

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085928.D
 Acq On : 11 Mar 2025 13:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 12 01:17:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	193697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	153775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139175	55.421	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.840%			
35) Dibromofluoromethane	8.165	113	113839	56.081	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.160%			
50) Toluene-d8	10.565	98	424670	57.501	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.000%#			
62) 4-Bromofluorobenzene	12.847	95	156821	64.447	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 128.900%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	149052	56.573	ug/l	98
3) Chloromethane	2.359	50	143124	54.136	ug/l	100
4) Vinyl Chloride	2.512	62	144535	51.634	ug/l	100
5) Bromomethane	2.953	94	82079	45.857	ug/l	97
6) Chloroethane	3.118	64	81737	44.083	ug/l	99
7) Trichlorofluoromethane	3.494	101	211138	52.097	ug/l	96
8) Diethyl Ether	3.959	74	70014	53.392	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	124057	52.955	ug/l	99
10) Methyl Iodide	4.589	142	150351	52.065	ug/l	97
11) Tert butyl alcohol	5.524	59	74854	242.354	ug/l	100
12) 1,1-Dichloroethene	4.336	96	115016	54.147	ug/l	99
13) Acrolein	4.177	56	96839	211.429	ug/l	97
14) Allyl chloride	5.030	41	150912	54.113	ug/l	95
15) Acrylonitrile	5.712	53	276910	275.784	ug/l	100
16) Acetone	4.424	43	219737	276.540	ug/l	98
17) Carbon Disulfide	4.712	76	349600	55.533	ug/l	100
18) Methyl Acetate	5.018	43	120090	43.940	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	359275	56.919	ug/l	98
20) Methylene Chloride	5.277	84	130189	50.948	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	124616	54.484	ug/l	93
22) Diisopropyl ether	6.671	45	362103	57.461	ug/l	96
23) Vinyl Acetate	6.600	43	1270226	294.389	ug/l	99
24) 1,1-Dichloroethane	6.565	63	228563	53.355	ug/l	99
25) 2-Butanone	7.482	43	327494	280.150	ug/l	98
26) 2,2-Dichloropropane	7.488	77	203466	53.414	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	138418	52.194	ug/l	96
28) Bromochloromethane	7.812	49	113720	64.588	ug/l	93
29) Tetrahydrofuran	7.835	42	220221	291.733	ug/l	98
30) Chloroform	7.965	83	236440	52.815	ug/l	100
31) Cyclohexane	8.253	56	200072	55.780	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	211810	53.194	ug/l	98
36) 1,1-Dichloropropene	8.365	75	165790	57.708	ug/l	99
37) Ethyl Acetate	7.559	43	134008	56.682	ug/l	99
38) Carbon Tetrachloride	8.359	117	193937	56.814	ug/l	94
39) Methylcyclohexane	9.600	83	174606	61.866	ug/l	96
40) Benzene	8.600	78	517879	56.244	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	75757	59.941	ug/l	97
42) 1,2-Dichloroethane	8.671	62	167949	55.998	ug/l	100
43) Isopropyl Acetate	8.688	43	229745	55.431	ug/l	98
44) Trichloroethene	9.347	130	114319	50.566	ug/l	98
45) 1,2-Dichloropropane	9.618	63	125922	56.656	ug/l	97
46) Dibromomethane	9.706	93	87140	55.583	ug/l	99
47) Bromodichloromethane	9.882	83	184314	54.952	ug/l	100
48) Methyl methacrylate	9.676	41	106445	60.625	ug/l	98
49) 1,4-Dioxane	9.688	88	41048	1229.394	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	696920	305.744	ug/l	100
52) Toluene	10.629	92	330401	61.214	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	187593	60.485	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	200954	59.087	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	117216	54.621	ug/l	95
56) Ethyl methacrylate	10.870	69	177513	56.615	ug/l	99
57) 1,3-Dichloropropane	11.159	76	203447	56.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	282710	238.868	ug/l	100
59) 2-Hexanone	11.194	43	510866	325.783	ug/l	99
60) Dibromochloromethane	11.359	129	145539	58.241	ug/l	98
61) 1,2-Dibromoethane	11.465	107	117538	57.968	ug/l	99
64) Tetrachloroethene	11.100	164	114845	52.336	ug/l	95
65) Chlorobenzene	11.888	112	343241	52.896	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	125659	53.877	ug/l	99
67) Ethyl Benzene	11.959	91	611796	60.189	ug/l	99
68) m/p-Xylenes	12.070	106	484997	125.614	ug/l	100
69) o-Xylene	12.394	106	222427	60.624	ug/l	97
70) Styrene	12.406	104	388800	56.209	ug/l	98
71) Bromoform	12.576	173	99094	57.178	ug/l #	96
73) Isopropylbenzene	12.694	105	559356	53.095	ug/l	99
74) N-amyl acetate	12.494	43	199571	53.719	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	168671	46.527	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	178136m	52.150	ug/l	
77) Bromobenzene	12.976	156	143525	50.426	ug/l	98
78) n-propylbenzene	13.035	91	682397	56.559	ug/l	99
79) 2-Chlorotoluene	13.123	91	424345	52.640	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	489718	57.065	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	69980	59.775	ug/l	87
82) 4-Chlorotoluene	13.217	91	436573	54.629	ug/l	100
83) tert-Butylbenzene	13.435	119	392056	54.327	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	505780	59.570	ug/l	99
85) sec-Butylbenzene	13.611	105	567243	55.632	ug/l	100
86) p-Isopropyltoluene	13.729	119	483401	51.591	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	268224	50.299	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	267568	48.956	ug/l	100
89) n-Butylbenzene	14.053	91	404902	55.932	ug/l	98
90) Hexachloroethane	14.335	117	93901	48.627	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	256774	50.074	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31337	47.074	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	125292	51.276	ug/l	98
94) Hexachlorobutadiene	15.500	225	67213	45.261	ug/l	99
95) Naphthalene	15.641	128	352544	52.553	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	121186	49.402	ug/l	98

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

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VSTDCCC050

Manual Integrations

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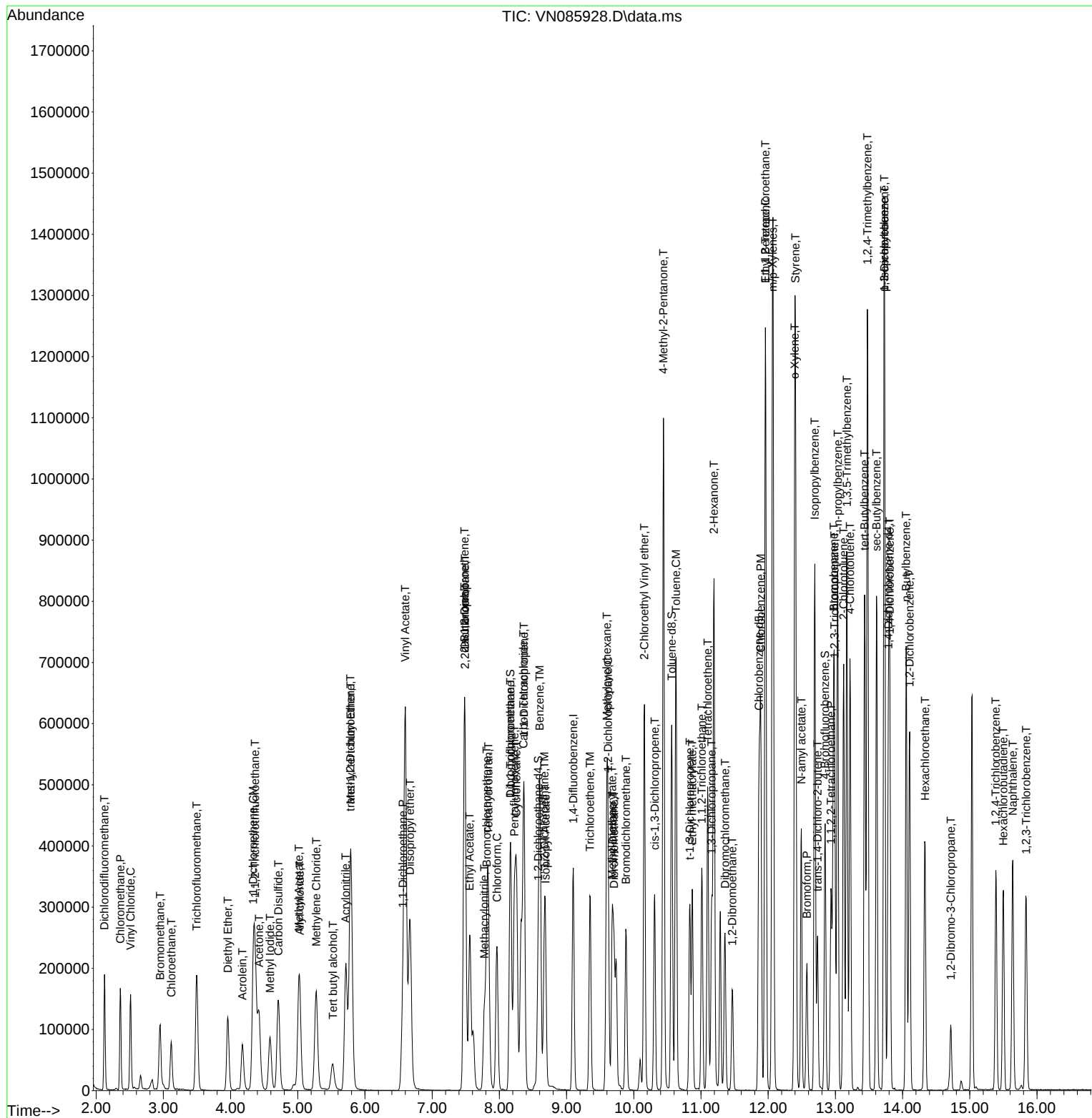
Quant Time: Mar 12 01:17:51 2025

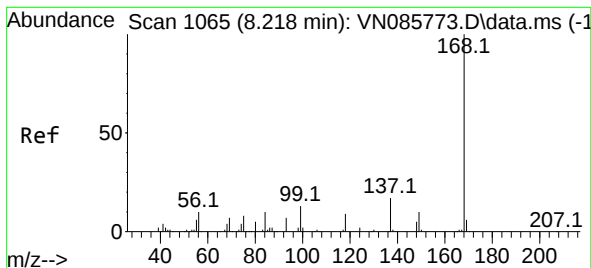
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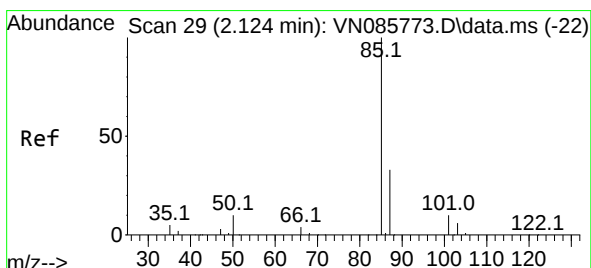
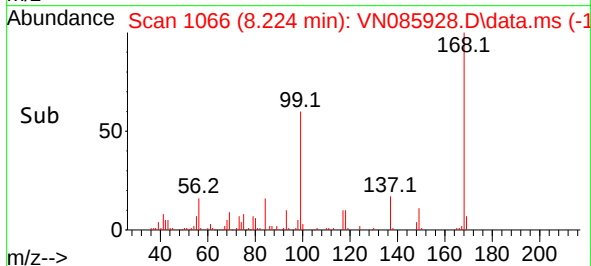
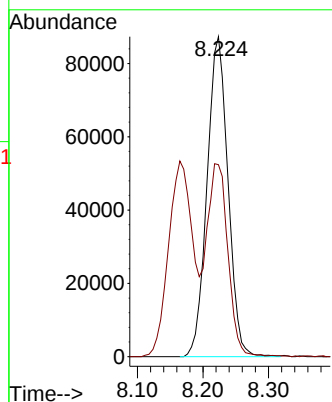
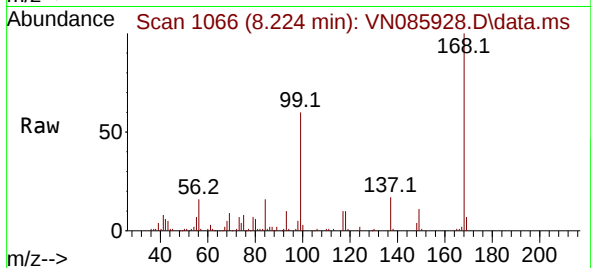
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085928.D
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ClientSampleId :
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Tgt Ion:168 Resp: 19369
Ion Ratio Lower Upper
168 100
99 59.7 47.9 71.9

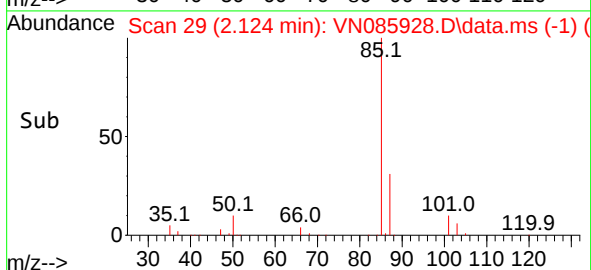
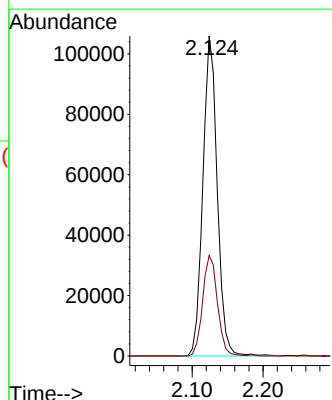
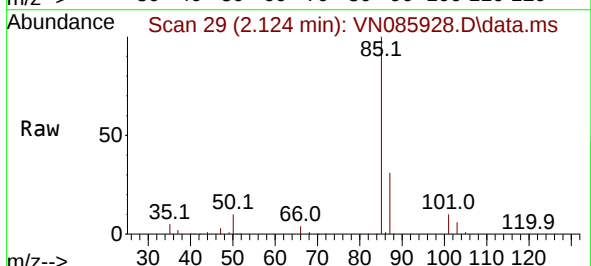
Manual Integrations
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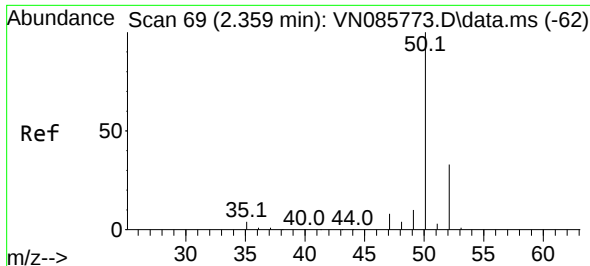
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#2
Dichlorodifluoromethane
Concen: 56.573 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

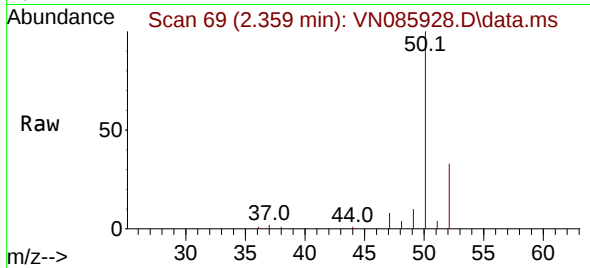
Tgt Ion: 85 Resp: 149052
Ion Ratio Lower Upper
85 100
87 31.4 16.4 49.2





#3
Chloromethane
Concen: 54.136 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085928.D
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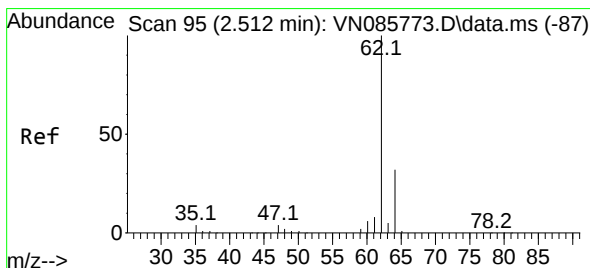
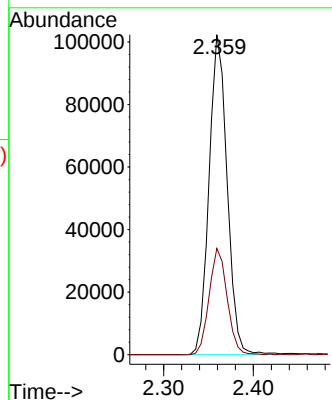
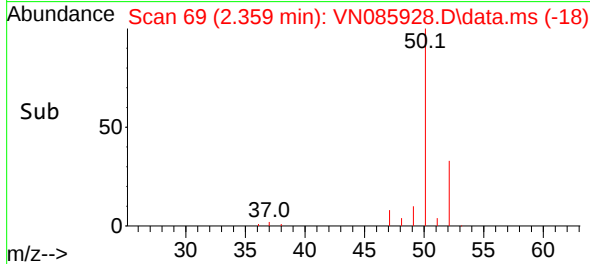
Instrument :
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Tgt Ion: 50 Resp: 143124
Ion Ratio Lower Upper
50 100
52 33.2 26.7 40.1

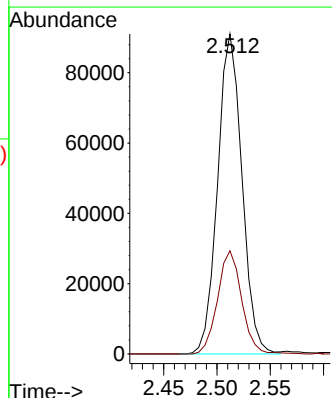
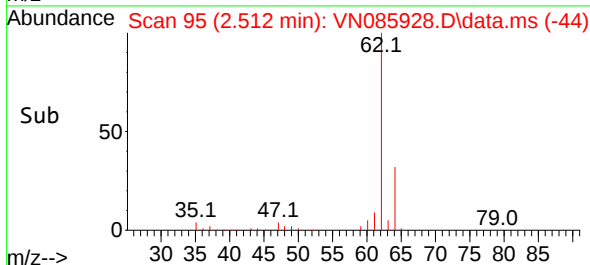
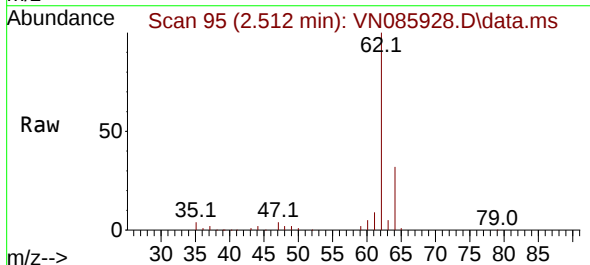
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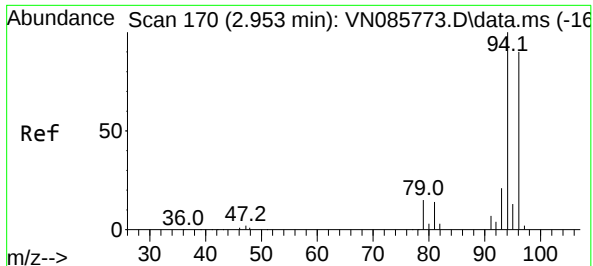
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#4
Vinyl Chloride
Concen: 51.634 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085928.D
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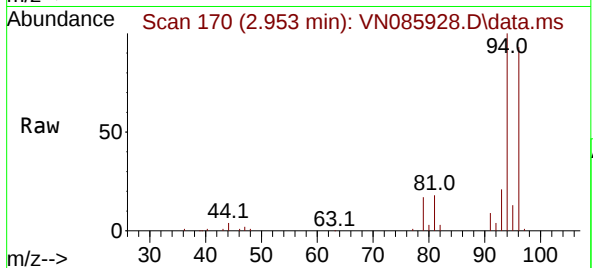
Tgt Ion: 62 Resp: 144535
Ion Ratio Lower Upper
62 100
64 32.2 25.9 38.9





#5
Bromomethane
Concen: 45.857 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085928.D
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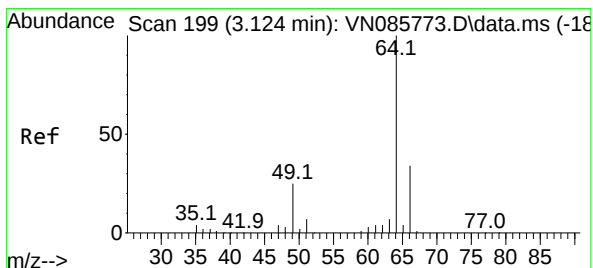
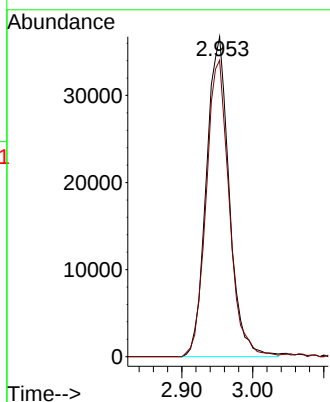
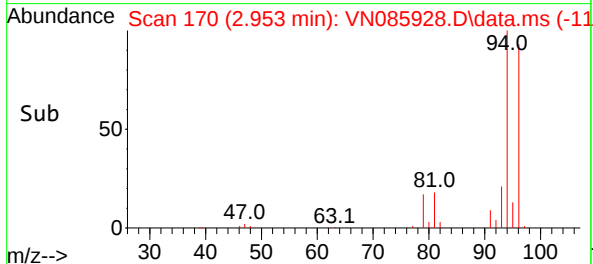
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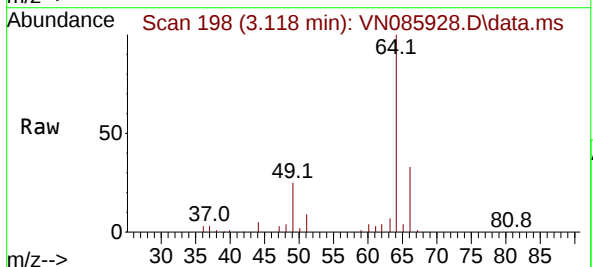
Tgt Ion: 94 Resp: 82079
Ion Ratio Lower Upper
94 100
96 92.7 71.7 107.5

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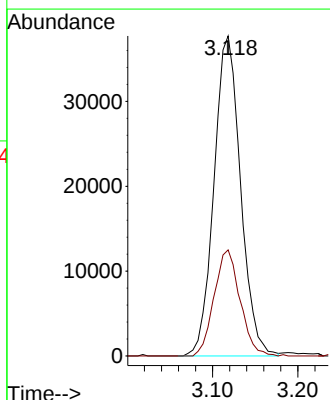
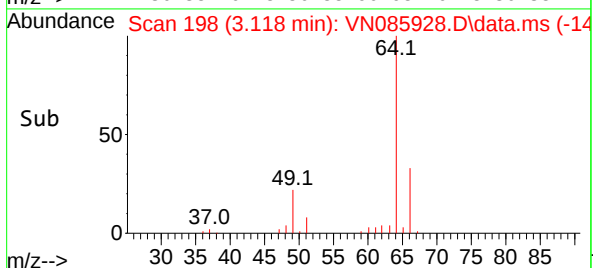
Reviewed By :John Carlone 03/12/2025
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#6
Chloroethane
Concen: 44.083 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



