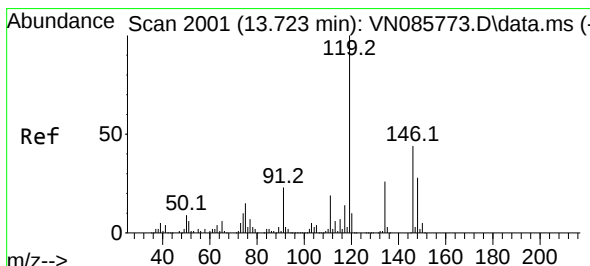
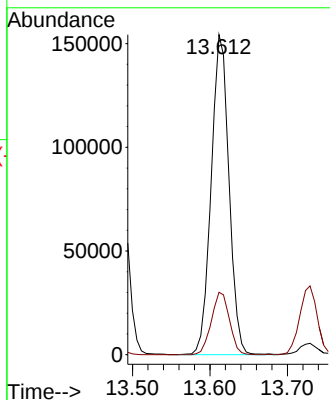
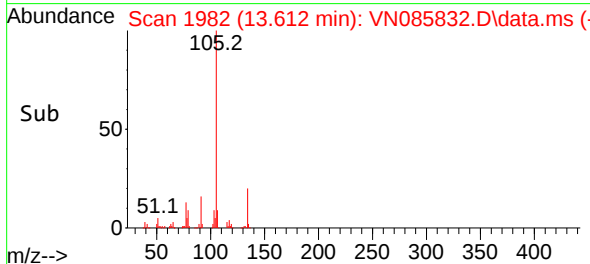
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01



Tgt Ion:105 Resp: 246640
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

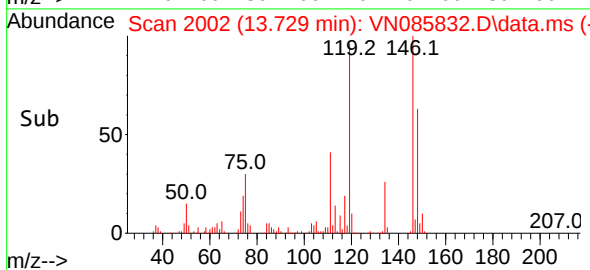
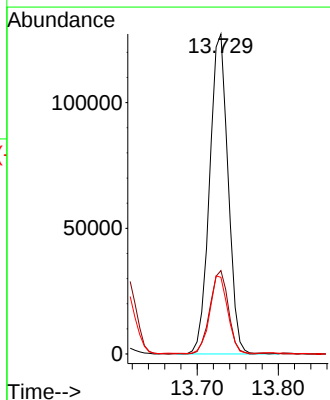
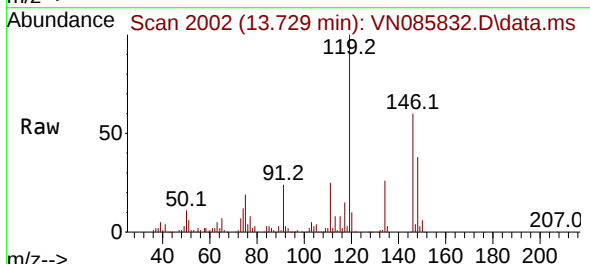
Manual Integrations
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Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#86
 p-Isopropyltoluene
 Concen: 18.730 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085832.D
 Acq: 24 Feb 2025 13:03

Tgt Ion:119 Resp: 201013
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 23.6 11.7 35.1





