

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021825\
 Data File : VN085773.D
 Acq On : 18 Feb 2025 11:32
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/19/2025
 Supervised By : Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 03:16:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:03:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	322407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	526945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	461653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	227499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	197726	47.304	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.600%		
35) Dibromofluoromethane	8.159	113	167050	48.447	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.900%		
50) Toluene-d8	10.559	98	632021	50.380	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.760%		
62) 4-Bromofluorobenzene	12.841	95	220691	53.393	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	215740	49.195	ug/l	100
3) Chloromethane	2.359	50	200592	45.584	ug/l	100
4) Vinyl Chloride	2.512	62	218675	46.933	ug/l	100
5) Bromomethane	2.953	94	136563	45.838	ug/l	100
6) Chloroethane	3.124	64	134303	43.517	ug/l	100
7) Trichlorofluoromethane	3.501	101	309133	45.825	ug/l	100
8) Diethyl Ether	3.959	74	106634	48.854	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	181996	46.673	ug/l	100
10) Methyl Iodide	4.583	142	232889	48.452	ug/l	100
11) Tert butyl alcohol	5.506	59	126538	246.136	ug/l	100
12) 1,1-Dichloroethene	4.336	96	170063	48.100	ug/l	100
13) Acrolein	4.177	56	203891	267.442	ug/l	100
14) Allyl chloride	5.018	41	222754	47.986	ug/l	100
15) Acrylonitrile	5.712	53	394641	236.130	ug/l	100
16) Acetone	4.418	43	297175	224.691	ug/l	100
17) Carbon Disulfide	4.712	76	474860	45.317	ug/l	100
18) Methyl Acetate	5.018	43	199458	43.846	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	534589	50.883	ug/l	100
20) Methylene Chloride	5.271	84	191098	44.929	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	176973	46.486	ug/l	100
22) Diisopropyl ether	6.665	45	529828	50.512	ug/l	100
23) Vinyl Acetate	6.594	43	1802342	251.727	ug/l	100
24) 1,1-Dichloroethane	6.565	63	333567	46.781	ug/l	100
25) 2-Butanone	7.471	43	474562	243.893	ug/l	100
26) 2,2-Dichloropropane	7.483	77	304840	48.079	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	213235	48.306	ug/l	100
28) Bromochloromethane	7.806	49	143276	48.888	ug/l	100
29) Tetrahydrofuran	7.830	42	315243	250.894	ug/l	100
30) Chloroform	7.959	83	344841	46.278	ug/l	100
31) Cyclohexane	8.253	56	277254	46.440	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	311700	47.030	ug/l	100
36) 1,1-Dichloropropene	8.365	75	242144	49.620	ug/l	100
37) Ethyl Acetate	7.553	43	197609	49.206	ug/l	100
38) Carbon Tetrachloride	8.353	117	278306	47.997	ug/l	100
39) Methylcyclohexane	9.594	83	259289	54.085	ug/l	100
40) Benzene	8.600	78	759363	48.551	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	113568	52.901	ug/l	100
42) 1,2-Dichloroethane	8.665	62	240115	47.132	ug/l	100
43) Isopropyl Acetate	8.683	43	335482	47.574	ug/l	100
44) Trichloroethene	9.347	130	178742	46.544	ug/l	100
45) 1,2-Dichloropropane	9.618	63	182649	48.379	ug/l	100
46) Dibromomethane	9.700	93	127850	48.010	ug/l	100
47) Bromodichloromethane	9.882	83	272912	47.901	ug/l	100
48) Methyl methacrylate	9.677	41	158375	53.102	ug/l	100
49) 1,4-Dioxane	9.688	88	60759	1071.301	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	997906	257.731	ug/l	100
52) Toluene	10.624	92	475069	51.816	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	274791	52.159	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	298359	51.646	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	174198	47.788	ug/l	100
56) Ethyl methacrylate	10.871	69	261825	49.960	ug/l	100
57) 1,3-Dichloropropane	11.159	76	297683	48.920	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	458983	230.774	ug/l	100
59) 2-Hexanone	11.188	43	719870	270.257	ug/l	100
60) Dibromochloromethane	11.353	129	211769	49.890	ug/l	100
61) 1,2-Dibromoethane	11.465	107	169422	49.191	ug/l	100
64) Tetrachloroethene	11.100	164	166710	46.613	ug/l	100
65) Chlorobenzene	11.882	112	512436	48.454	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	182537	48.020	ug/l	100
67) Ethyl Benzene	11.959	91	879040	53.062	ug/l	100
68) m/p-Xylenes	12.065	106	684377	108.757	ug/l	100
69) o-Xylene	12.394	106	324948	54.342	ug/l	100
70) Styrene	12.406	104	555269	49.909	ug/l	100
71) Bromoform	12.570	173	139895	49.528	ug/l #	100
73) Isopropylbenzene	12.688	105	817980	52.482	ug/l	100
74) N-amyl acetate	12.488	43	282288	51.360	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	239463	44.649	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	215451m	43.108	ug/l	100
77) Bromobenzene	12.976	156	205754	48.863	ug/l	100
78) n-propylbenzene	13.029	91	968182	54.241	ug/l	100
79) 2-Chlorotoluene	13.118	91	595046	49.895	ug/l	100
80) 1,3,5-Trimethylbenzene	13.165	105	695205	54.757	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	90255	52.111	ug/l	100
82) 4-Chlorotoluene	13.218	91	604612	51.139	ug/l	100
83) tert-Butylbenzene	13.435	119	586493	54.933	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	700260	55.748	ug/l	100
85) sec-Butylbenzene	13.612	105	831143	55.099	ug/l	100
86) p-Isopropyltoluene	13.723	119	692641	50.103	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	372004	47.154	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	374700	46.340	ug/l	100
89) n-Butylbenzene	14.053	91	580445	54.197	ug/l	100
90) Hexachloroethane	14.329	117	133438	46.708	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	358159	47.211	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.712	75	43935	44.611	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	182458	50.473	ug/l	100
94) Hexachlorobutadiene	15.494	225	96444	43.899	ug/l	100
95) Naphthalene	15.635	128	528627	53.265	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	179544	49.473	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:03:15 2025
Response via : Initial Calibration

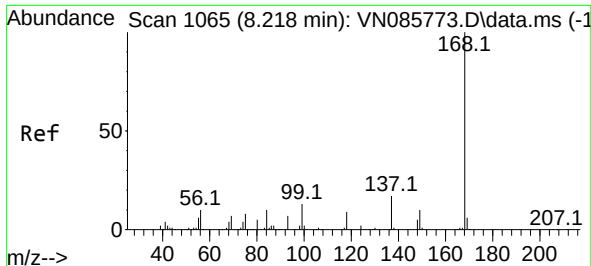
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

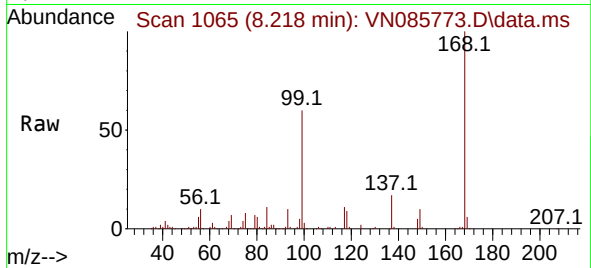
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

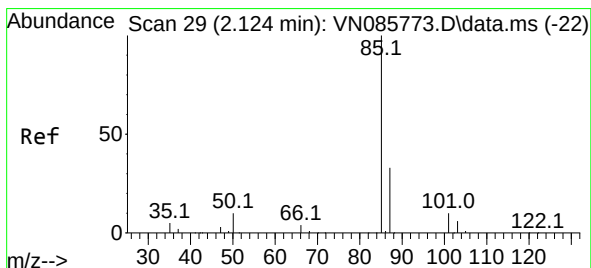
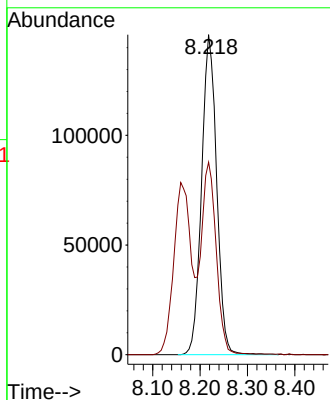
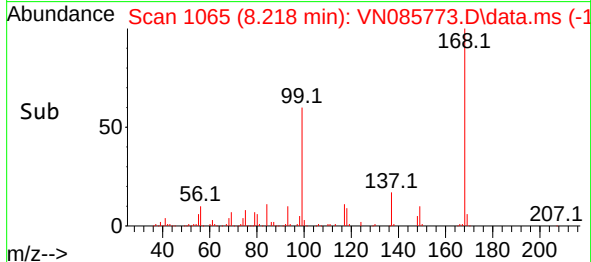
Instrument :
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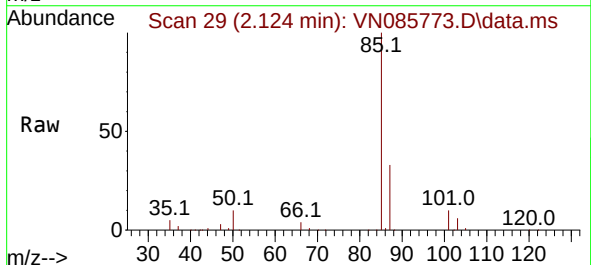
Tgt Ion:168 Resp: 32240
Ion Ratio Lower Upper
168 100
99 59.9 47.9 71.9

Manual Integrations
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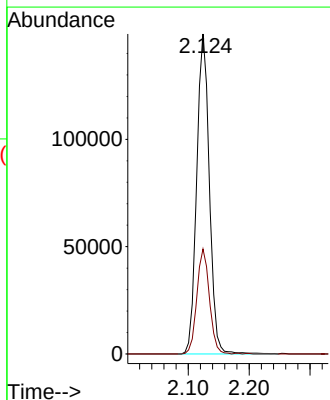
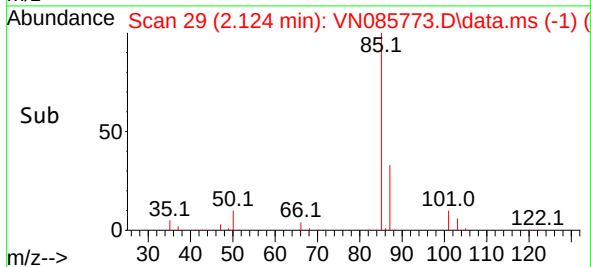
Reviewed By :John Carlone 02/19/2025
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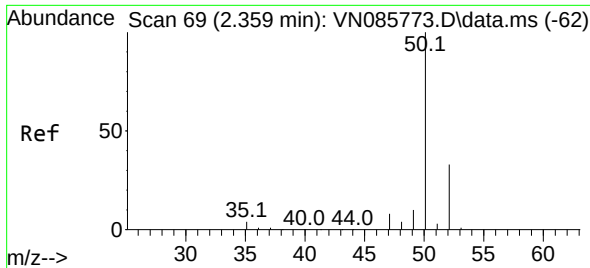


#2
Dichlorodifluoromethane
Concen: 49.195 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32



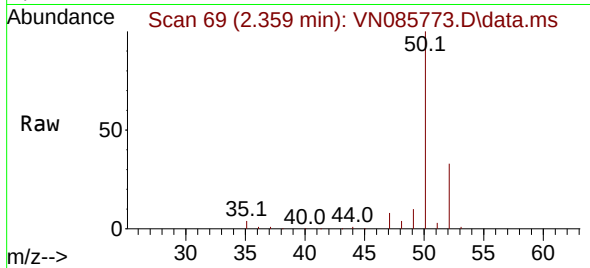
Tgt Ion: 85 Resp: 215740
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.2





#3
Chloromethane
Concen: 45.584 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

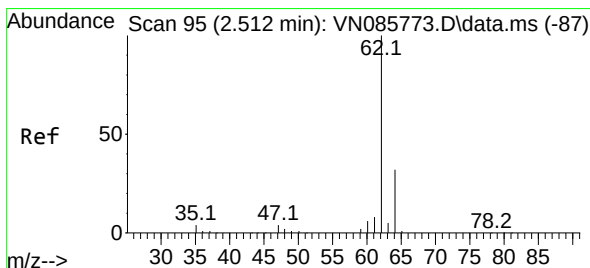
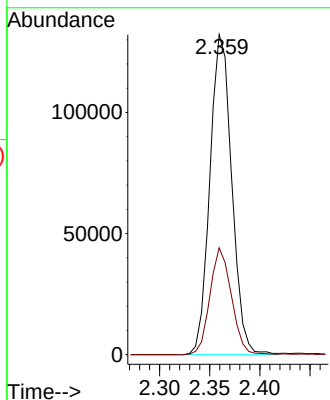
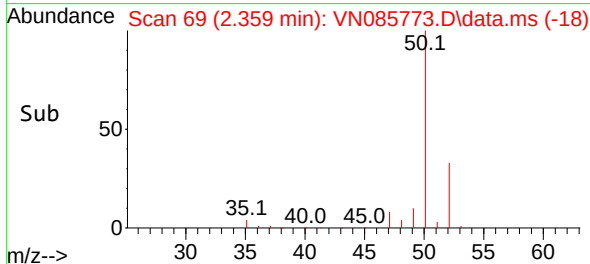
Instrument :
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VSTDICCC050



Tgt Ion: 50 Resp: 200592
Ion Ratio Lower Upper
50 100
52 33.4 26.7 40.1

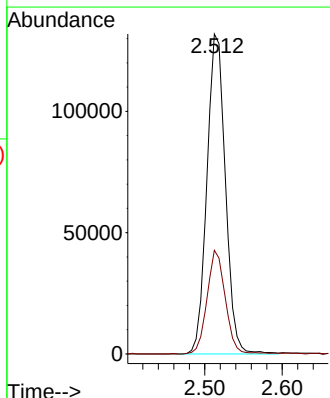
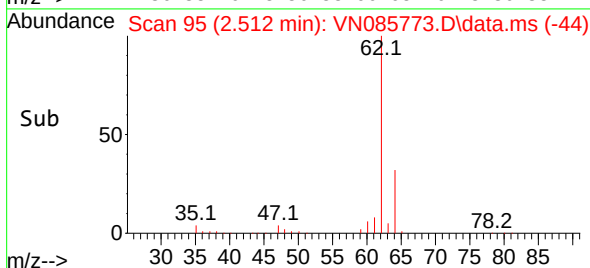
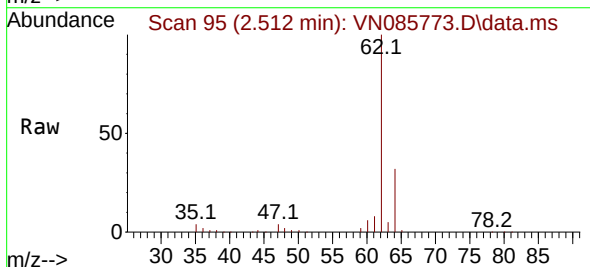
Manual Integrations
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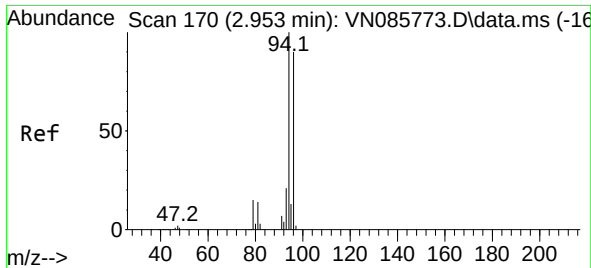
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#4
Vinyl Chloride
Concen: 46.933 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

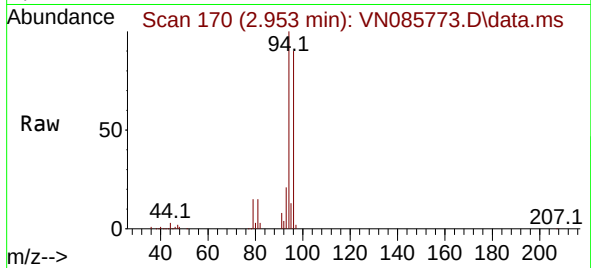
Tgt Ion: 62 Resp: 218675
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9





#5
Bromomethane
Concen: 45.838 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

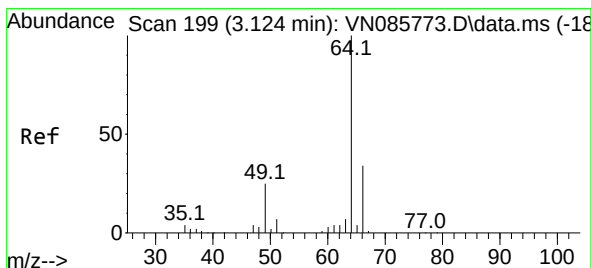
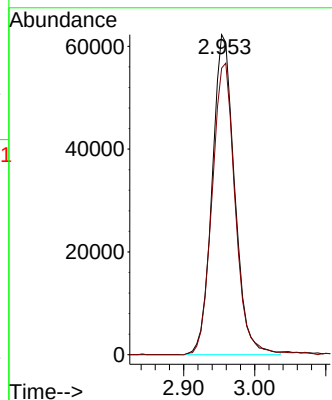
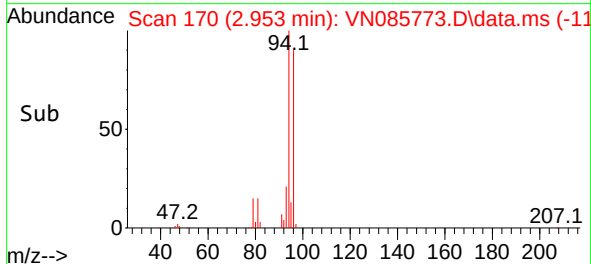
Instrument :
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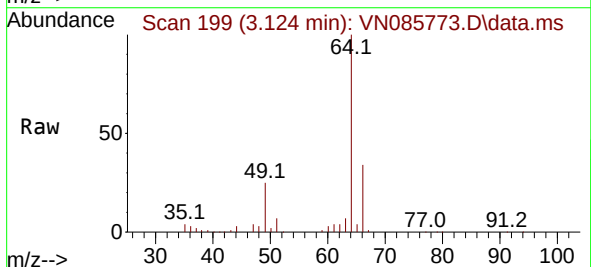
Tgt Ion: 94 Resp: 13656
Ion Ratio Lower Upper
94 100
96 89.6 71.7 107.5

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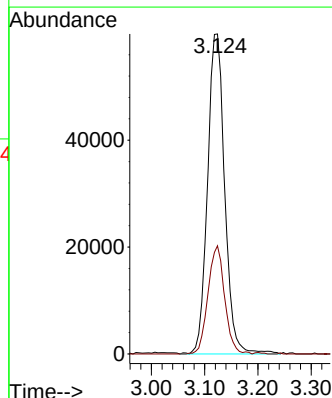
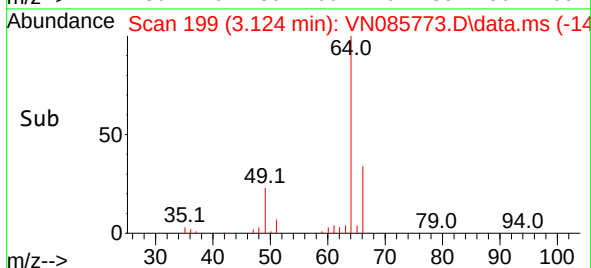
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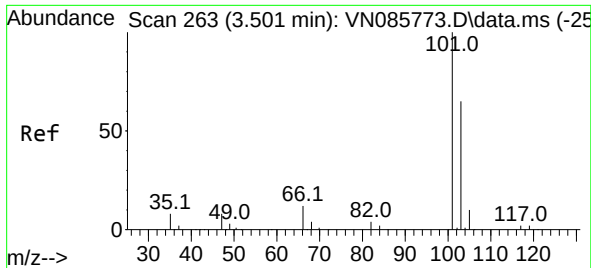


#6
Chloroethane
Concen: 43.517 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085773.D
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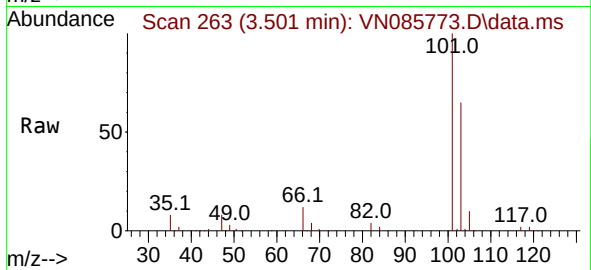
Tgt Ion: 64 Resp: 134303
Ion Ratio Lower Upper
64 100
66 33.8 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 45.825 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

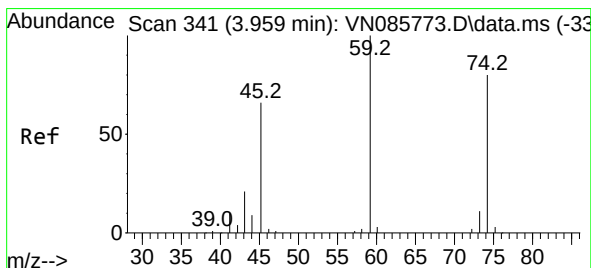
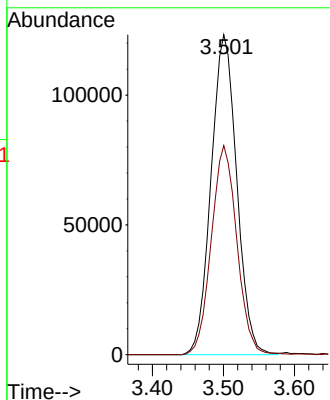
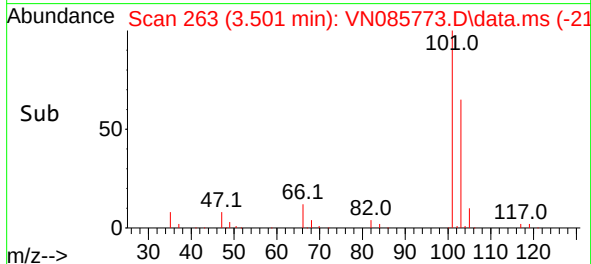
Instrument :
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 ClientSampleId :
 VSTDICCC050



Tgt Ion:101 Resp: 30913
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4

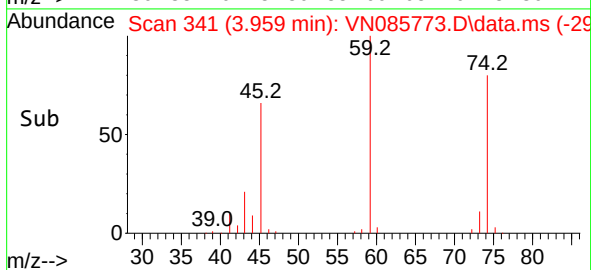
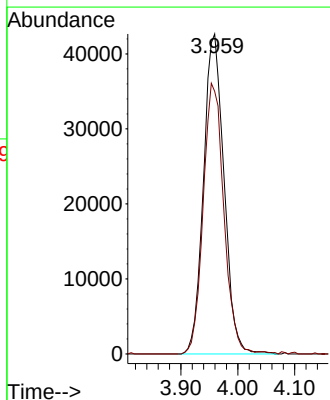
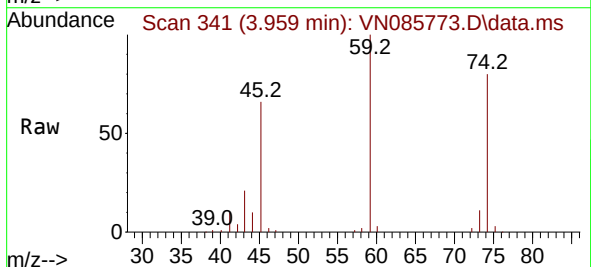
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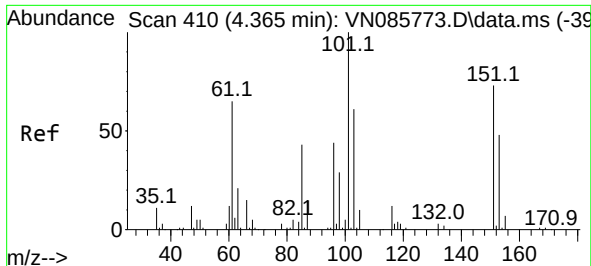
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#8
 Diethyl Ether
 Concen: 48.854 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085773.D
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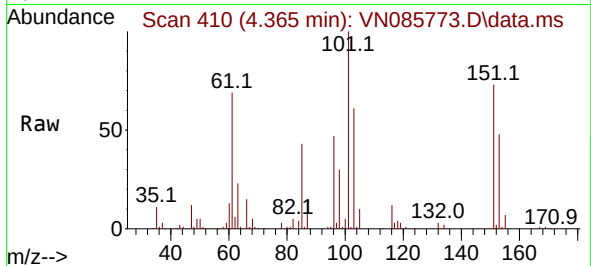
Tgt Ion: 74 Resp: 106634
 Ion Ratio Lower Upper
 74 100
 45 85.1 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.673 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

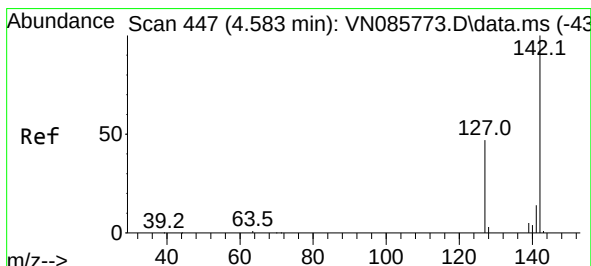
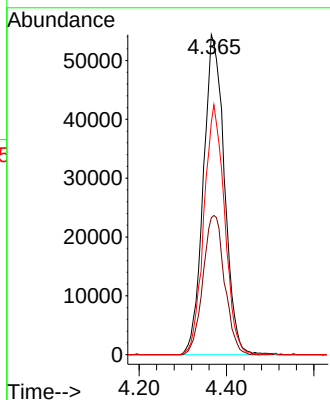
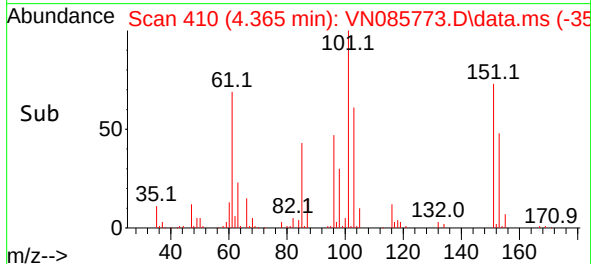
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 181990
Ion Ratio Lower Upper
101 100
85 44.6 35.7 53.5
151 76.8 61.4 92.2