Tgt Ion: 64 Resp: 81737
Ion Ratio Lower Upper
64 100
66 33.2 27.0 40.6





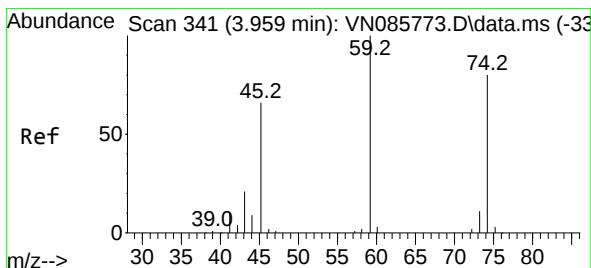
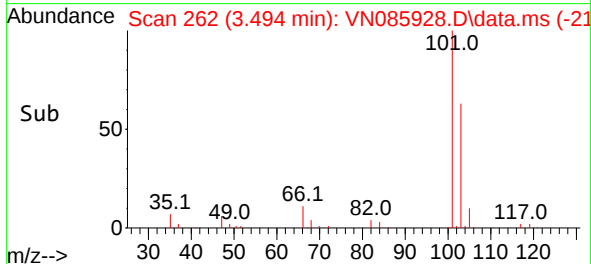
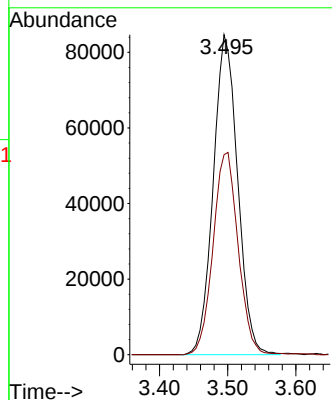
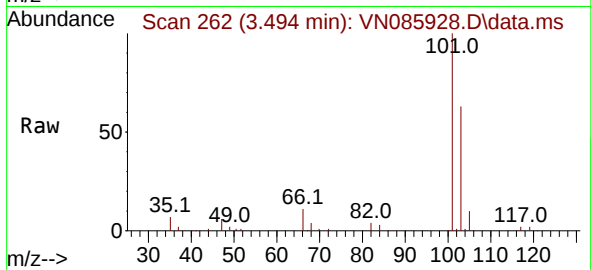
#7
Trichlorofluoromethane
Concen: 52.097 ug/l
RT: 3.494 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

Instrument :
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Tgt Ion:101 Resp: 211138
Ion Ratio Lower Upper
101 100
103 62.5 52.2 78.4

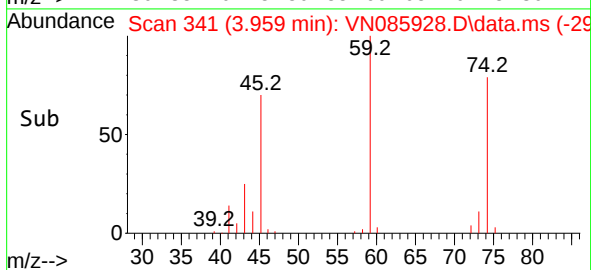
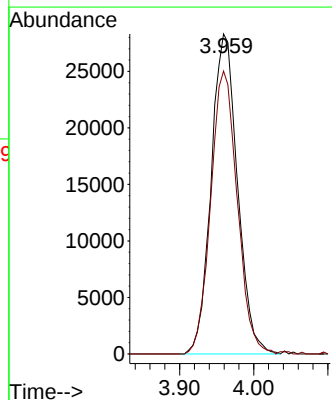
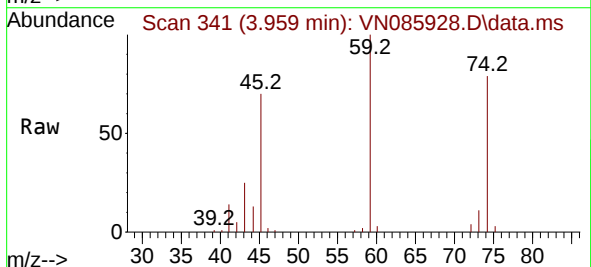
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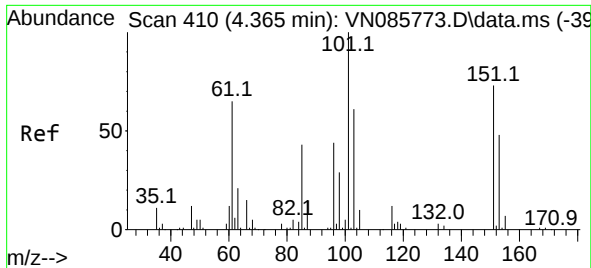
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#8
Diethyl Ether
Concen: 53.392 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

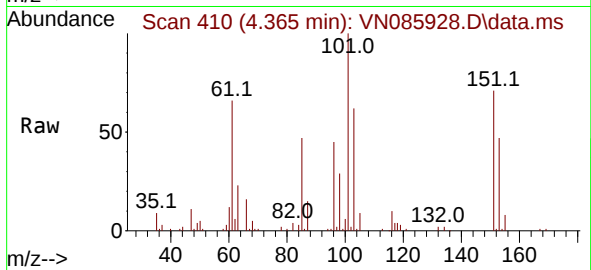
Tgt Ion: 74 Resp: 70014
Ion Ratio Lower Upper
74 100
45 88.9 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.955 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

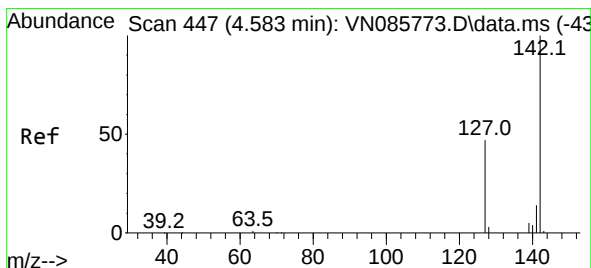
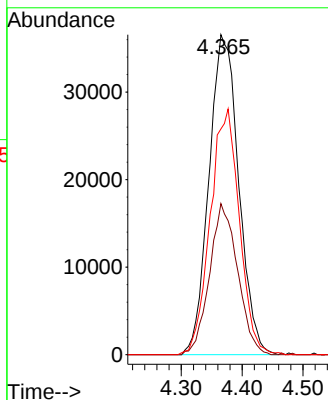
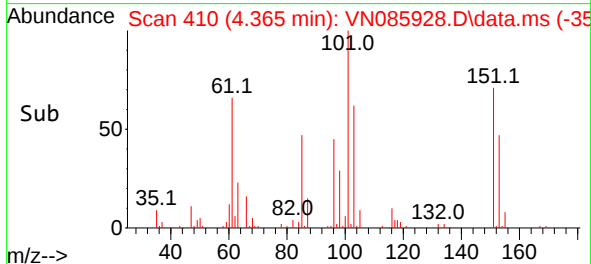
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



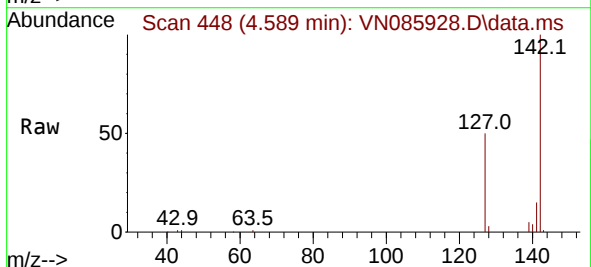
Tgt Ion:101 Resp: 12405
Ion Ratio Lower Upper
101 100
85 44.6 35.7 53.5
151 75.3 61.4 92.2

Manual Integrations
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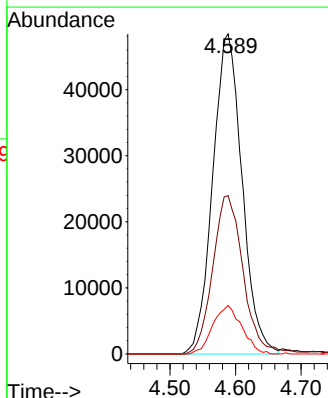
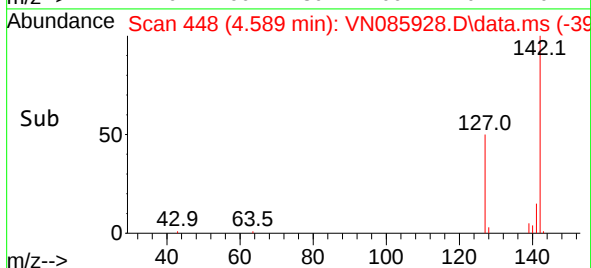
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

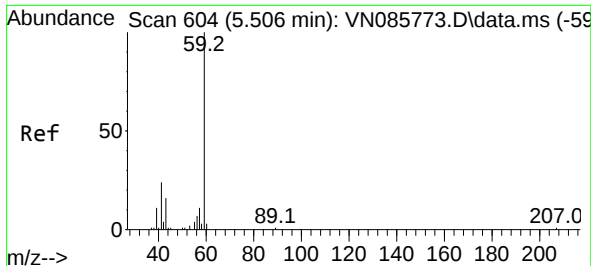


#10
Methyl Iodide
Concen: 52.065 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



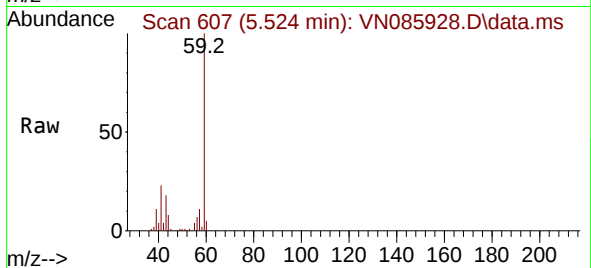
Tgt Ion:142 Resp: 150351
Ion Ratio Lower Upper
142 100
127 49.5 37.6 56.4
141 15.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 242.354 ug/l
RT: 5.524 min Scan# 604
Delta R.T. 0.018 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

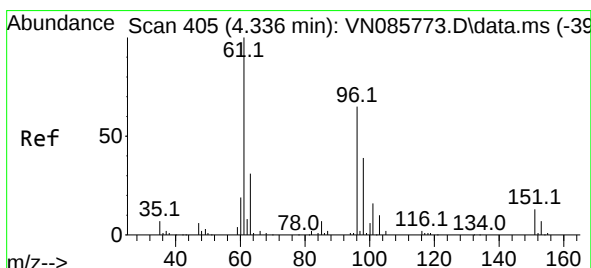
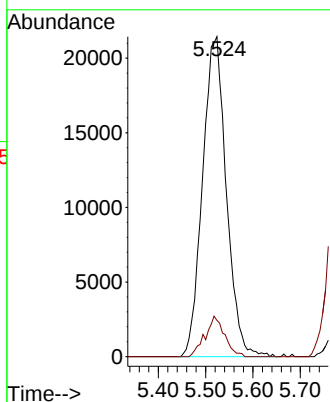
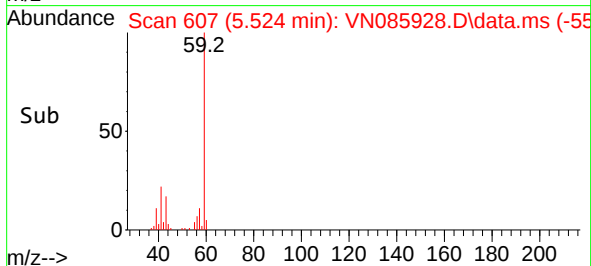
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 74854
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

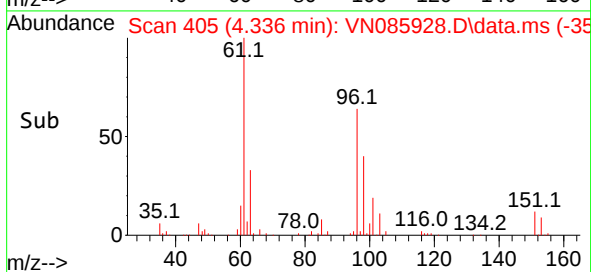
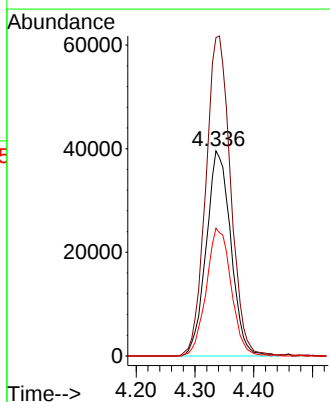
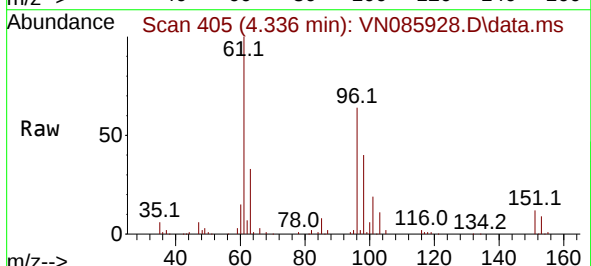
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#12
1,1-Dichloroethene
Concen: 54.147 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

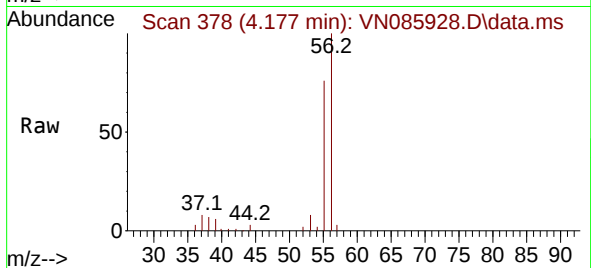
Tgt Ion: 96 Resp: 115016
Ion Ratio Lower Upper
96 100
61 155.2 123.3 184.9
98 62.3 48.6 72.8





#13
Acrolein
Concen: 211.429 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

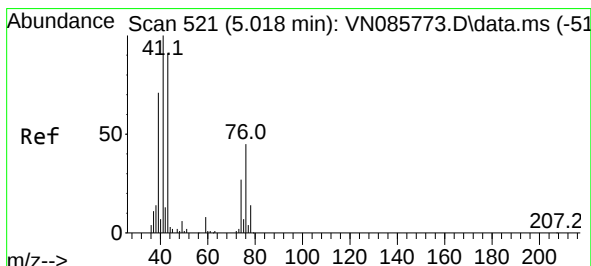
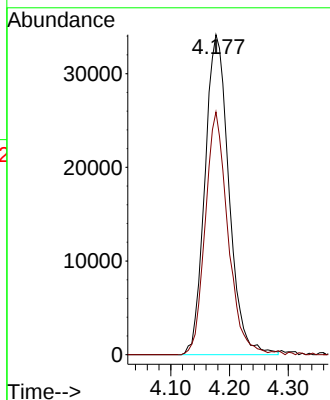
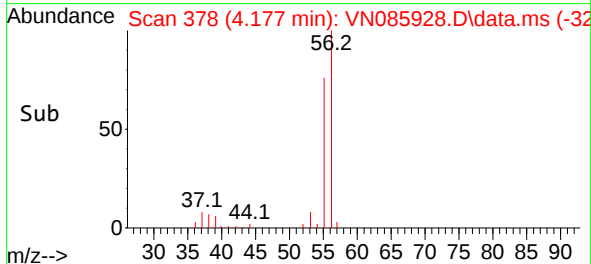
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



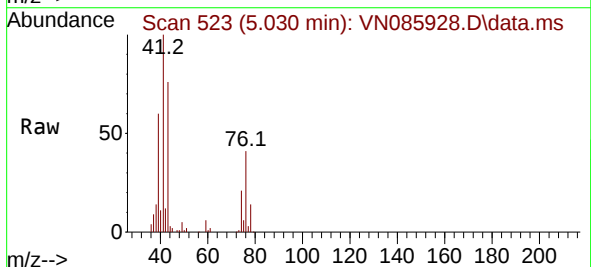
Tgt Ion: 56 Resp: 96839
Ion Ratio Lower Upper
56 100
55 71.5 55.3 82.9

Manual Integrations
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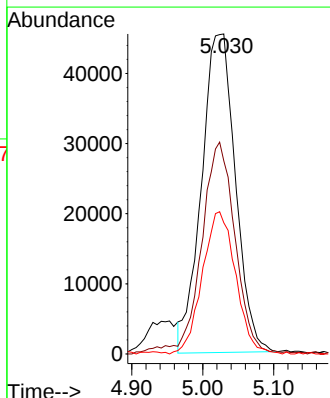
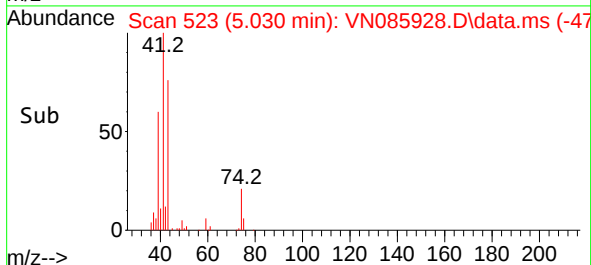
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

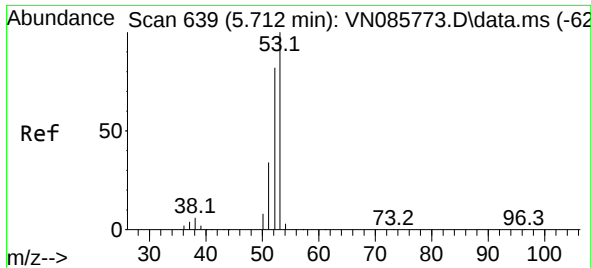


#14
Allyl chloride
Concen: 54.113 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



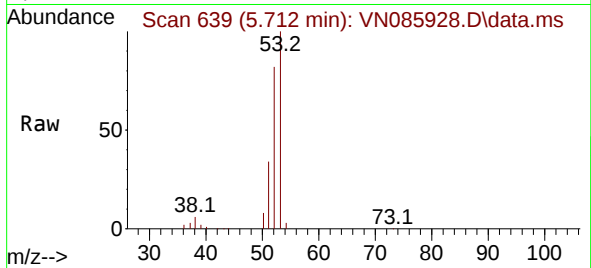
Tgt Ion: 41 Resp: 150912
Ion Ratio Lower Upper
41 100
39 66.7 57.4 86.2
76 43.8 36.2 54.2





#15
Acrylonitrile
Concen: 275.784 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

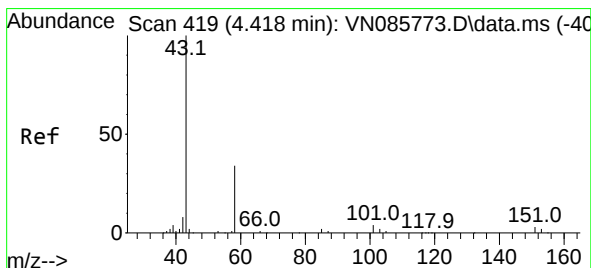
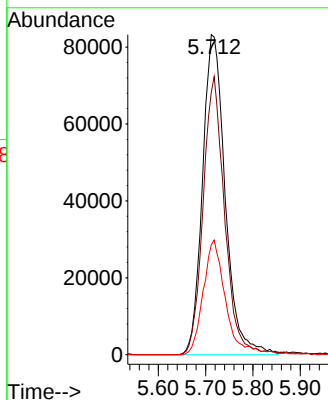
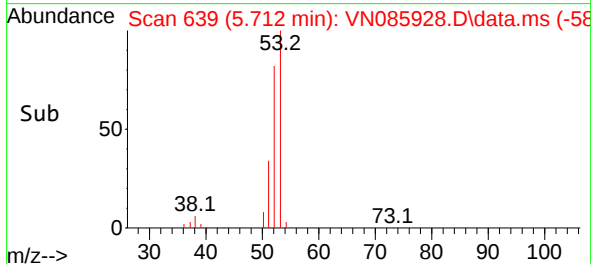
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



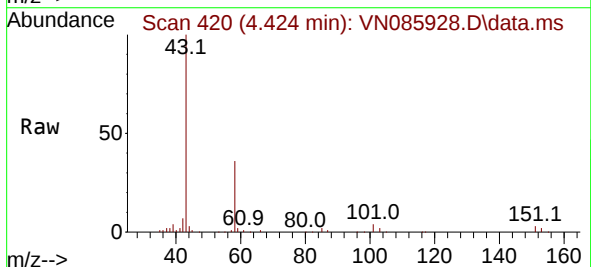
Tgt Ion: 53 Resp: 276910
Ion Ratio Lower Upper
53 100
52 82.5 65.8 98.6
51 35.3 28.6 42.8

Manual Integrations
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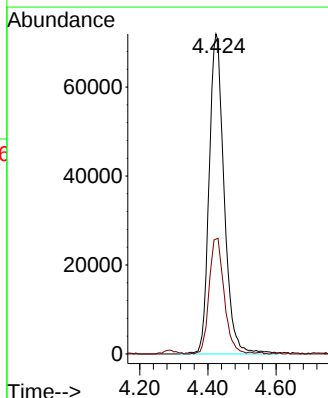
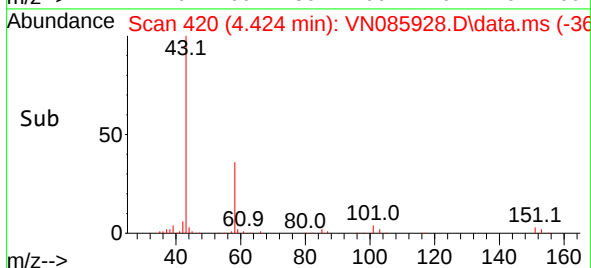
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

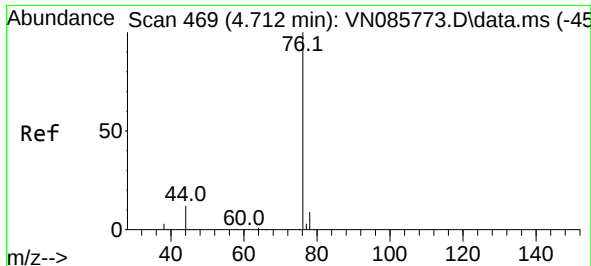


#16
Acetone
Concen: 276.540 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



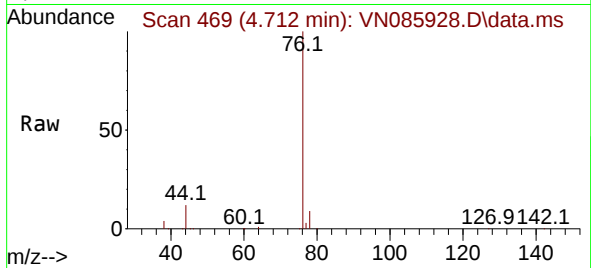
Tgt Ion: 43 Resp: 219737
Ion Ratio Lower Upper
43 100
58 35.6 27.5 41.3





#17
Carbon Disulfide
Concen: 55.533 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

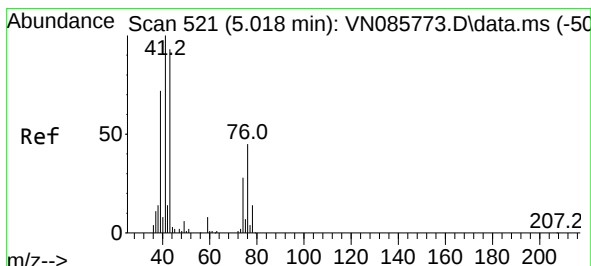
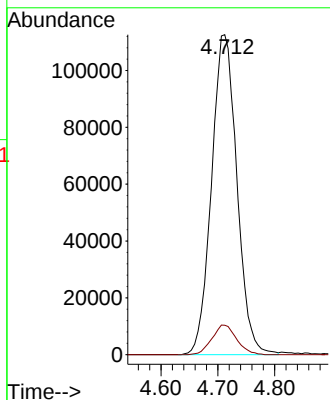
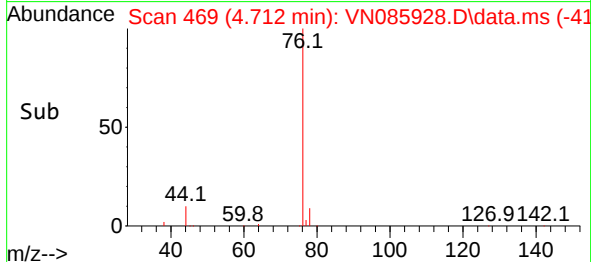
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 349600
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