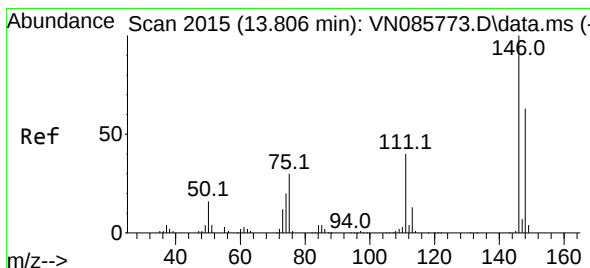
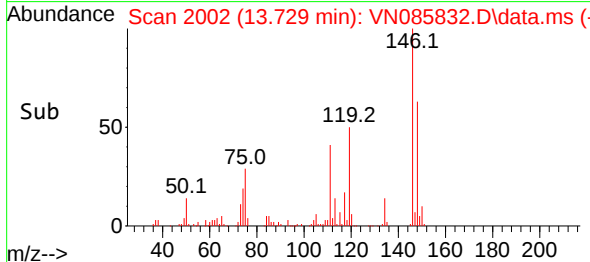
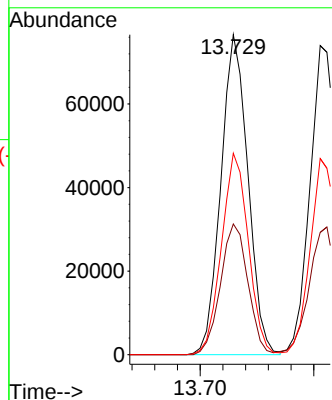
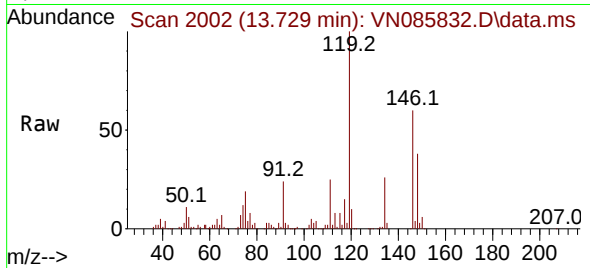
#87
 1,3-Dichlorobenzene
 Concen: 19.213 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085832.D
 Acq: 24 Feb 2025 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Tgt Ion:146 Resp: 126500
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.1 63.3
 148 62.6 32.1 96.5

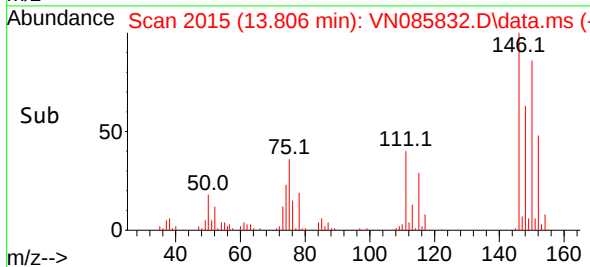
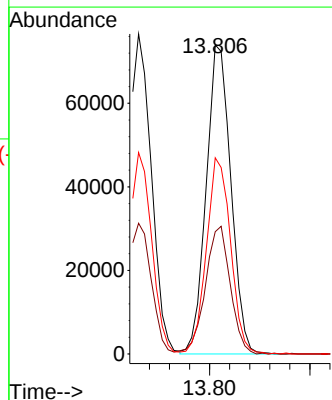
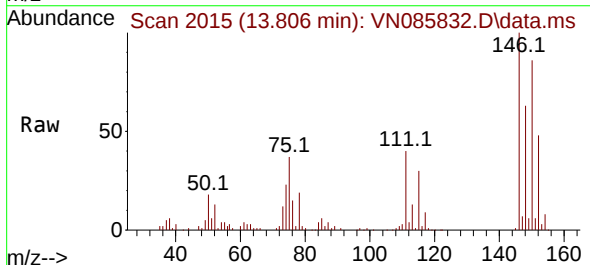
Manual Integrations
 APPROVED

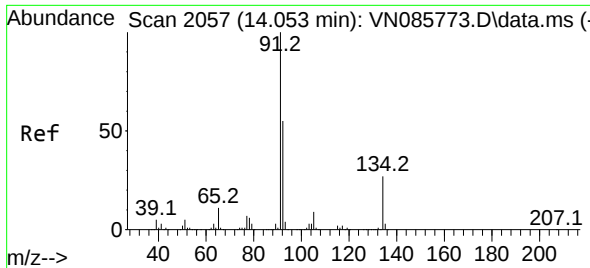
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#88
 1,4-Dichlorobenzene
 Concen: 18.796 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.000 min
 Lab File: VN085832.D
 Acq: 24 Feb 2025 13:03

Tgt Ion:146 Resp: 126841
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.4 61.3
 148 62.2 31.8 95.4