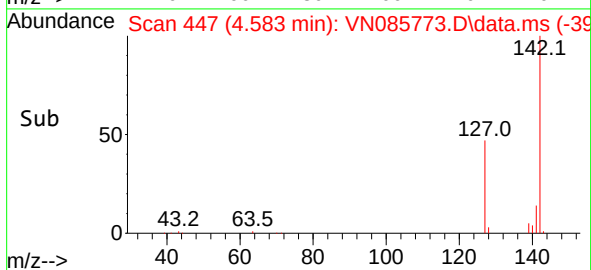
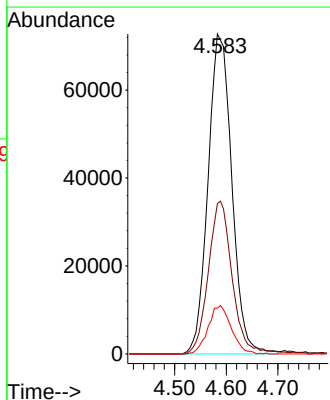
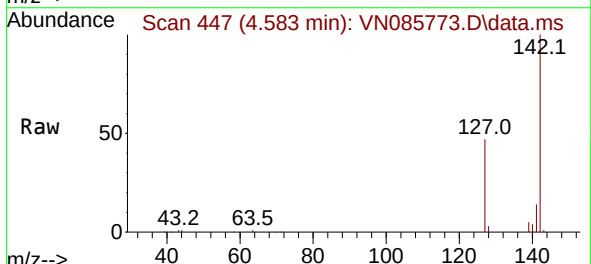
Manual Integrations
APPROVED

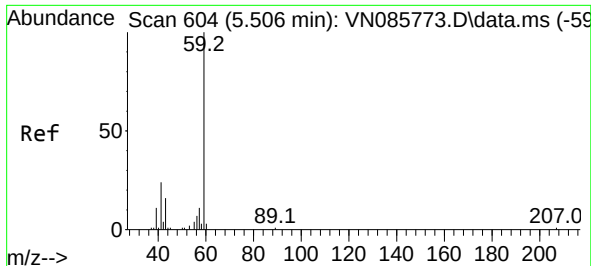
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#10
Methyl Iodide
Concen: 48.452 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

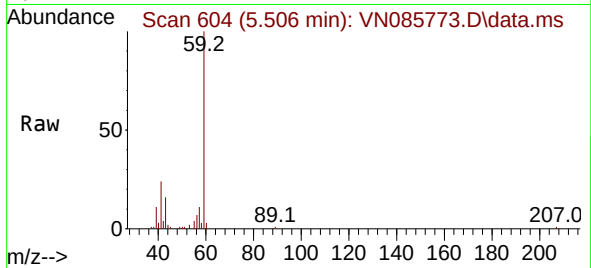
Tgt Ion:142 Resp: 232889
Ion Ratio Lower Upper
142 100
127 47.0 37.6 56.4
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 246.136 ug/l
RT: 5.506 min Scan# 604
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

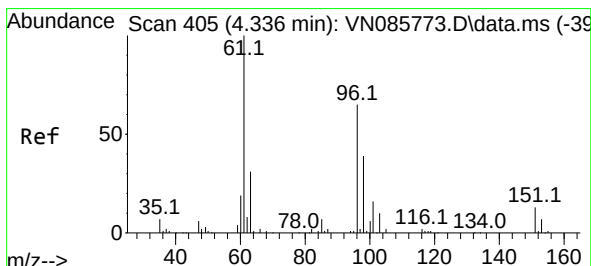
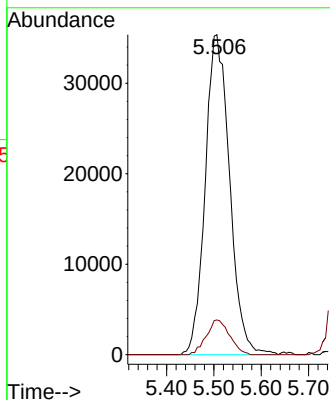
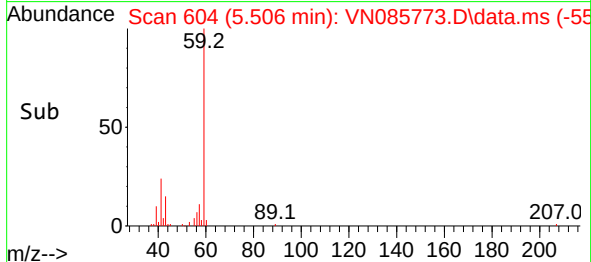
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



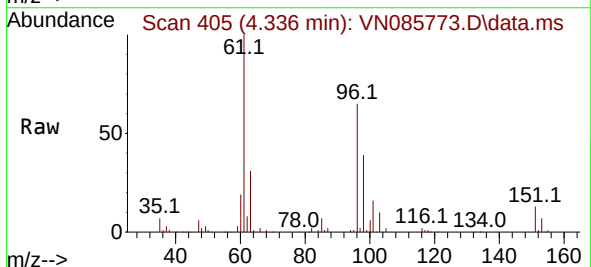
Tgt Ion: 59 Resp: 126538
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
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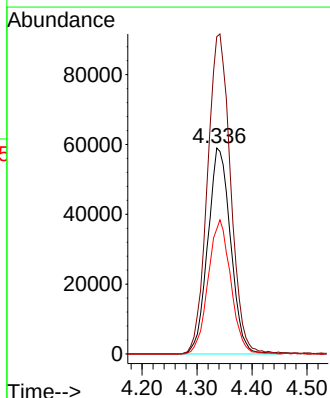
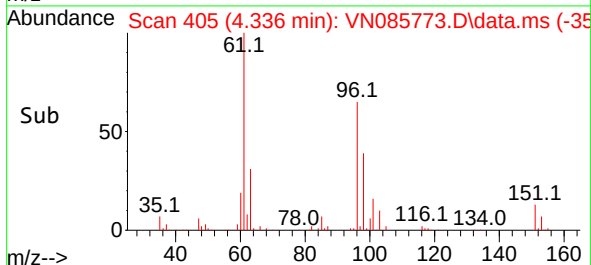
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

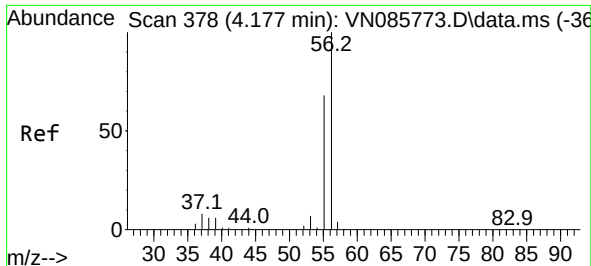


#12
1,1-Dichloroethene
Concen: 48.100 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32



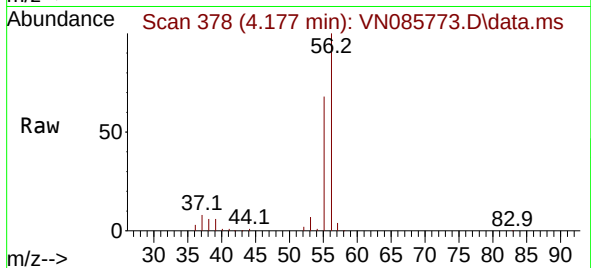
Tgt Ion: 96 Resp: 170063
Ion Ratio Lower Upper
96 100
61 154.1 123.3 184.9
98 60.7 48.6 72.8





#13
Acrolein
Concen: 267.442 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

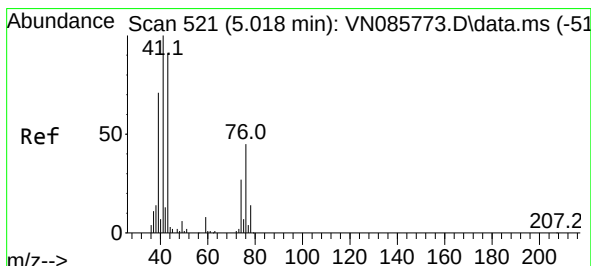
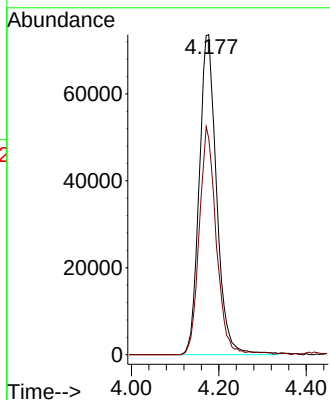
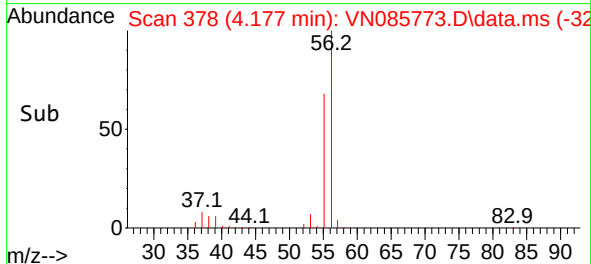
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 20389
Ion Ratio Lower Upper
56 100
55 69.1 55.3 82.9

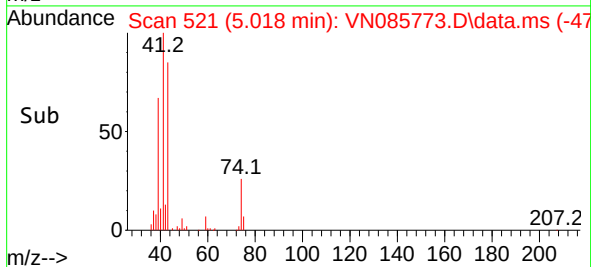
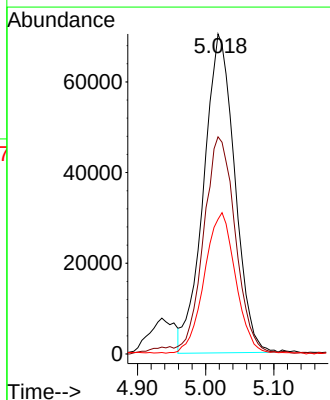
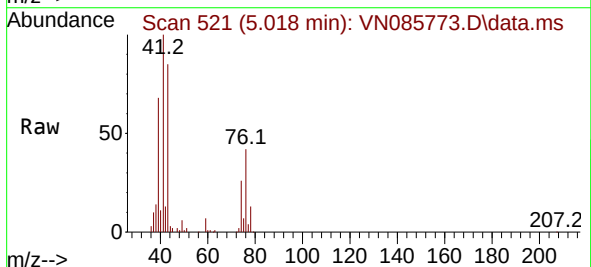
Manual Integrations
APPROVED

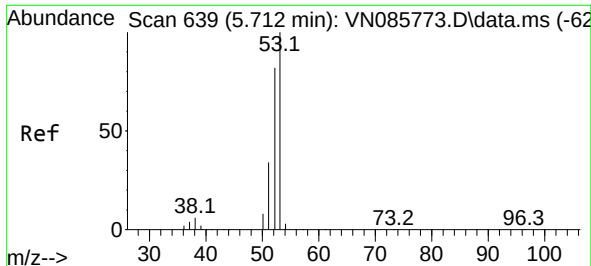
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#14
Allyl chloride
Concen: 47.986 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 41 Resp: 222754
Ion Ratio Lower Upper
41 100
39 71.8 57.4 86.2
76 45.2 36.2 54.2





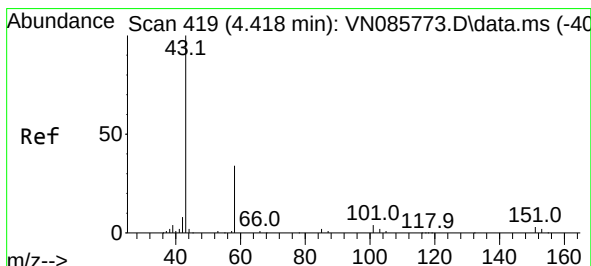
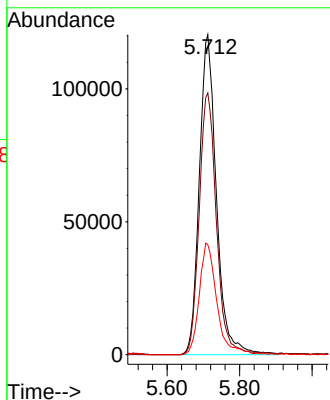
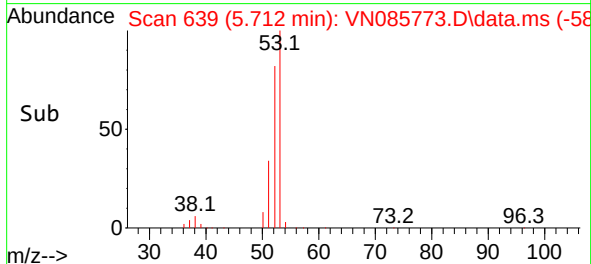
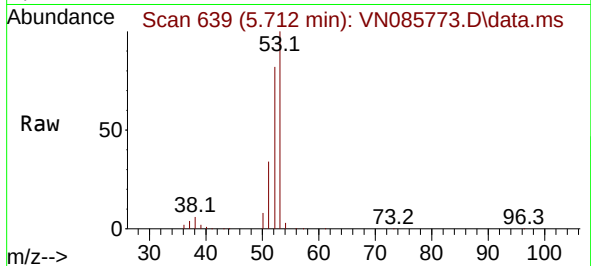
#15
Acrylonitrile
Concen: 236.130 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 39464
Ion Ratio Lower Upper
53 100
52 82.2 65.8 98.6
51 35.7 28.6 42.8

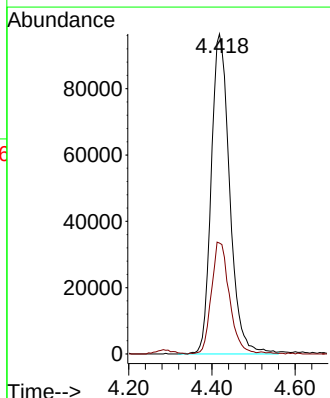
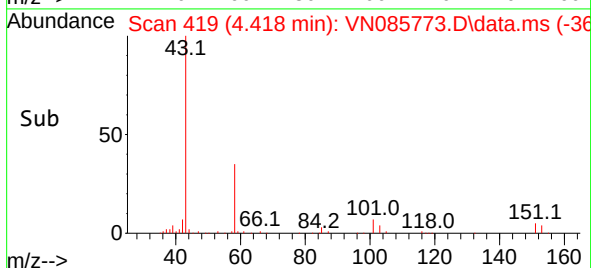
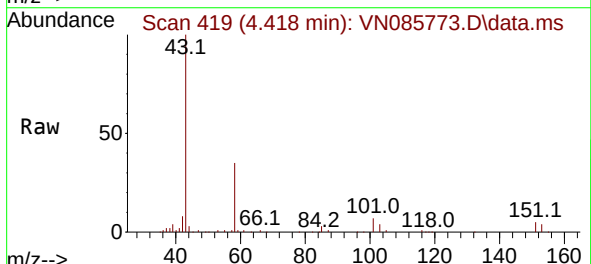
Manual Integrations
APPROVED

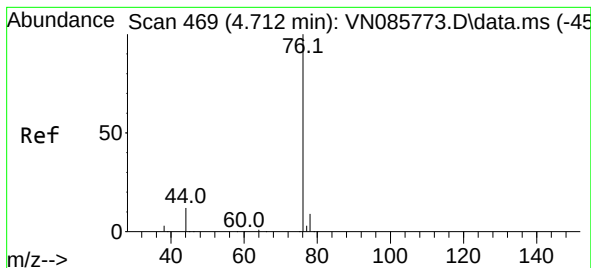
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#16
Acetone
Concen: 224.691 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 43 Resp: 297175
Ion Ratio Lower Upper
43 100
58 34.4 27.5 41.3





#17

Carbon Disulfide

Concen: 45.317 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 474860

Ion Ratio Lower Upper

76 100

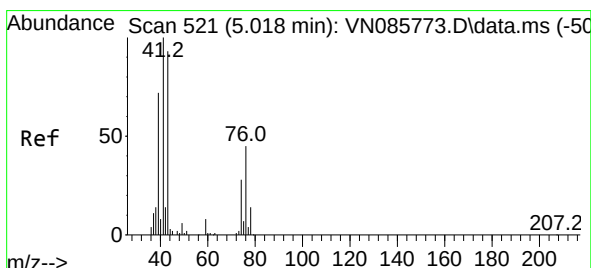
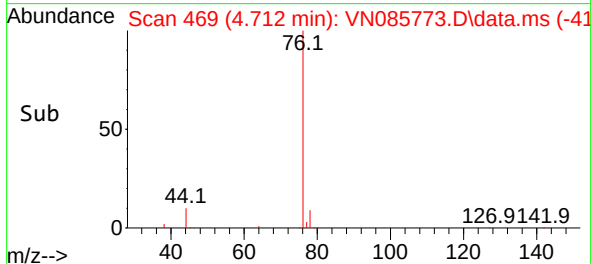
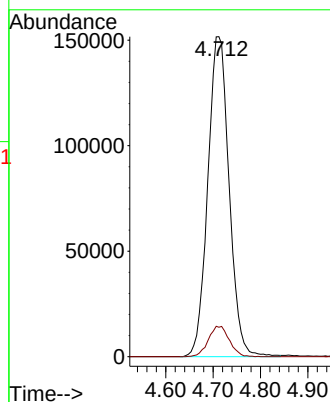
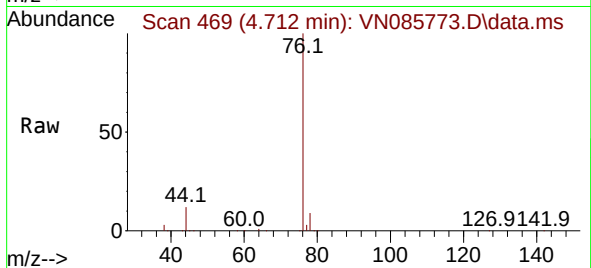
78 9.2 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#18

Methyl Acetate

Concen: 43.846 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN085773.D

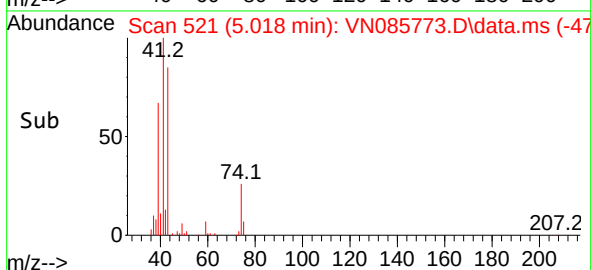
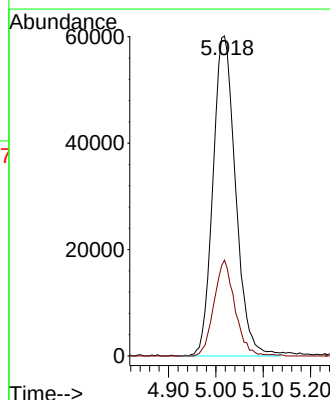
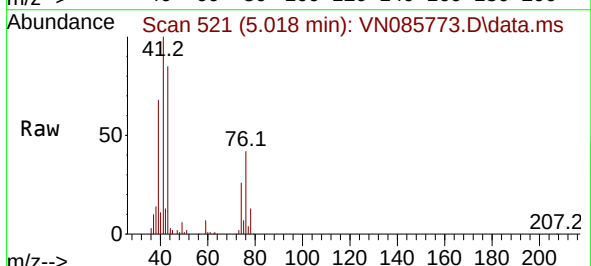
Acq: 18 Feb 2025 11:32

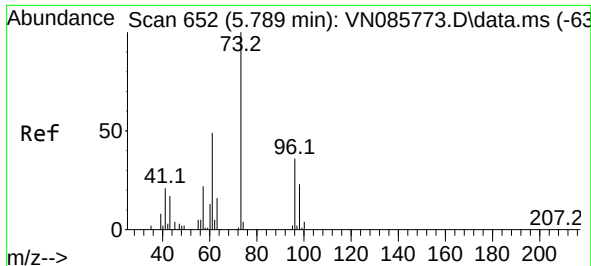
Tgt Ion: 43 Resp: 199458

Ion Ratio Lower Upper

43 100

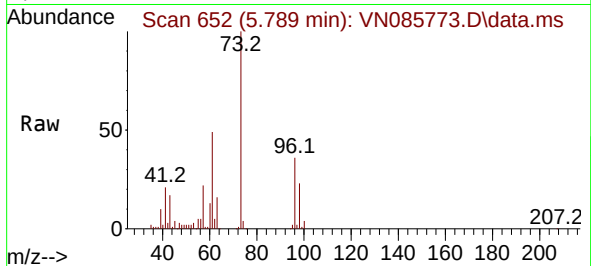
74 27.8 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 50.883 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

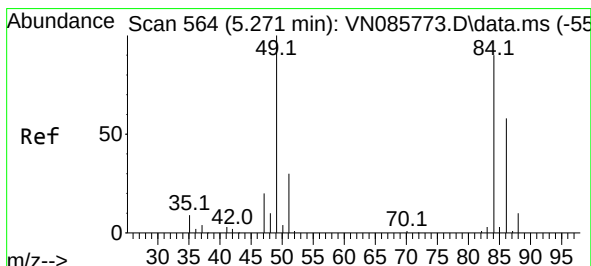
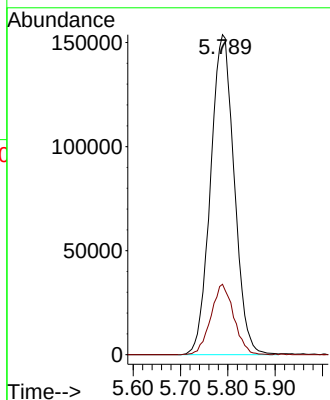
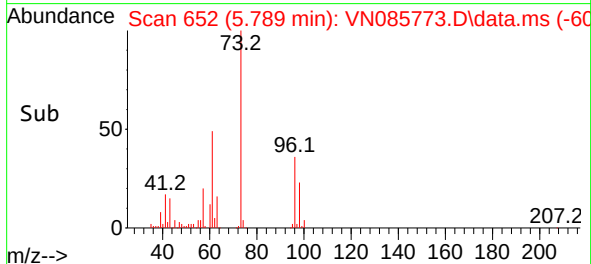
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 534589
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

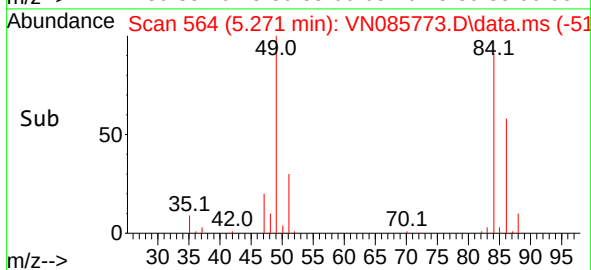
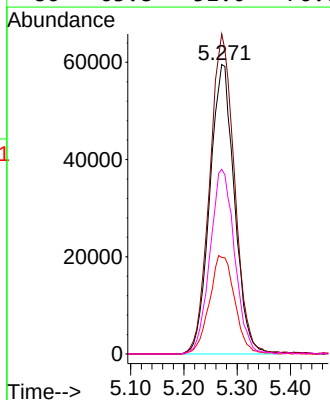
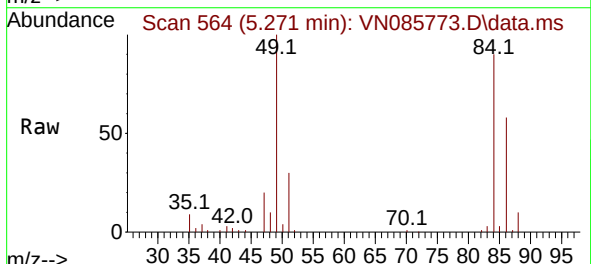
Manual Integrations
APPROVED

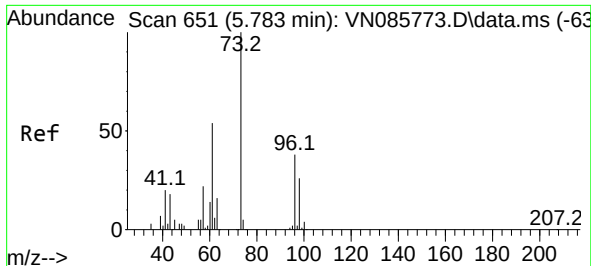
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 44.929 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

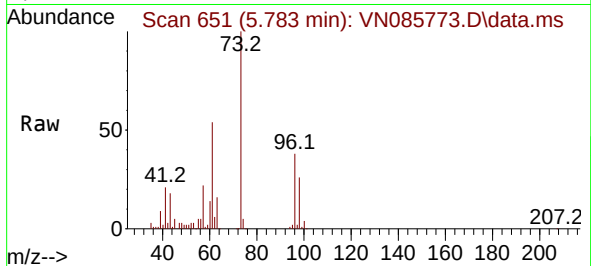
Tgt Ion: 84 Resp: 191098
Ion Ratio Lower Upper
84 100
49 110.5 88.4 132.6
51 33.3 26.6 40.0
86 63.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 46.486 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

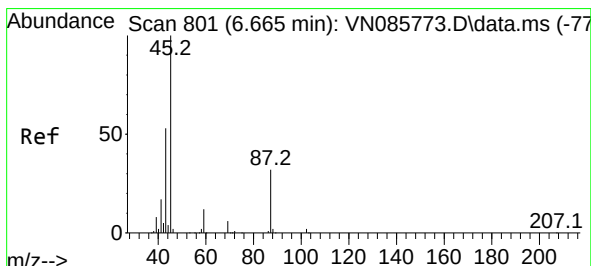
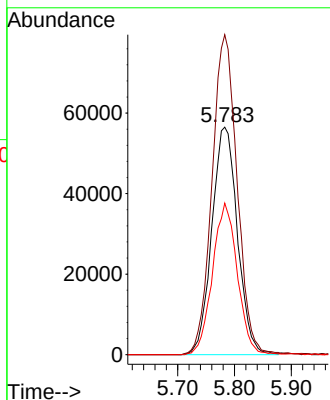
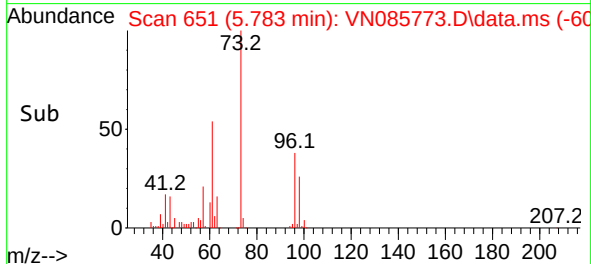
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 17697
Ion Ratio Lower Upper
96 100
61 140.7 112.6 168.8
98 66.6 53.3 79.9