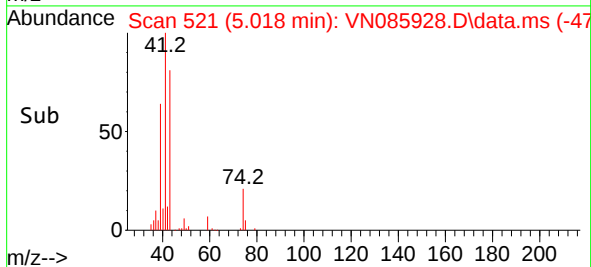
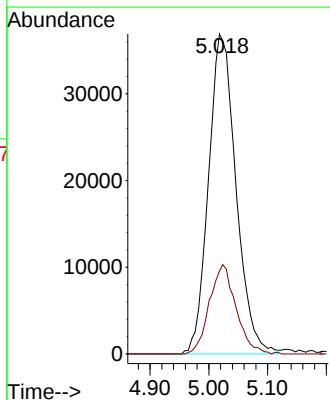
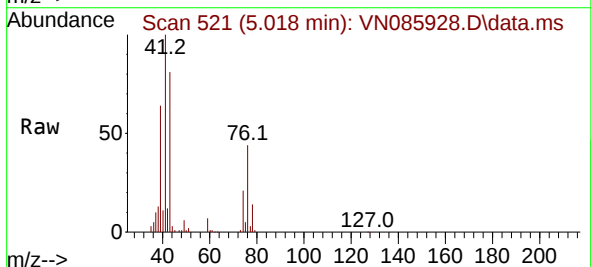
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#18
Methyl Acetate
Concen: 43.940 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

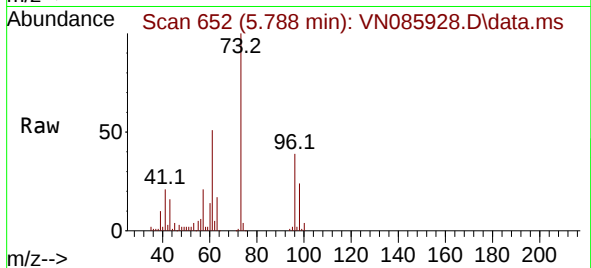
Tgt Ion: 43 Resp: 120090
Ion Ratio Lower Upper
43 100
74 26.9 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 56.919 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

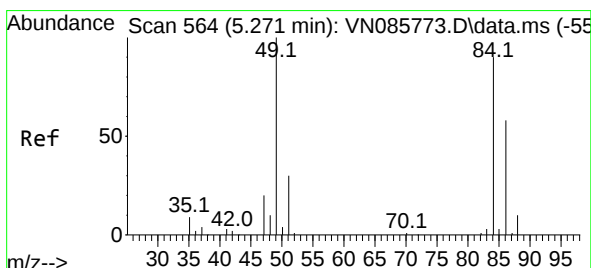
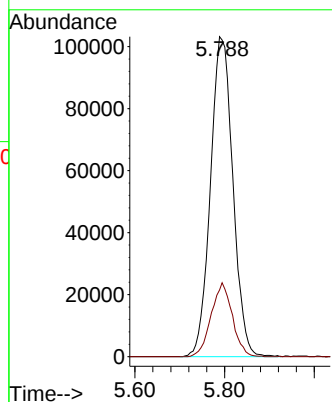
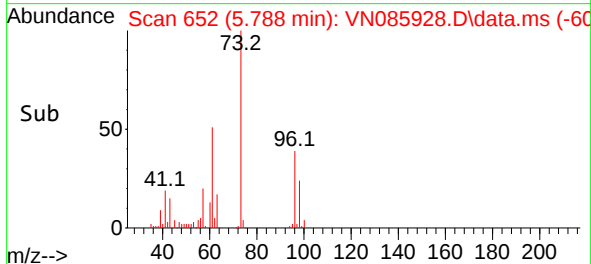
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



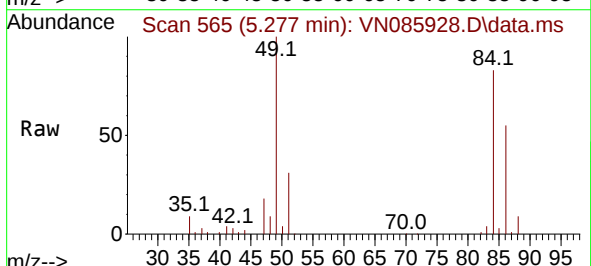
Tgt Ion: 73 Resp: 35927
Ion Ratio Lower Upper
73 100
57 20.9 17.6 26.4

Manual Integrations
APPROVED

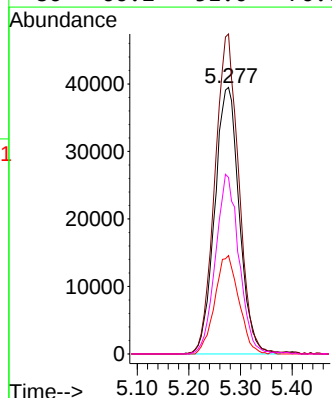
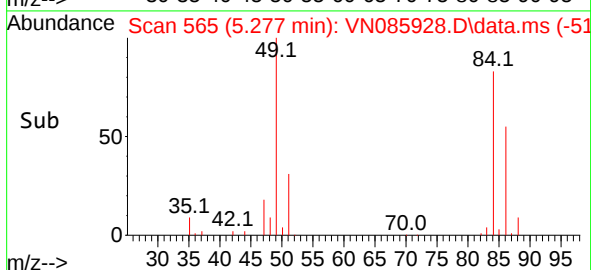
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#20
Methylene Chloride
Concen: 50.948 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



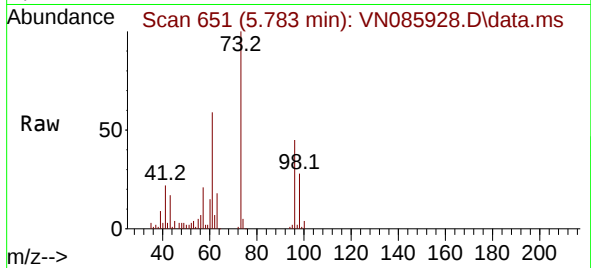
Tgt Ion: 84 Resp: 130189
Ion Ratio Lower Upper
84 100
49 120.1 88.4 132.6
51 36.9 26.6 40.0
86 66.2 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 54.484 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

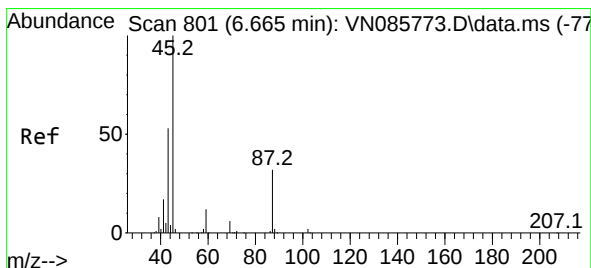
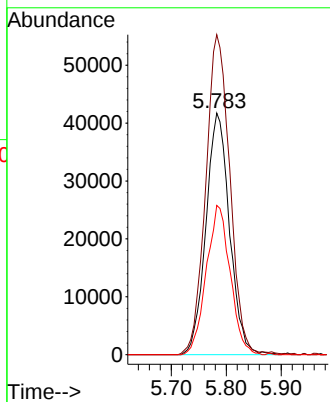
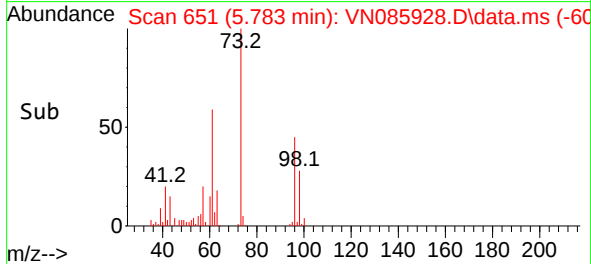
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



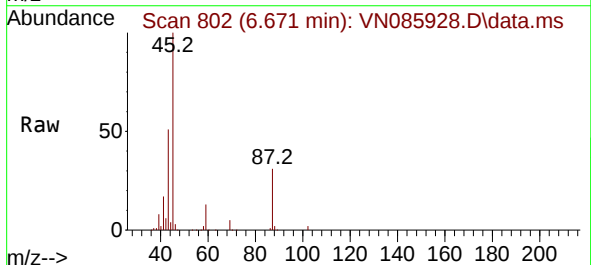
Tgt Ion: 96 Resp: 124610
Ion Ratio Lower Upper
96 100
61 132.5 112.6 168.8
98 61.8 53.3 79.9

Manual Integrations
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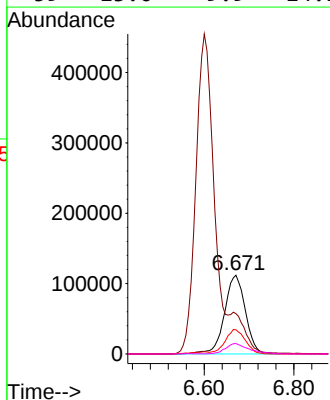
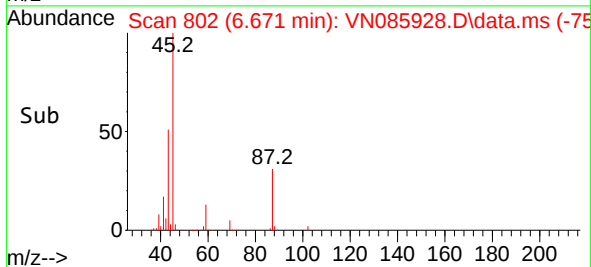
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#22
Diisopropyl ether
Concen: 57.461 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



Tgt Ion: 45 Resp: 362103
Ion Ratio Lower Upper
45 100
43 50.2 42.6 64.0
87 30.6 25.8 38.8
59 13.0 9.9 14.9





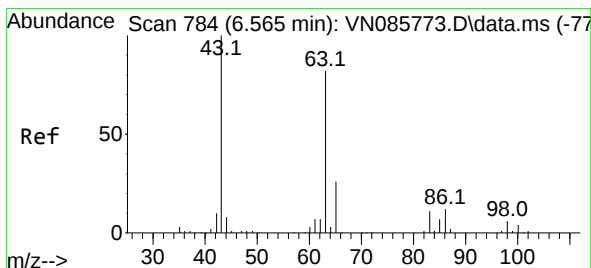
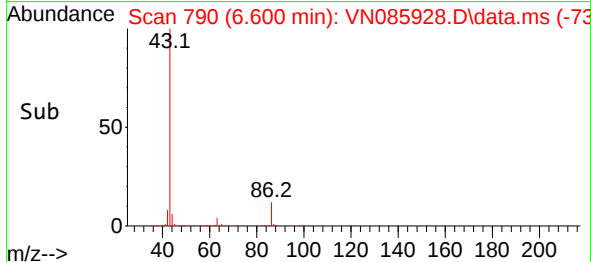
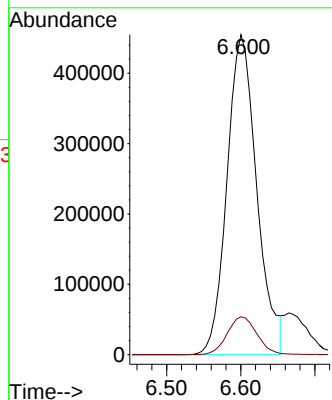
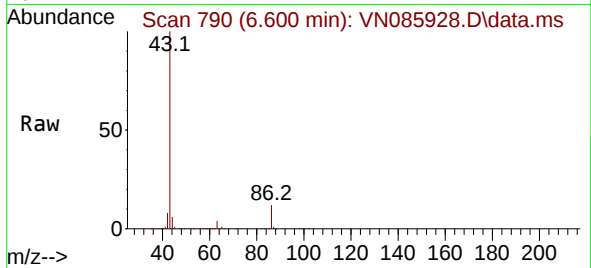
#23
 Vinyl Acetate
 Concen: 294.389 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085928.D
 Acq: 11 Mar 2025 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1270220
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.8 14.8

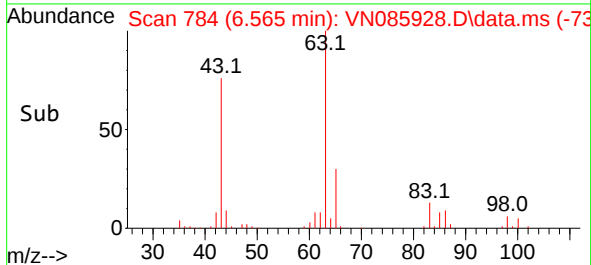
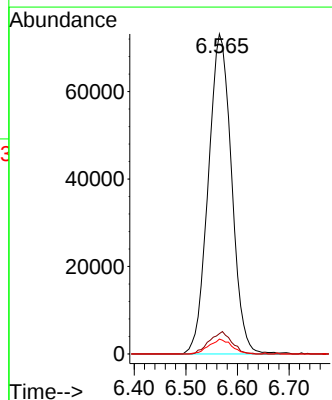
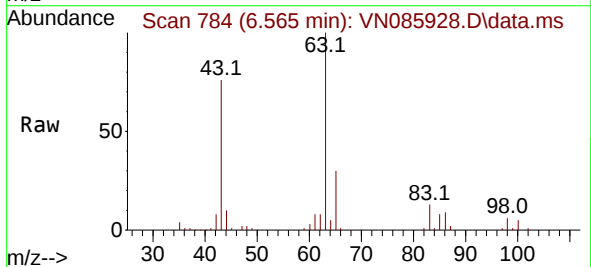
Manual Integrations
 APPROVED

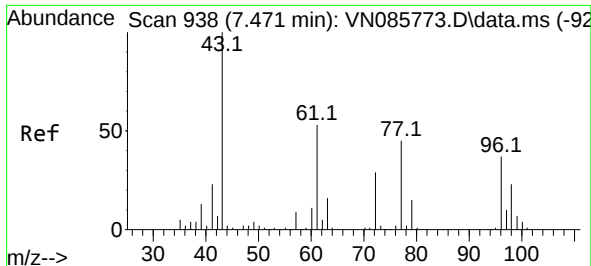
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#24
 1,1-Dichloroethane
 Concen: 53.355 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085928.D
 Acq: 11 Mar 2025 13:22

Tgt Ion: 63 Resp: 228563
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.4
 100 4.7 2.4 7.2





#25

2-Butanone

Concen: 280.150 ug/l

RT: 7.482 min Scan# 940

Delta R.T. 0.012 min

Lab File: VN085928.D

Acq: 11 Mar 2025 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 327494

Ion Ratio Lower Upper

43 100

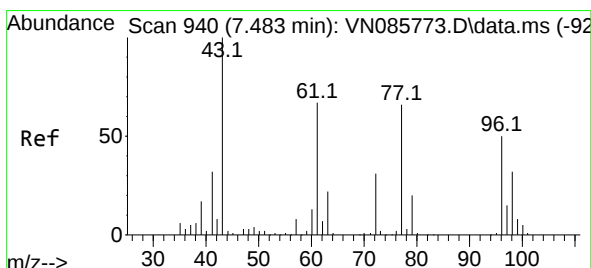
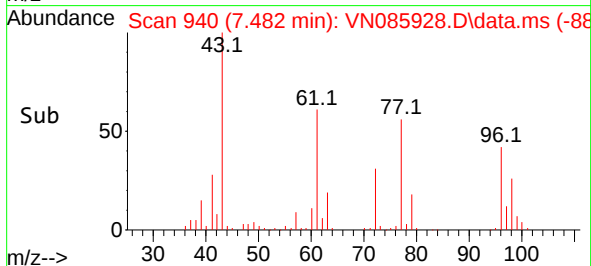
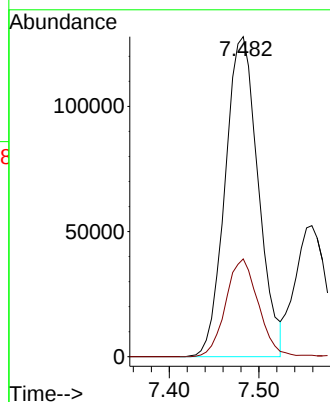
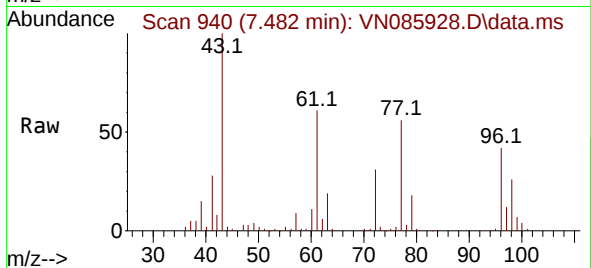
72 30.6 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#26

2,2-Dichloropropane

Concen: 53.414 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN085928.D

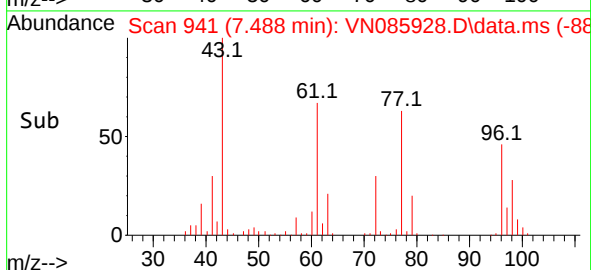
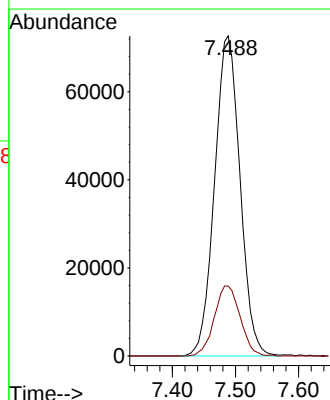
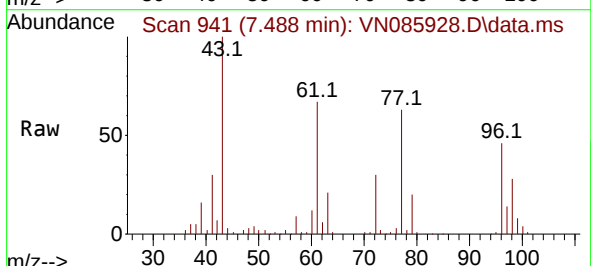
Acq: 11 Mar 2025 13:22

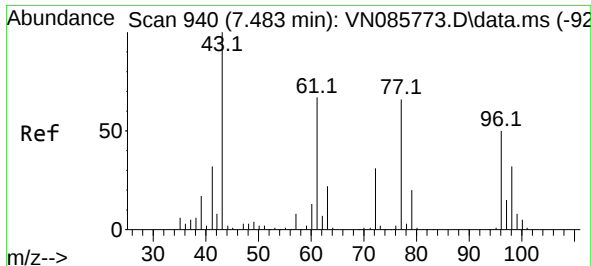
Tgt Ion: 77 Resp: 203466

Ion Ratio Lower Upper

77 100

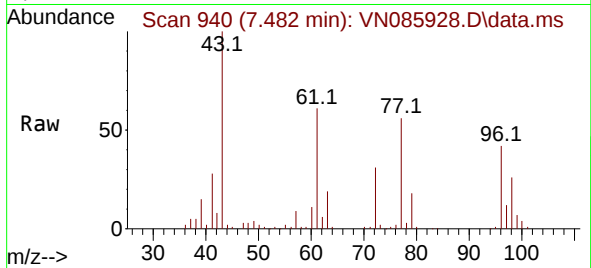
97 22.2 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 52.194 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085928.D
 Acq: 11 Mar 2025 13:22

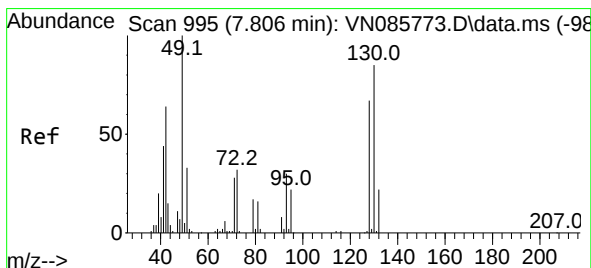
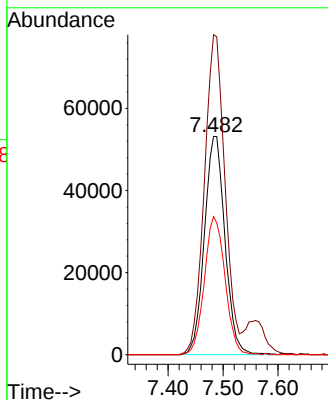
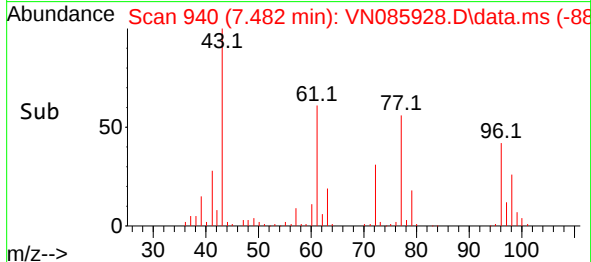
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



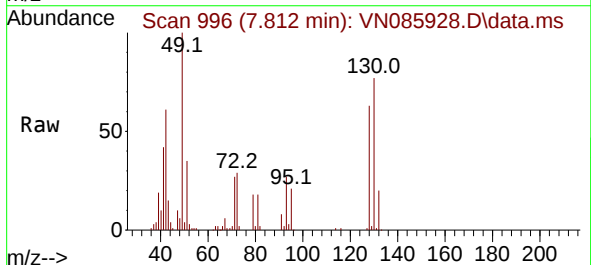
Tgt Ion: 96 Resp: 138418
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 280.6
 98 63.5 0.0 128.6

Manual Integrations
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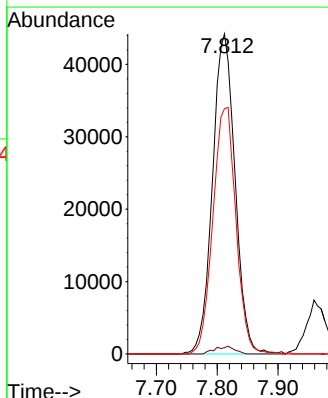
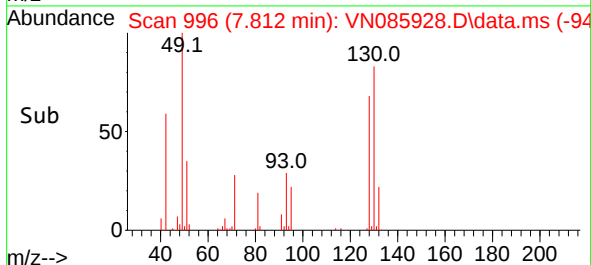
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#28
 Bromochloromethane
 Concen: 64.588 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085928.D
 Acq: 11 Mar 2025 13:22



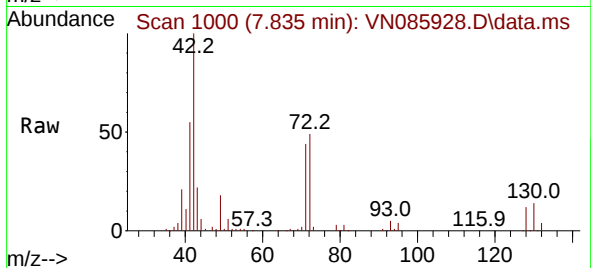
Tgt Ion: 49 Resp: 113720
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 78.7 68.0 102.0





#29
Tetrahydrofuran
Concen: 291.733 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