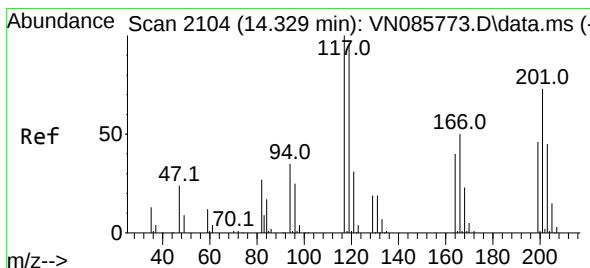
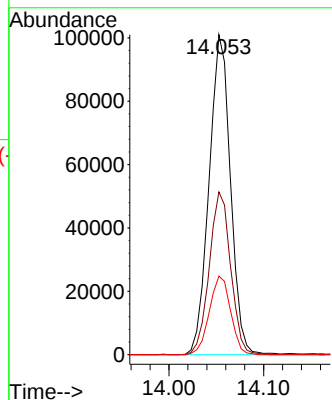
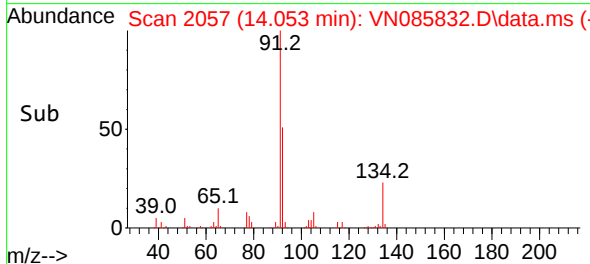
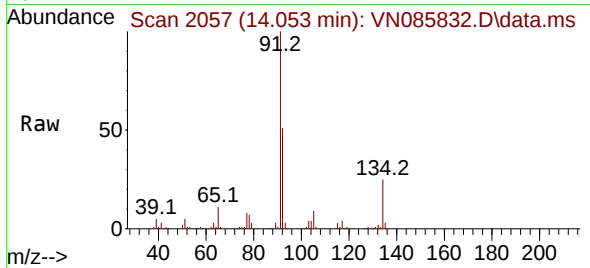
#89
n-Butylbenzene
Concen: 17.753 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion: 91 Resp: 15868
Ion Ratio Lower Upper
91 100
92 50.8 27.1 81.3
134 24.3 12.7 38.1

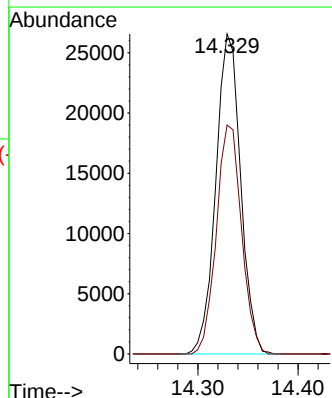
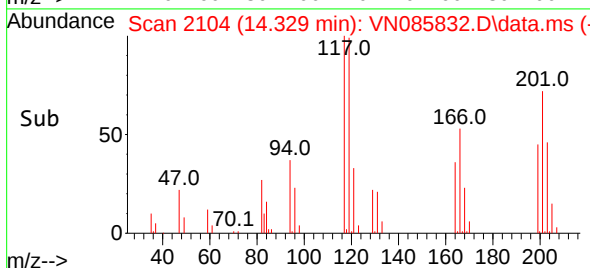
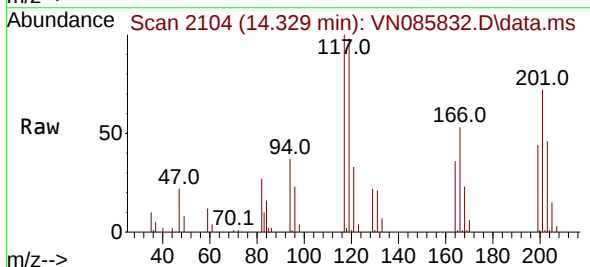
Manual Integrations
APPROVED

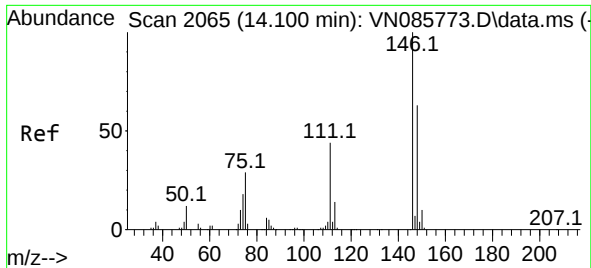
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#90
Hexachloroethane
Concen: 19.154 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Tgt Ion:117 Resp: 45668
Ion Ratio Lower Upper
117 100
201 72.5 35.6 106.9