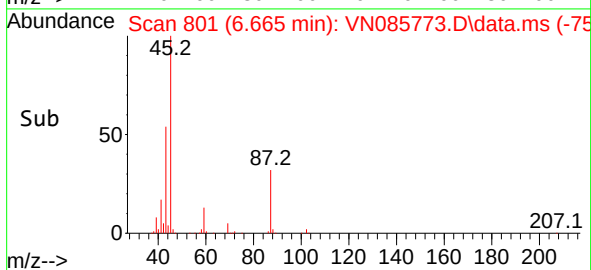
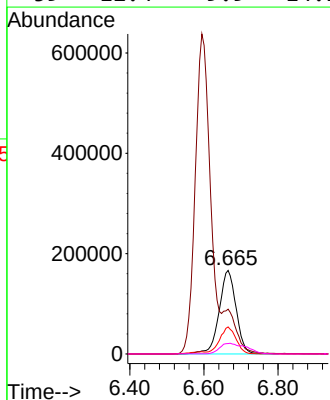
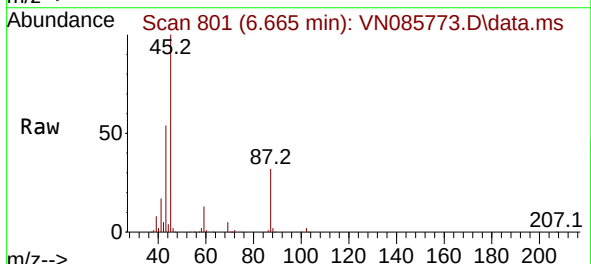
Manual Integrations
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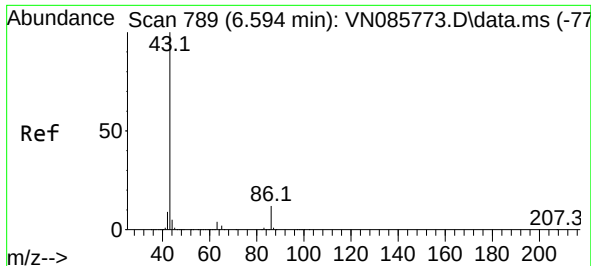
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#22
Diisopropyl ether
Concen: 50.512 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 45 Resp: 529828
Ion Ratio Lower Upper
45 100
43 53.3 42.6 64.0
87 32.3 25.8 38.8
59 12.4 9.9 14.9





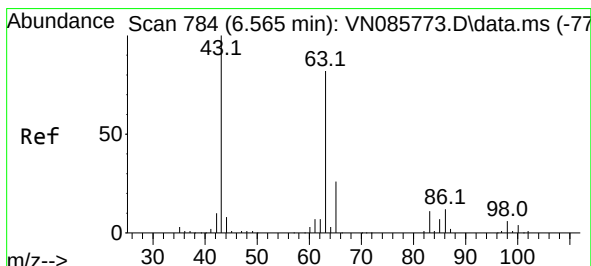
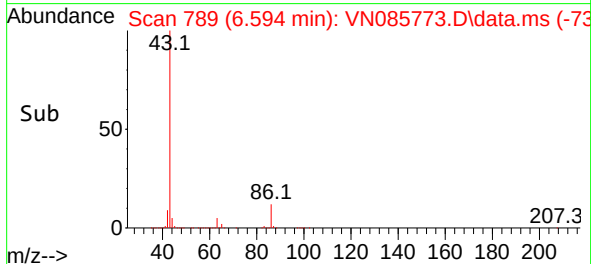
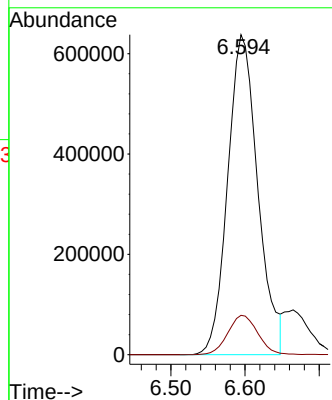
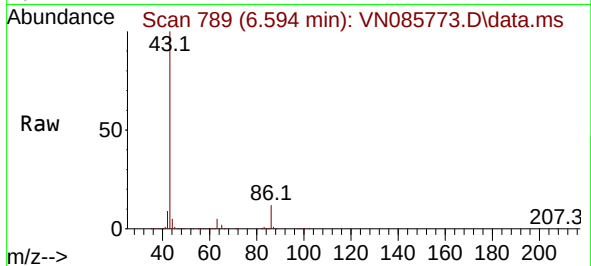
#23
 Vinyl Acetate
 Concen: 251.727 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 180234
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.8 14.8

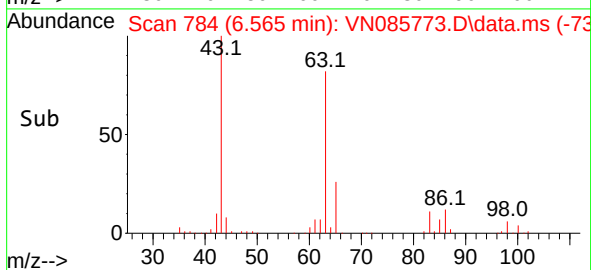
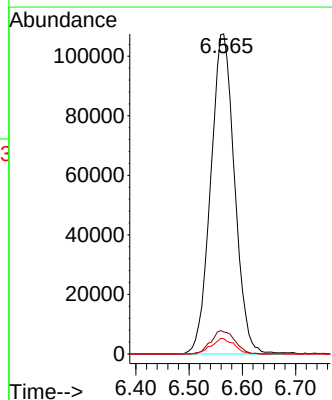
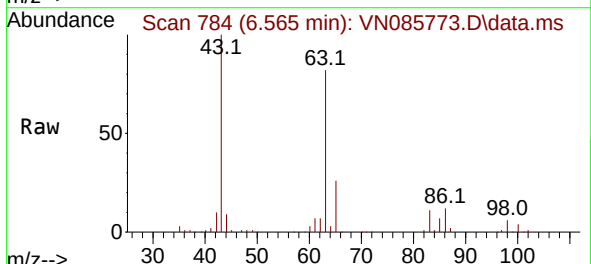
Manual Integrations
 APPROVED

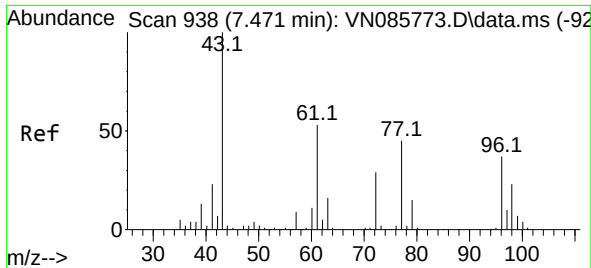
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#24
 1,1-Dichloroethane
 Concen: 46.781 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

Tgt Ion: 63 Resp: 333567
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.8 2.4 7.2





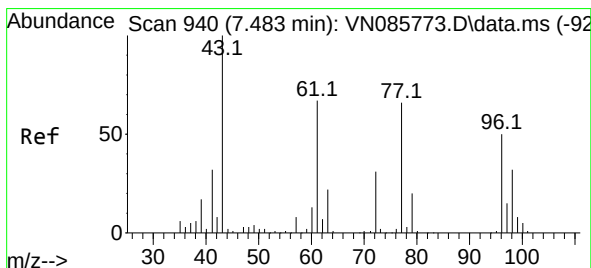
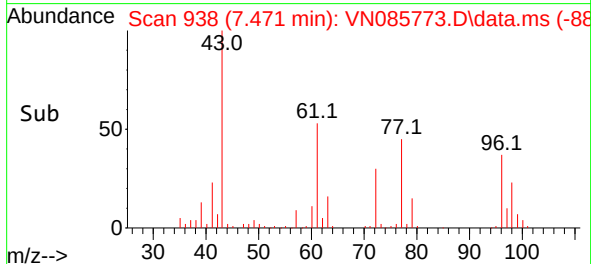
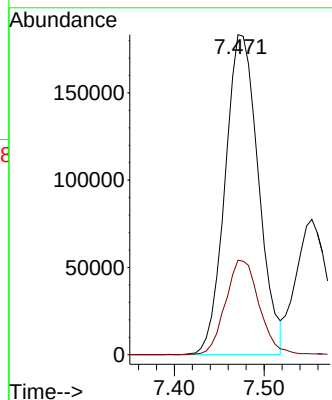
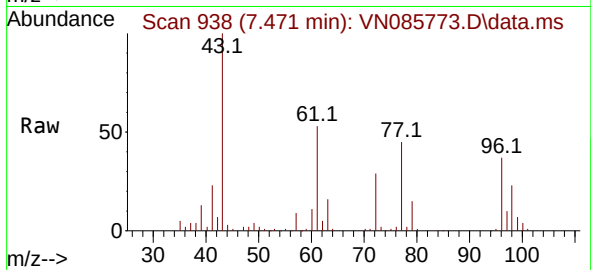
#25
2-Butanone
Concen: 243.893 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 474562
Ion Ratio Lower Upper
43 100
72 29.5 23.6 35.4

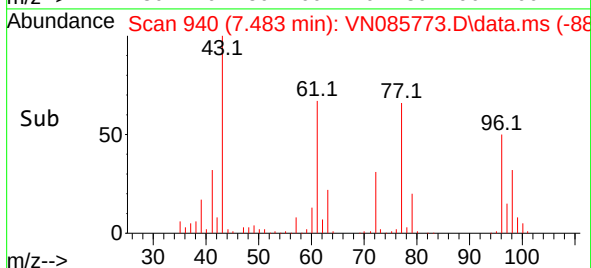
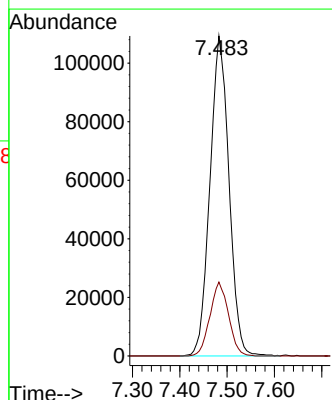
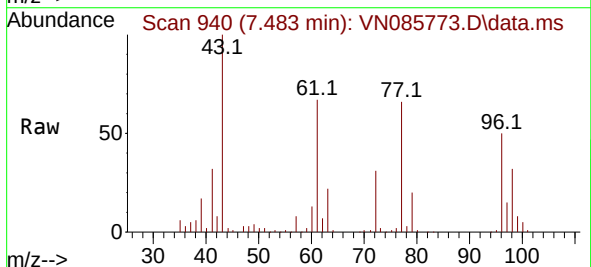
Manual Integrations
APPROVED

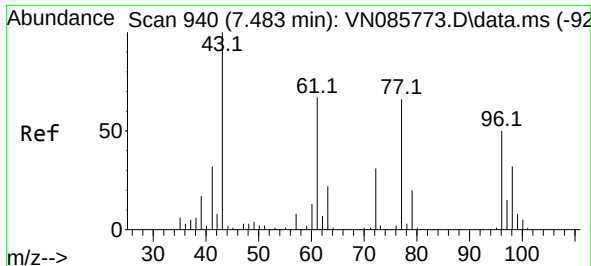
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#26
2,2-Dichloropropane
Concen: 48.079 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

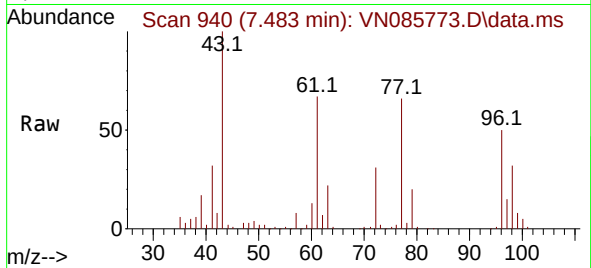
Tgt Ion: 77 Resp: 304840
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 48.306 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

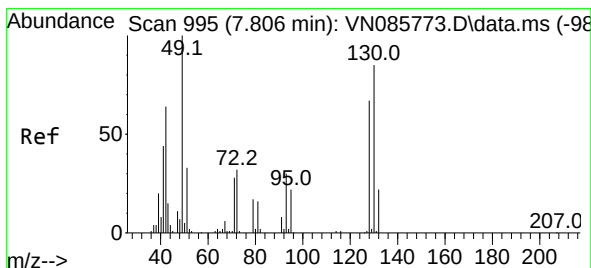
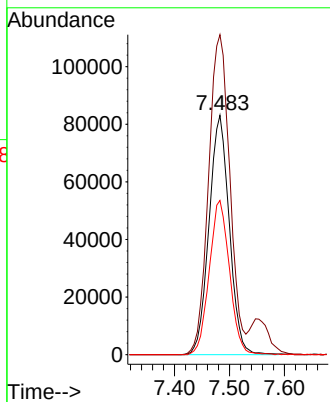
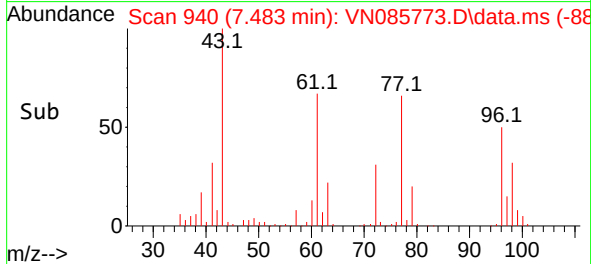
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



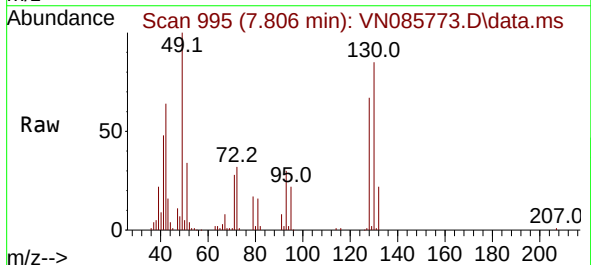
Tgt Ion: 96 Resp: 213235
 Ion Ratio Lower Upper
 96 100
 61 140.3 0.0 280.6
 98 64.3 0.0 128.6

Manual Integrations
 APPROVED

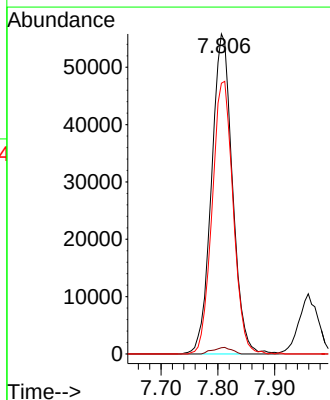
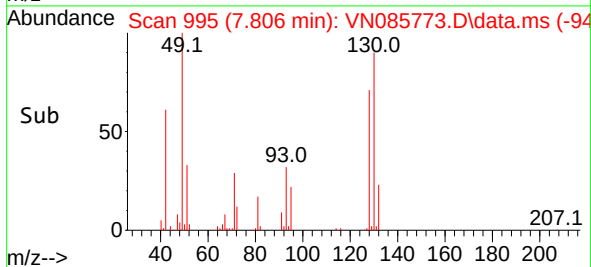
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

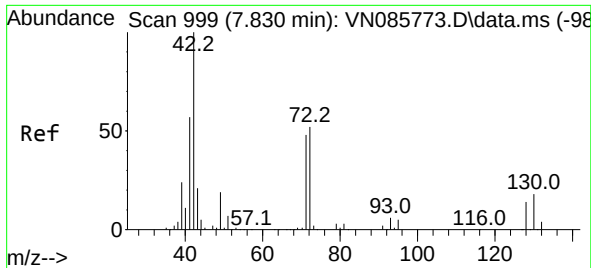


#28
 Bromochloromethane
 Concen: 48.888 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32



Tgt Ion: 49 Resp: 143276
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 85.0 68.0 102.0





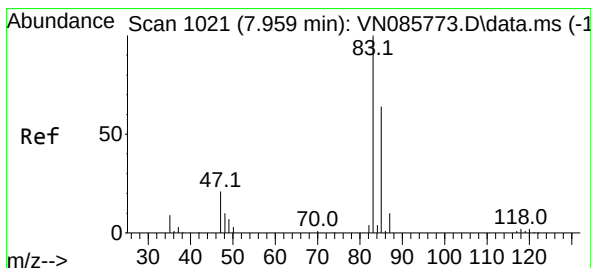
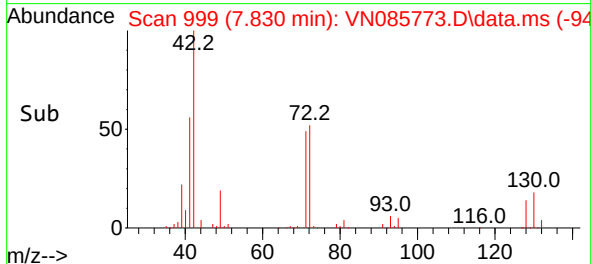
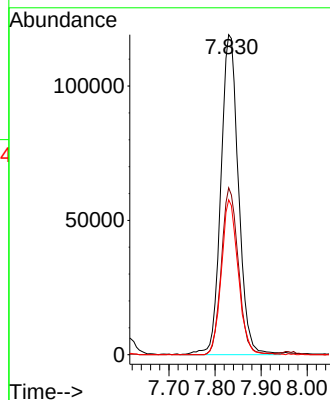
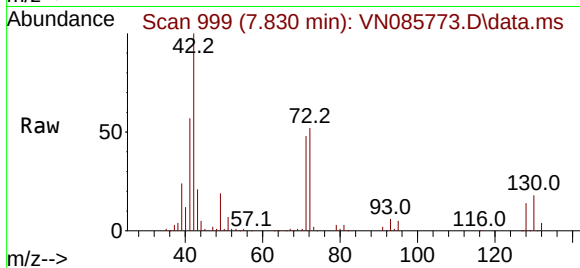
#29
Tetrahydrofuran
Concen: 250.894 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 31524
Ion Ratio Lower Upper
42 100
72 50.0 40.0 60.0
71 46.2 37.0 55.4

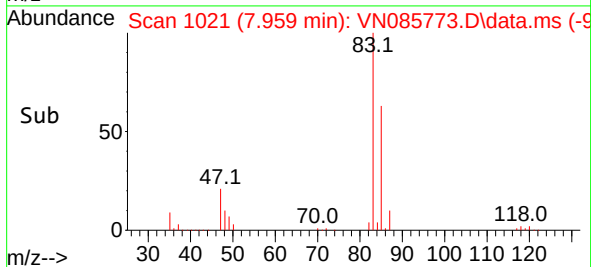
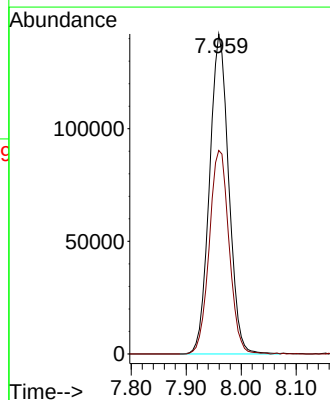
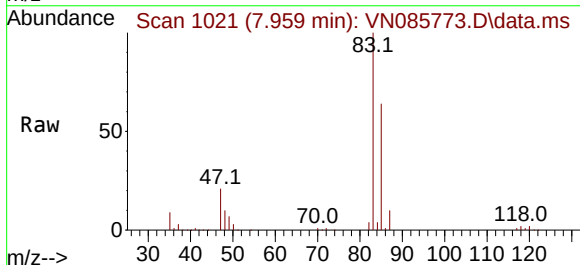
Manual Integrations
APPROVED

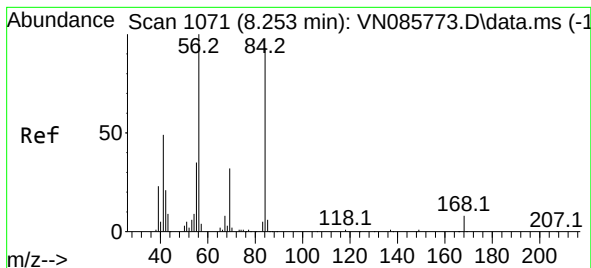
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#30
Chloroform
Concen: 46.278 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 83 Resp: 344841
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3





#31

Cyclohexane

Concen: 46.440 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN085773.D

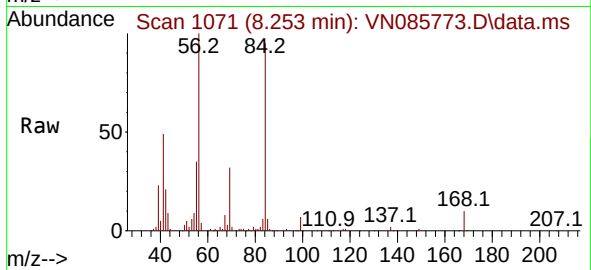
Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050



Tgt Ion: 56 Resp: 277254

Ion Ratio Lower Upper

56 100

69 32.2 25.8 38.6

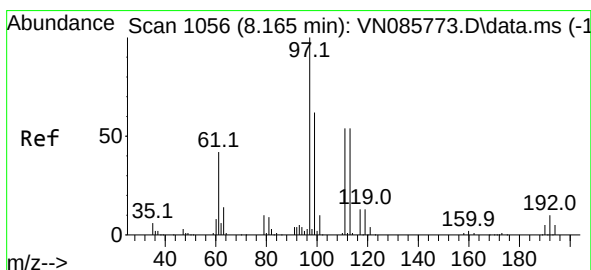
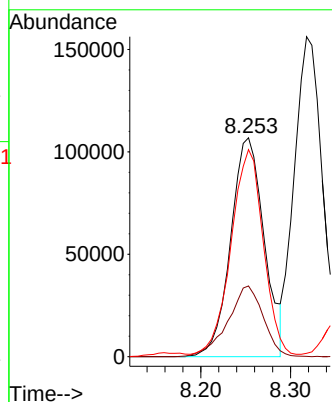
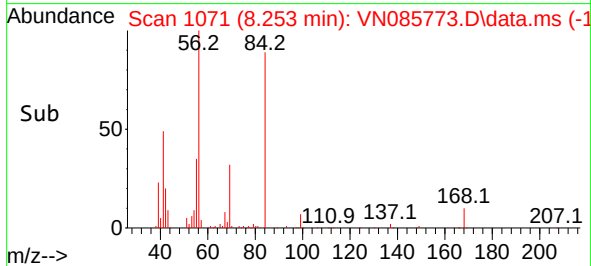
84 93.1 74.5 111.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#32

1,1,1-Trichloroethane

Concen: 47.030 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

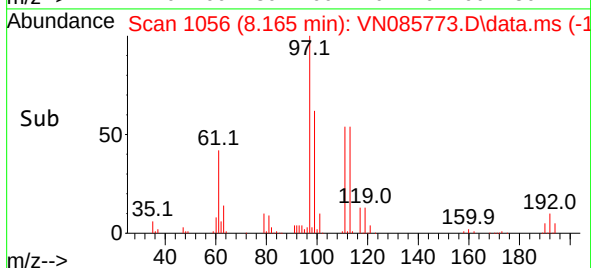
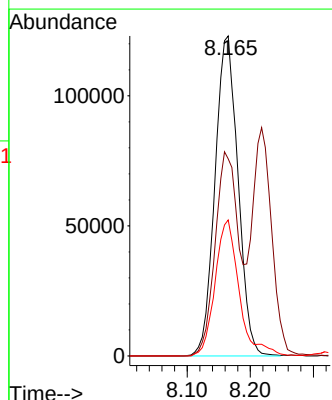
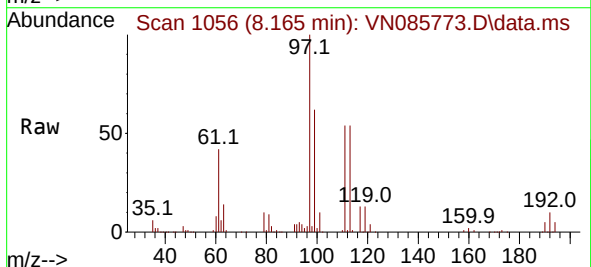
Tgt Ion: 97 Resp: 311700

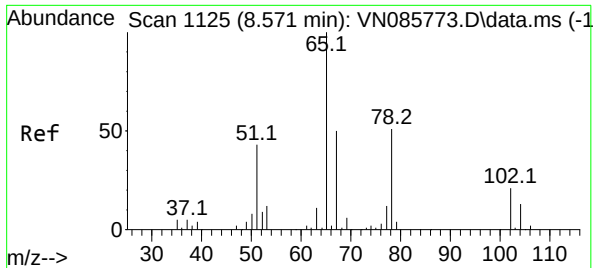
Ion Ratio Lower Upper

97 100

99 63.0 50.4 75.6

61 44.4 35.5 53.3





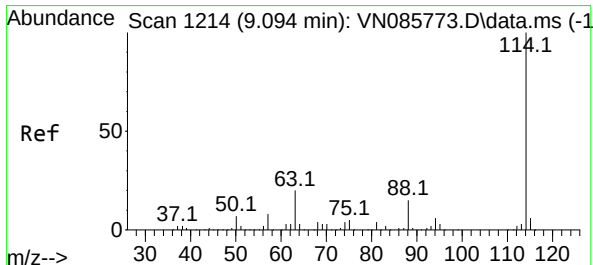
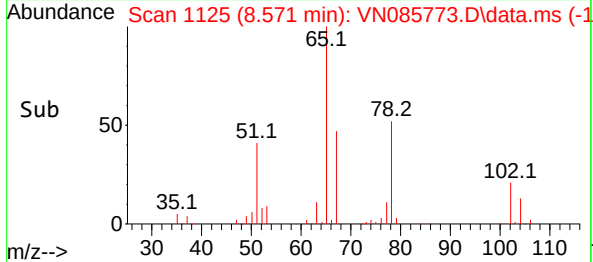
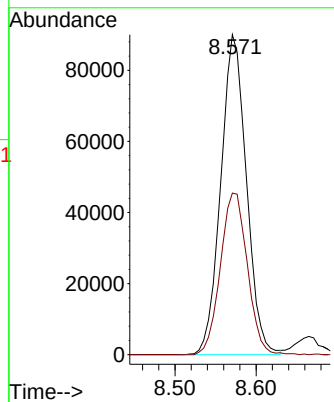
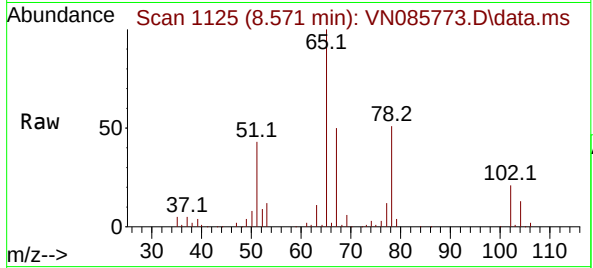
#33
 1,2-Dichloroethane-d4
 Concen: 47.304 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

Instrument : MSVOA_N
 ClientSampleId : VSTDICCC050

Tgt Ion: 65 Resp: 197720
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.2

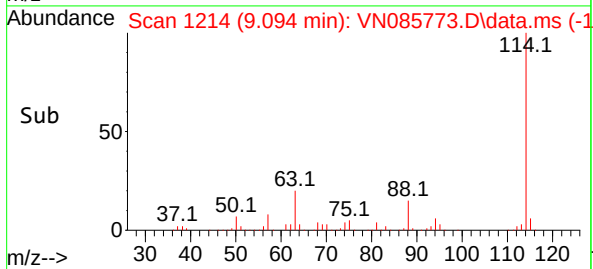
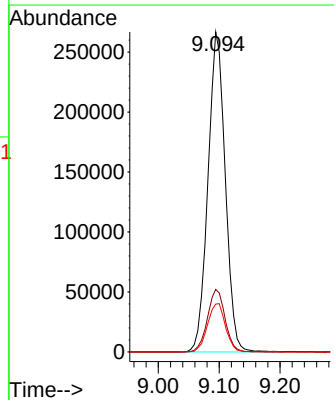
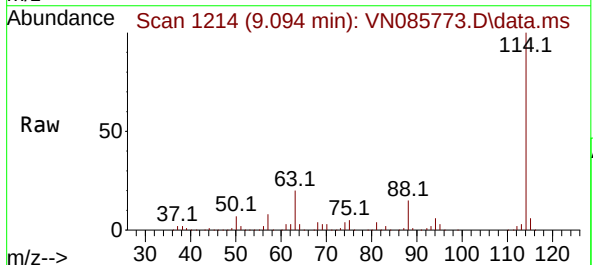
Manual Integrations
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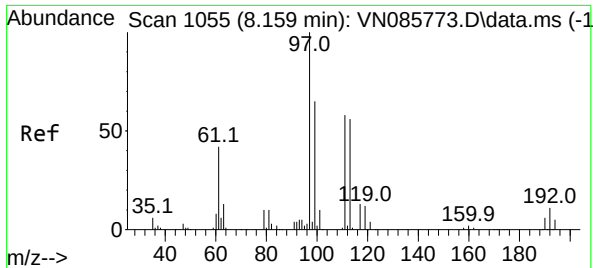
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