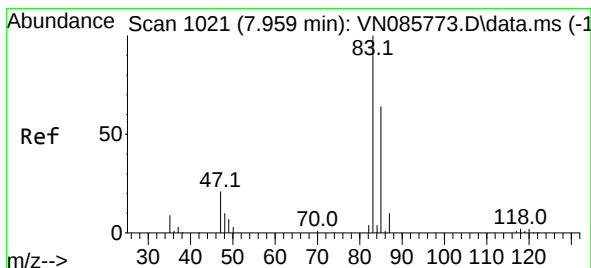
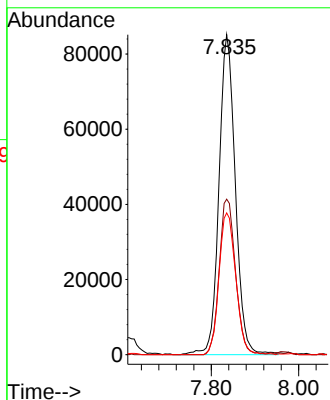
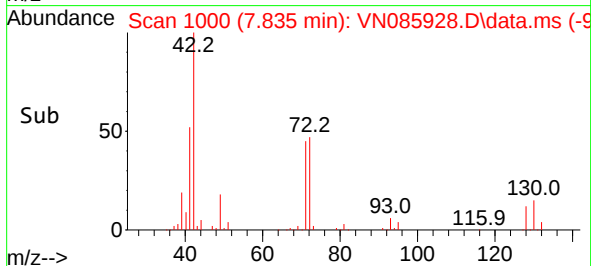
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 22022
Ion Ratio Lower Upper
42 100
72 48.5 40.0 60.0
71 45.4 37.0 55.4

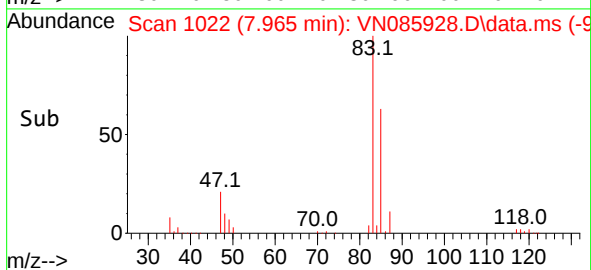
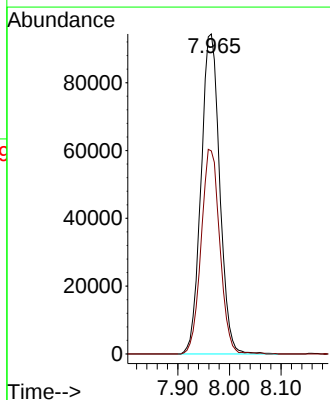
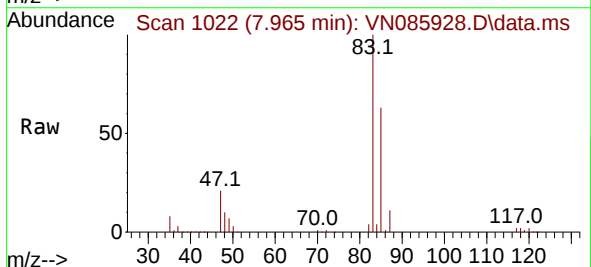
Manual Integrations
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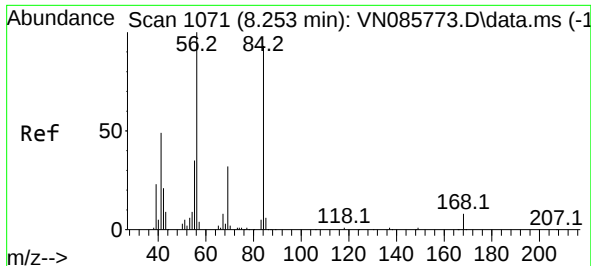
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#30
Chloroform
Concen: 52.815 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

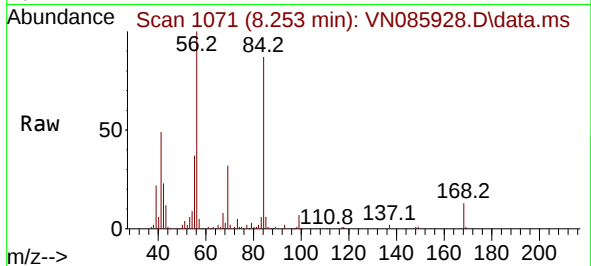
Tgt Ion: 83 Resp: 236440
Ion Ratio Lower Upper
83 100
85 63.4 50.9 76.3





#31
Cyclohexane
Concen: 55.780 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

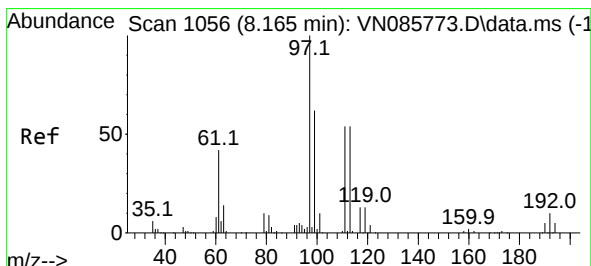
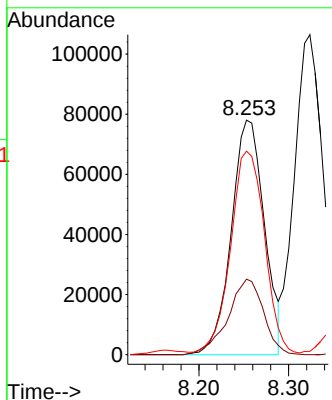
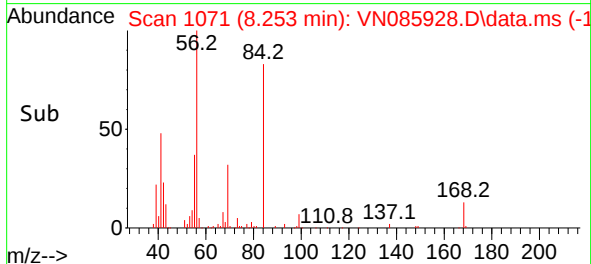
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



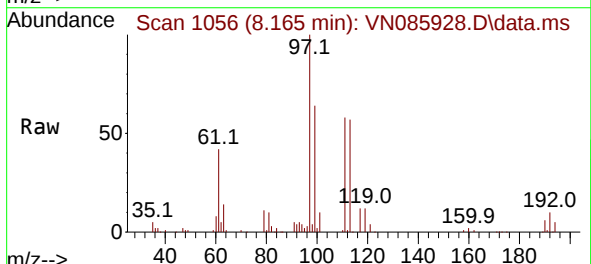
Tgt Ion: 56 Resp: 200072
Ion Ratio Lower Upper
56 100
69 32.2 25.8 38.6
84 85.4 74.5 111.7

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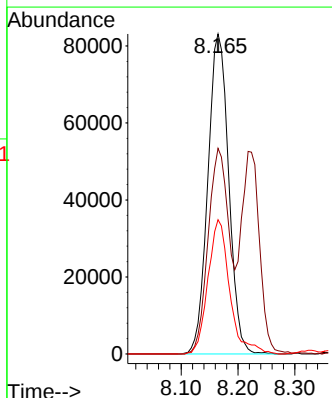
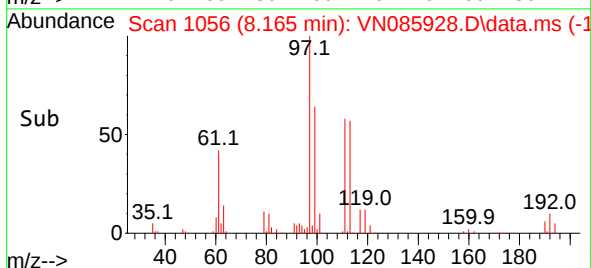
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#32
1,1,1-Trichloroethane
Concen: 53.194 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



Tgt Ion: 97 Resp: 211810
Ion Ratio Lower Upper
97 100
99 64.6 50.4 75.6
61 43.7 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 55.421 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085928.D

Acq: 11 Mar 2025 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 13917

Ion Ratio Lower Upper

65 100

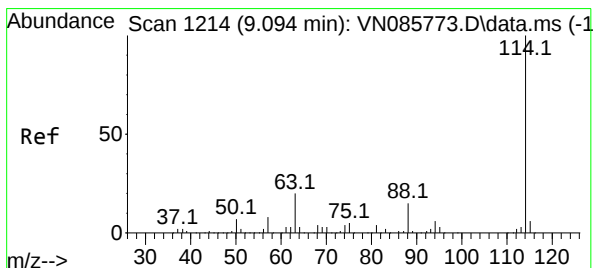
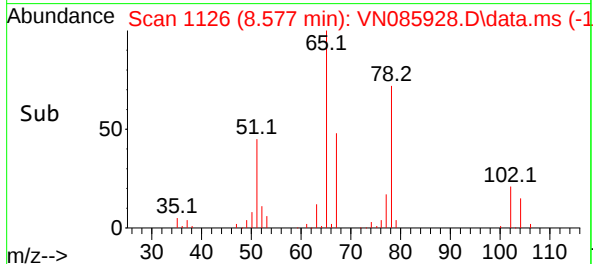
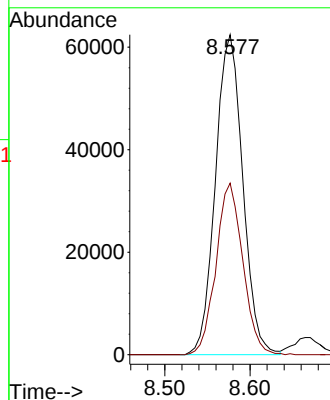
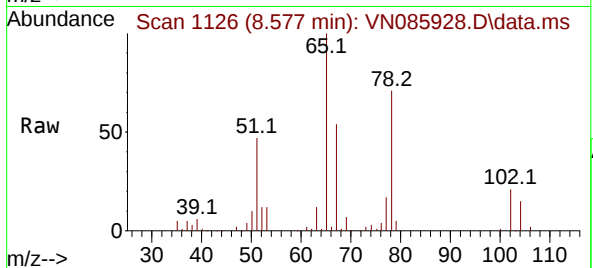
67 52.6 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085928.D

Acq: 11 Mar 2025 13:22

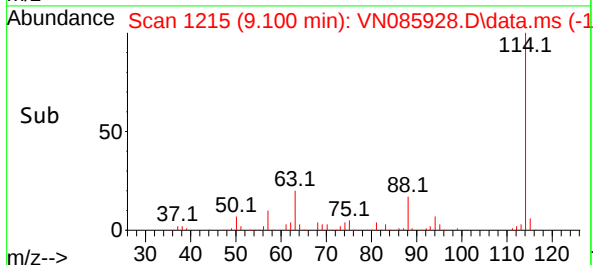
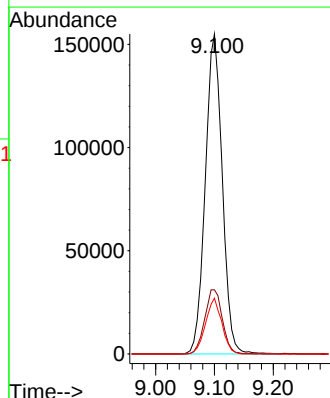
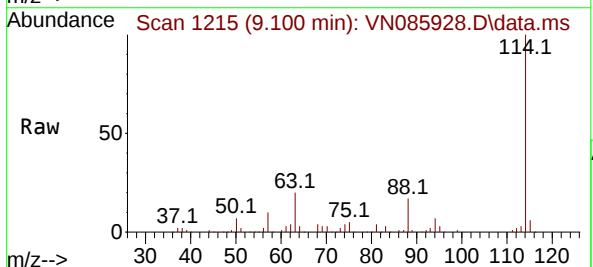
Tgt Ion:114 Resp: 310218

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

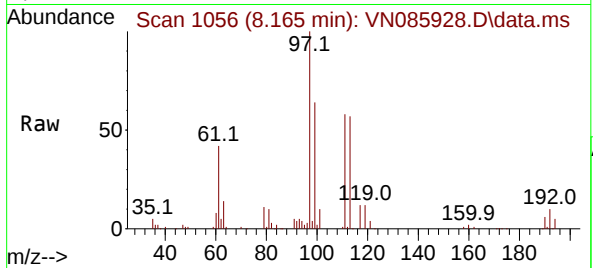
88 17.4 0.0 30.0





#35
Dibromofluoromethane
Concen: 56.081 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

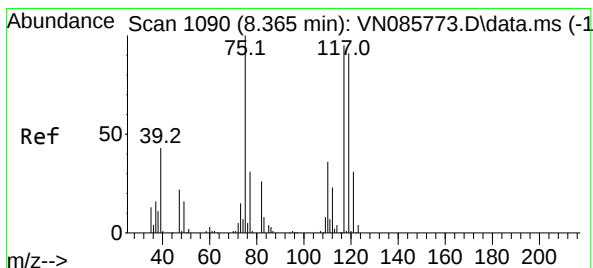
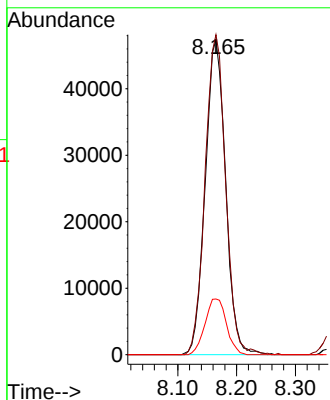
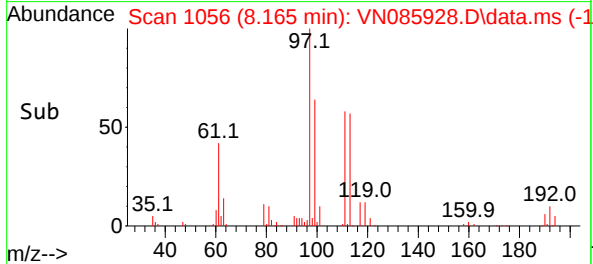
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 113839
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 18.6 14.7 22.1

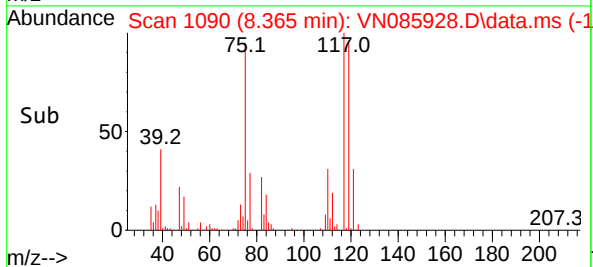
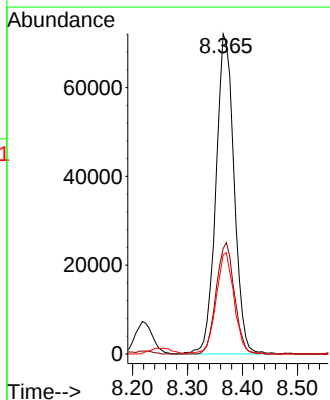
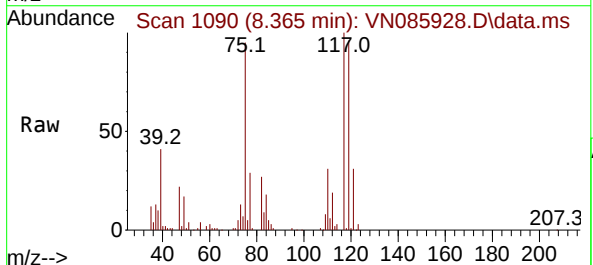
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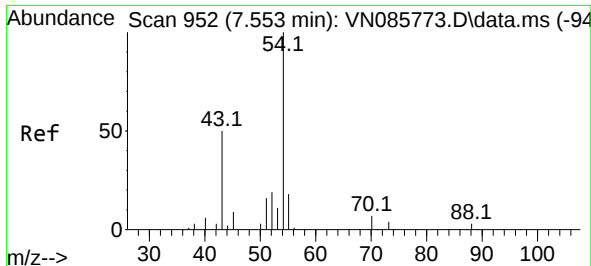
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#36
1,1-Dichloropropene
Concen: 57.708 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

Tgt Ion: 75 Resp: 165790
Ion Ratio Lower Upper
75 100
110 34.9 17.3 52.0
77 31.5 24.6 37.0





#37

Ethyl Acetate

Concen: 56.682 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085928.D

Acq: 11 Mar 2025 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 134008

Ion Ratio Lower Upper

43 100

61 15.1 12.2 18.2

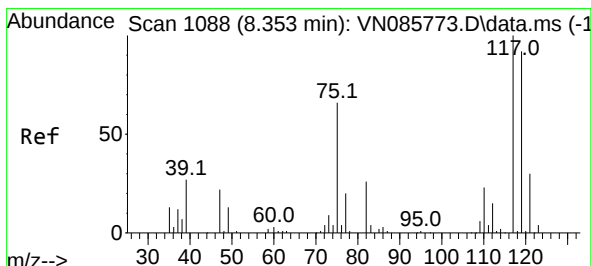
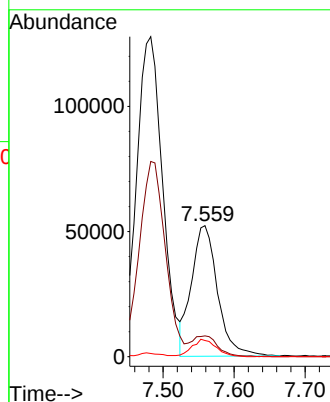
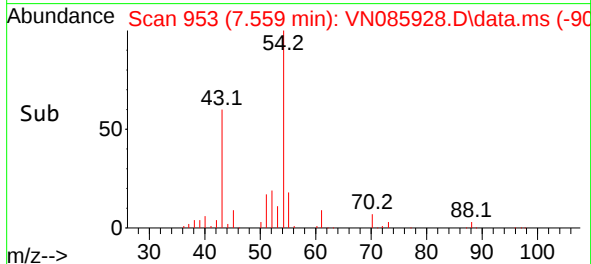
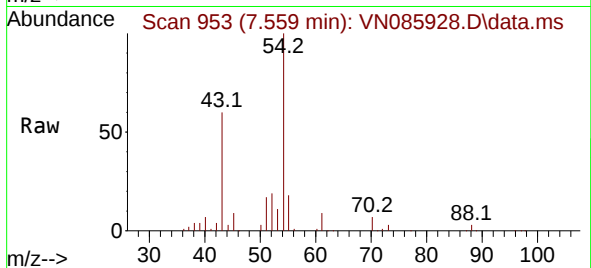
70 12.4 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#38

Carbon Tetrachloride

Concen: 56.814 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN085928.D

Acq: 11 Mar 2025 13:22

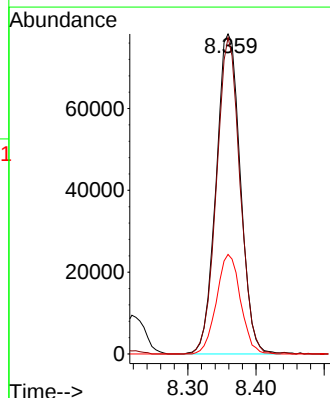
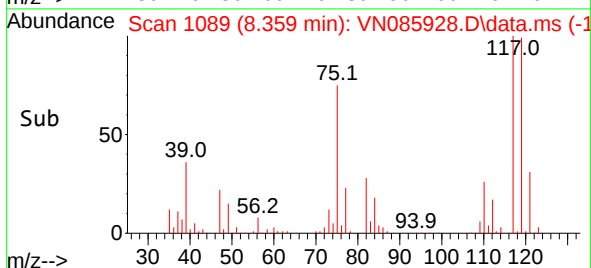
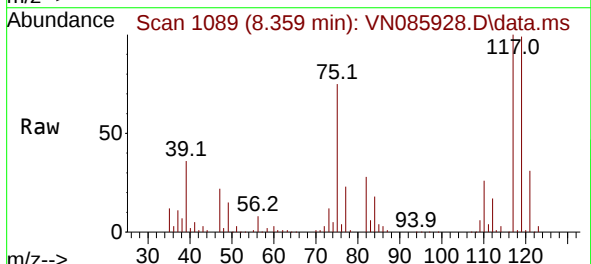
Tgt Ion:117 Resp: 193937

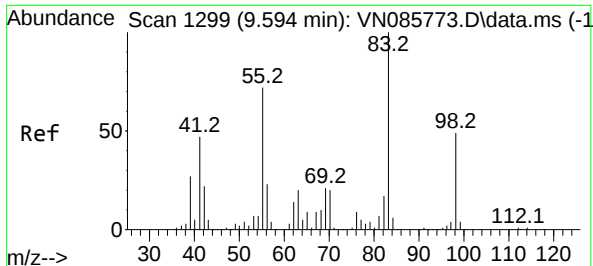
Ion Ratio Lower Upper

117 100

119 98.9 73.8 110.6

121 31.1 24.3 36.5





#39

Methylcyclohexane

Concen: 61.866 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.006 min

Lab File: VN085928.D

Acq: 11 Mar 2025 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 174600

Ion Ratio Lower Upper

83 100

55 76.7 57.5 86.3

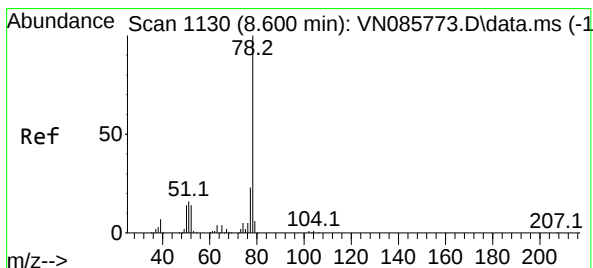
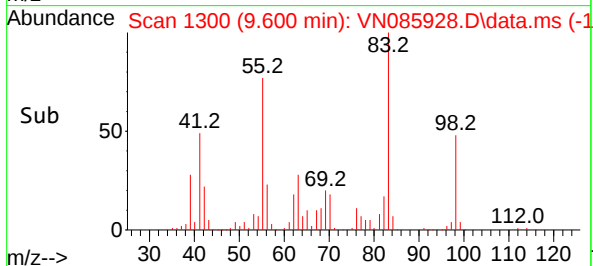
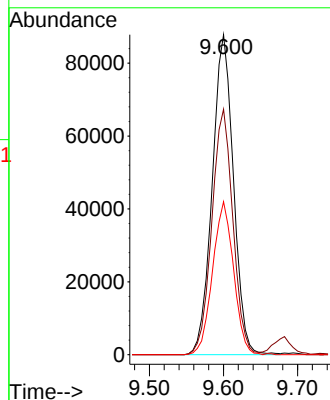
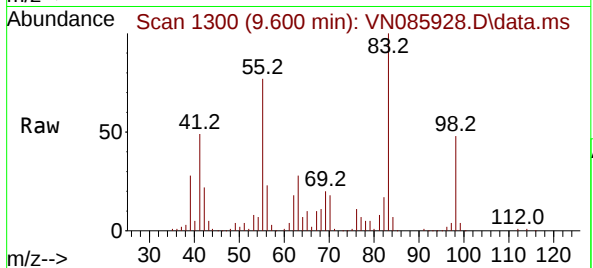
98 47.8 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#40

Benzene

Concen: 56.244 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085928.D

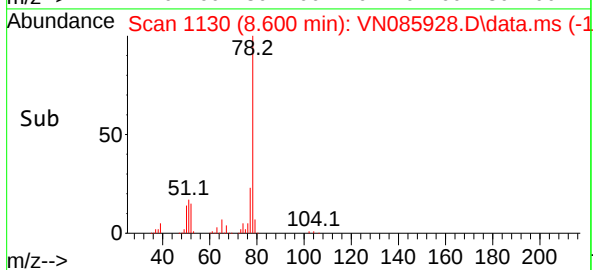
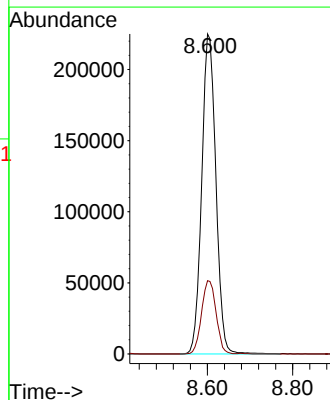
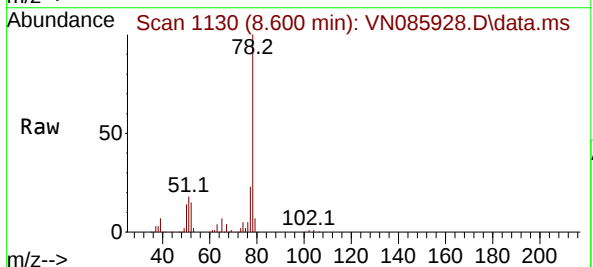
Acq: 11 Mar 2025 13:22