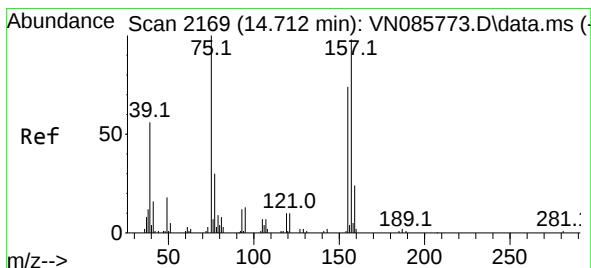
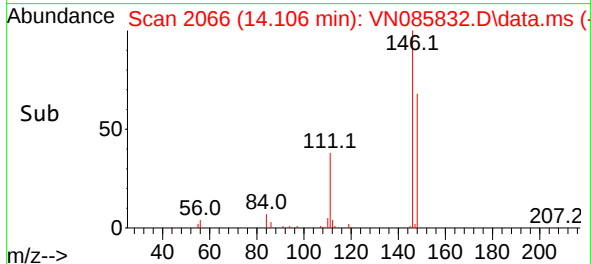
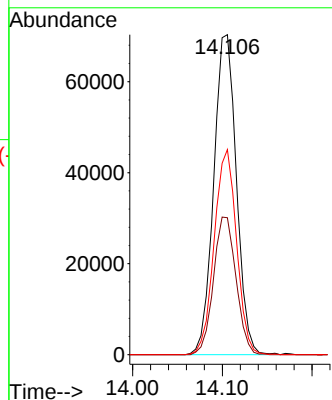
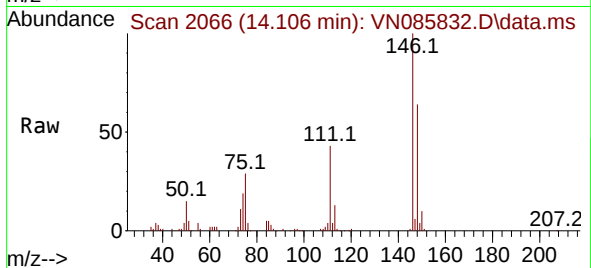
#91
1,2-Dichlorobenzene
Concen: 19.510 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion:146 Resp: 123530
Ion Ratio Lower Upper
146 100
111 43.0 21.4 64.3
148 63.1 32.0 96.2

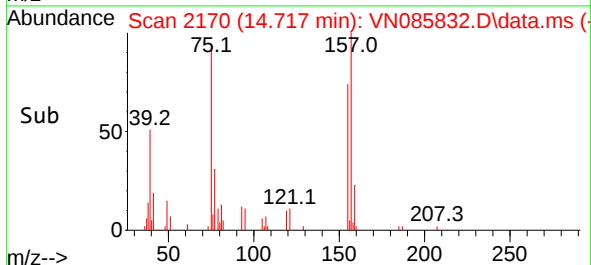
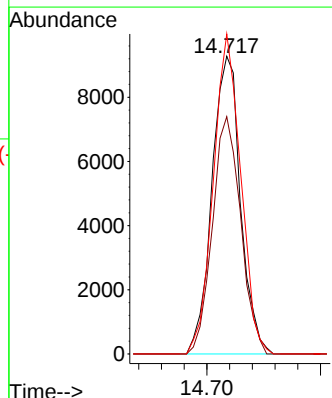
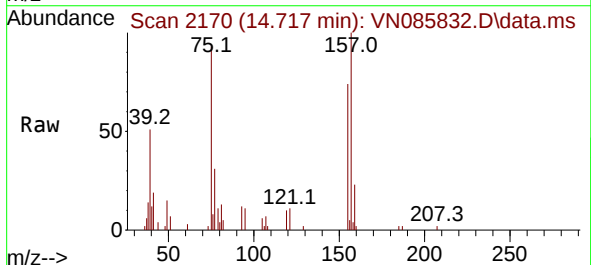
Manual Integrations
APPROVED