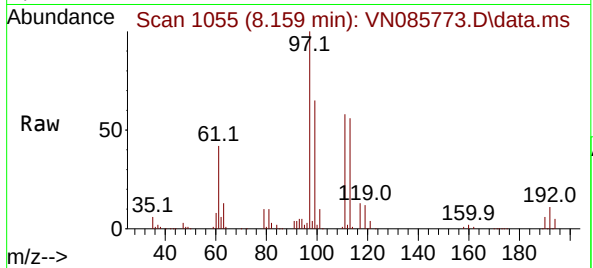
Tgt Ion:114 Resp: 526945
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 15.0 0.0 30.0





#35
Dibromofluoromethane
Concen: 48.447 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

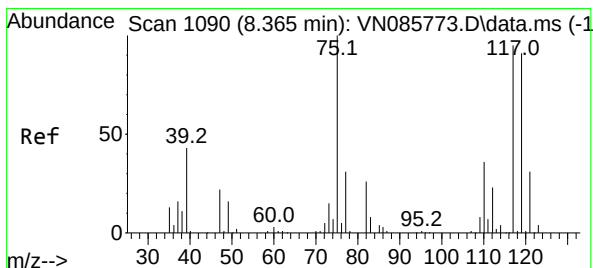
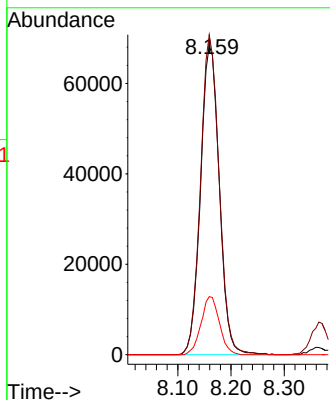
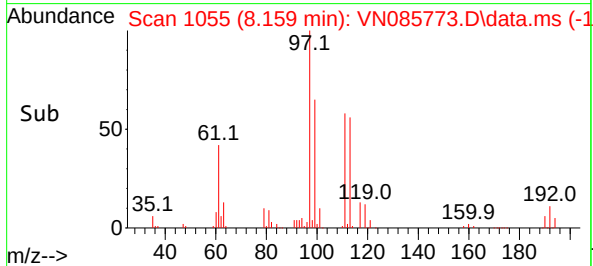
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



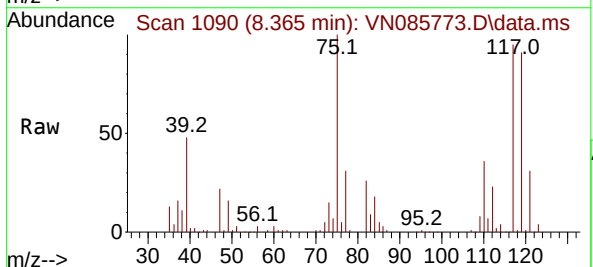
Tgt Ion:113 Resp: 167050
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 18.4 14.7 22.1

Manual Integrations
APPROVED

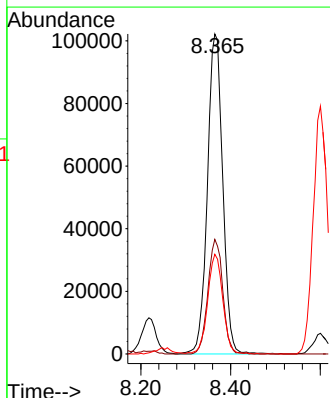
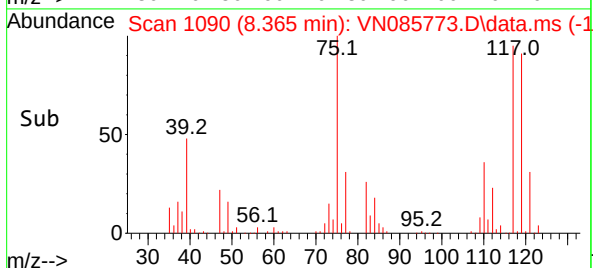
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

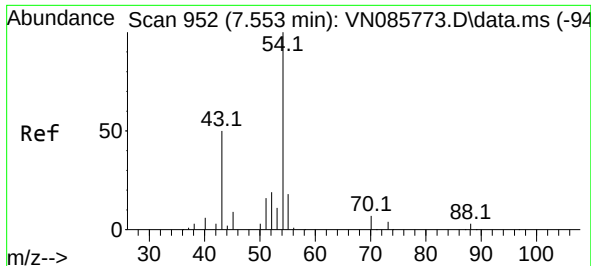


#36
1,1-Dichloropropene
Concen: 49.620 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32



Tgt Ion: 75 Resp: 242144
Ion Ratio Lower Upper
75 100
110 34.7 17.3 52.0
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 49.206 ug/l

RT: 7.553 min Scan# 952

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 197609

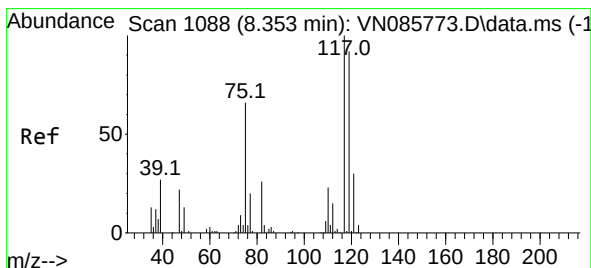
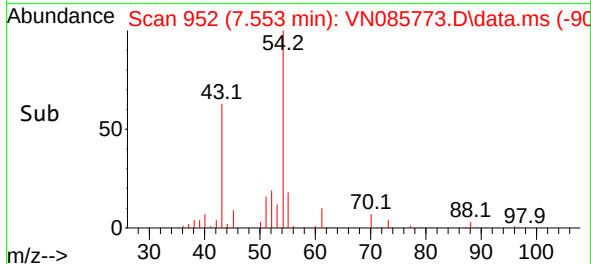
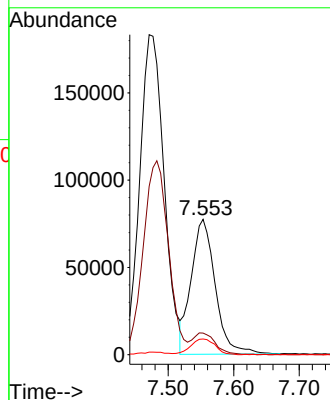
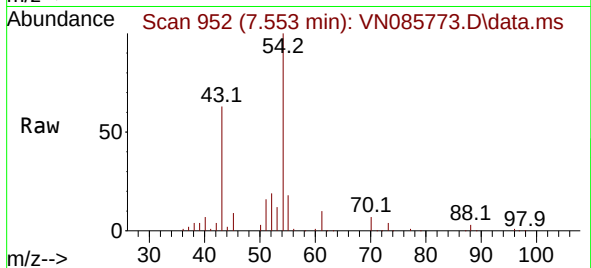
Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.2	18.2
70	11.9	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#38

Carbon Tetrachloride

Concen: 47.997 ug/l

RT: 8.353 min Scan# 1088

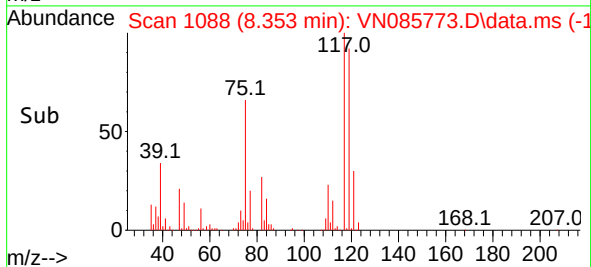
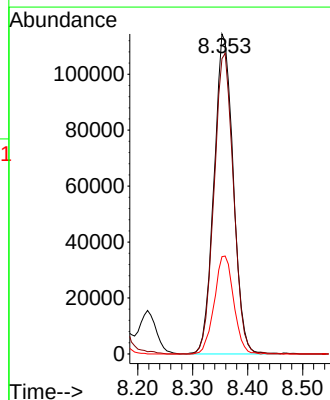
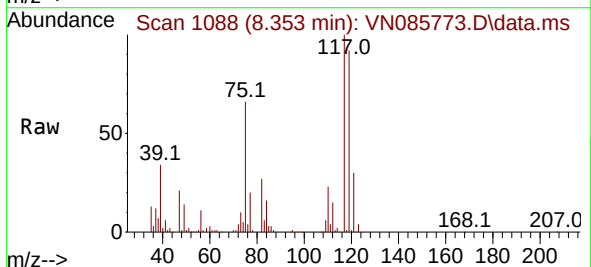
Delta R.T. 0.000 min

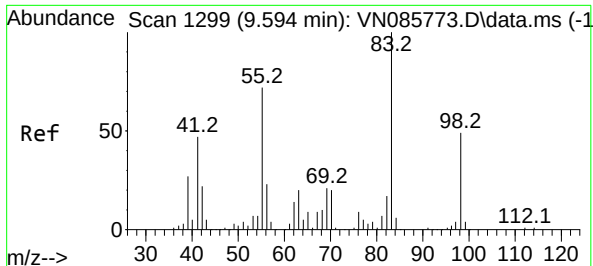
Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Tgt Ion:117 Resp: 278306

Ion	Ratio	Lower	Upper
117	100		
119	92.2	73.8	110.6
121	30.4	24.3	36.5





#39

Methylcyclohexane

Concen: 54.085 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 259289

Ion Ratio Lower Upper

83 100

55 71.9 57.5 86.3

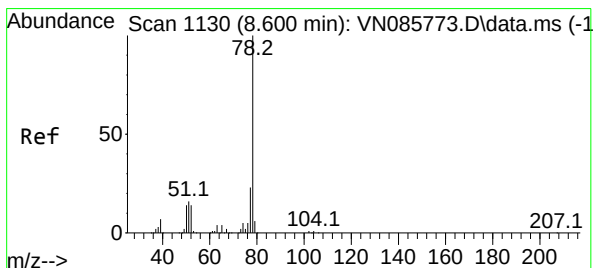
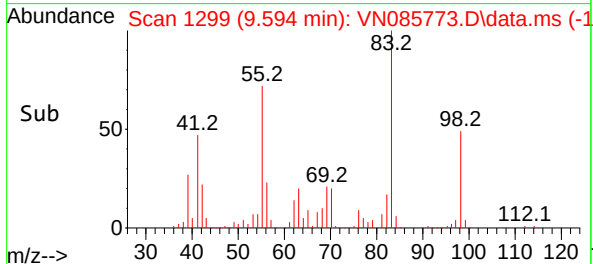
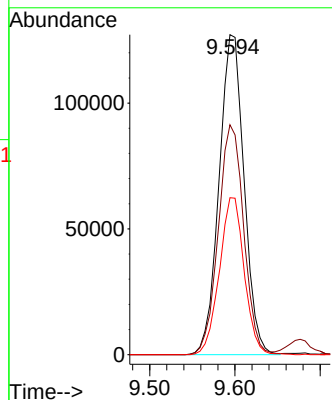
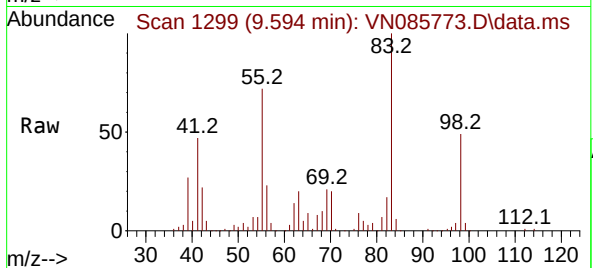
98 49.0 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#40

Benzene

Concen: 48.551 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085773.D

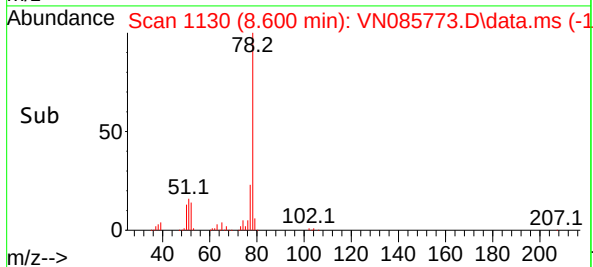
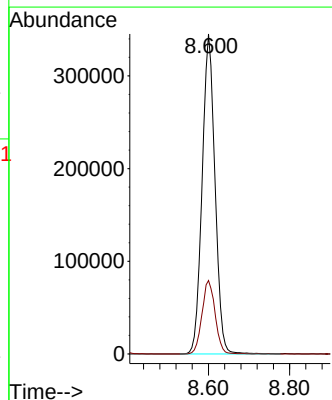
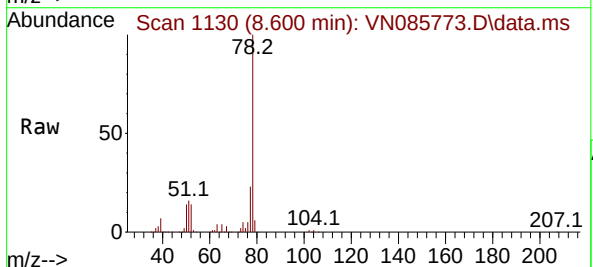
Acq: 18 Feb 2025 11:32

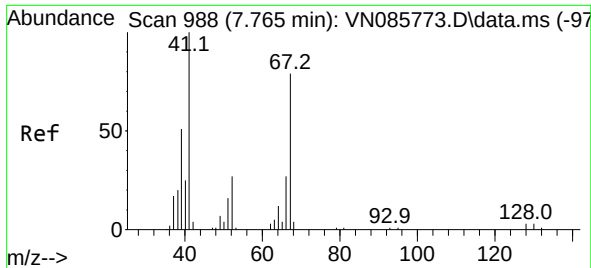
Tgt Ion: 78 Resp: 759363

Ion Ratio Lower Upper

78 100

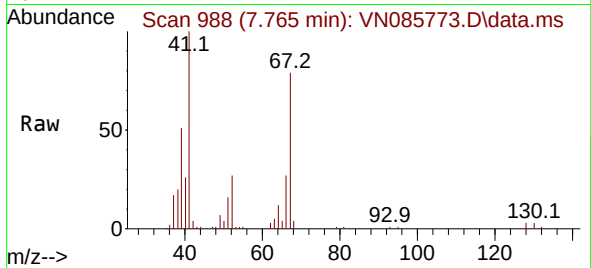
77 22.9 18.3 27.5





#41
Methacrylonitrile
Concen: 52.901 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

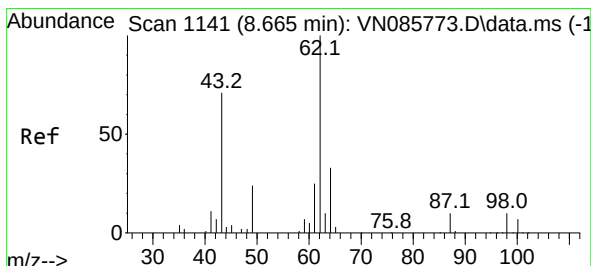
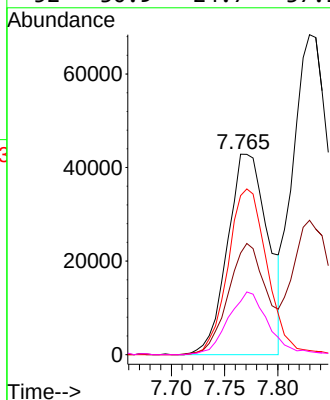
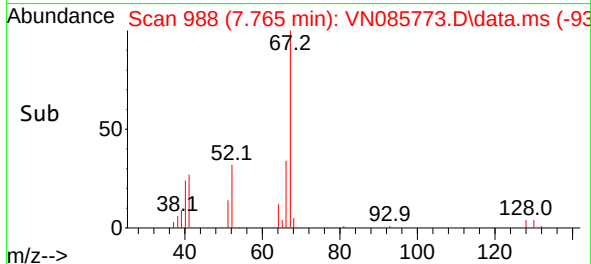
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



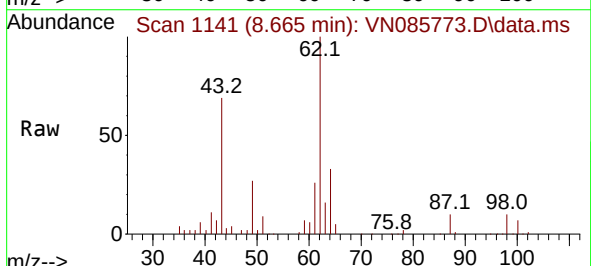
Tgt Ion: 41 Resp: 11356
Ion Ratio Lower Upper
41 100
39 52.5 42.0 63.0
67 80.3 64.2 96.4
52 30.9 24.7 37.1

Manual Integrations
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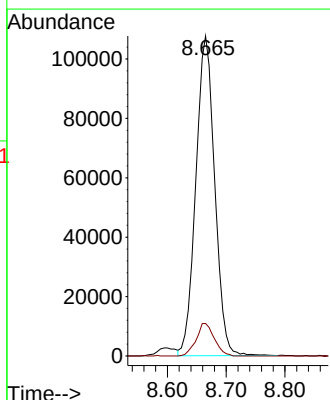
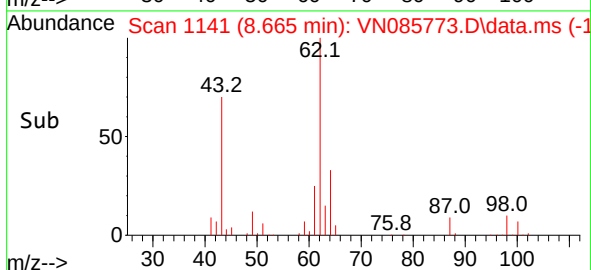
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

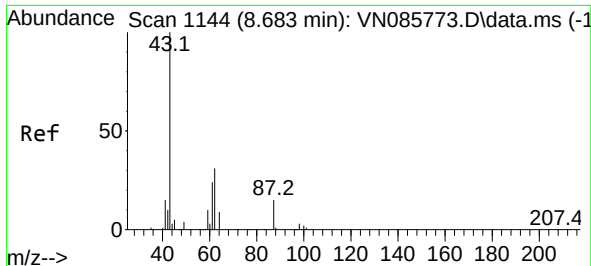


#42
1,2-Dichloroethane
Concen: 47.132 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32



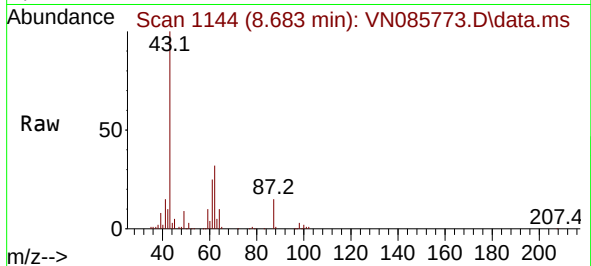
Tgt Ion: 62 Resp: 240115
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 47.574 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

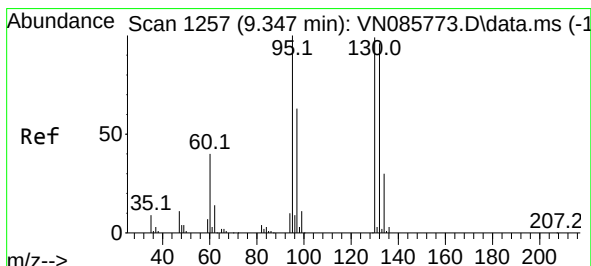
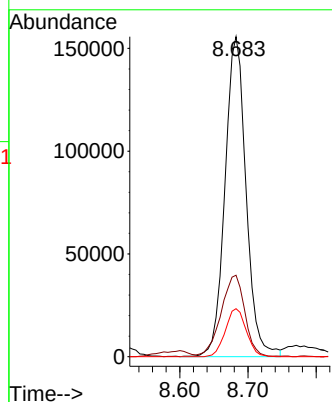
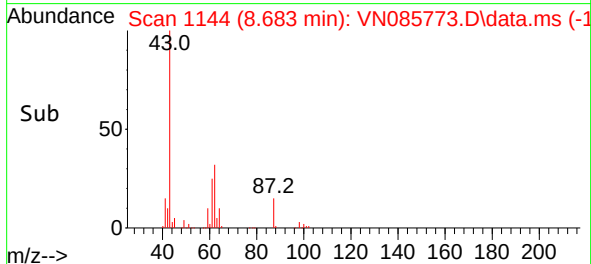
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 33548
Ion Ratio Lower Upper
43 100
61 28.3 22.6 34.0
87 14.8 11.8 17.8

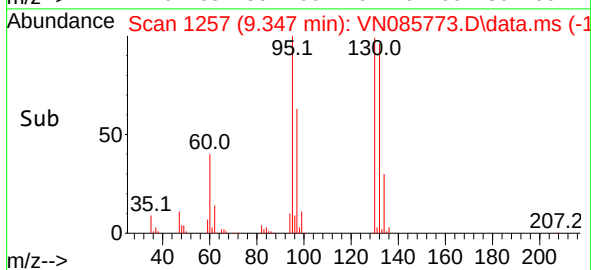
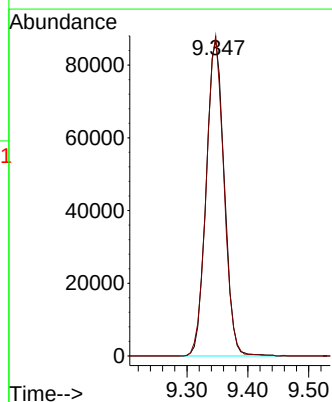
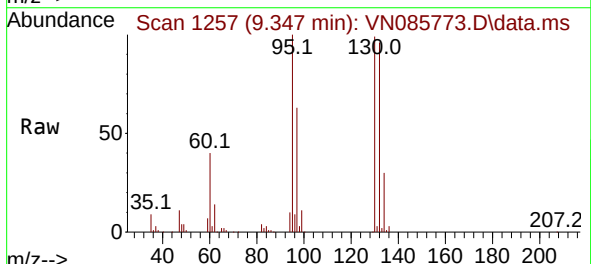
Manual Integrations
APPROVED

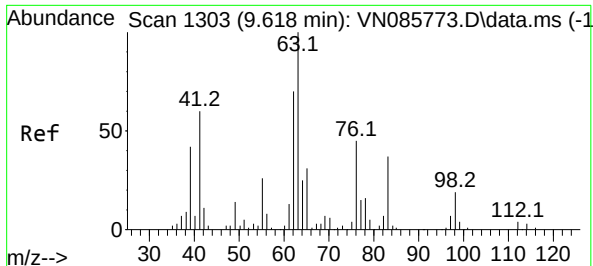
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#44
Trichloroethene
Concen: 46.544 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion:130 Resp: 178742
Ion Ratio Lower Upper
130 100
95 101.3 0.0 202.6





#45

1,2-Dichloropropane

Concen: 48.379 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 182649

Ion Ratio Lower Upper

63 100

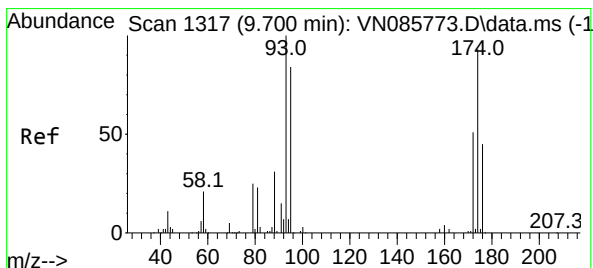
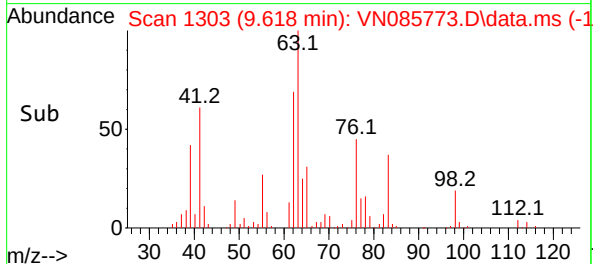
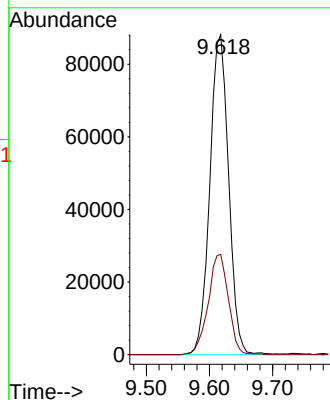
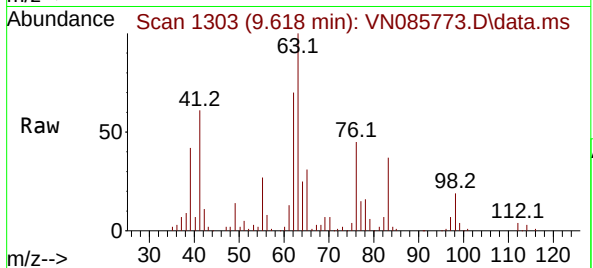
65 31.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#46

Dibromomethane

Concen: 48.010 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

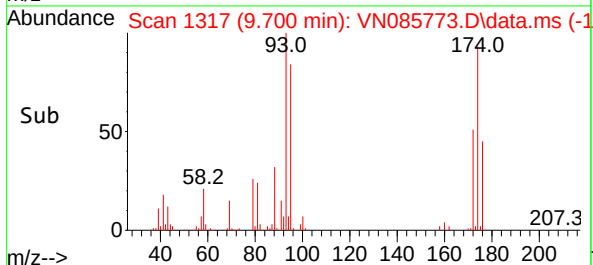
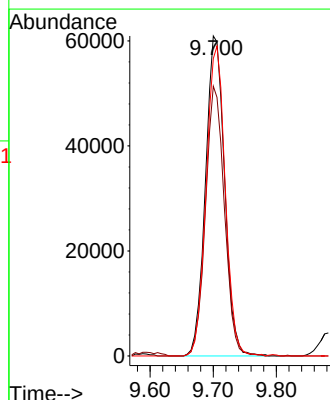
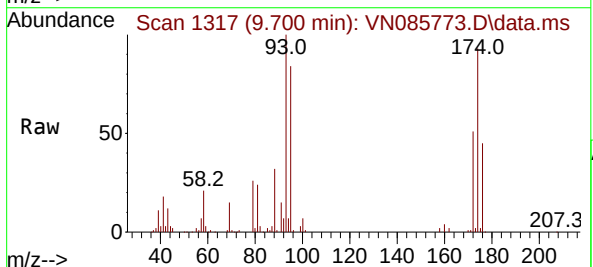
Tgt Ion: 93 Resp: 127850

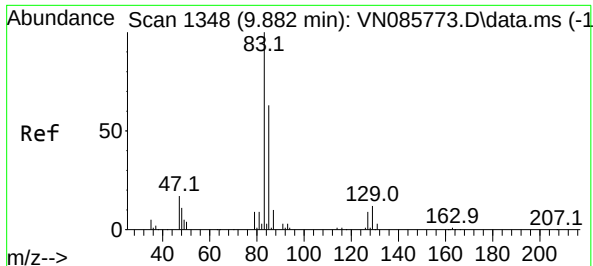
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