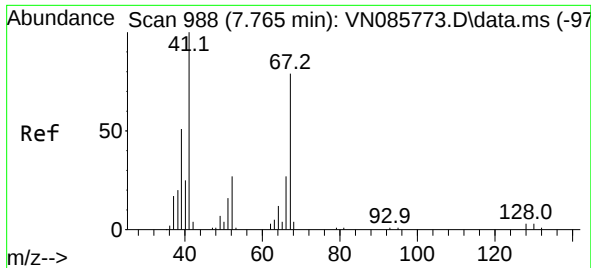
Tgt Ion: 78 Resp: 517879

Ion Ratio Lower Upper

78 100

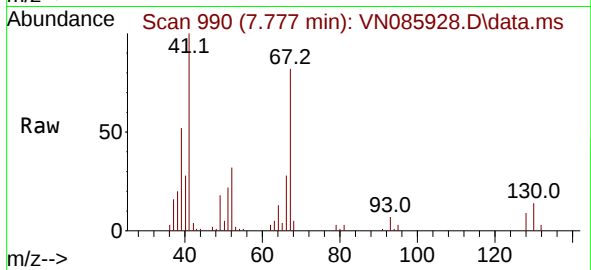
77 22.9 18.3 27.5





#41
Methacrylonitrile
Concen: 59.941 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

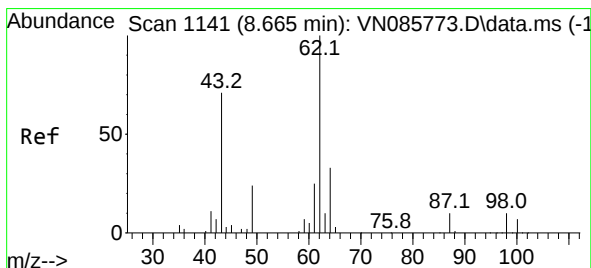
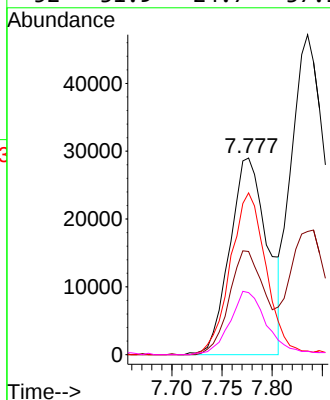
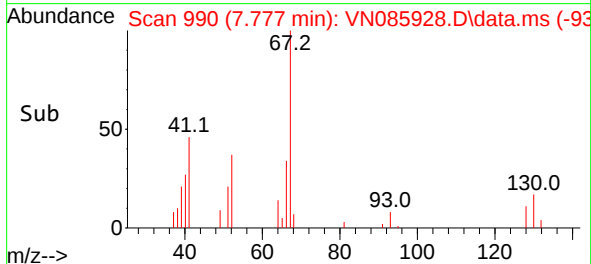
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 7575
Ion Ratio Lower Upper
41 100
39 48.5 42.0 63.0
67 79.1 64.2 96.4
52 31.9 24.7 37.1

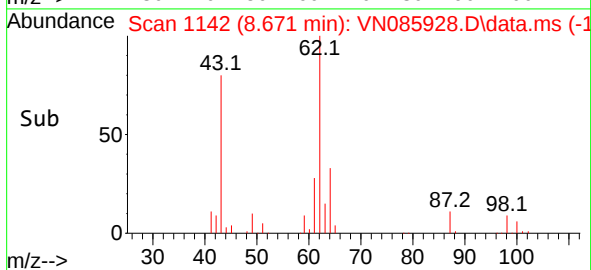
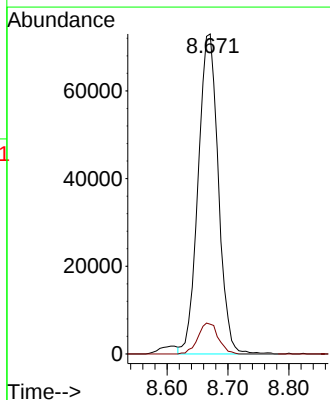
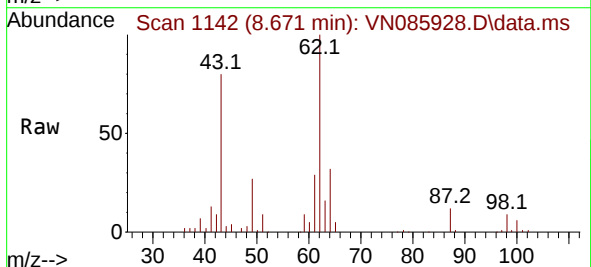
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#42
1,2-Dichloroethane
Concen: 55.998 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

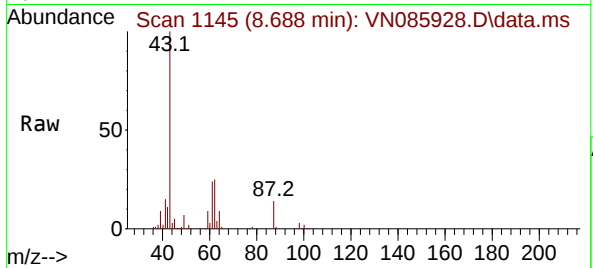
Tgt Ion: 62 Resp: 167949
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.6





#43
Isopropyl Acetate
Concen: 55.431 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

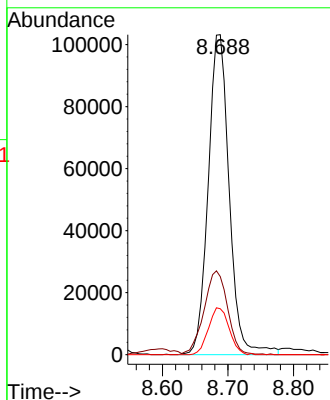
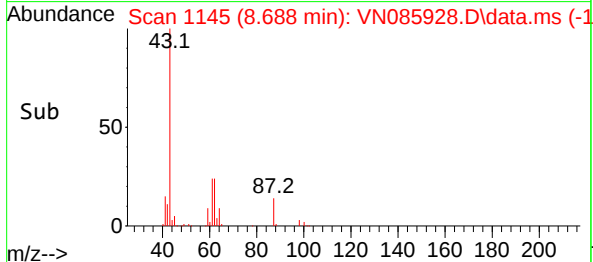
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 22974
Ion Ratio Lower Upper
43 100
61 29.4 22.6 34.0
87 14.4 11.8 17.8

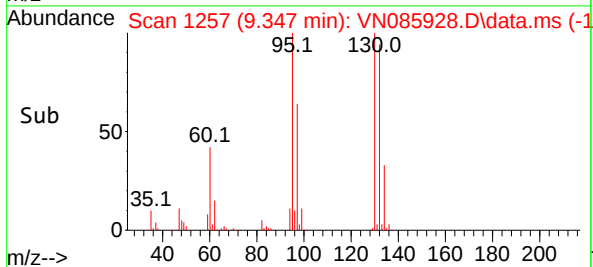
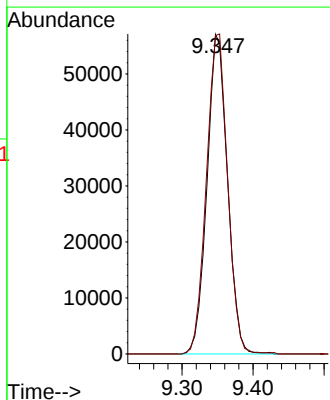
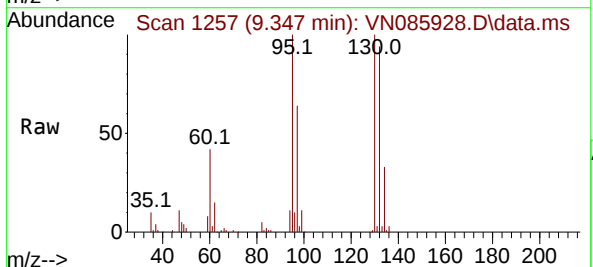
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#44
Trichloroethene
Concen: 50.566 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

Tgt Ion:130 Resp: 114319
Ion Ratio Lower Upper
130 100
95 99.6 0.0 202.6





#45

1,2-Dichloropropane

Concen: 56.656 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085928.D

Acq: 11 Mar 2025 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 12592

Ion Ratio Lower Upper

63 100

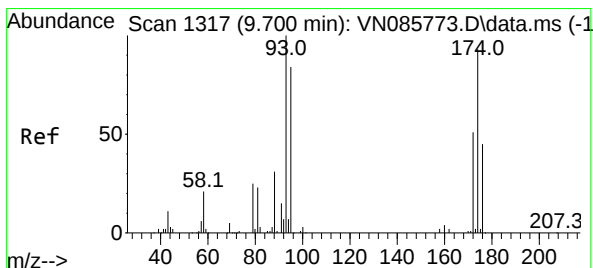
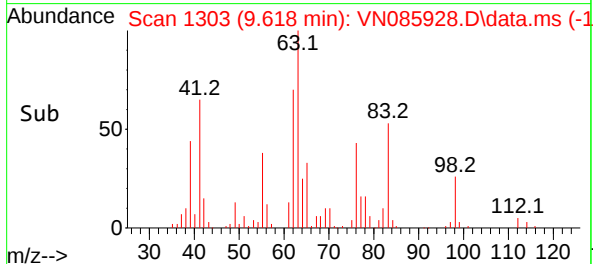
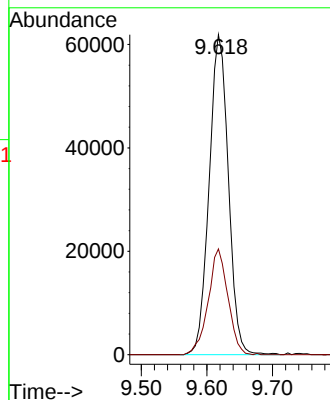
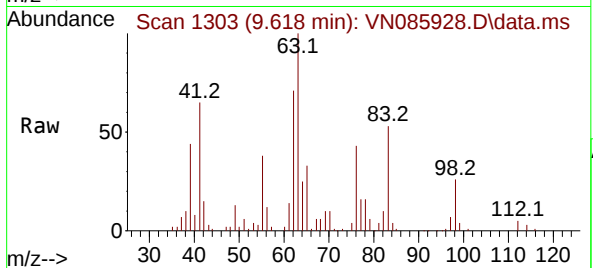
65 33.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#46

Dibromomethane

Concen: 55.583 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085928.D

Acq: 11 Mar 2025 13:22

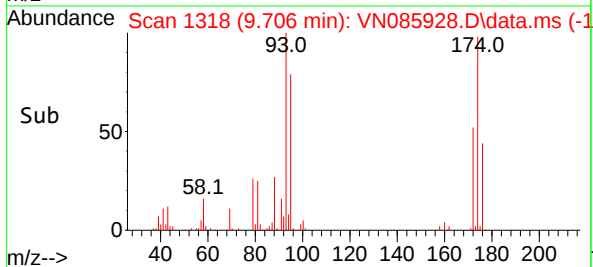
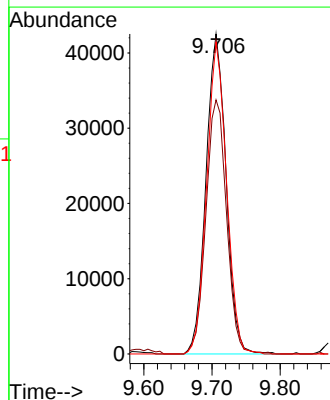
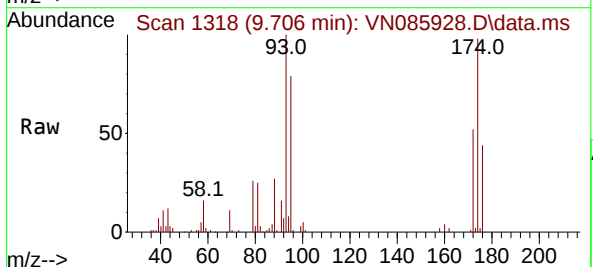
Tgt Ion: 93 Resp: 87140

Ion Ratio Lower Upper

93 100

95 81.8 66.7 100.1

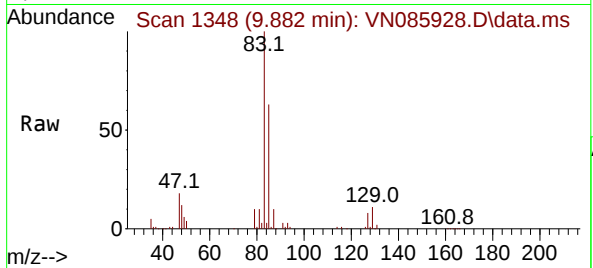
174 96.3 77.2 115.8





#47
Bromodichloromethane
Concen: 54.952 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

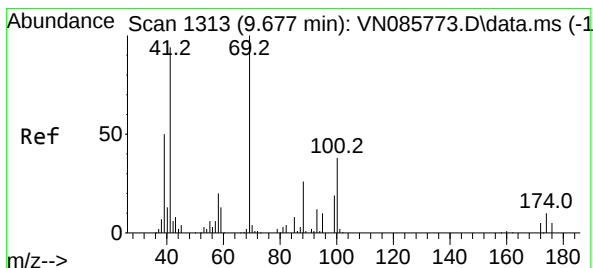
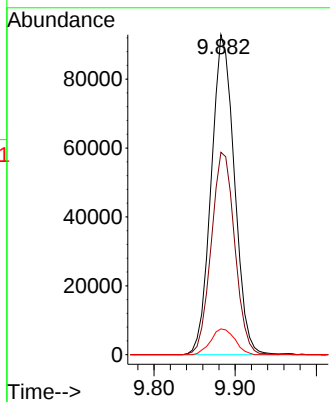
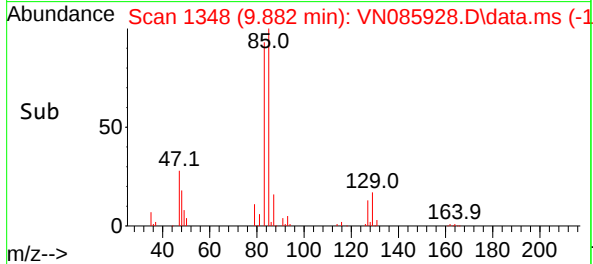
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



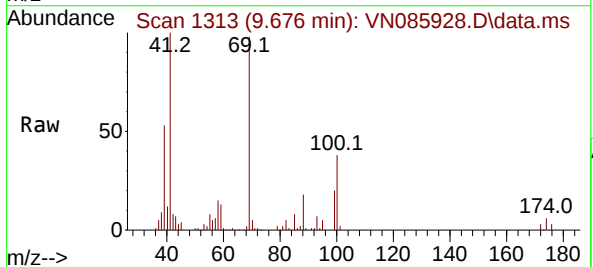
Tgt Ion: 83 Resp: 184314
Ion Ratio Lower Upper
83 100
85 63.2 50.5 75.7
127 8.1 7.2 10.8

Manual Integrations
APPROVED

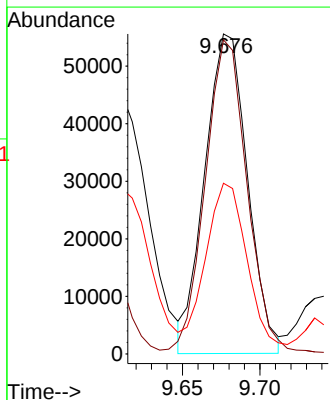
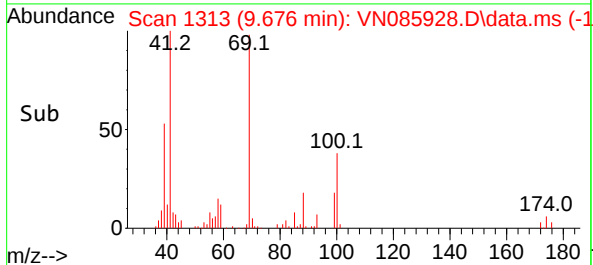
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

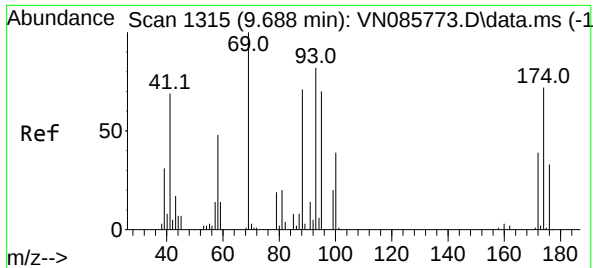


#48
Methyl methacrylate
Concen: 60.625 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



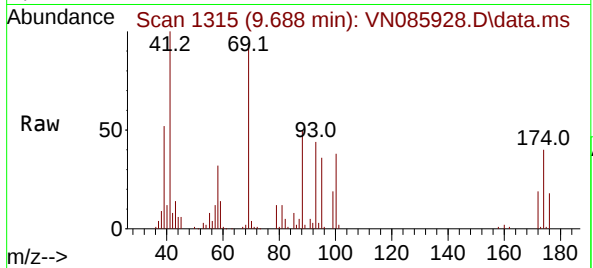
Tgt Ion: 41 Resp: 106445
Ion Ratio Lower Upper
41 100
69 97.2 76.0 114.0
39 53.3 42.3 63.5





#49
1,4-Dioxane
Concen: 1229.394 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

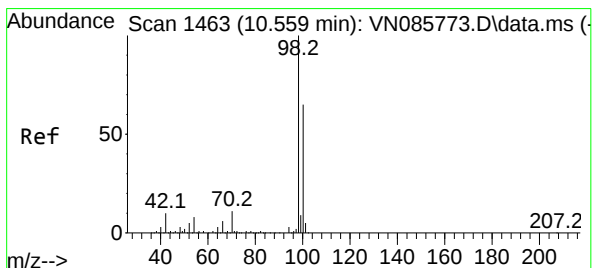
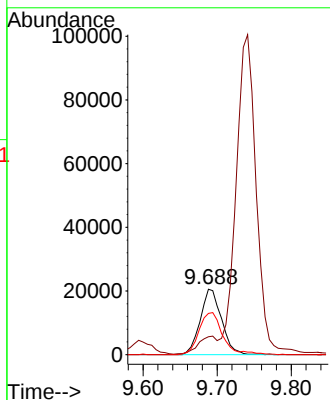
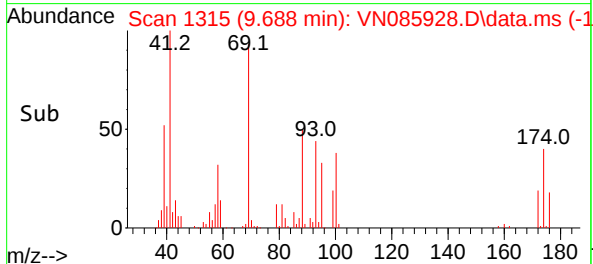
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



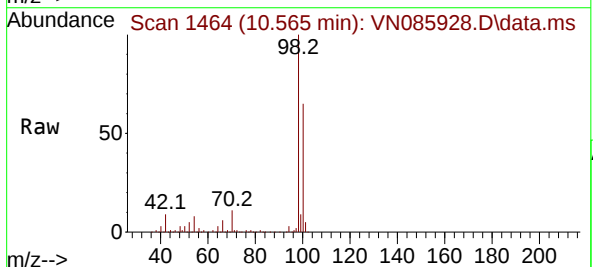
Tgt Ion: 88 Resp: 41048
Ion Ratio Lower Upper
88 100
43 24.1 18.6 27.8
58 72.1 56.7 85.1

Manual Integrations
APPROVED

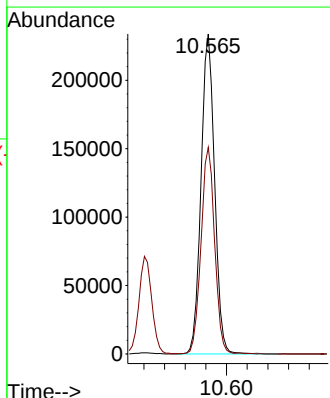
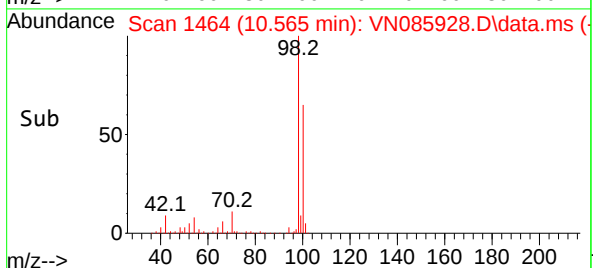
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

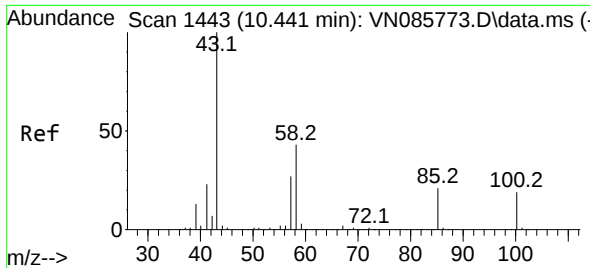


#50
Toluene-d8
Concen: 57.501 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



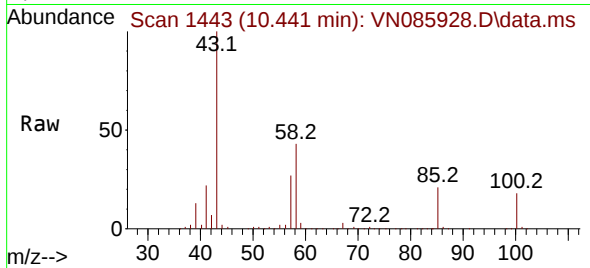
Tgt Ion: 98 Resp: 424670
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 305.744 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

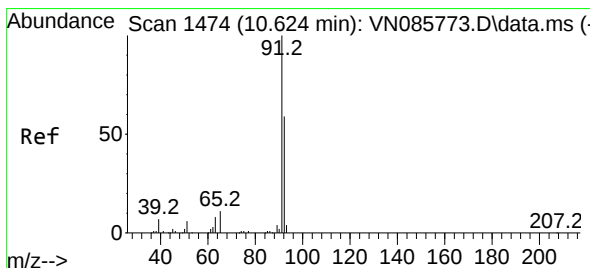
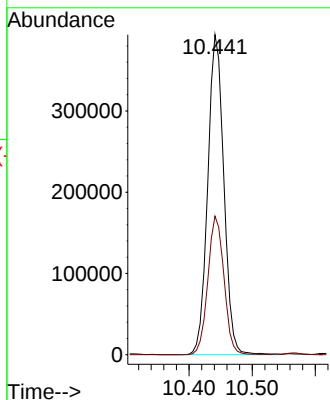
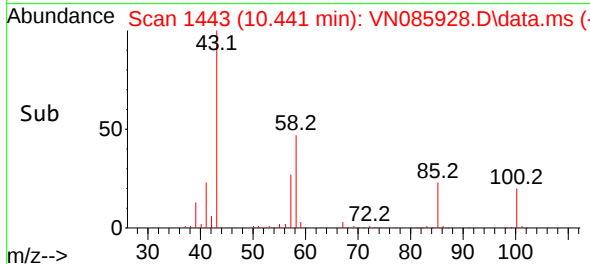
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



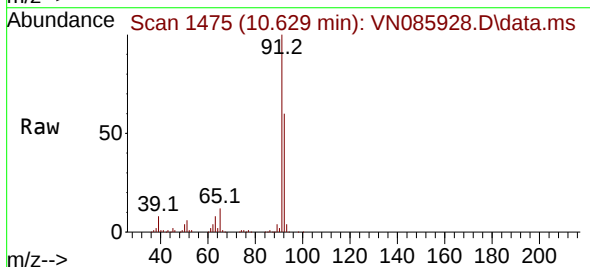
Tgt Ion: 43 Resp: 696920
Ion Ratio Lower Upper
43 100
58 43.4 34.6 52.0