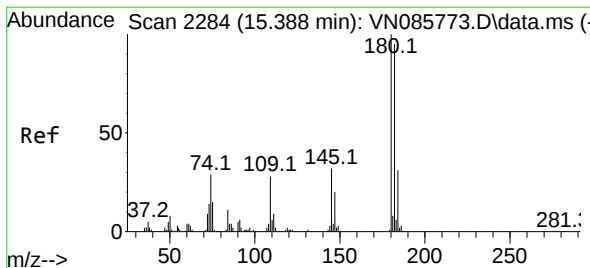
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.681 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

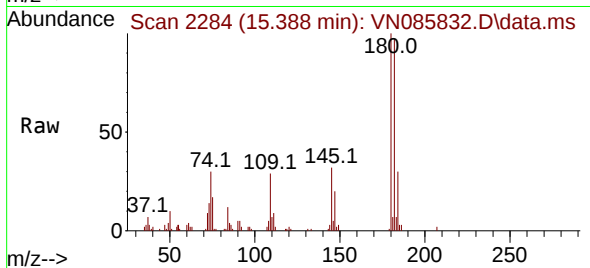
Tgt Ion: 75 Resp: 16177
Ion Ratio Lower Upper
75 100
155 79.1 39.9 119.6
157 103.2 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 17.032 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

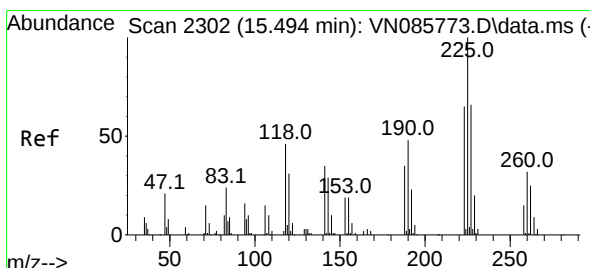
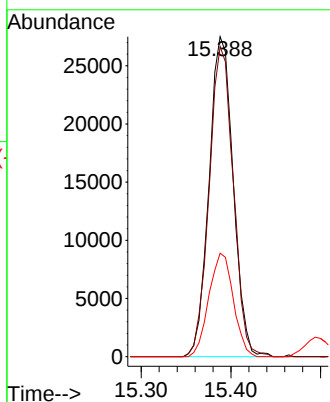
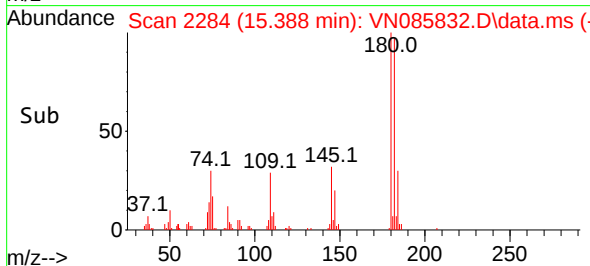
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



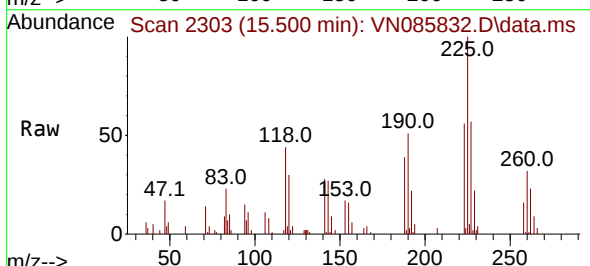
Tgt Ion:180 Resp: 5138
Ion Ratio Lower Upper
180 100
182 96.7 47.3 141.9
145 32.7 16.2 48.5

Manual Integrations
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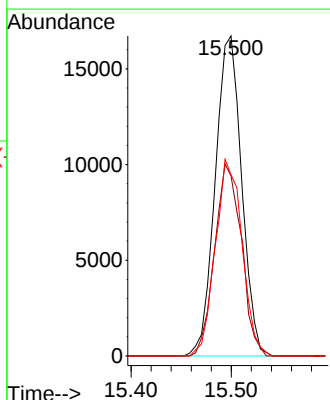
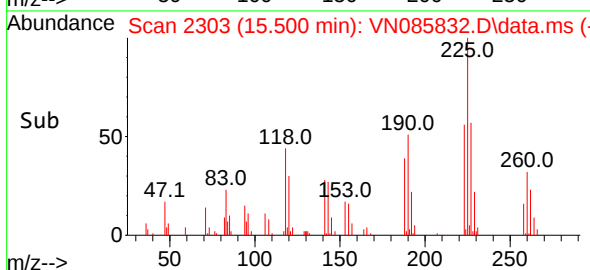
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