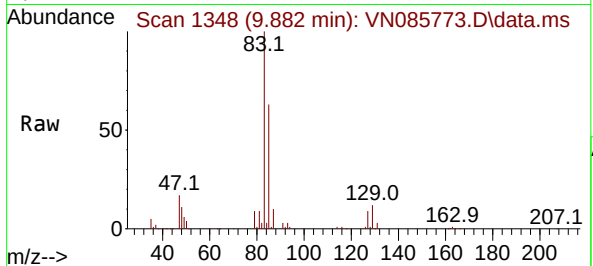
174 96.5 77.2 115.8





#47
Bromodichloromethane
Concen: 47.901 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

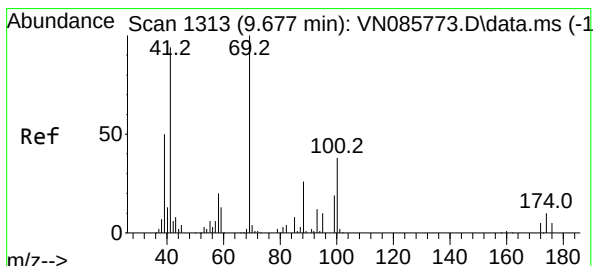
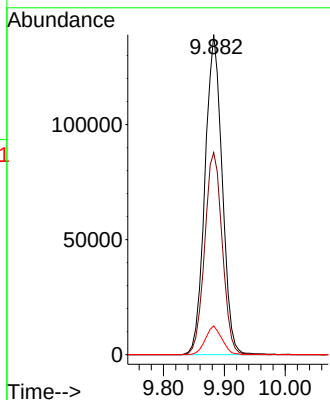
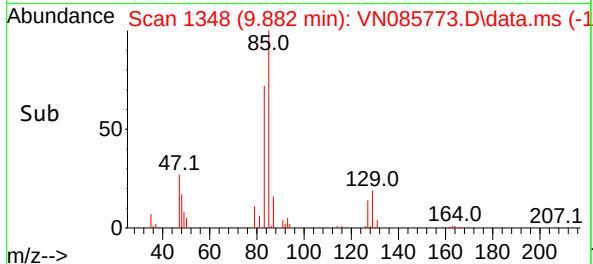
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



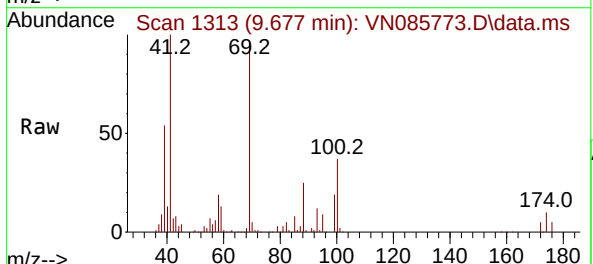
Tgt Ion: 83 Resp: 272912
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 9.0 7.2 10.8

Manual Integrations
APPROVED

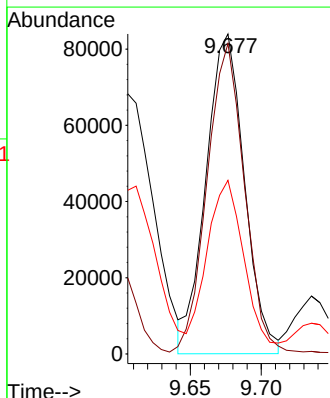
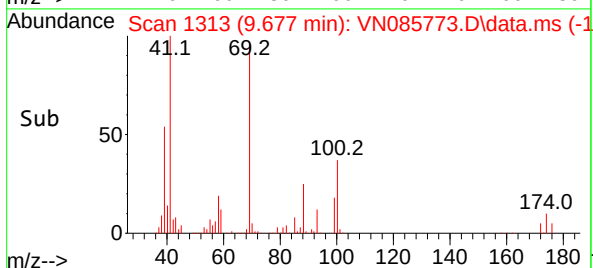
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

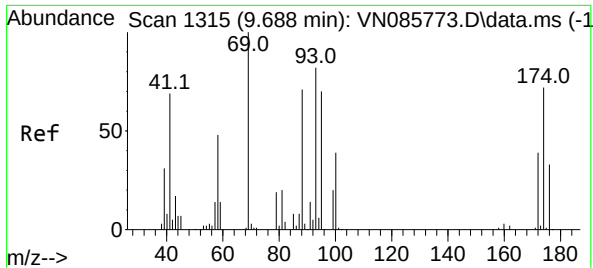


#48
Methyl methacrylate
Concen: 53.102 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32



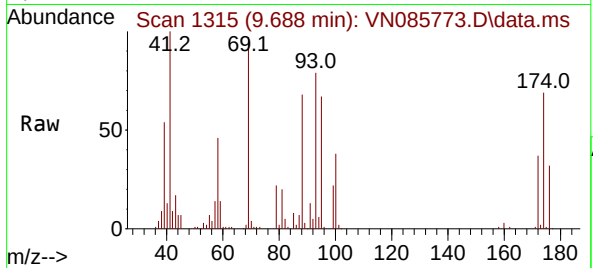
Tgt Ion: 41 Resp: 158375
Ion Ratio Lower Upper
41 100
69 95.0 76.0 114.0
39 52.9 42.3 63.5





#49
1,4-Dioxane
Concen: 1071.301 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

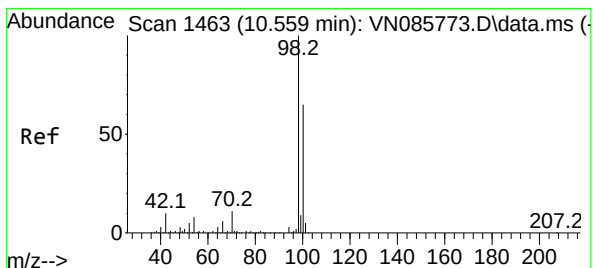
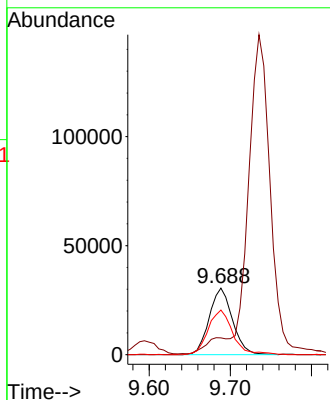
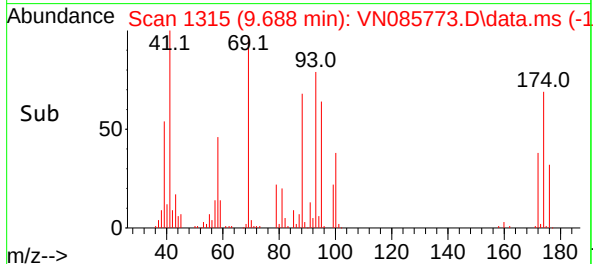
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 60759
Ion Ratio Lower Upper
88 100
43 23.2 18.6 27.8
58 70.9 56.7 85.1

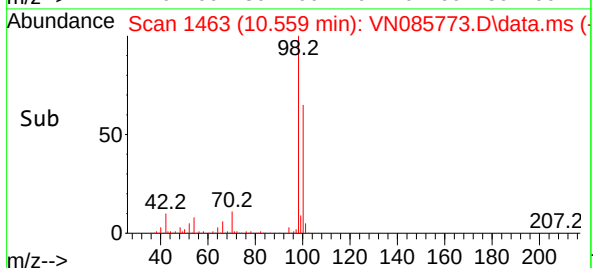
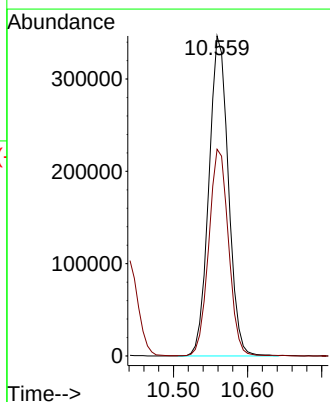
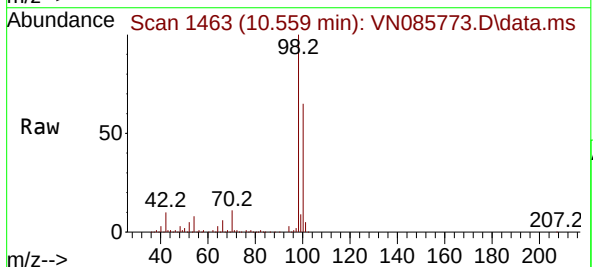
Manual Integrations
APPROVED

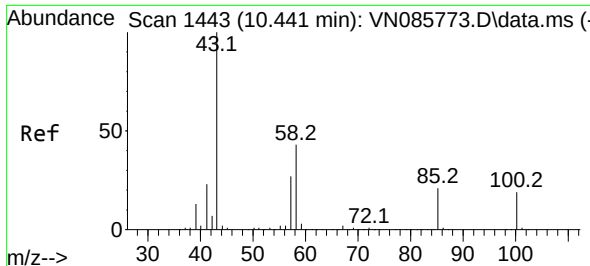
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#50
Toluene-d8
Concen: 50.380 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

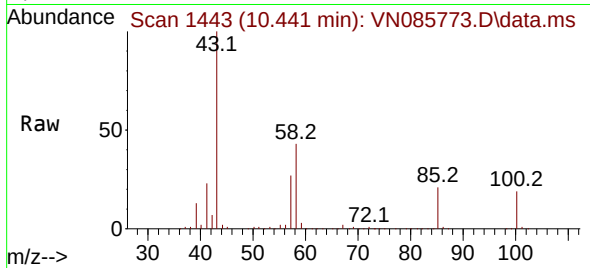
Tgt Ion: 98 Resp: 632021
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 257.731 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

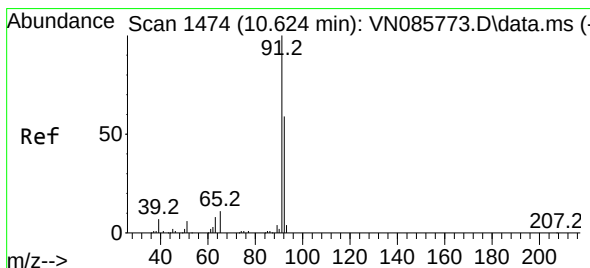
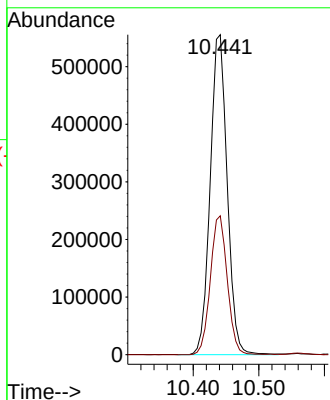
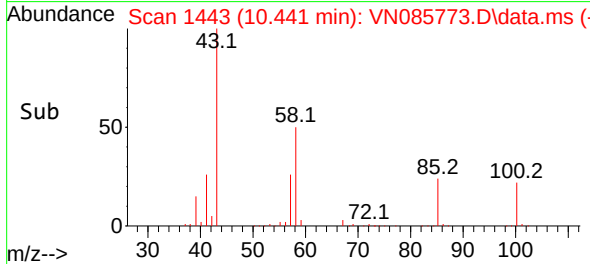
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



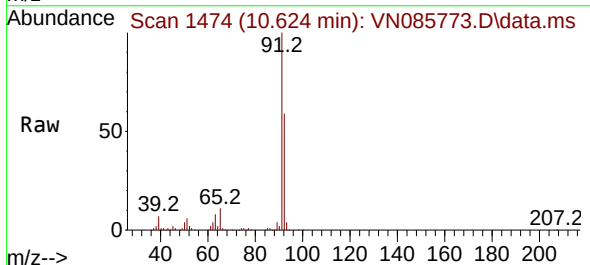
Tgt Ion: 43 Resp: 997900
Ion Ratio Lower Upper
43 100
58 43.3 34.6 52.0

Manual Integrations
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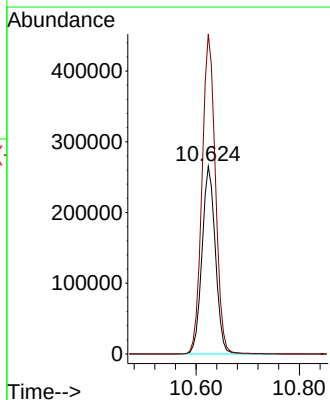
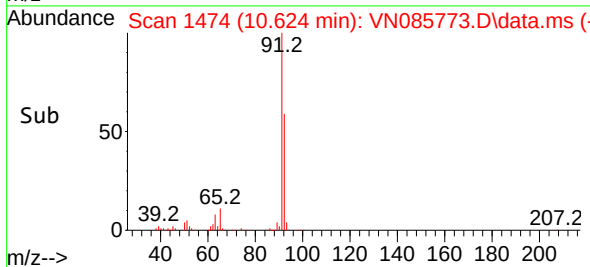
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

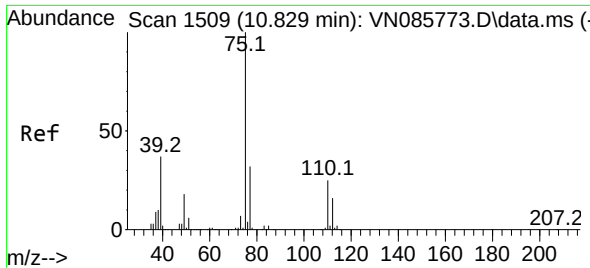


#52
Toluene
Concen: 51.816 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32



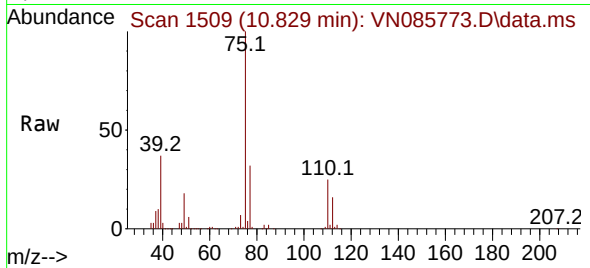
Tgt Ion: 92 Resp: 475069
Ion Ratio Lower Upper
92 100
91 171.1 136.9 205.3





#53
 t-1,3-Dichloropropene
 Concen: 52.159 ug/l
 RT: 10.829 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

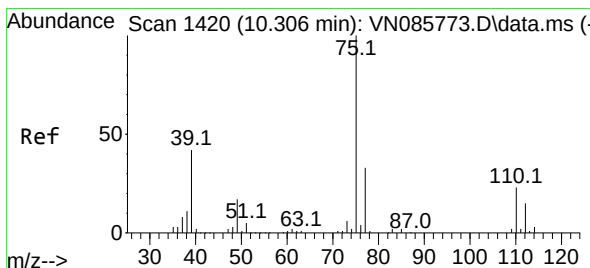
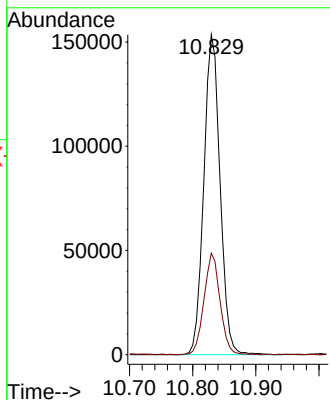
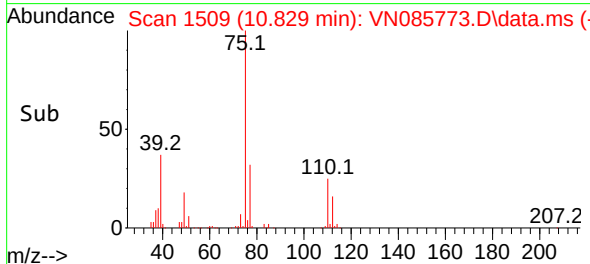
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 75 Resp: 27479
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0

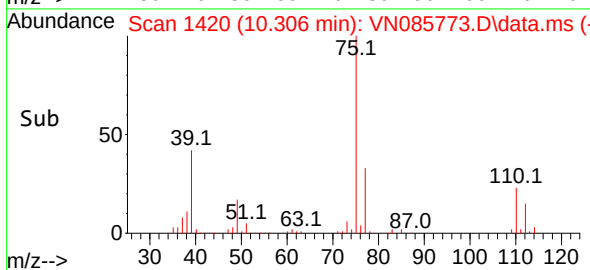
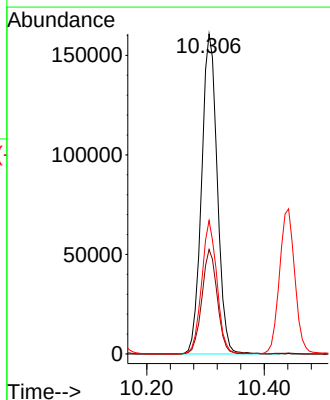
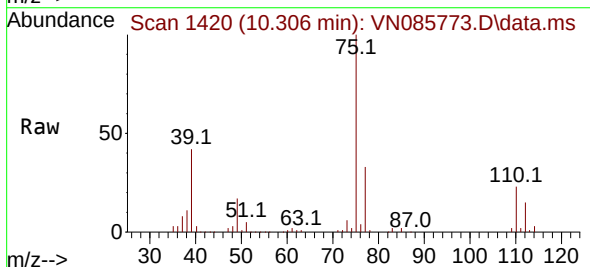
Manual Integrations
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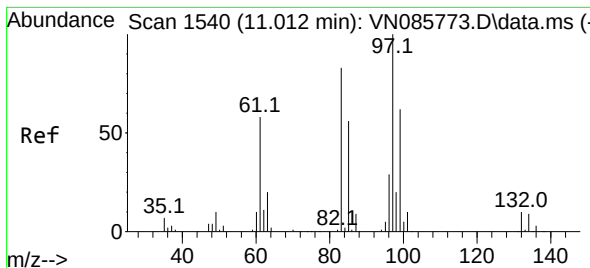
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#54
 cis-1,3-Dichloropropene
 Concen: 51.646 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

Tgt Ion: 75 Resp: 298359
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.1 39.1
 39 41.7 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 47.788 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 174198

Ion Ratio Lower Upper

97 100

83 82.6 66.1 99.1

85 55.9 44.7 67.1

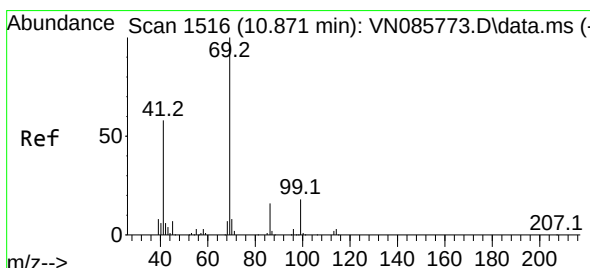
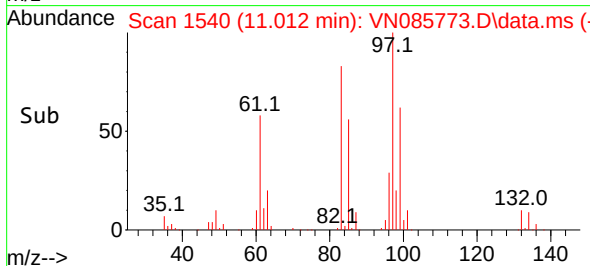
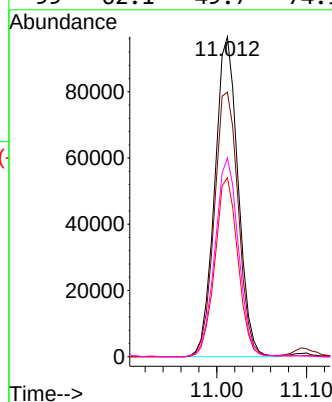
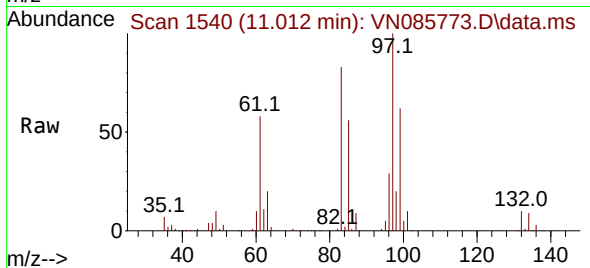
99 62.1 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#56

Ethyl methacrylate

Concen: 49.960 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

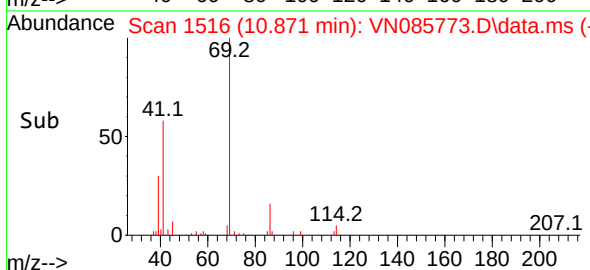
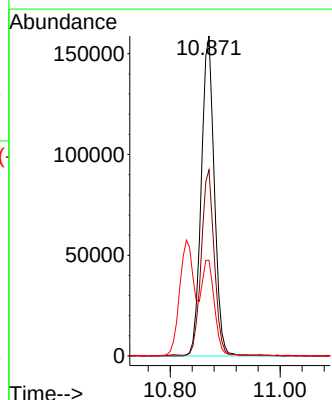
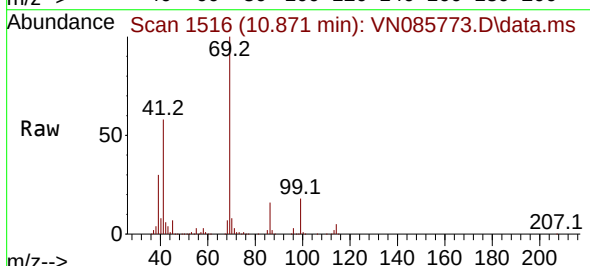
Tgt Ion: 69 Resp: 261825

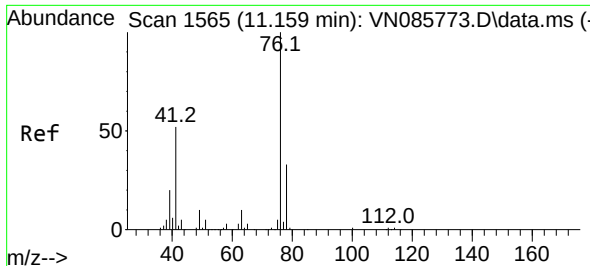
Ion Ratio Lower Upper

69 100

41 57.5 46.0 69.0

39 27.5 22.0 33.0





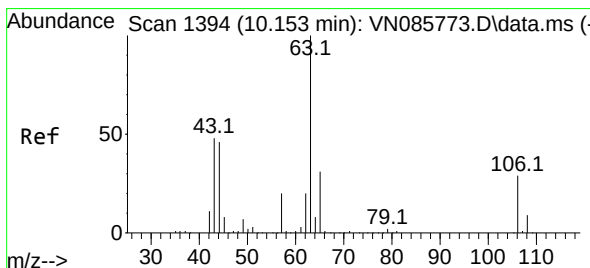
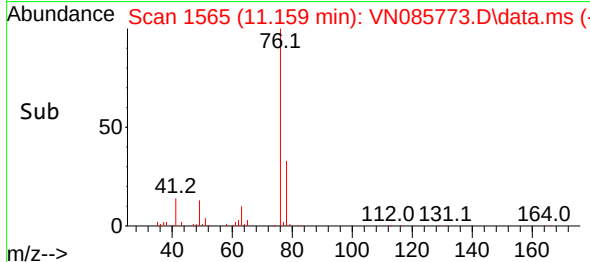
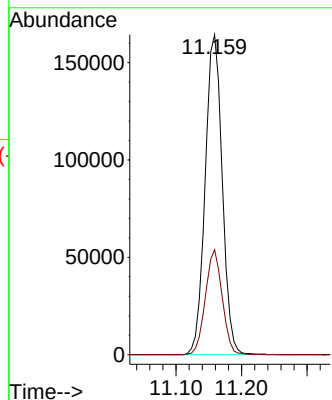
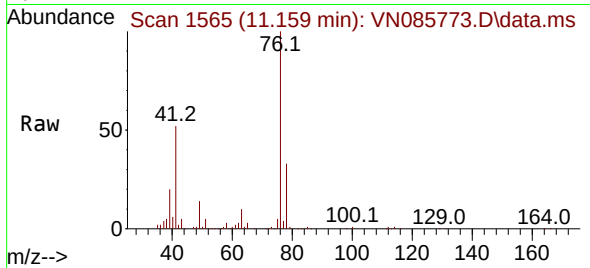
#57
1,3-Dichloropropane
Concen: 48.920 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 297683
Ion Ratio Lower Upper
76 100
78 32.4 25.9 38.9

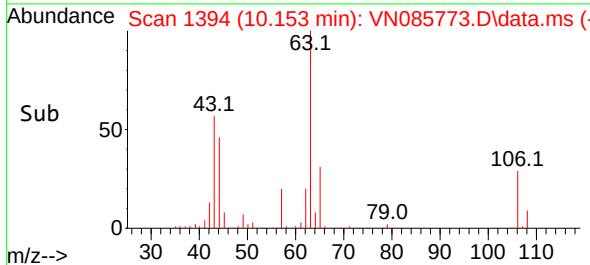
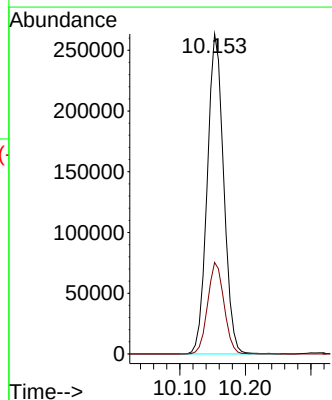
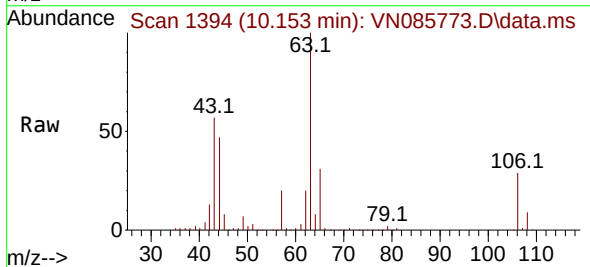
Manual Integrations
APPROVED

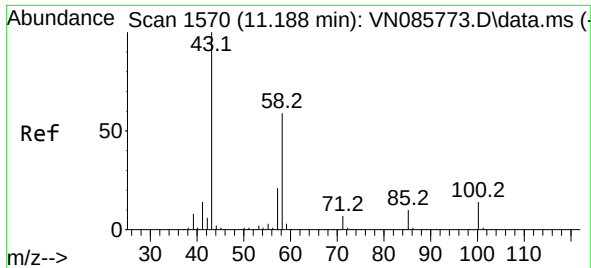
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 230.774 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 63 Resp: 458983
Ion Ratio Lower Upper
63 100
106 28.4 22.7 34.1