Manual Integrations
APPROVED

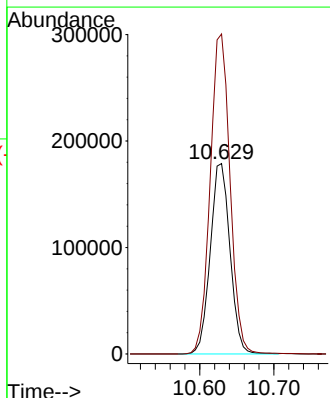
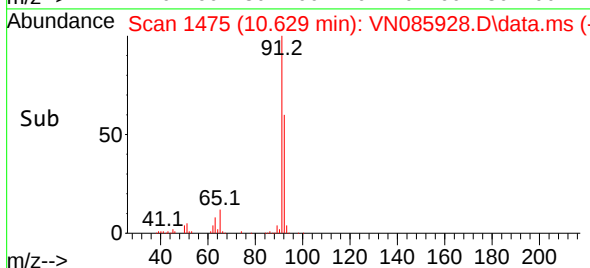
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#52
Toluene
Concen: 61.214 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



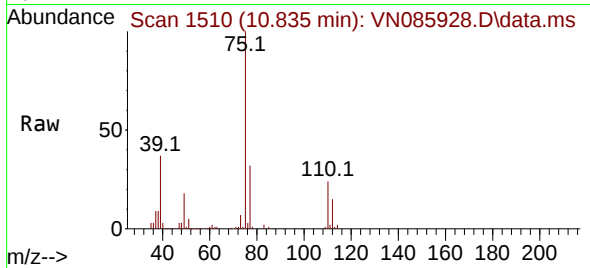
Tgt Ion: 92 Resp: 330401
Ion Ratio Lower Upper
92 100
91 169.4 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 60.485 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

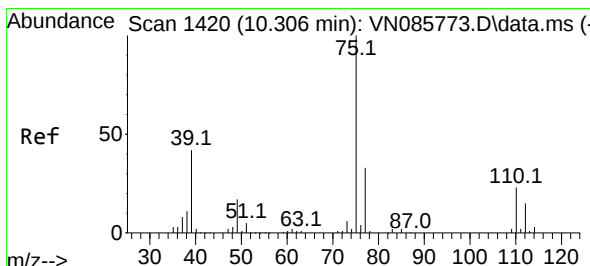
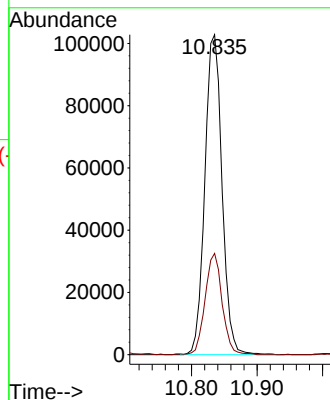
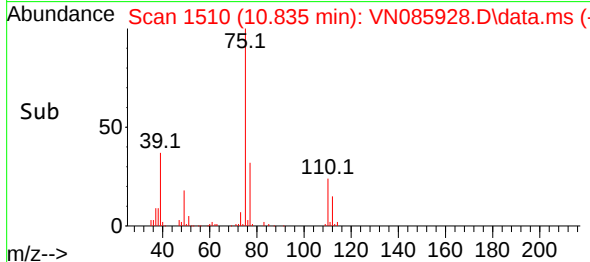
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 18759
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

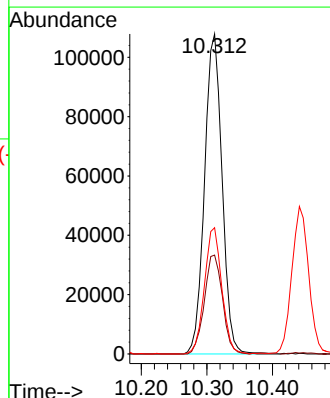
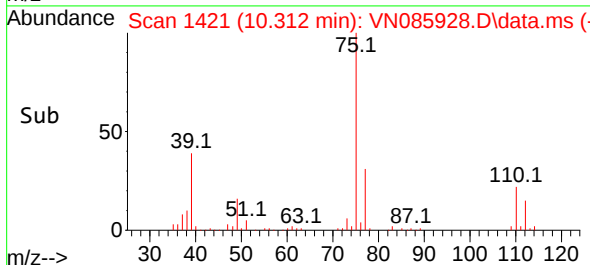
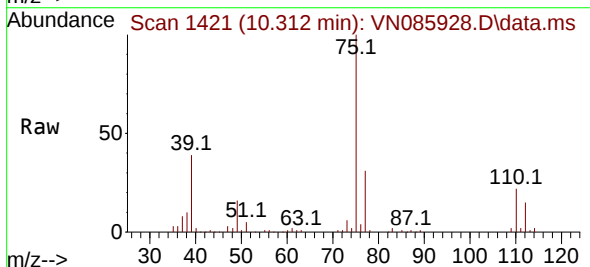
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#54
cis-1,3-Dichloropropene
Concen: 59.087 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

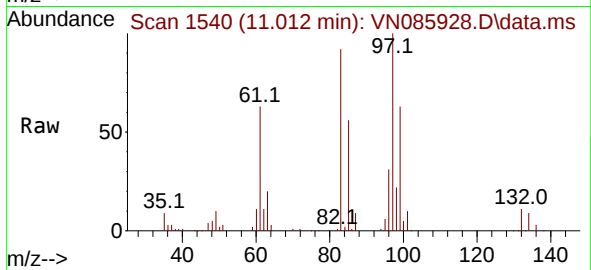
Tgt Ion: 75 Resp: 200954
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
39 39.5 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 54.621 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

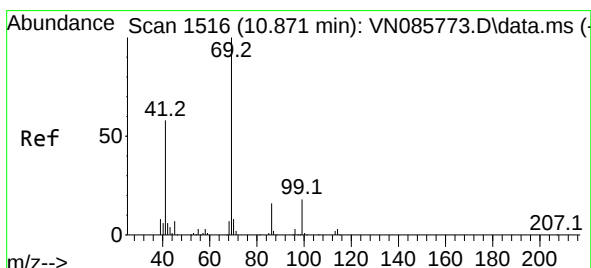
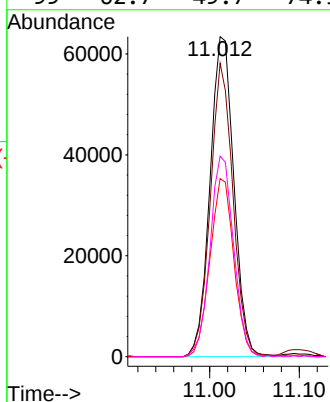
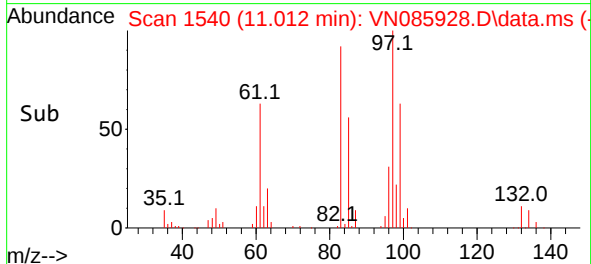


Tgt Ion: 97 Resp: 117210

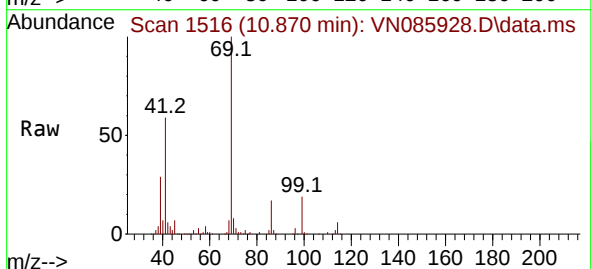
Ion	Ratio	Lower	Upper
97	100		
83	91.7	66.1	99.1
85	55.6	44.7	67.1
99	62.7	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

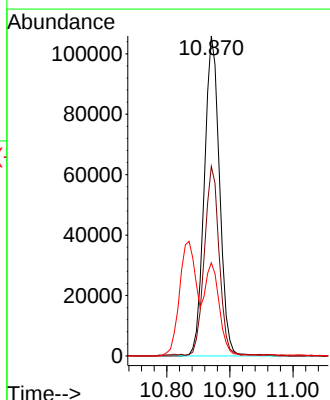
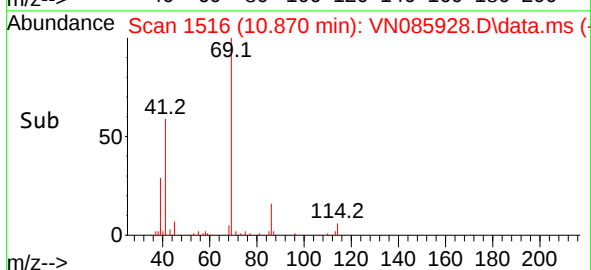


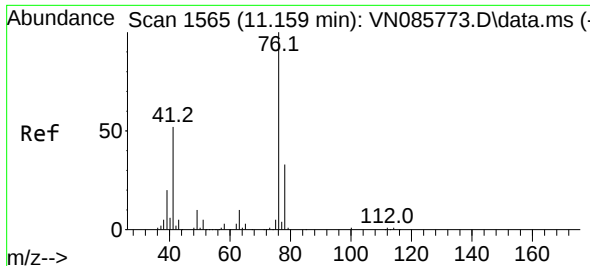
#56
Ethyl methacrylate
Concen: 56.615 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



Tgt Ion: 69 Resp: 177513

Ion	Ratio	Lower	Upper
69	100		
41	56.8	46.0	69.0
39	27.7	22.0	33.0





#57

1,3-Dichloropropane

Concen: 56.791 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085928.D

Acq: 11 Mar 2025 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 20344

Ion Ratio Lower Upper

76 100

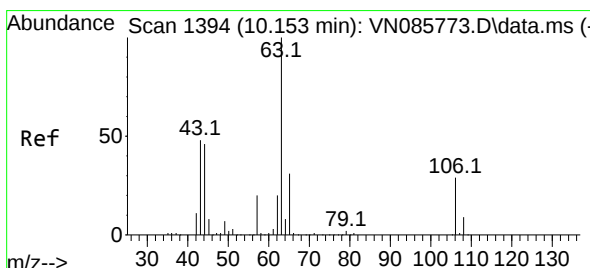
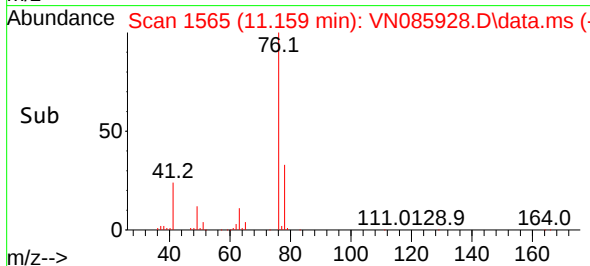
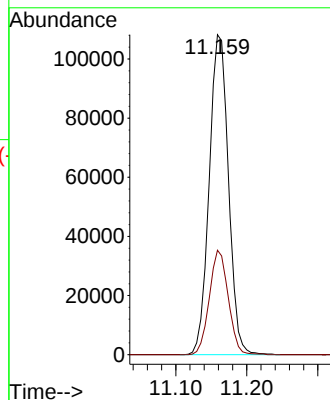
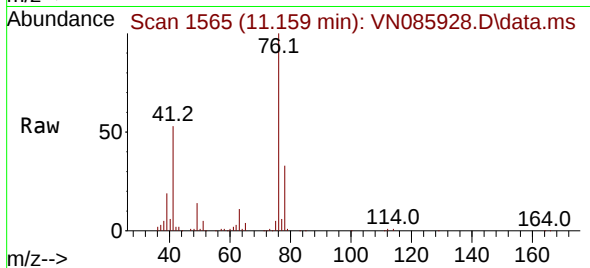
78 32.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 238.868 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085928.D

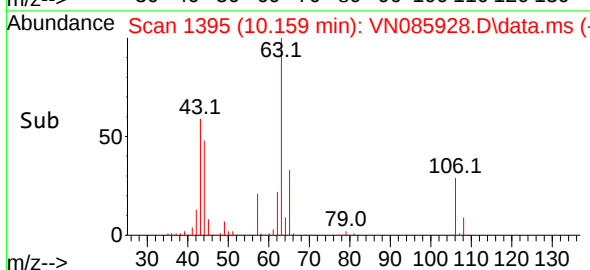
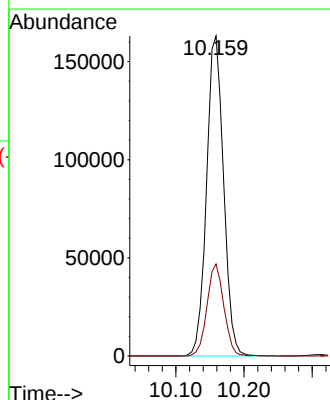
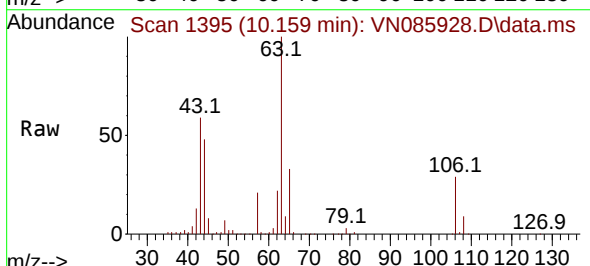
Acq: 11 Mar 2025 13:22

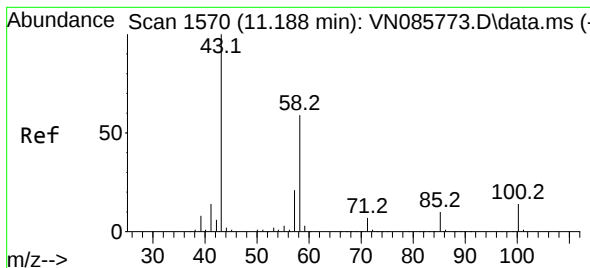
Tgt Ion: 63 Resp: 282710

Ion Ratio Lower Upper

63 100

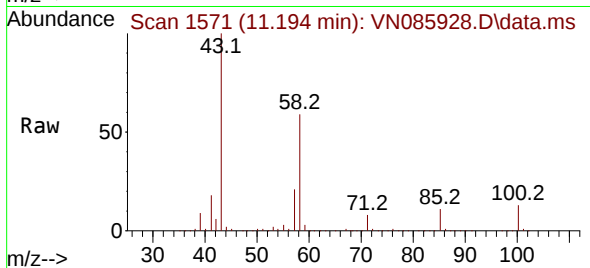
106 28.4 22.7 34.1





#59
2-Hexanone
Concen: 325.783 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

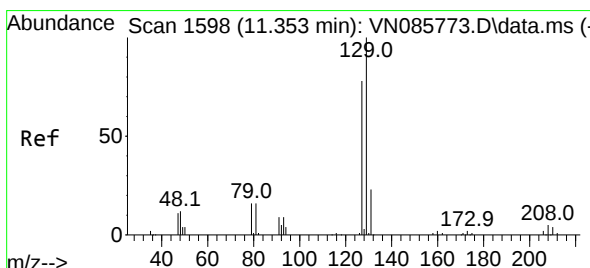
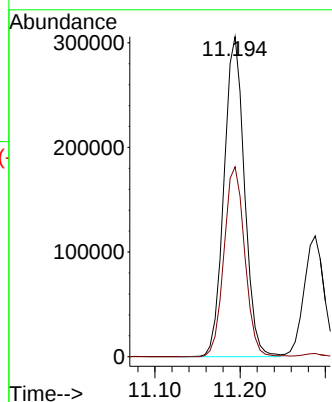
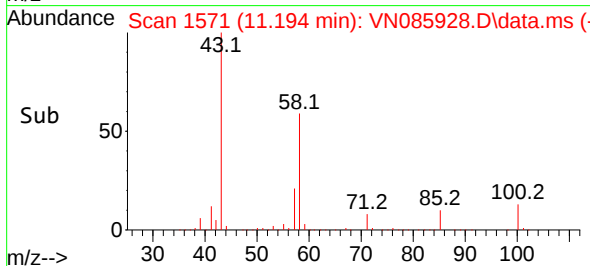
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



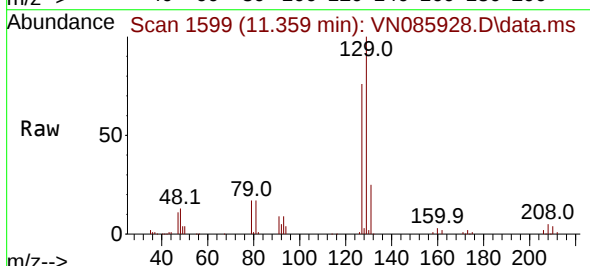
Tgt Ion: 43 Resp: 510860
Ion Ratio Lower Upper
43 100
58 60.2 29.8 89.5

Manual Integrations
APPROVED

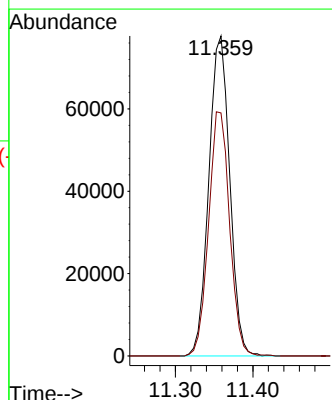
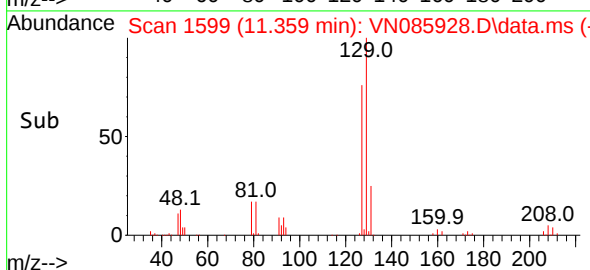
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

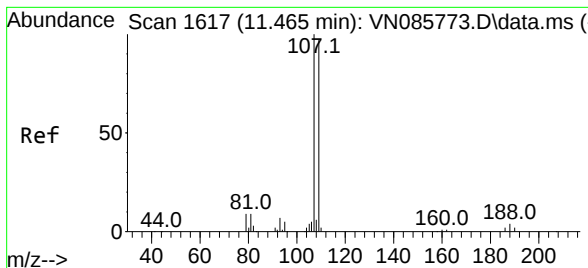


#60
Dibromochloromethane
Concen: 58.241 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



Tgt Ion:129 Resp: 145539
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.5





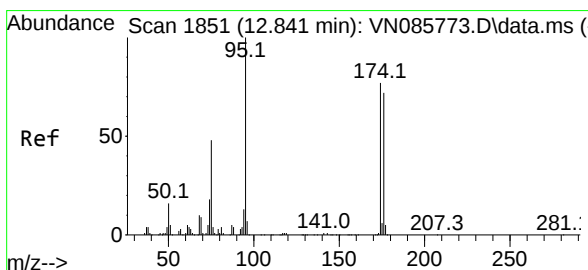
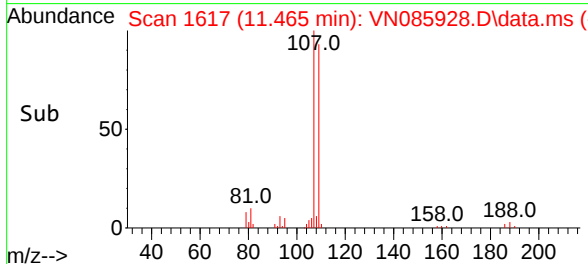
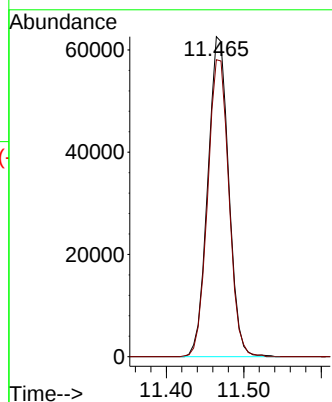
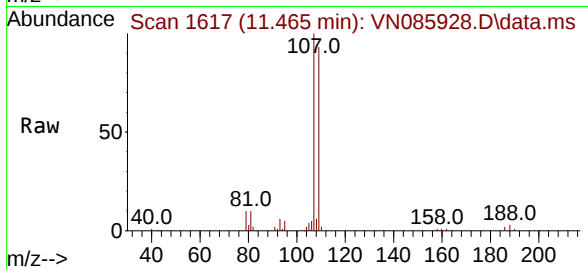
#61
1,2-Dibromoethane
Concen: 57.968 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 117538
Ion Ratio Lower Upper
107 100
109 94.1 76.0 114.0

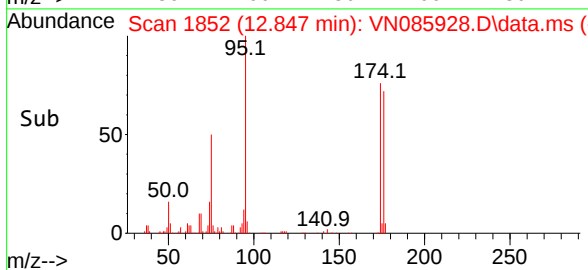
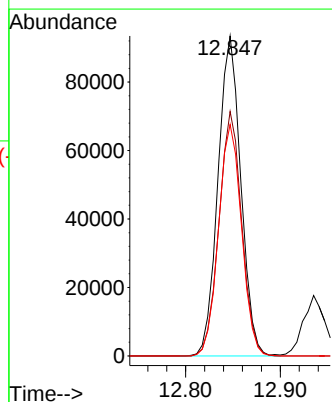
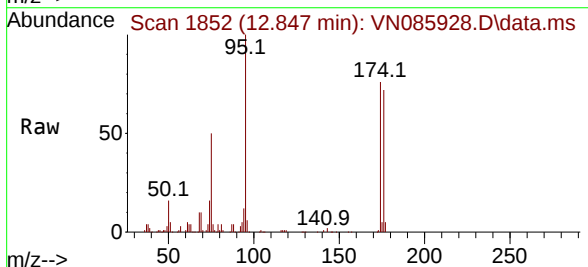
Manual Integrations
APPROVED

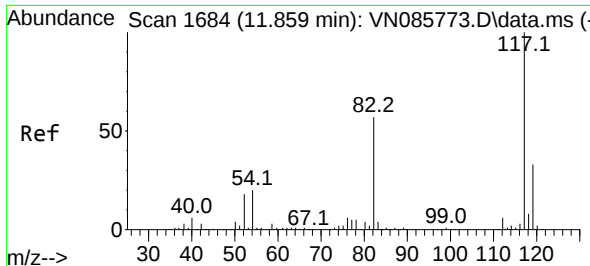
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#62
4-Bromofluorobenzene
Concen: 64.447 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

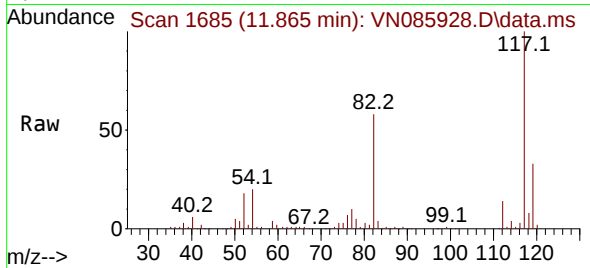
Tgt Ion: 95 Resp: 156821
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.4
176 72.7 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