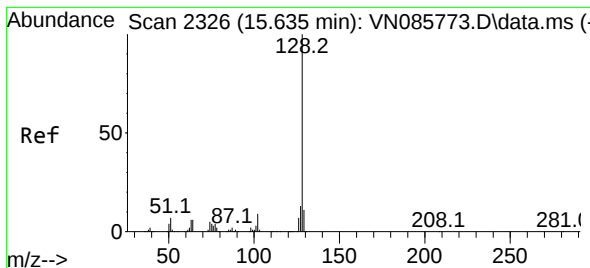


#94
Hexachlorobutadiene
Concen: 16.683 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03



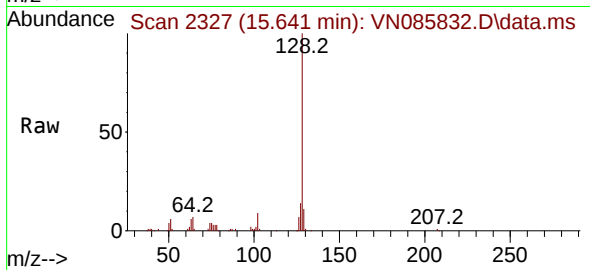
Tgt Ion:225 Resp: 30590
Ion Ratio Lower Upper
225 100
223 60.6 31.9 95.5
227 62.2 32.2 96.6





#95
Naphthalene
Concen: 17.349 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03

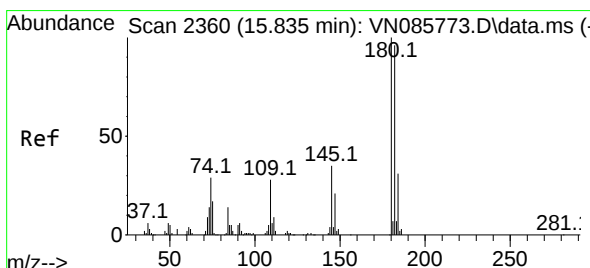
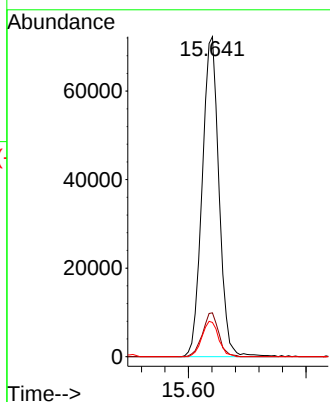
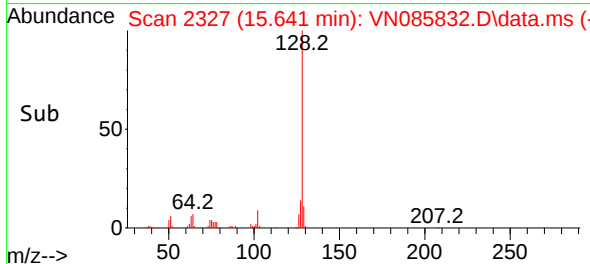
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



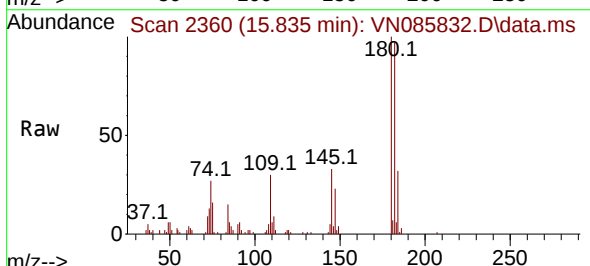
Tgt Ion:128 Resp: 143702
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.530 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085832.D
Acq: 24 Feb 2025 13:03



Tgt Ion:180 Resp: 53096
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.8
145 33.4 16.9 50.6