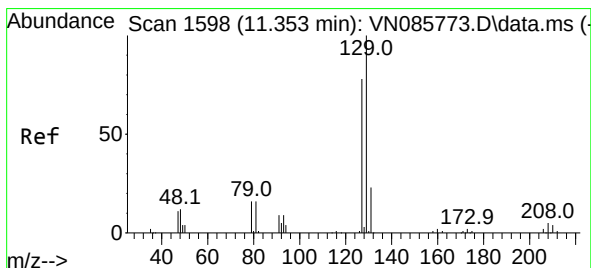
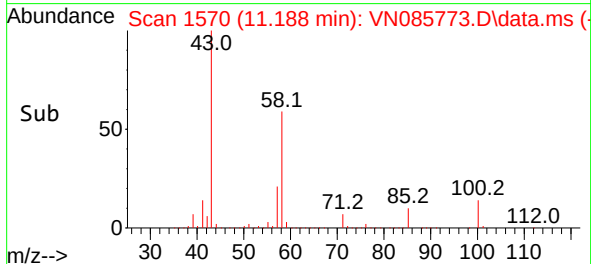
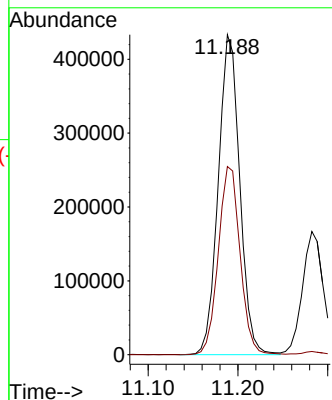
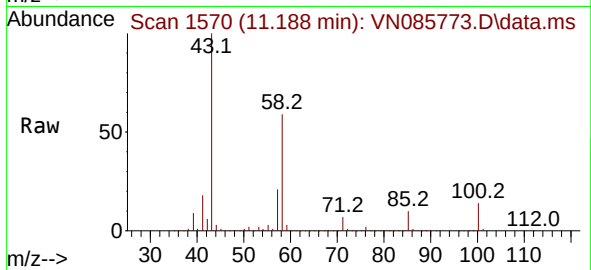
#59
2-Hexanone
Concen: 270.257 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 719870
Ion Ratio Lower Upper
43 100
58 59.7 29.8 89.5

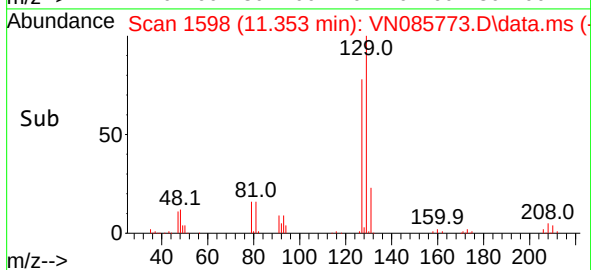
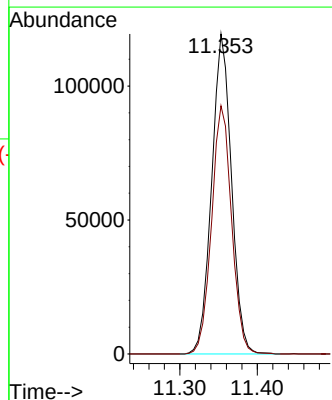
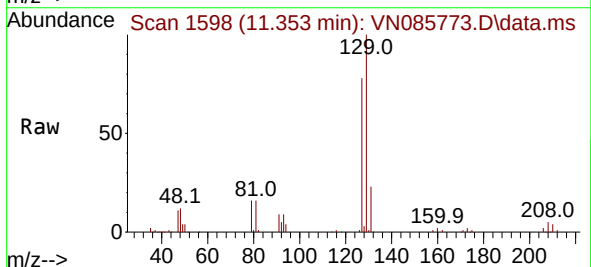
Manual Integrations
APPROVED

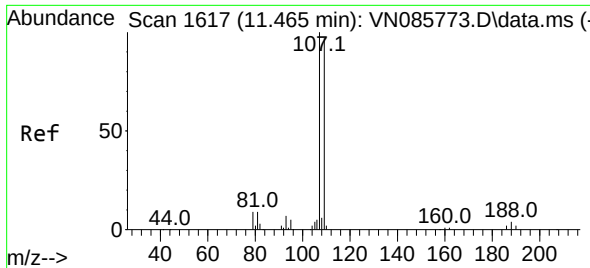
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#60
Dibromochloromethane
Concen: 49.890 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

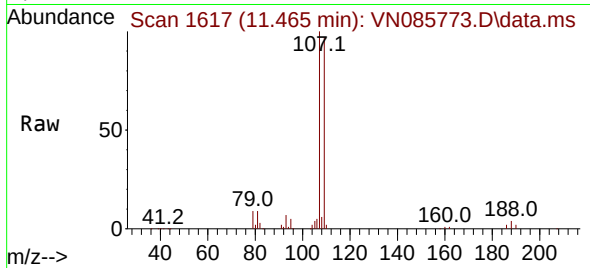
Tgt Ion:129 Resp: 211769
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5





#61
1,2-Dibromoethane
Concen: 49.191 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

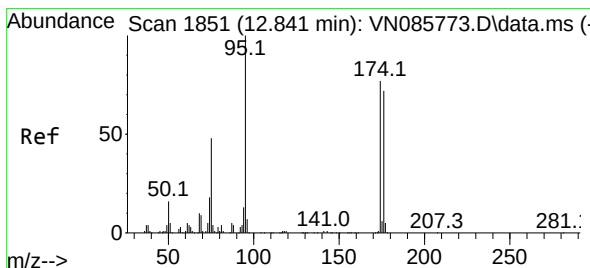
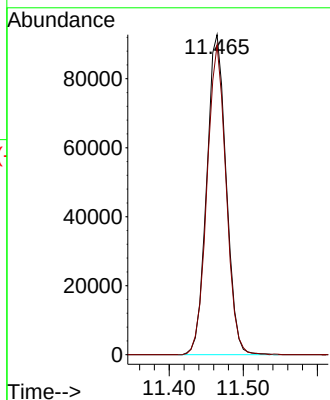
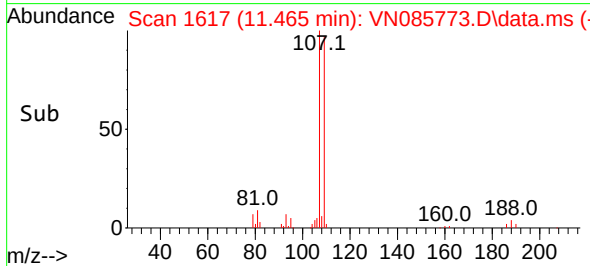
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 16942
Ion Ratio Lower Upper
107 100
109 95.0 76.0 114.0

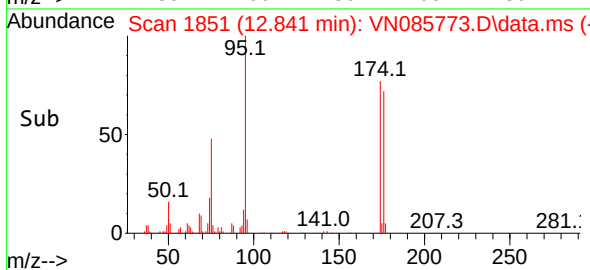
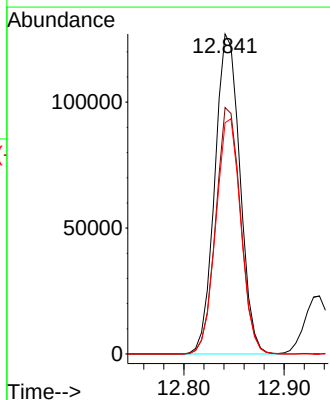
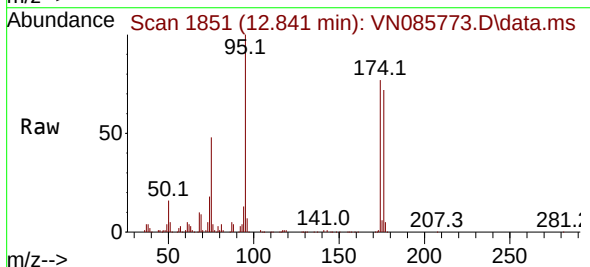
Manual Integrations
APPROVED

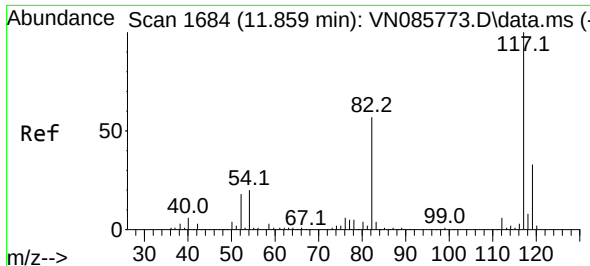
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#62
4-Bromofluorobenzene
Concen: 53.393 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

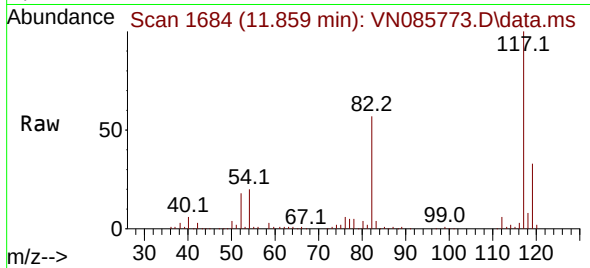
Tgt Ion: 95 Resp: 220691
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.4
176 73.3 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

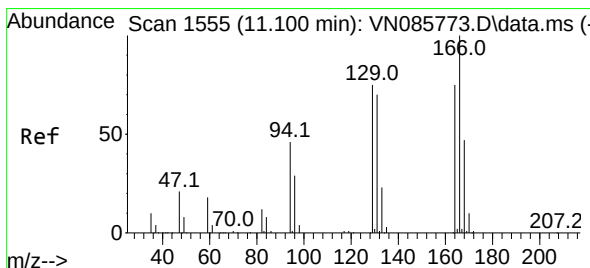
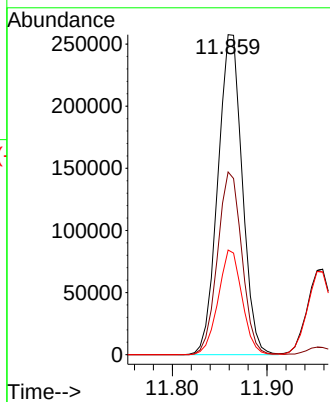
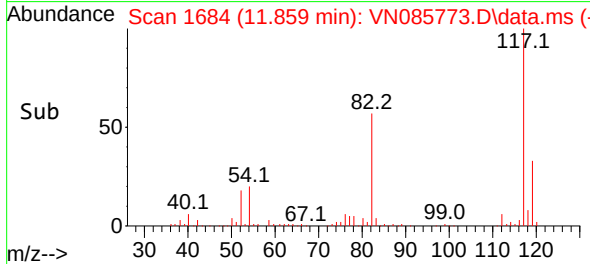
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



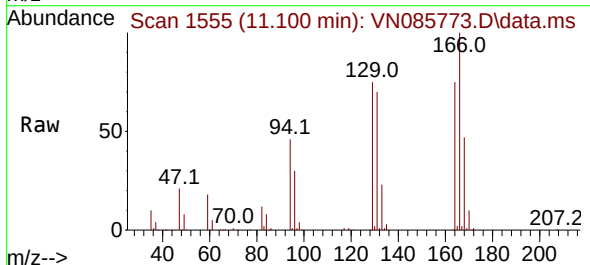
Tgt Ion:117 Resp: 46165
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 32.7 26.2 39.2

Manual Integrations
APPROVED

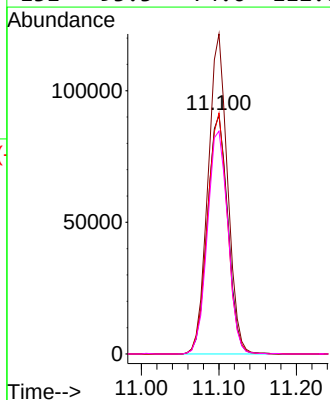
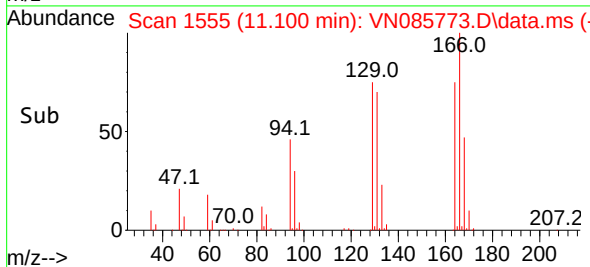
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

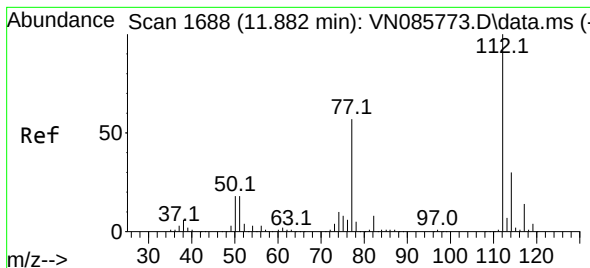


#64
Tetrachloroethene
Concen: 46.613 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32



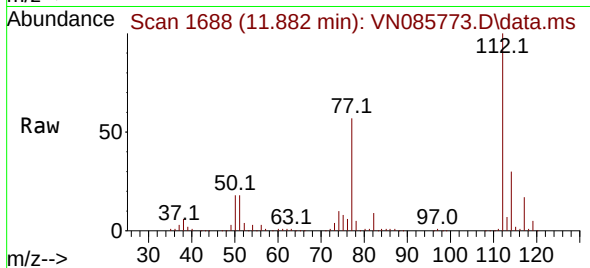
Tgt Ion:164 Resp: 166710
Ion Ratio Lower Upper
164 100
166 134.0 107.2 160.8
129 100.9 80.7 121.1
131 93.3 74.6 112.0





#65
Chlorobenzene
Concen: 48.454 ug/l
RT: 11.882 min Scan# 1188
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

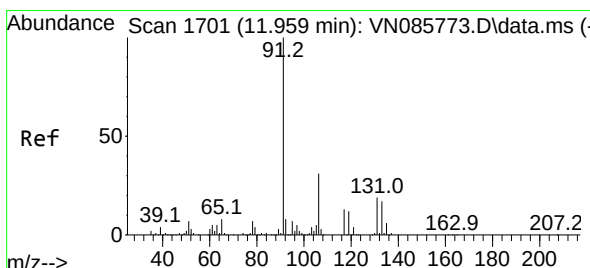
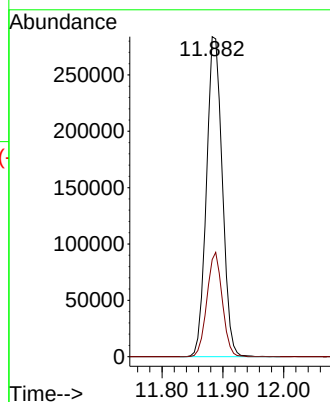
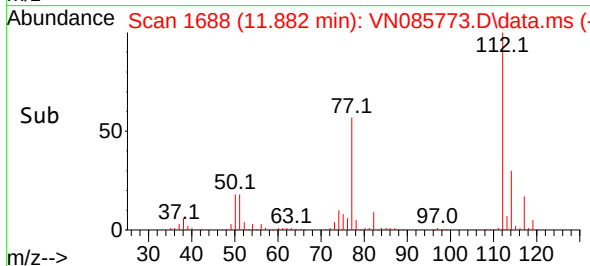
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



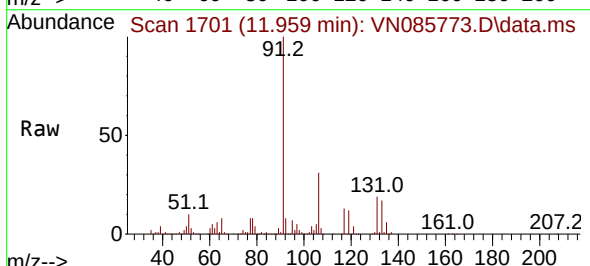
Tgt Ion:112 Resp: 512430
Ion Ratio Lower Upper
112 100
114 30.4 24.3 36.5

Manual Integrations
APPROVED

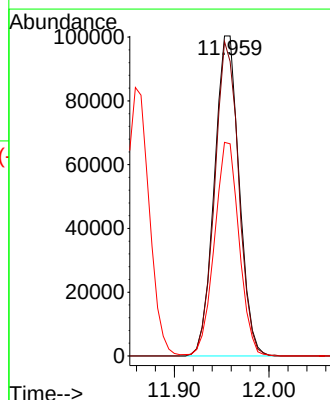
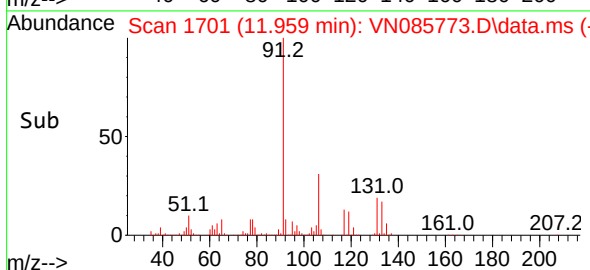
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

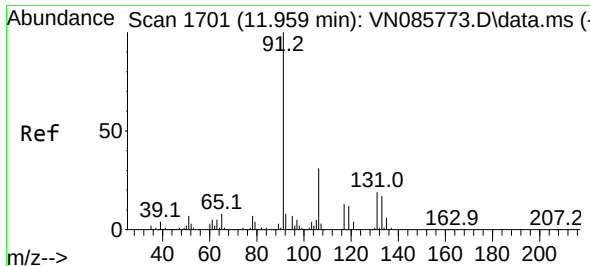


#66
1,1,1,2-Tetrachloroethane
Concen: 48.020 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32



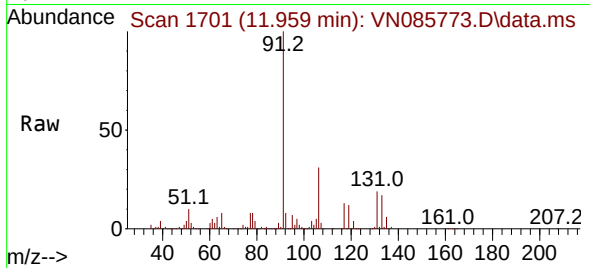
Tgt Ion:131 Resp: 182537
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 66.5 33.3 99.8





#67
Ethyl Benzene
Concen: 53.062 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

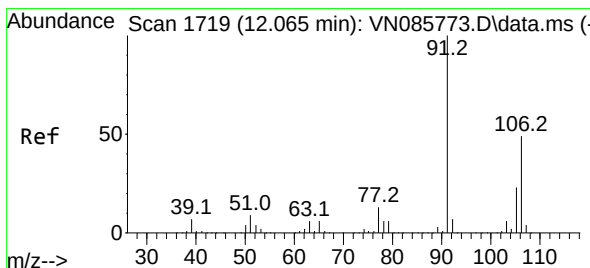
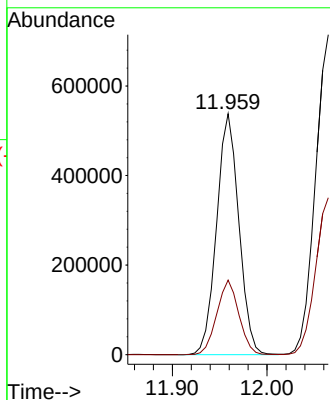
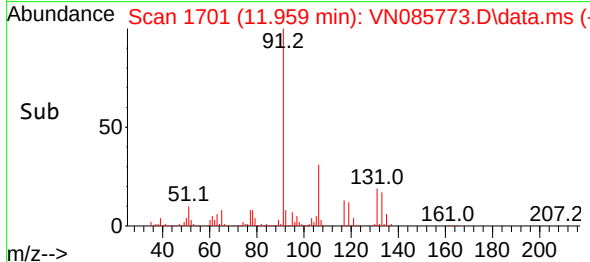
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



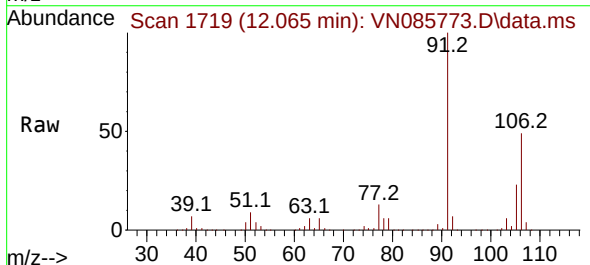
Tgt Ion: 91 Resp: 879040
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1

Manual Integrations
APPROVED

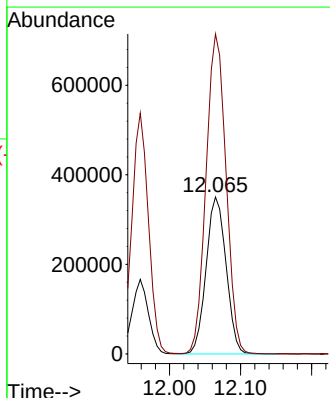
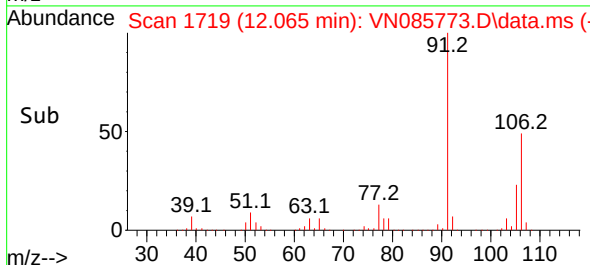
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

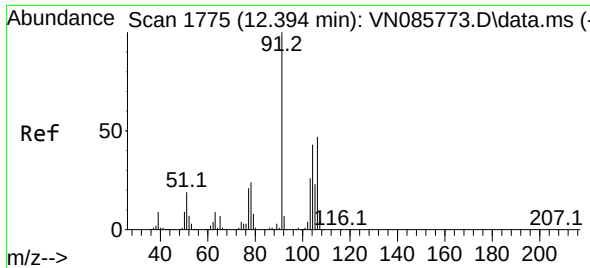


#68
m/p-Xylenes
Concen: 108.757 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32



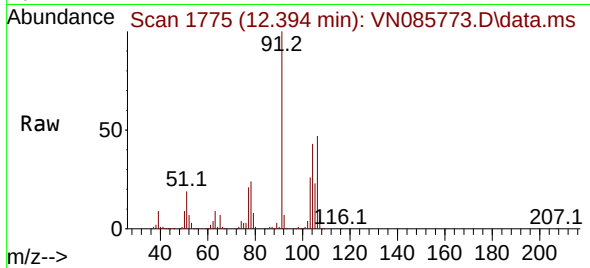
Tgt Ion:106 Resp: 684377
Ion Ratio Lower Upper
106 100
91 204.1 163.3 244.9





#69
o-Xylene
Concen: 54.342 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

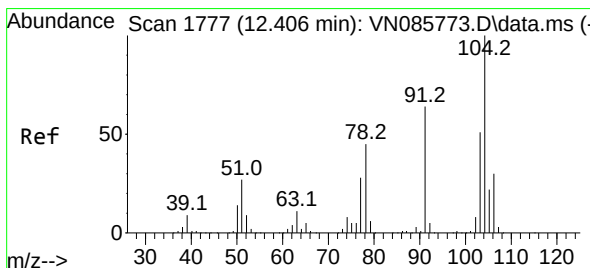
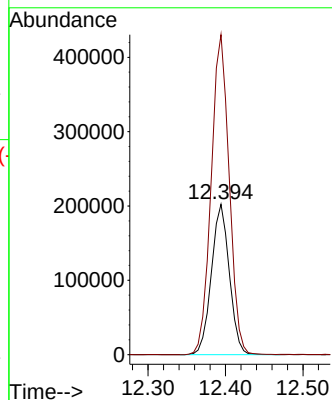
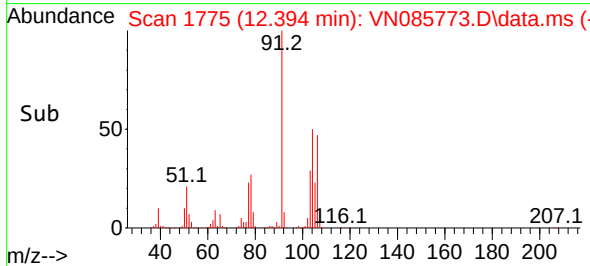
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 324948
Ion Ratio Lower Upper
106 100
91 214.3 107.1 321.4

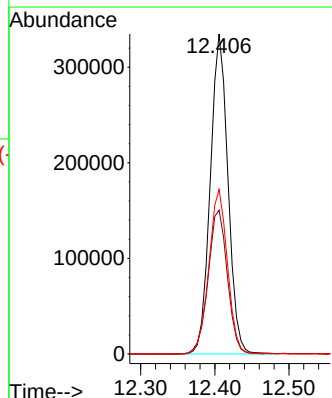
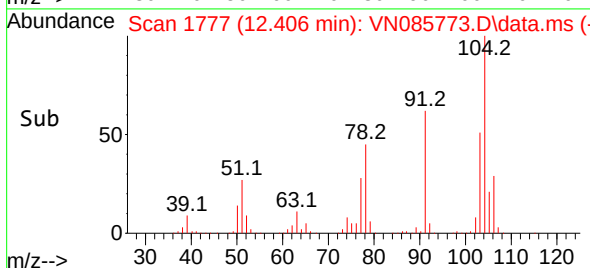
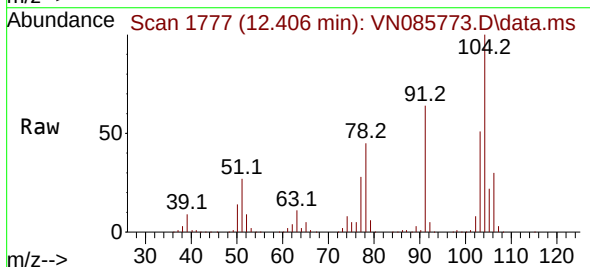
Manual Integrations
APPROVED

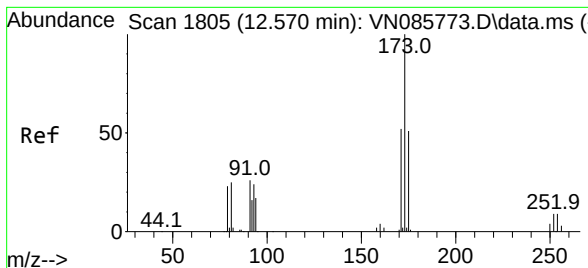
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#70
Styrene
Concen: 49.909 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

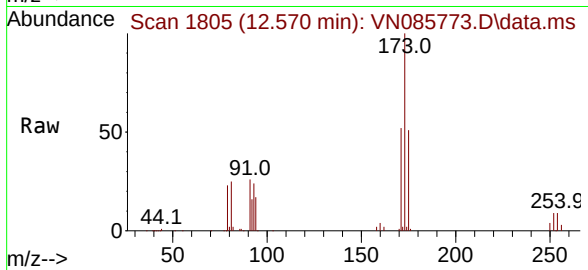
Tgt Ion:104 Resp: 555269
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 54.1 43.3 64.9





#71
Bromoform
Concen: 49.528 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