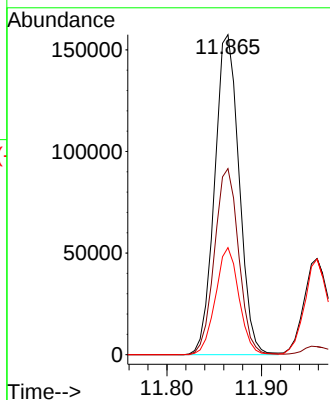
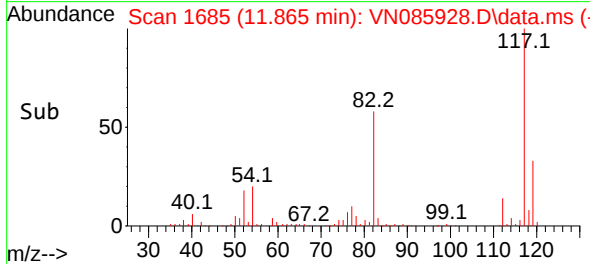
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



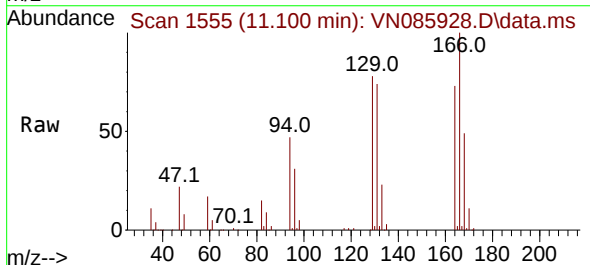
Tgt Ion:117 Resp: 28325
Ion Ratio Lower Upper
117 100
82 58.2 45.7 68.5
119 33.5 26.2 39.2

Manual Integrations
APPROVED

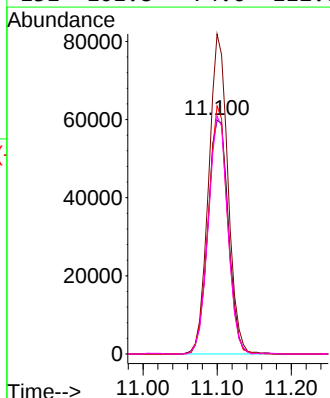
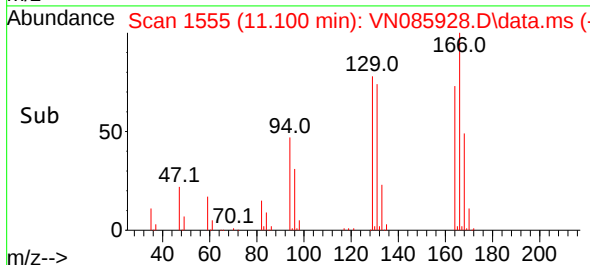
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

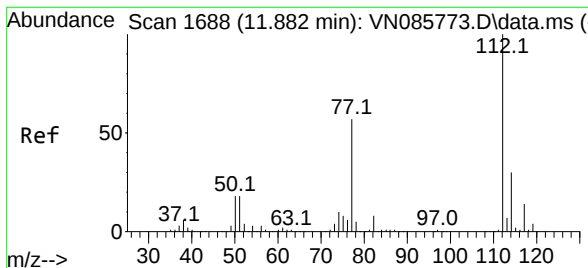


#64
Tetrachloroethene
Concen: 52.336 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



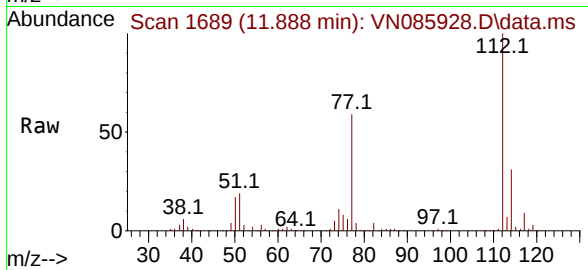
Tgt Ion:164 Resp: 114845
Ion Ratio Lower Upper
164 100
166 136.9 107.2 160.8
129 106.2 80.7 121.1
131 101.8 74.6 112.0





#65
Chlorobenzene
Concen: 52.896 ug/l
RT: 11.888 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

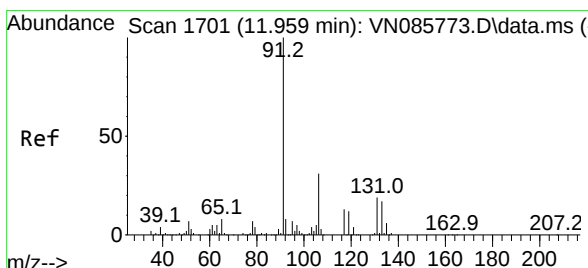
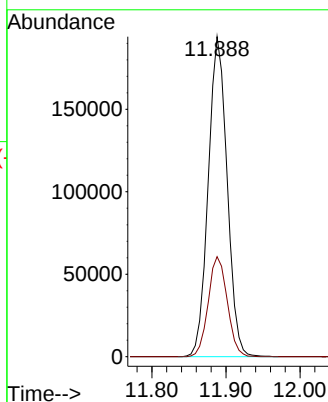
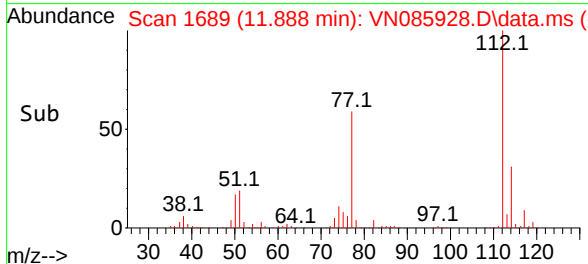
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



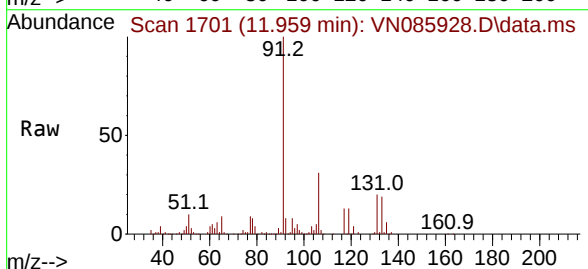
Tgt Ion:112 Resp: 34324
Ion Ratio Lower Upper
112 100
114 31.3 24.3 36.5

Manual Integrations
APPROVED

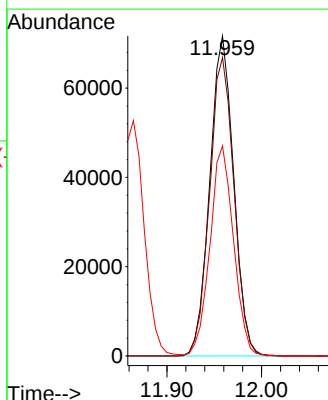
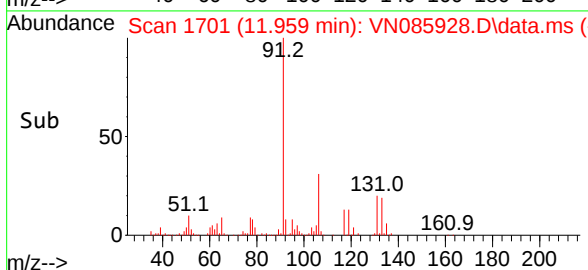
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.877 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



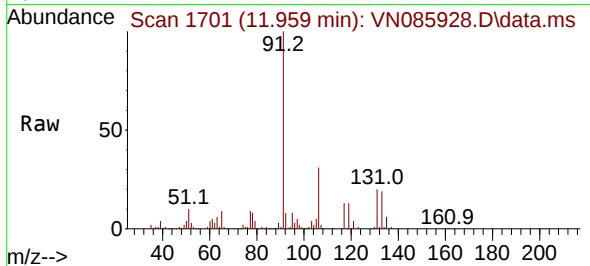
Tgt Ion:131 Resp: 125659
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 64.8 33.3 99.8





#67
Ethyl Benzene
Concen: 60.189 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

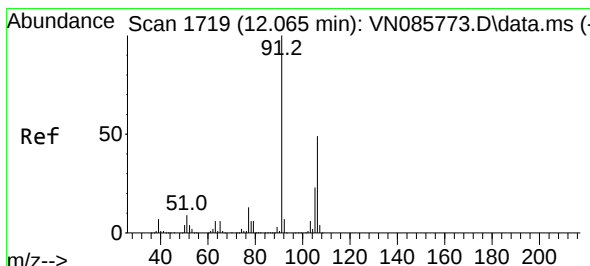
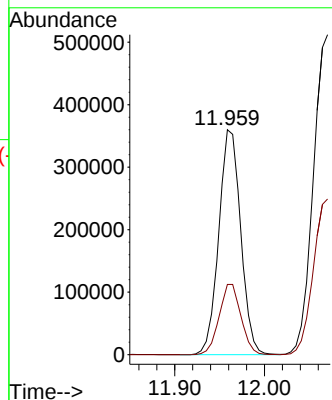
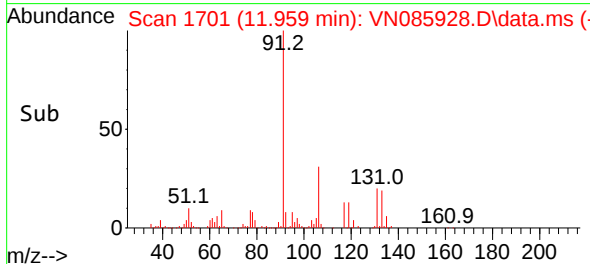
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 611790
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1

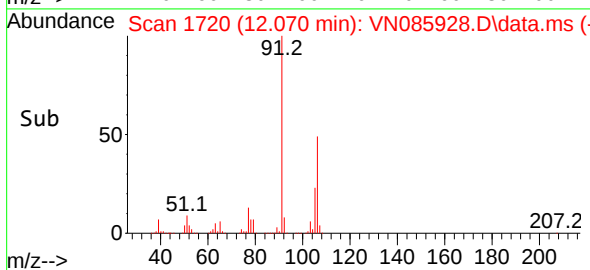
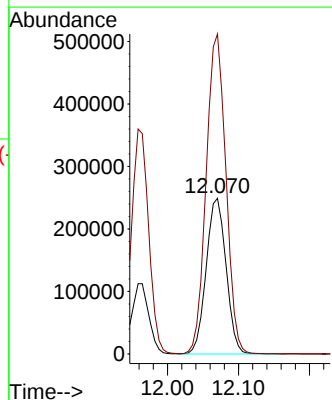
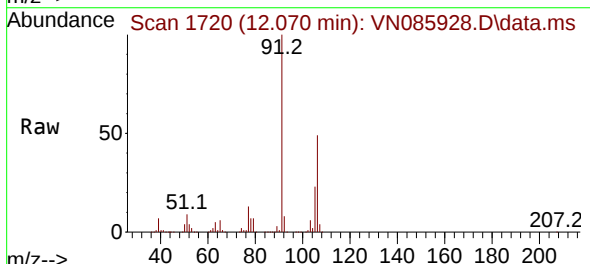
Manual Integrations
APPROVED

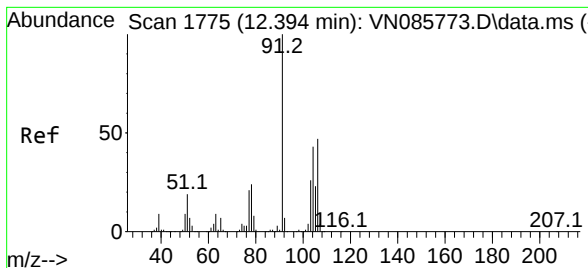
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#68
m/p-Xylenes
Concen: 125.614 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

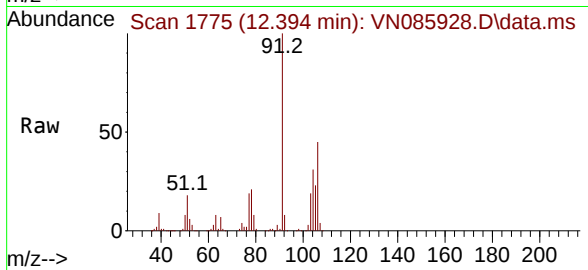
Tgt Ion:106 Resp: 484997
Ion Ratio Lower Upper
106 100
91 203.6 163.3 244.9





#69
o-Xylene
Concen: 60.624 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

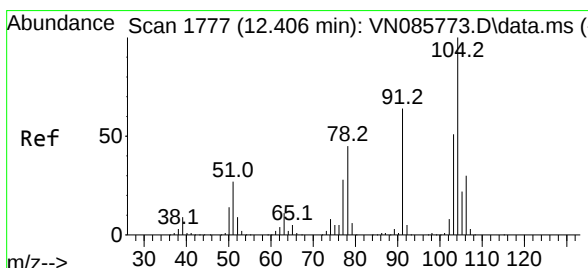
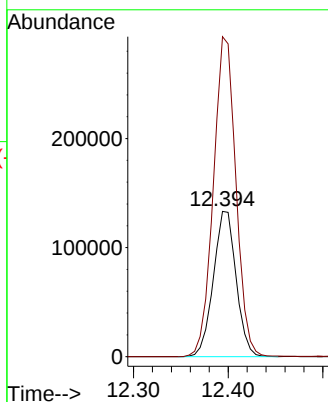
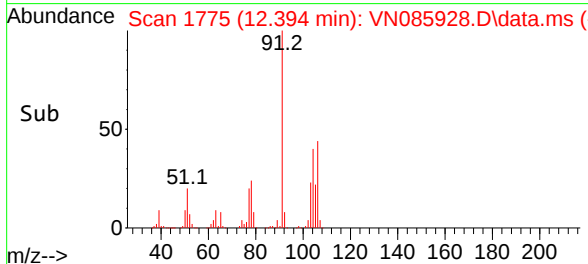
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



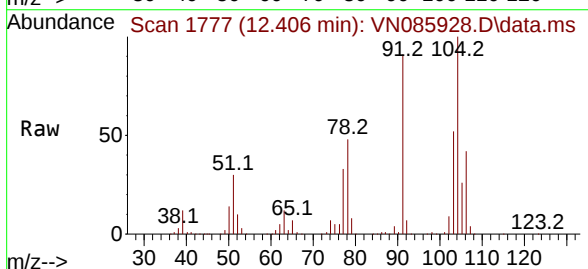
Tgt Ion:106 Resp: 22242
Ion Ratio Lower Upper
106 100
91 218.4 107.1 321.4

Manual Integrations
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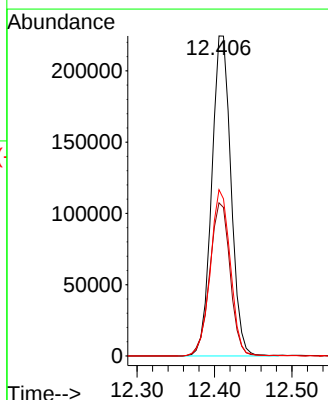
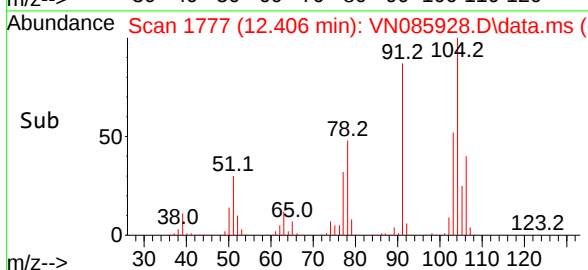
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

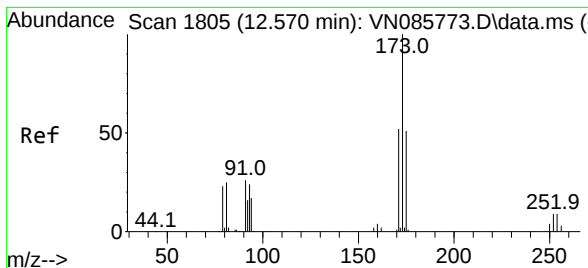


#70
Styrene
Concen: 56.209 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



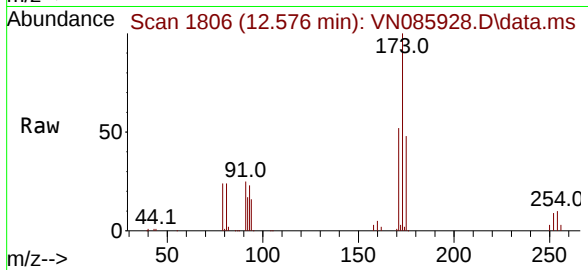
Tgt Ion:104 Resp: 388800
Ion Ratio Lower Upper
104 100
78 50.7 39.0 58.6
103 53.8 43.3 64.9





#71
Bromoform
Concen: 57.178 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

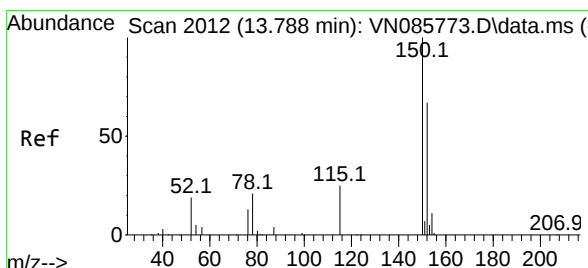
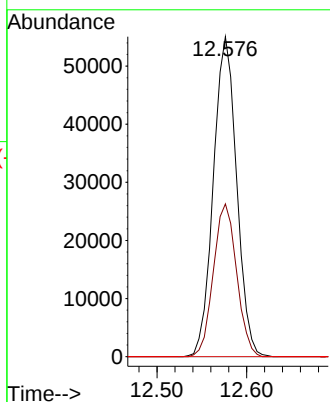
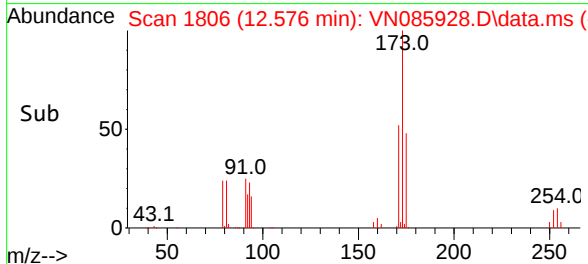
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



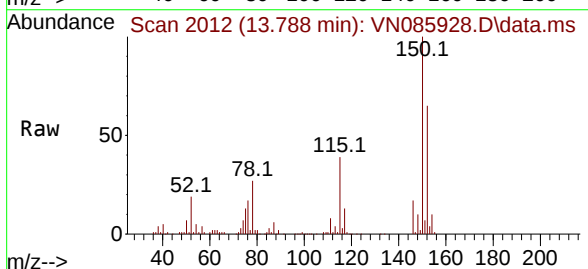
Tgt Ion:173 Resp: 99094
Ion Ratio Lower Upper
173 100
175 47.7 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

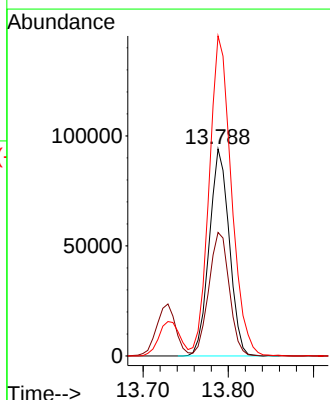
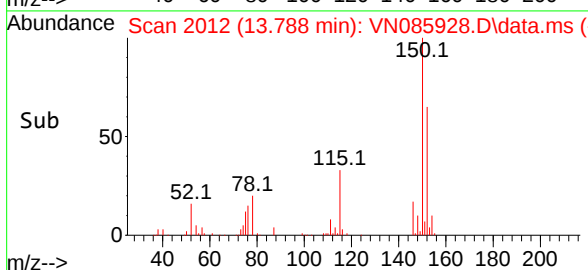
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

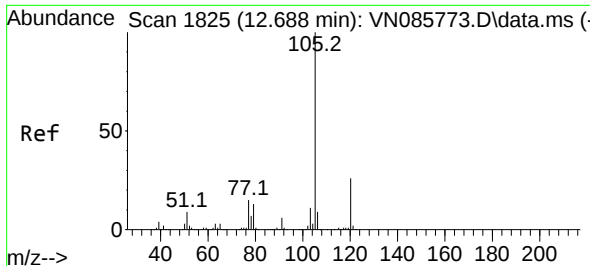


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



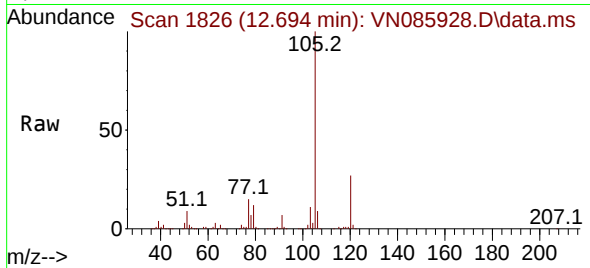
Tgt Ion:152 Resp: 153775
Ion Ratio Lower Upper
152 100
115 61.0 30.4 91.3
150 171.8 0.0 345.4





#73
Isopropylbenzene
Concen: 53.095 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

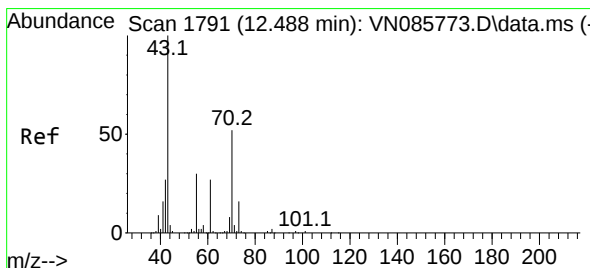
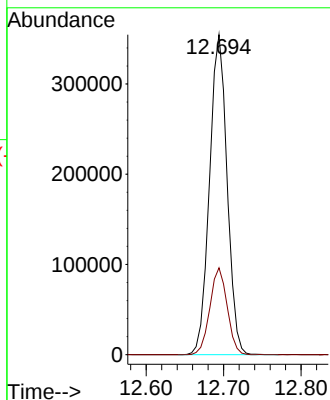
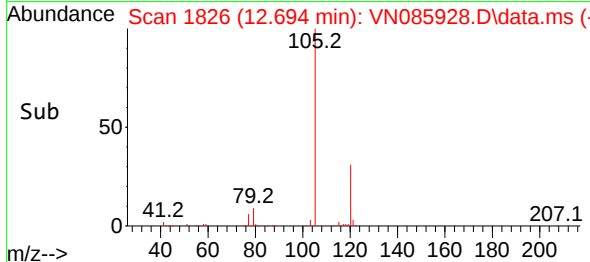
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 559350
Ion Ratio Lower Upper
105 100
120 26.7 13.0 39.0

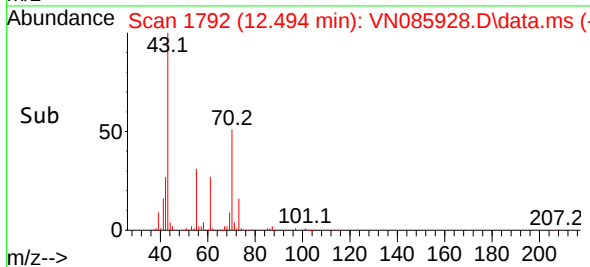
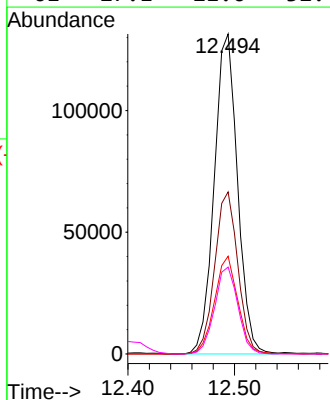
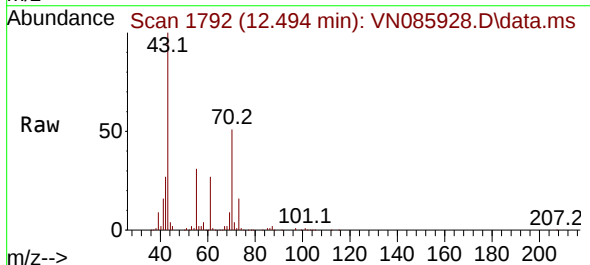
Manual Integrations
APPROVED