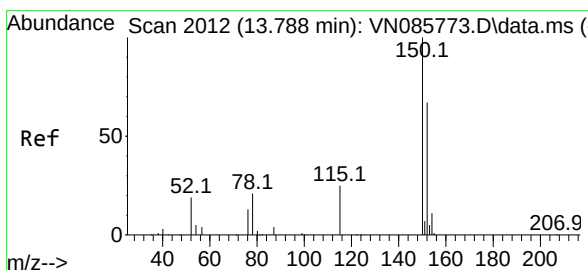
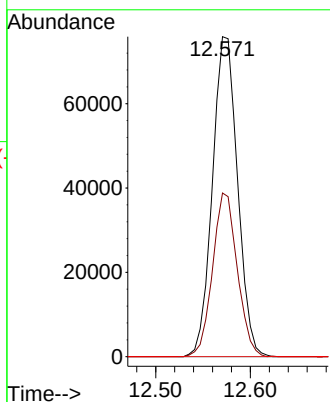
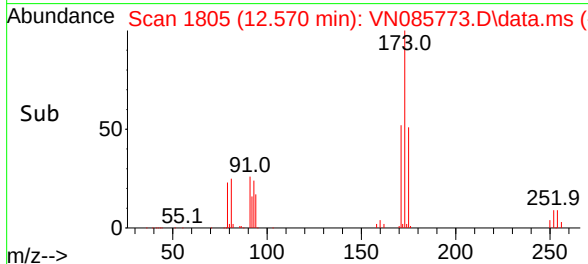
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



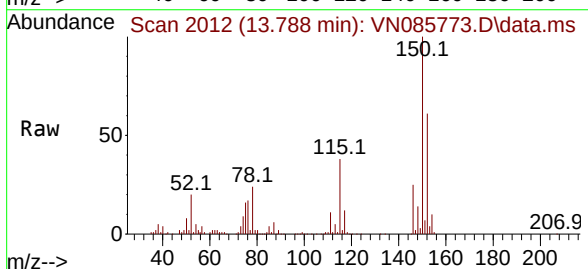
Tgt Ion:173 Resp: 13989
Ion Ratio Lower Upper
173 100
175 50.3 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

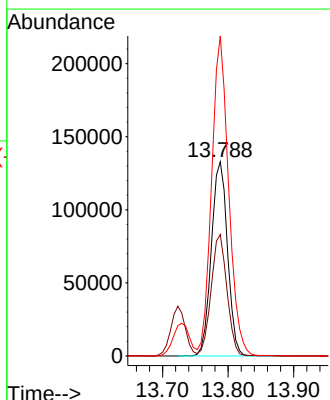
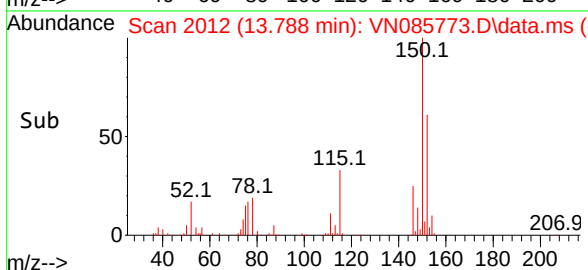
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

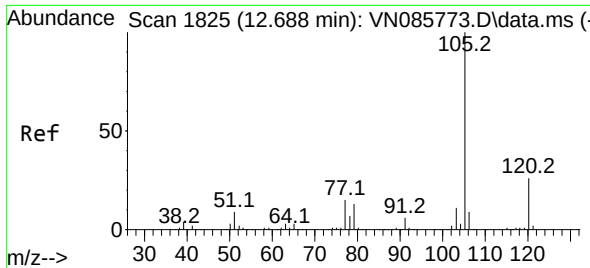


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32



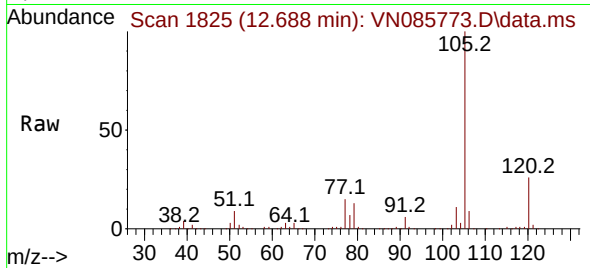
Tgt Ion:152 Resp: 227499
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.3
150 172.7 0.0 345.4





#73
Isopropylbenzene
Concen: 52.482 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

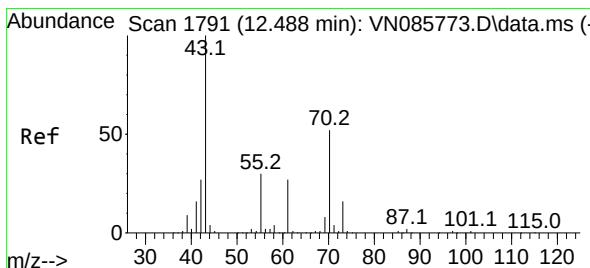
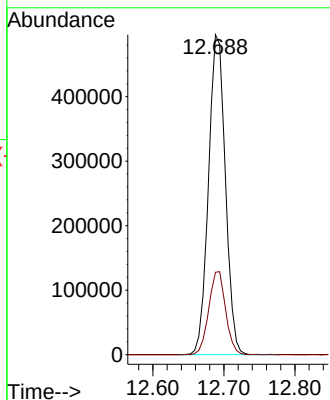
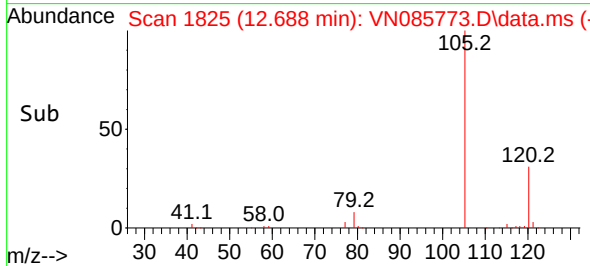
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



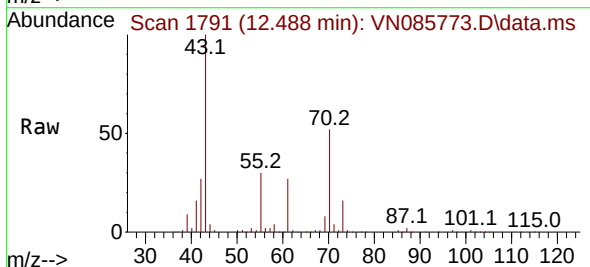
Tgt Ion:105 Resp: 817980
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

Manual Integrations
APPROVED

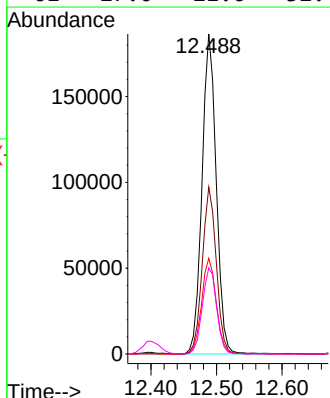
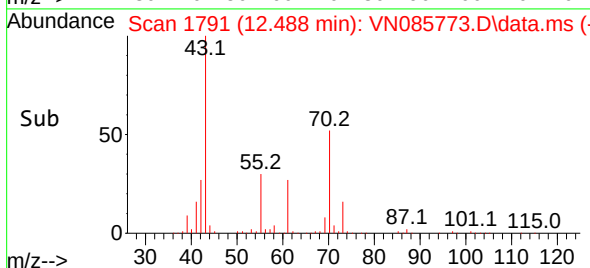
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

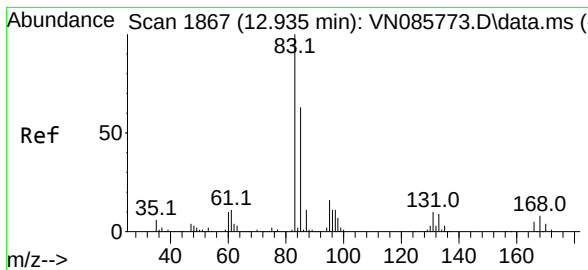


#74
N-ethyl acetate
Concen: 51.360 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32



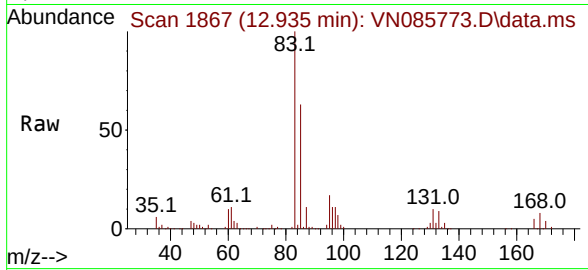
Tgt Ion: 43 Resp: 282288
Ion Ratio Lower Upper
43 100
70 51.2 41.0 61.4
55 30.7 24.6 36.8
61 27.0 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 44.649 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

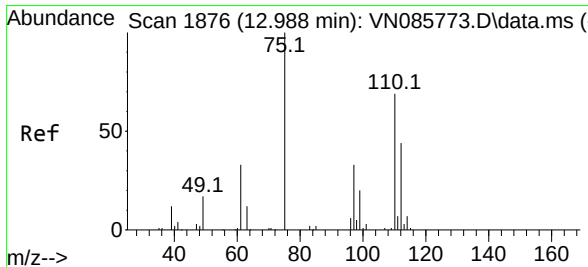
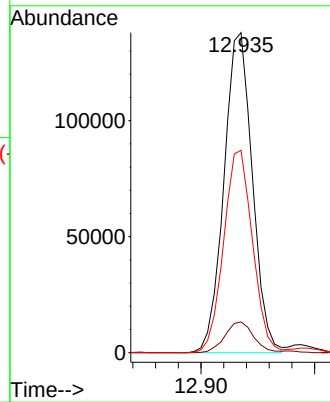
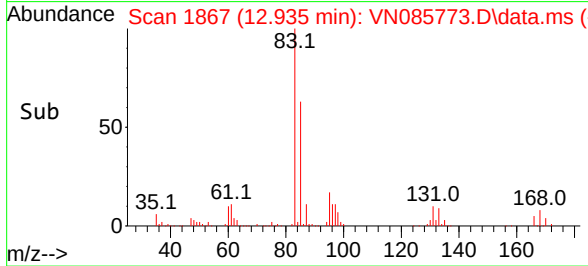
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 23946
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.4 32.2 96.6

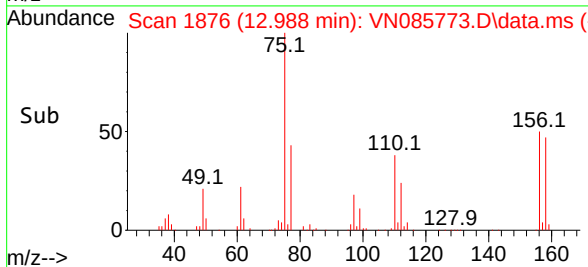
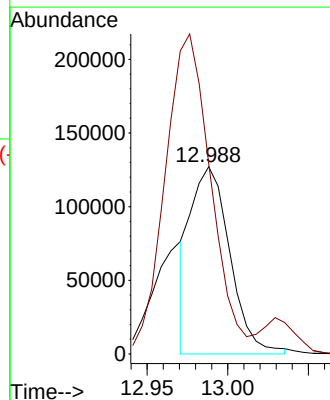
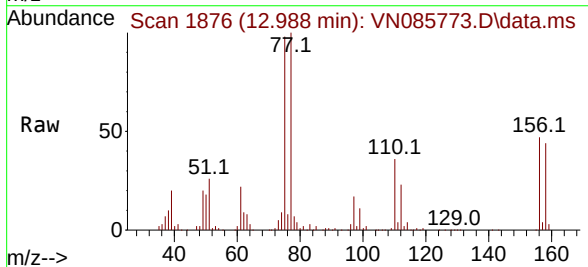
Manual Integrations
APPROVED

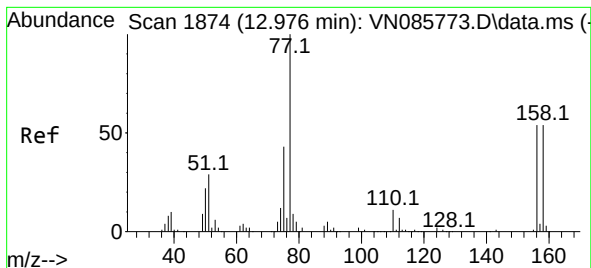
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#76
1,2,3-Trichloropropane
Concen: 43.108 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 75 Resp: 215451
Ion Ratio Lower Upper
75 100
77 198.9 100.0 300.0





#77

Bromobenzene

Concen: 48.863 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

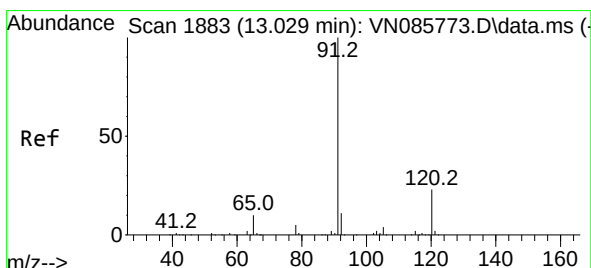
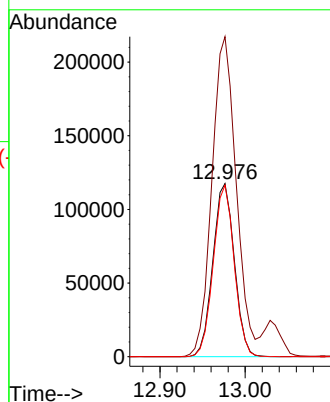
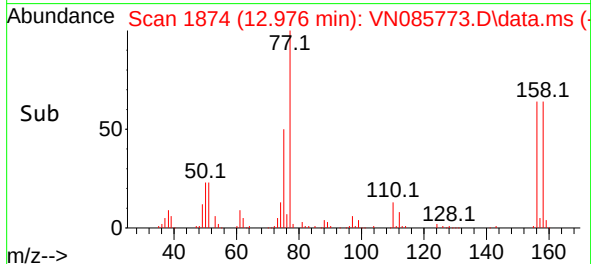
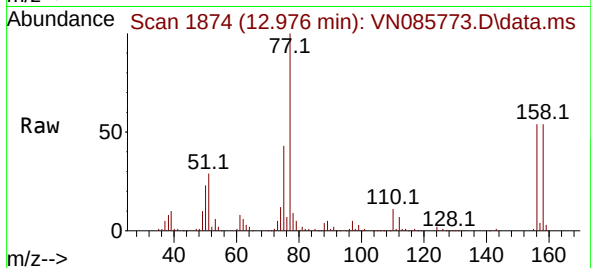
Tgt Ion:156 Resp: 205754
 Ion Ratio Lower Upper
 156 100
 77 208.2 104.1 312.3
 158 96.3 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#78

n-propylbenzene

Concen: 54.241 ug/l

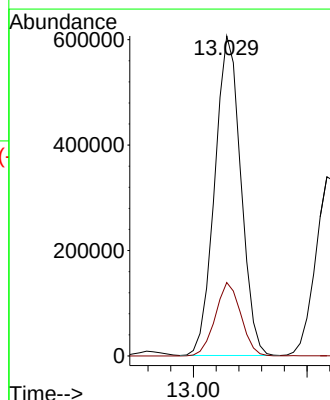
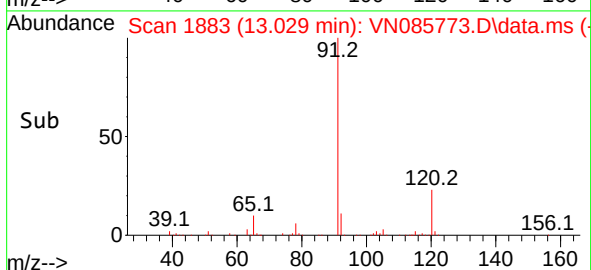
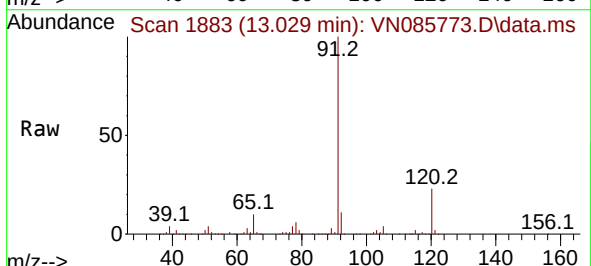
RT: 13.029 min Scan# 1883

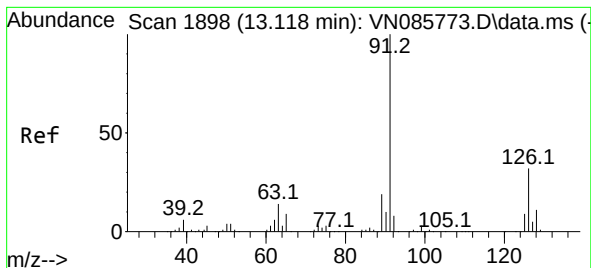
Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Tgt Ion: 91 Resp: 968182
 Ion Ratio Lower Upper
 91 100
 120 22.5 11.3 33.8





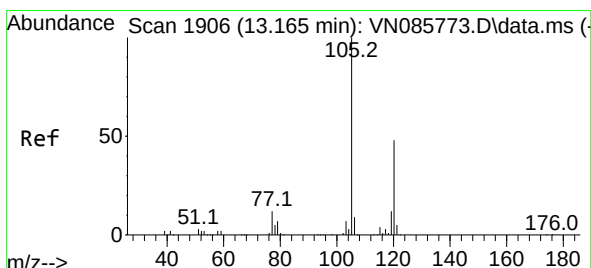
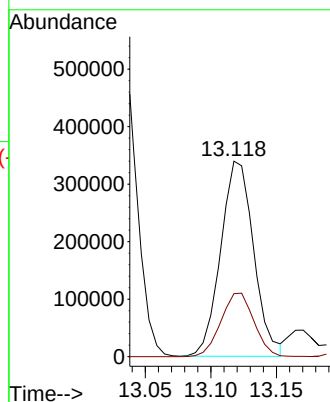
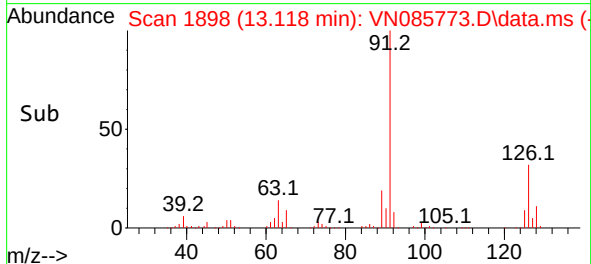
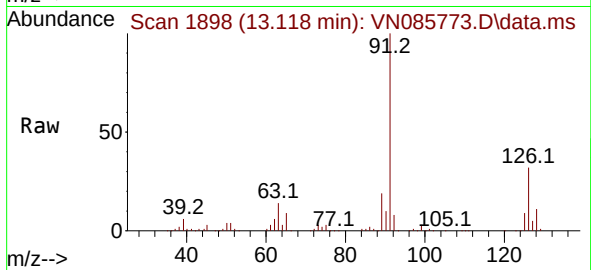
#79
2-Chlorotoluene
Concen: 49.895 ug/l
RT: 13.118 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 595040
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1

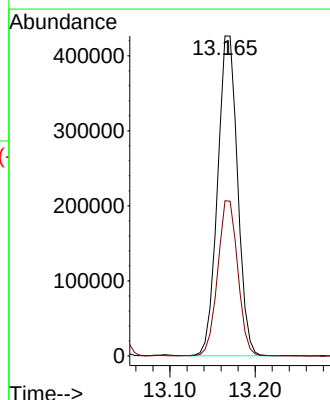
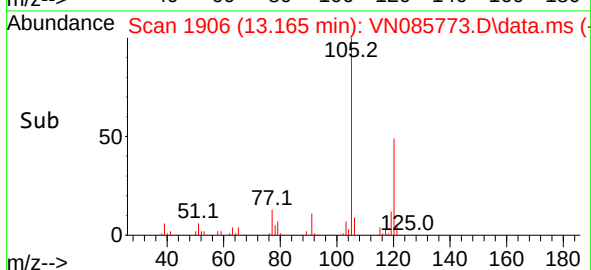
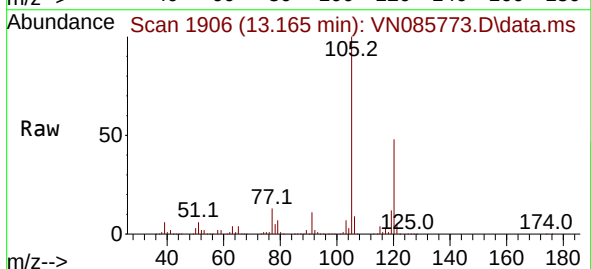
Manual Integrations
APPROVED

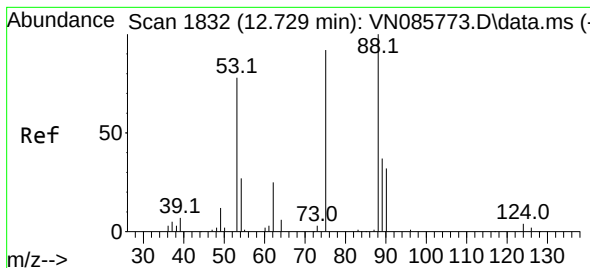
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.757 ug/l
RT: 13.165 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

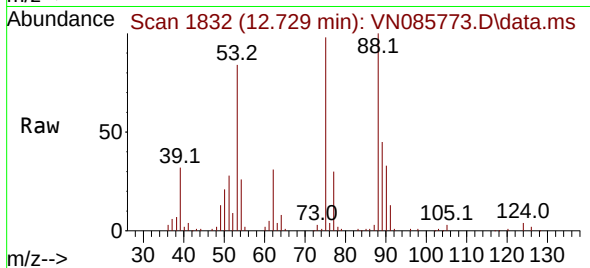
Tgt Ion:105 Resp: 695205
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 52.111 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

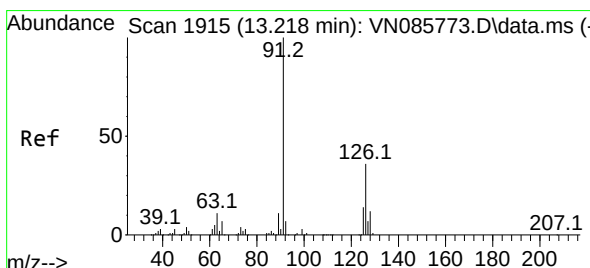
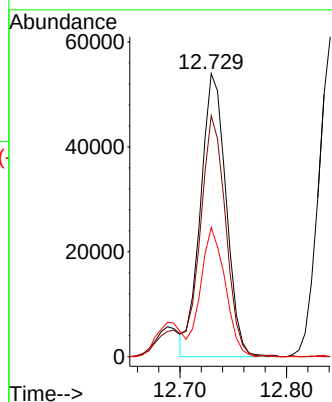
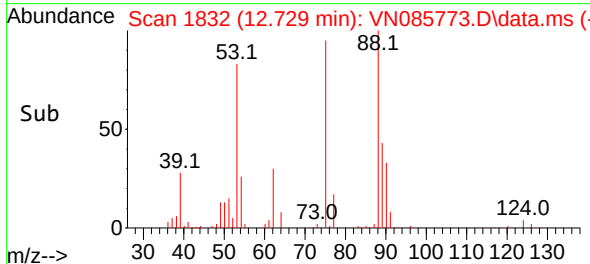
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 9025
Ion Ratio Lower Upper
75 100
53 92.8 74.2 111.4
89 43.6 34.9 52.3

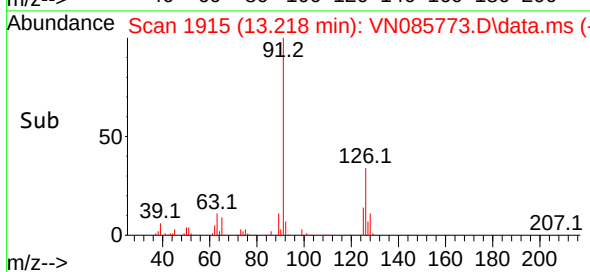
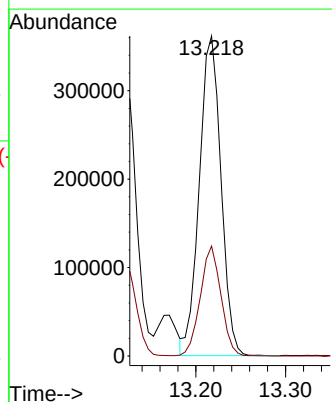
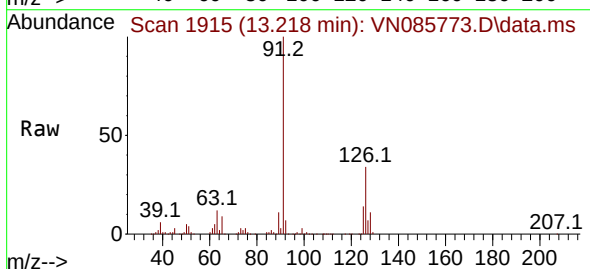
Manual Integrations
APPROVED

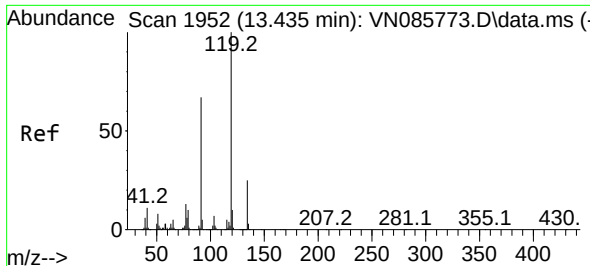
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#82
4-Chlorotoluene
Concen: 51.139 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

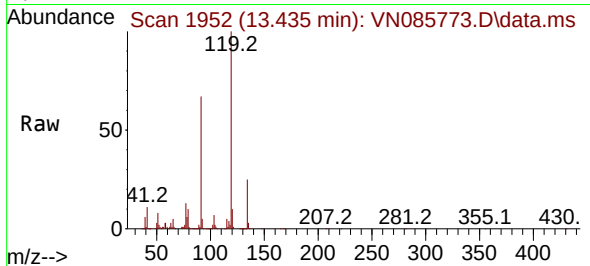
Tgt Ion: 91 Resp: 604612
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 54.933 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

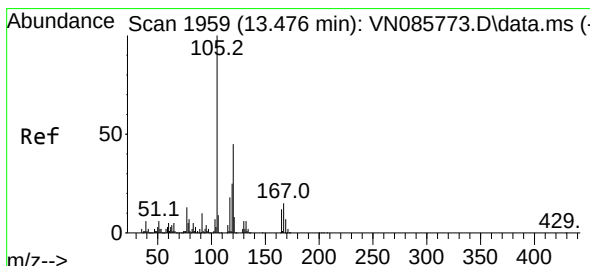
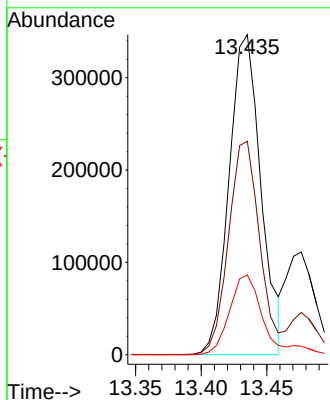
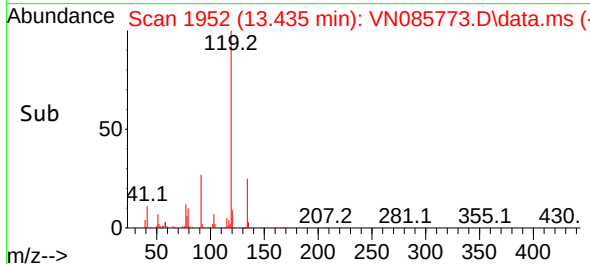
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



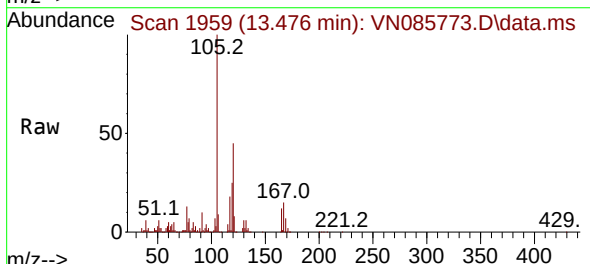
Tgt Ion:119 Resp: 58649
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.5 97.5
 134 26.6 13.3 39.9

Manual Integrations
 APPROVED

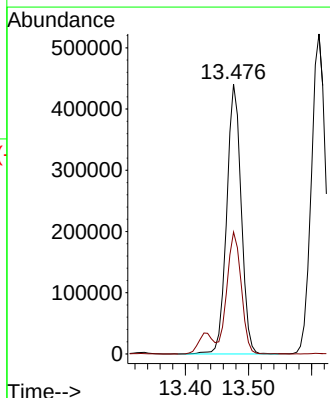
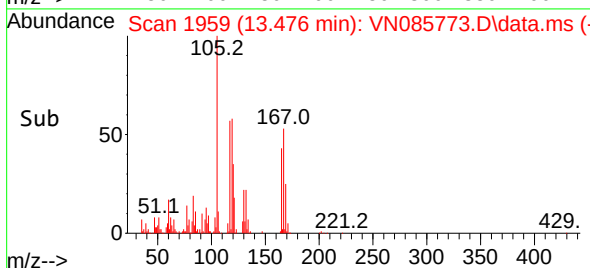
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

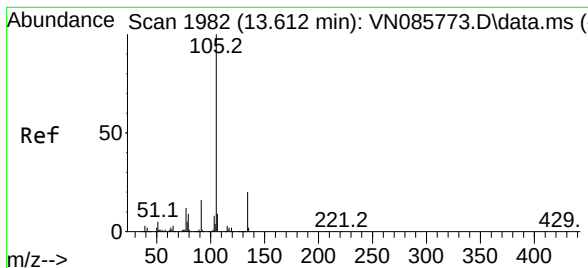


#84
 1,2,4-Trimethylbenzene
 Concen: 55.748 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32



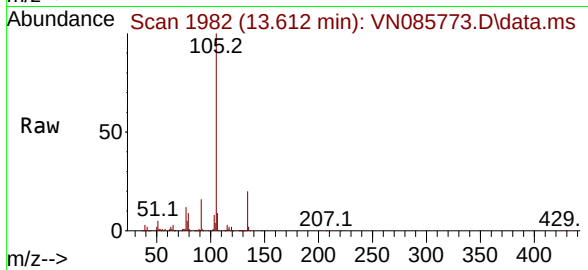
Tgt Ion:105 Resp: 700260
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 55.099 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

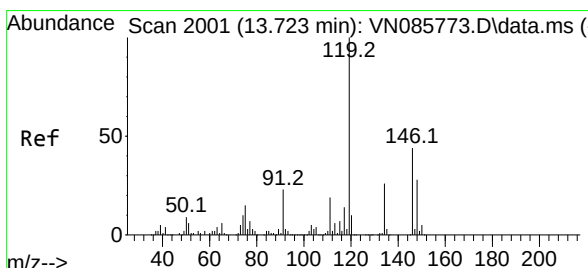
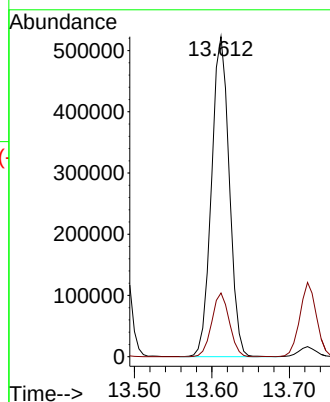
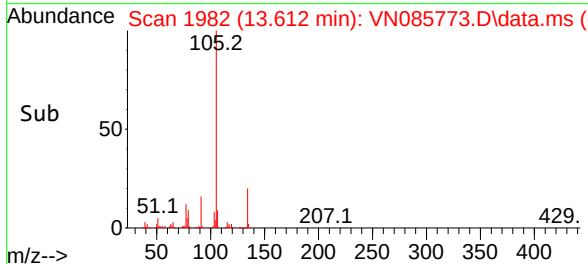
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion:105 Resp: 83114
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

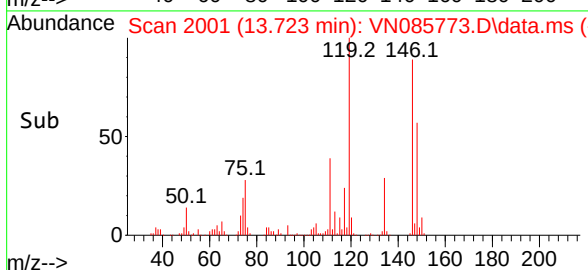
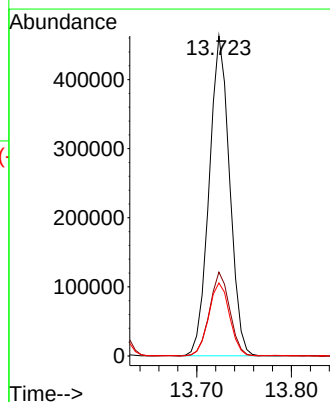
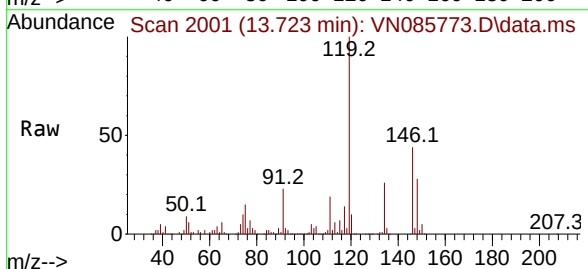
Manual Integrations
 APPROVED

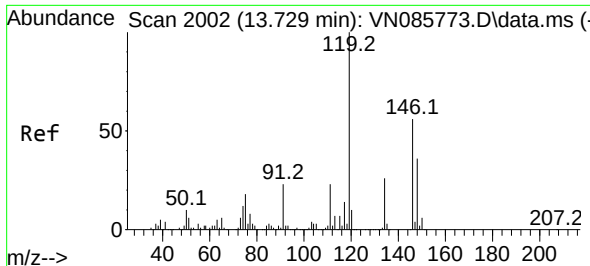
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#86
 p-Isopropyltoluene
 Concen: 50.103 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

Tgt Ion:119 Resp: 692641
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 23.4 11.7 35.1





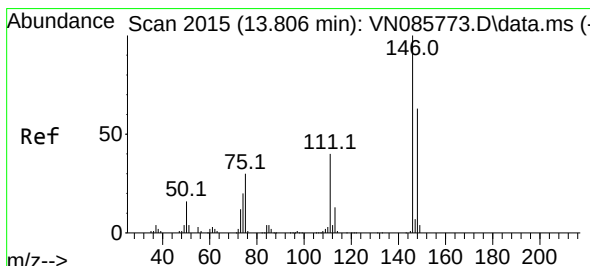
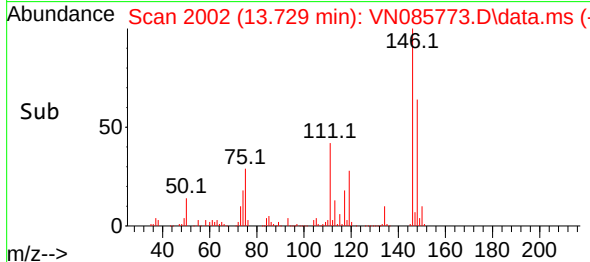
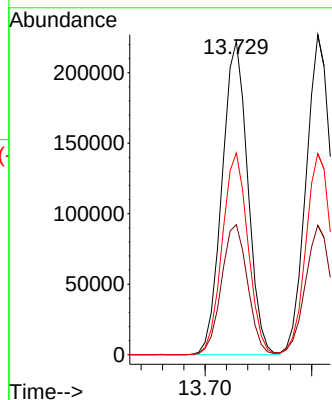
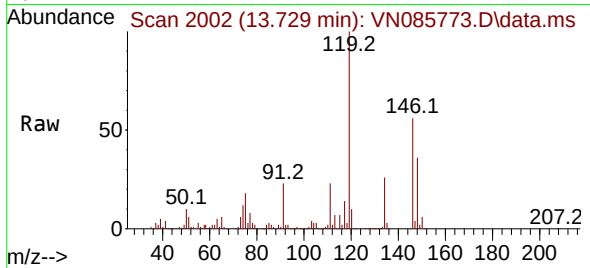
#87
1,3-Dichlorobenzene
Concen: 47.154 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 372004
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 64.3 32.1 96.5

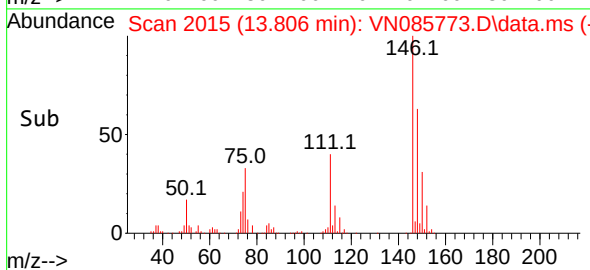
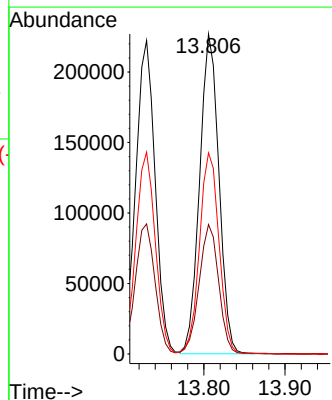
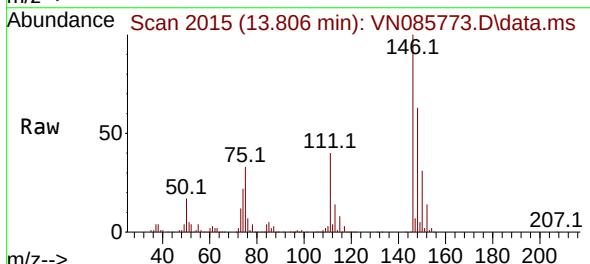
Manual Integrations
APPROVED

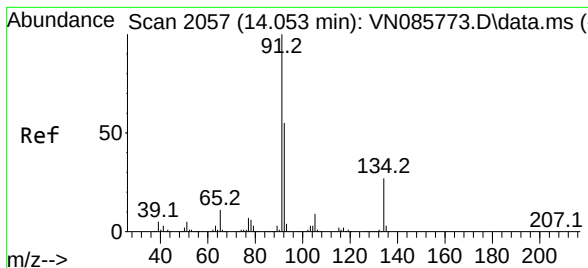
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#88
1,4-Dichlorobenzene
Concen: 46.340 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion:146 Resp: 374700
Ion Ratio Lower Upper
146 100
111 40.9 20.4 61.3
148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 54.197 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

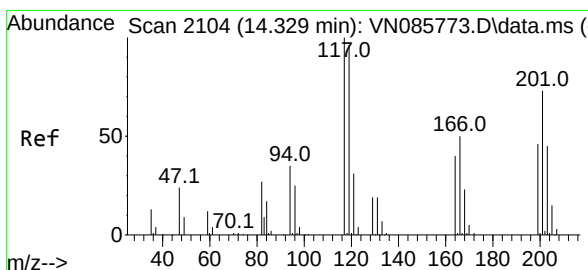
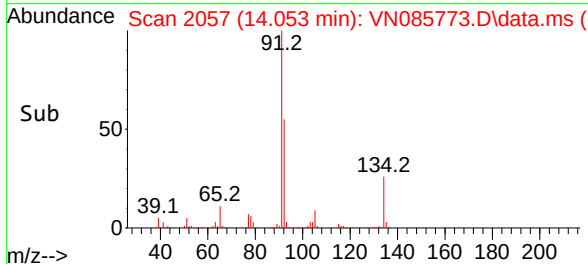
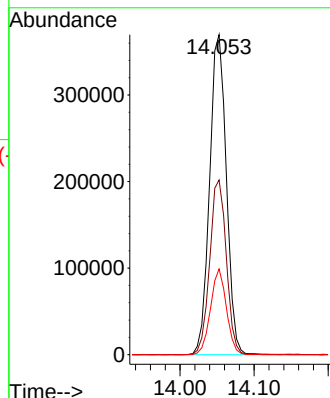
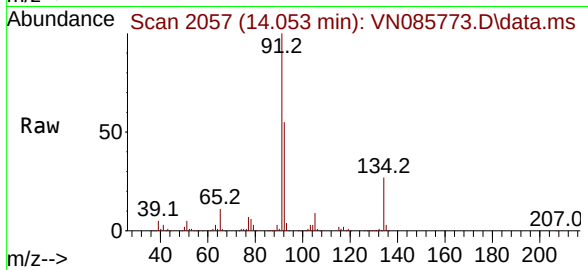
Tgt Ion:	91	Resp:	58044
Ion Ratio	Lower	Upper	
91	100		
92	54.2	27.1	81.3
134	25.4	12.7	38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#90

Hexachloroethane

Concen: 46.708 ug/l

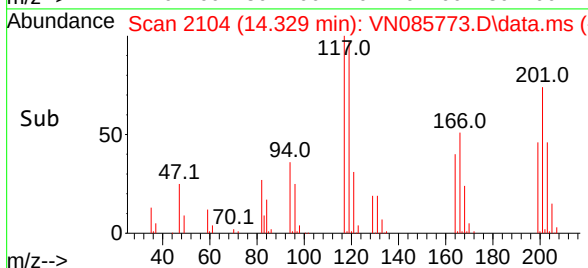
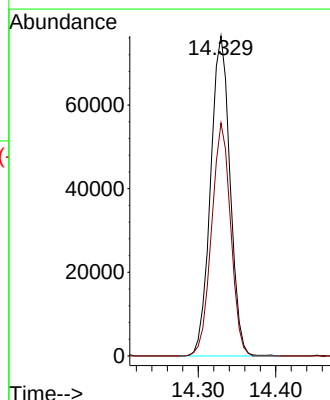
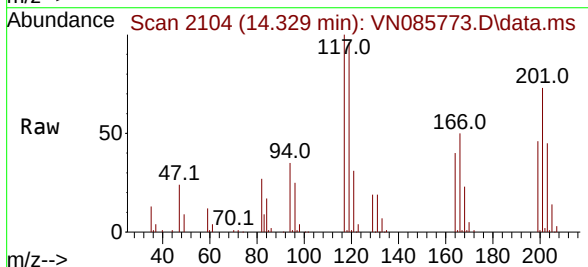
RT: 14.329 min Scan# 2104

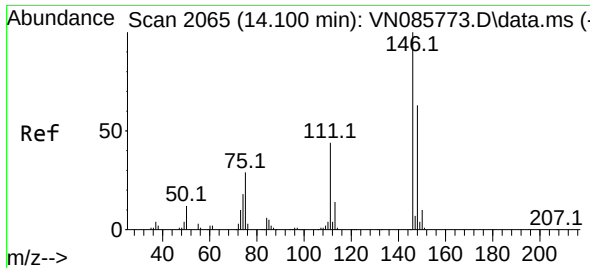
Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Tgt Ion:	117	Resp:	133438
Ion Ratio	Lower	Upper	
117	100		
201	71.3	35.6	106.9





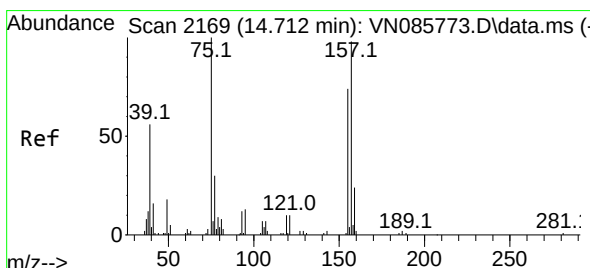
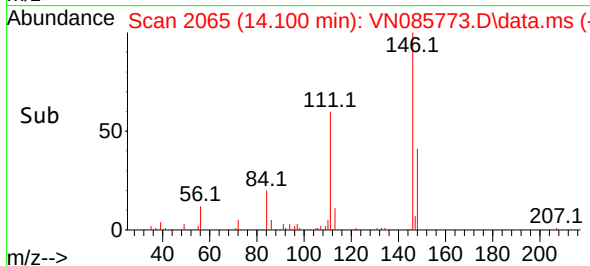
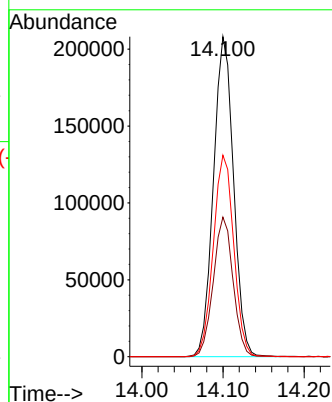
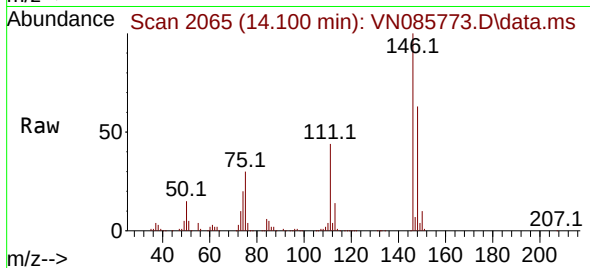
#91
1,2-Dichlorobenzene
Concen: 47.211 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 358159
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.3
148 64.1 32.0 96.2

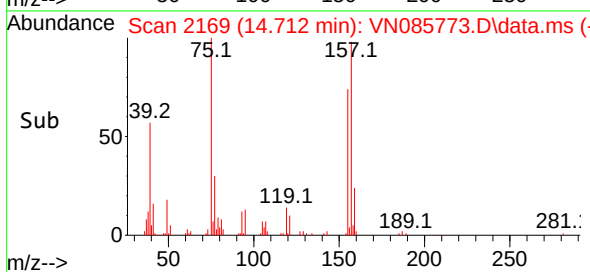
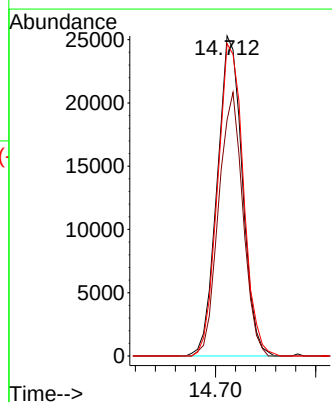
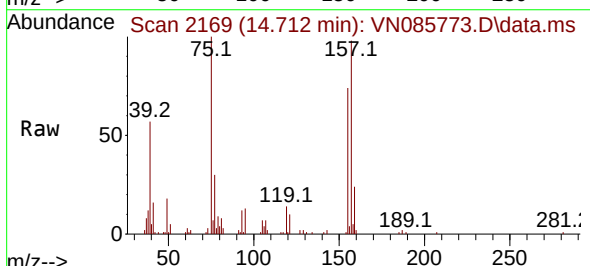
Manual Integrations
APPROVED

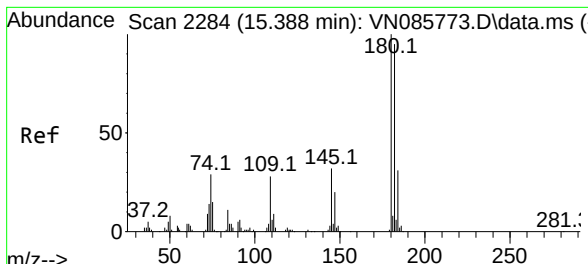
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.611 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

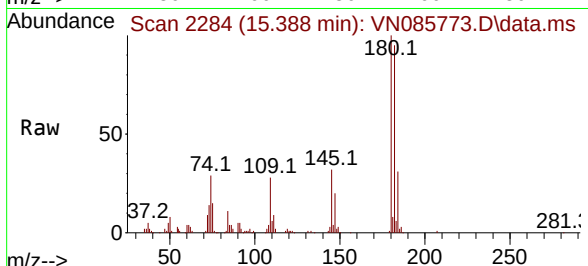
Tgt Ion: 75 Resp: 43935
Ion Ratio Lower Upper
75 100
155 79.7 39.9 119.6
157 99.8 49.9 149.7





#93
 1,2,4-Trichlorobenzene
 Concen: 50.473 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

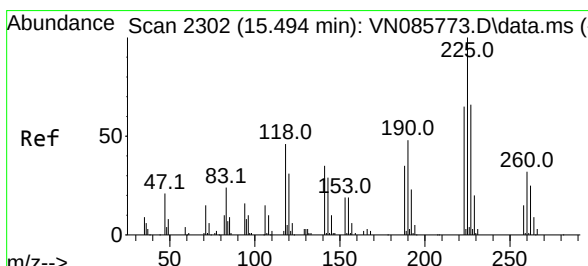
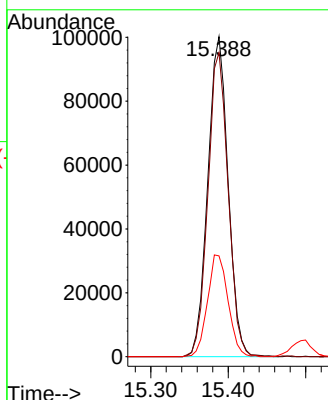
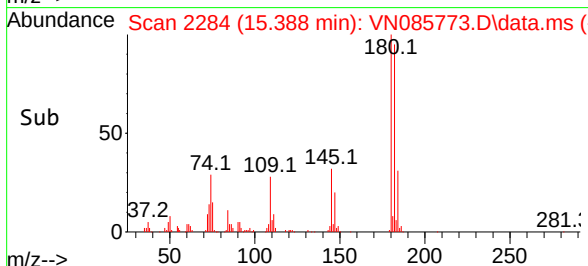
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion:180 Resp: 182458
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.9
 145 32.3 16.2 48.5

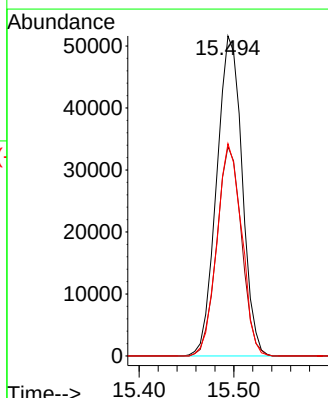
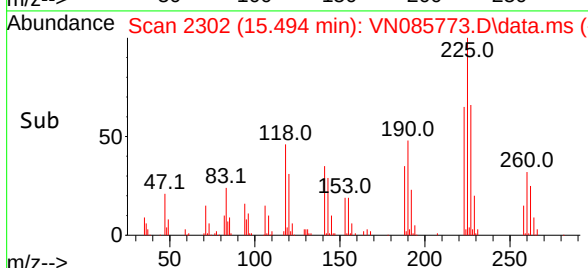
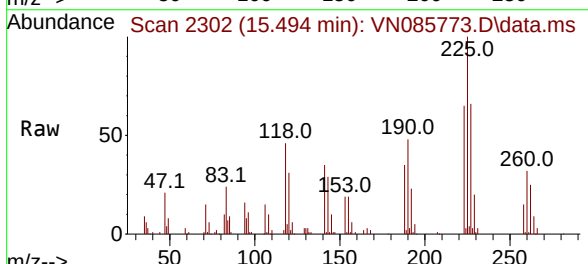
Manual Integrations
 APPROVED

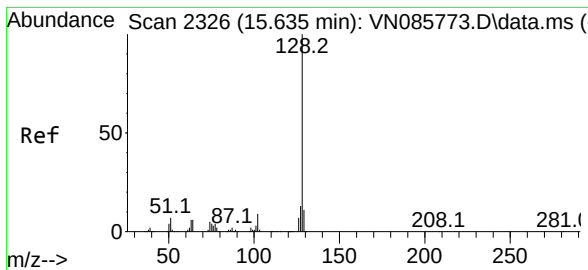
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#94
 Hexachlorobutadiene
 Concen: 43.899 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

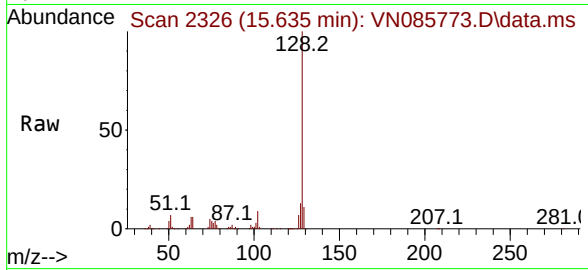
Tgt Ion:225 Resp: 96444
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.9 95.5
 227 64.4 32.2 96.6





#95
Naphthalene
Concen: 53.265 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

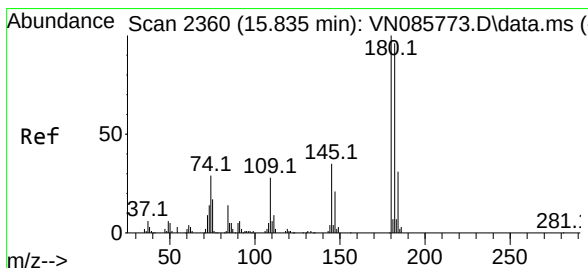
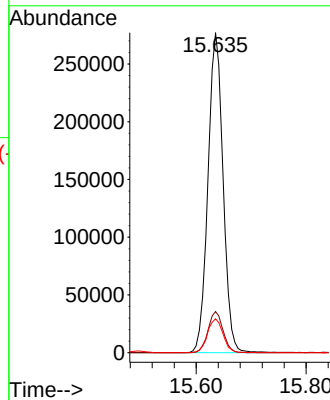
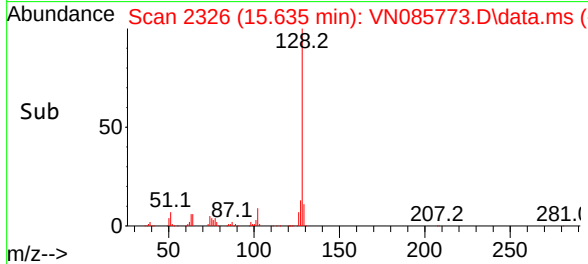
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



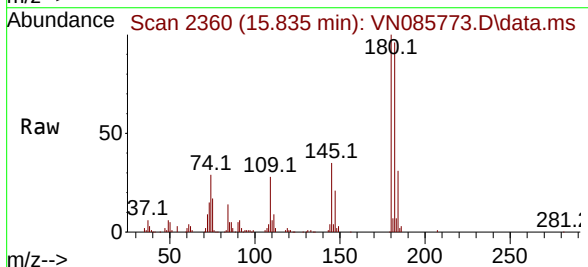
Tgt Ion:128 Resp: 52862
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.473 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32



Tgt Ion:180 Resp: 179544
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 33.7 16.9 50.6