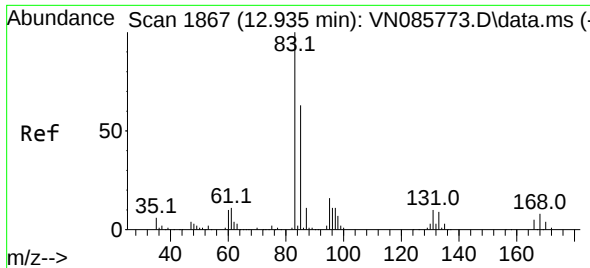
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#74
N-ethyl acetate
Concen: 53.719 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

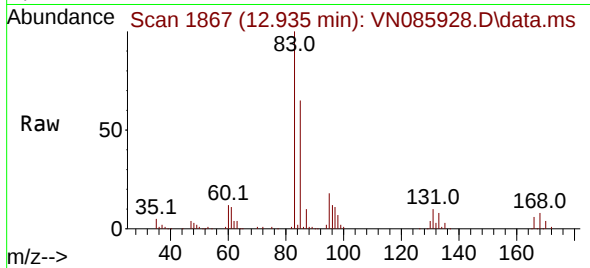
Tgt Ion: 43 Resp: 199571
Ion Ratio Lower Upper
43 100
70 50.5 41.0 61.4
55 30.7 24.6 36.8
61 27.1 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 46.527 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

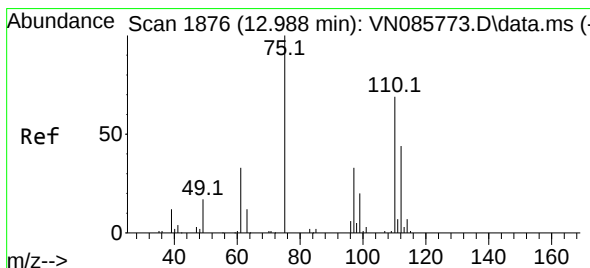
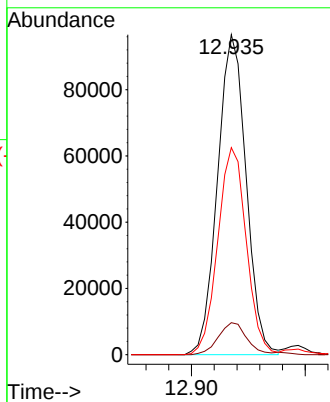
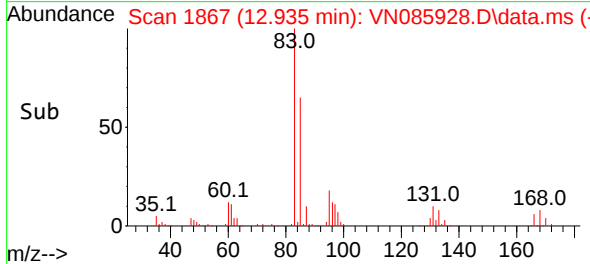
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 16867
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 64.6 32.2 96.6

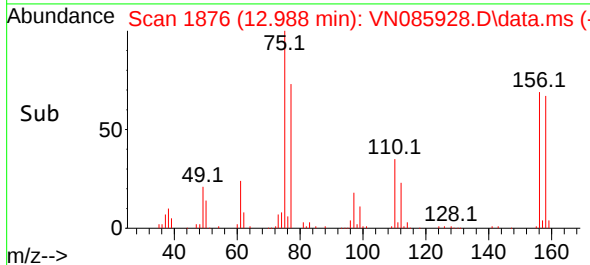
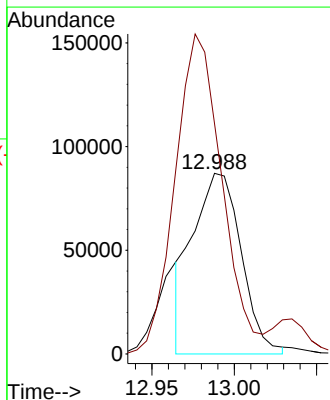
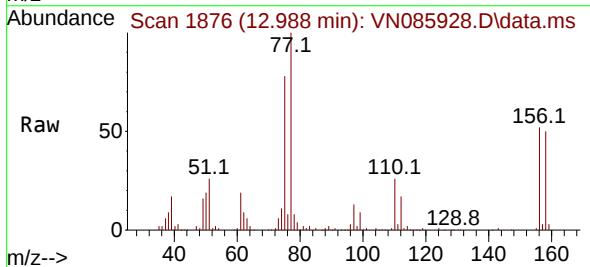
Manual Integrations
APPROVED

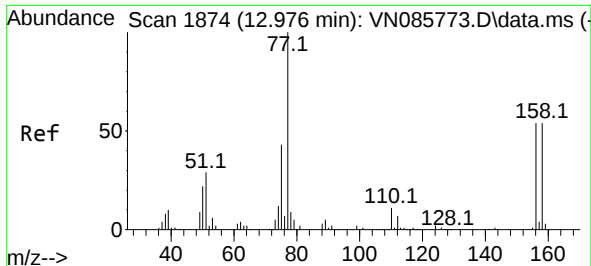
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#76
1,2,3-Trichloropropane
Concen: 52.150 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

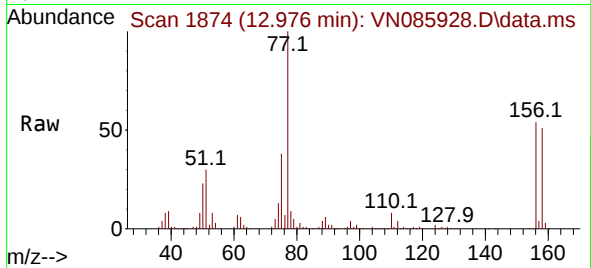
Tgt Ion: 75 Resp: 178136
Ion Ratio Lower Upper
75 100
77 171.6 100.0 300.0





#77
Bromobenzene
Concen: 50.426 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

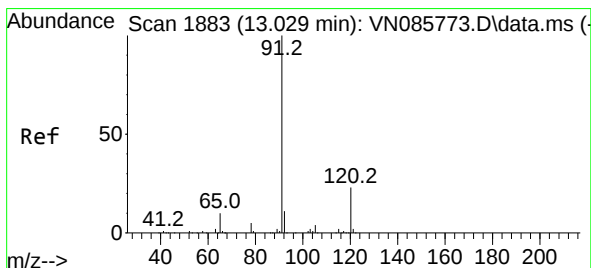
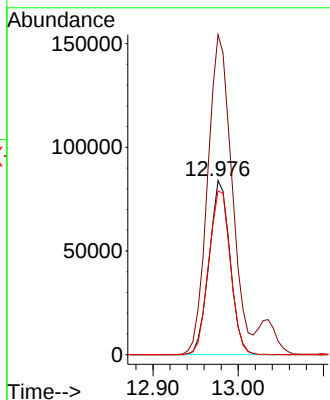
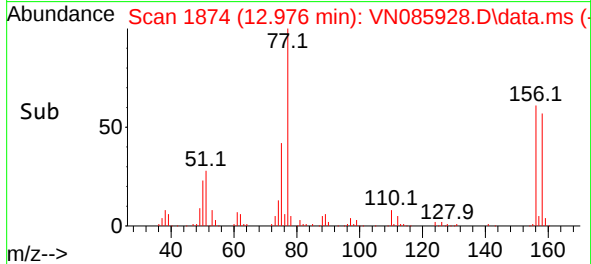
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 143529
Ion Ratio Lower Upper
156 100
77 213.0 104.1 312.3
158 97.5 48.1 144.4

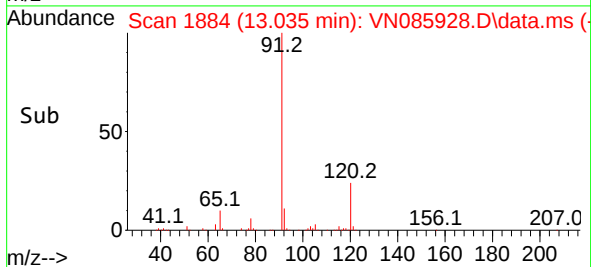
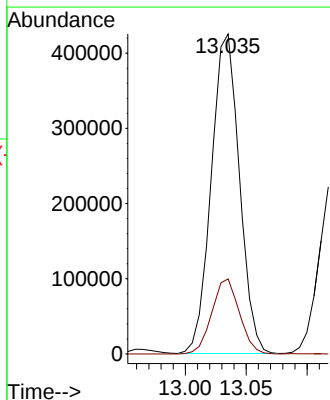
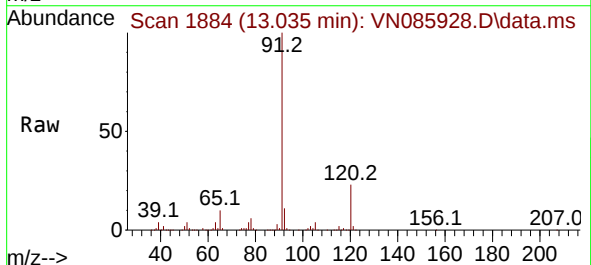
Manual Integrations
APPROVED

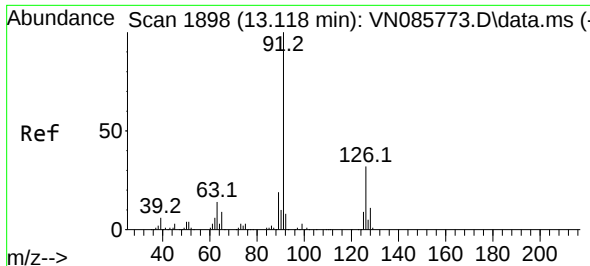
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#78
n-propylbenzene
Concen: 56.559 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

Tgt Ion: 91 Resp: 682397
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.8





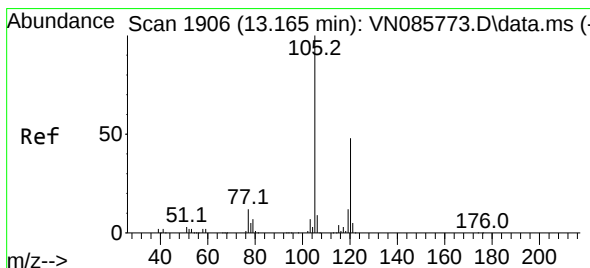
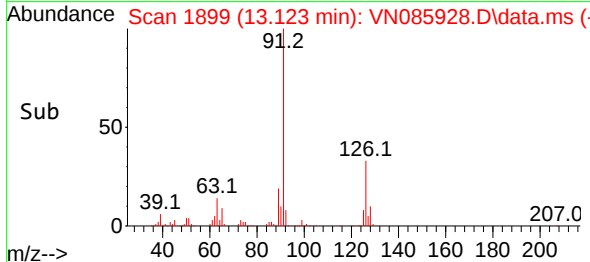
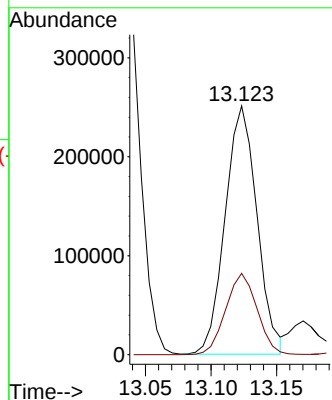
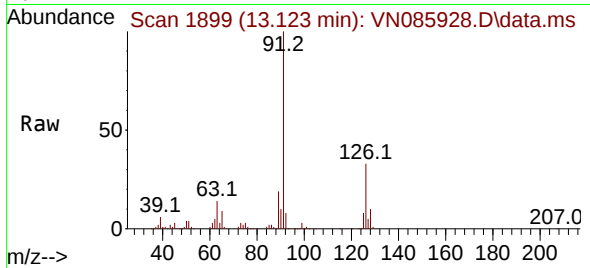
#79
2-Chlorotoluene
Concen: 52.640 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 42434
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.1

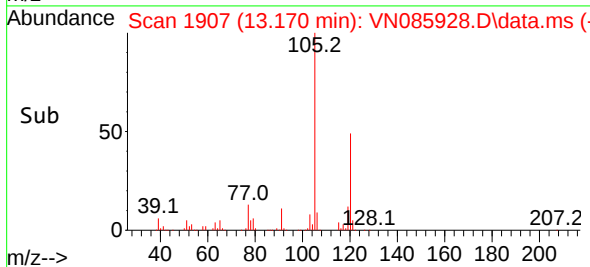
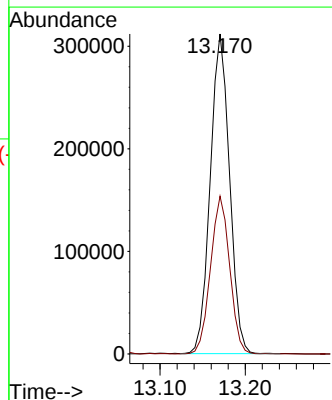
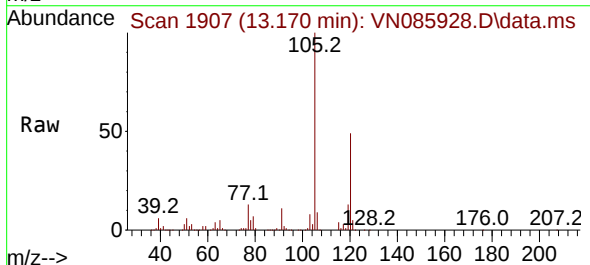
Manual Integrations
APPROVED

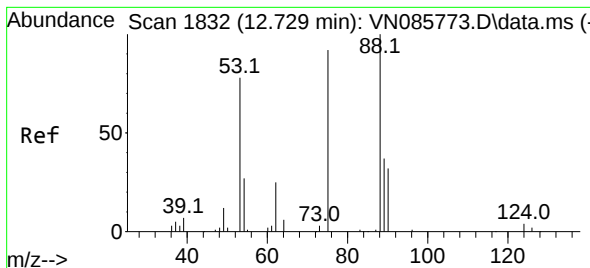
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 57.065 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

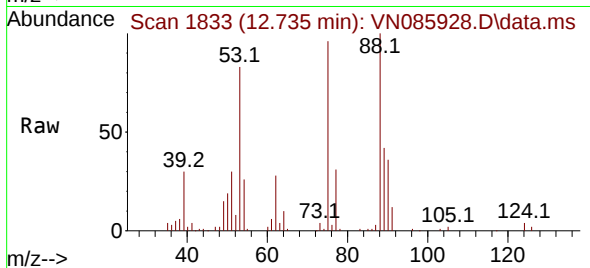
Tgt Ion:105 Resp: 489718
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 59.775 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

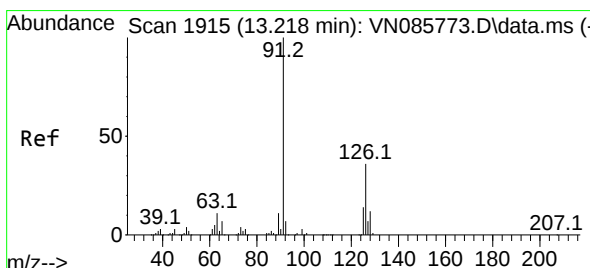
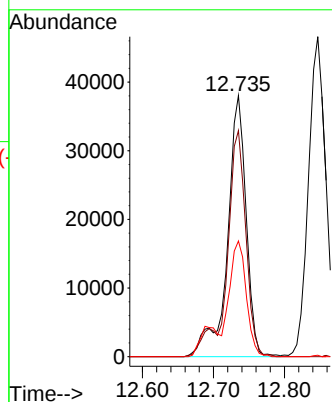
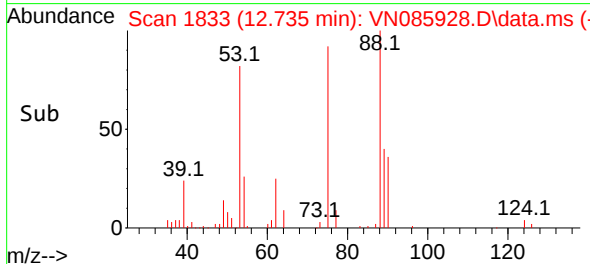
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



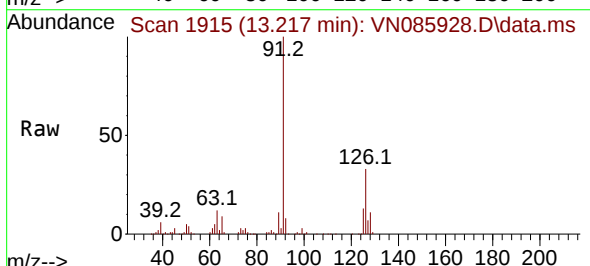
Tgt Ion: 75 Resp: 69980
Ion Ratio Lower Upper
75 100
53 77.2 74.2 111.4
89 39.4 34.9 52.3

Manual Integrations
APPROVED

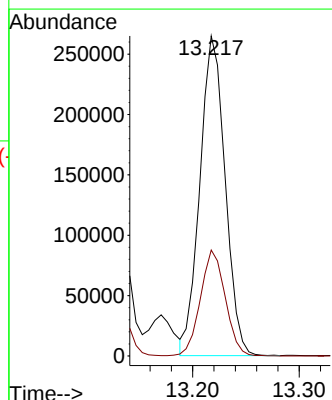
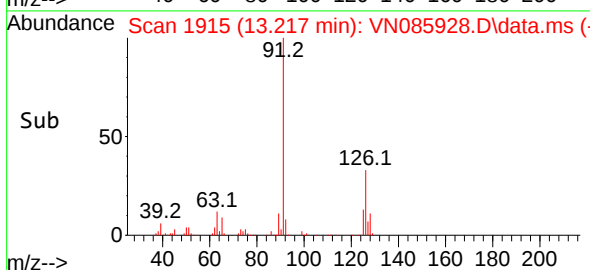
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#82
4-Chlorotoluene
Concen: 54.629 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



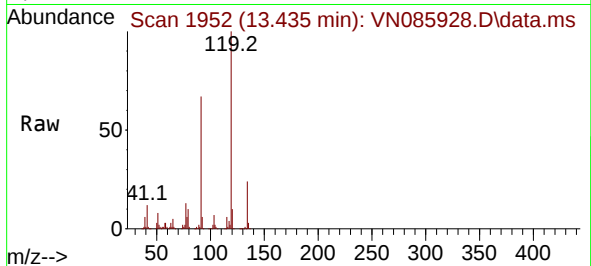
Tgt Ion: 91 Resp: 436573
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 54.327 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085928.D
 Acq: 11 Mar 2025 13:22

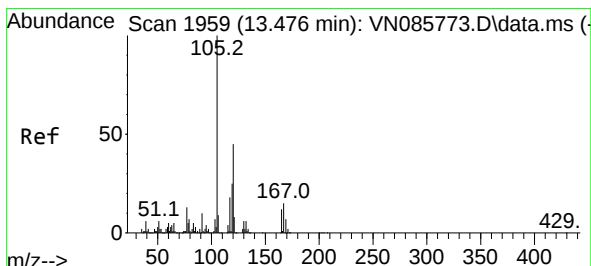
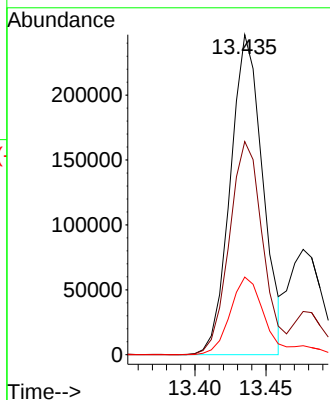
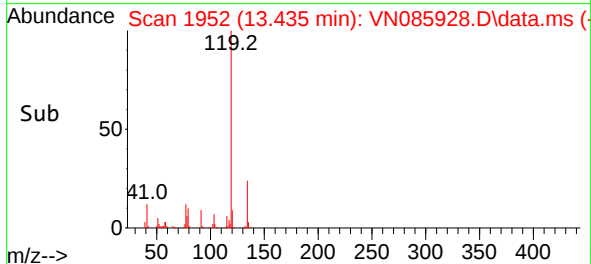
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



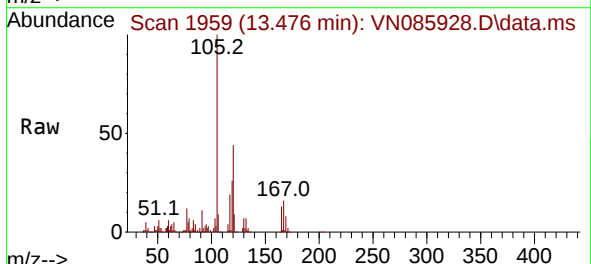
Tgt Ion:119 Resp: 392050
 Ion Ratio Lower Upper
 119 100
 91 69.1 32.5 97.5
 134 27.0 13.3 39.9

Manual Integrations
 APPROVED

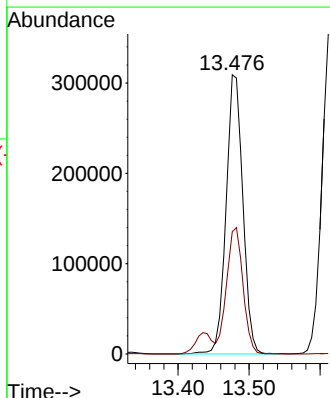
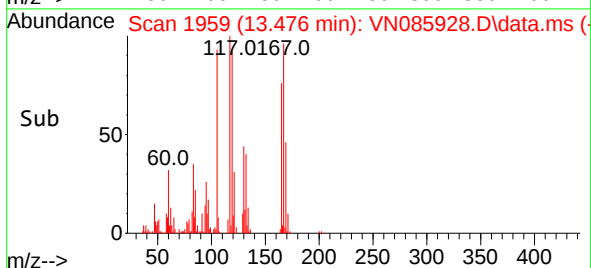
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 59.570 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN085928.D
 Acq: 11 Mar 2025 13:22



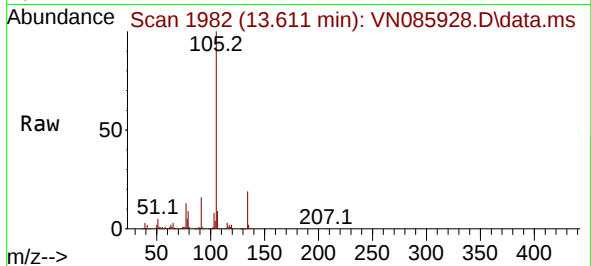
Tgt Ion:105 Resp: 505780
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 55.632 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.001 min
 Lab File: VN085928.D
 Acq: 11 Mar 2025 13:22

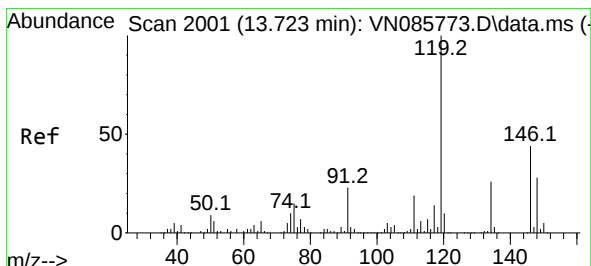
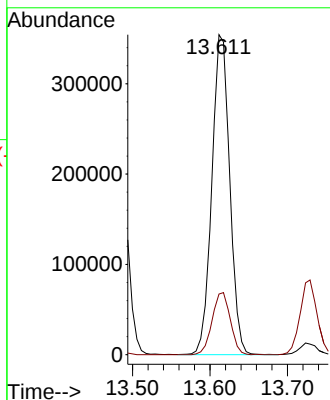
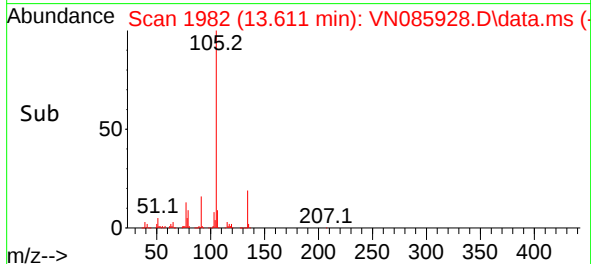
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



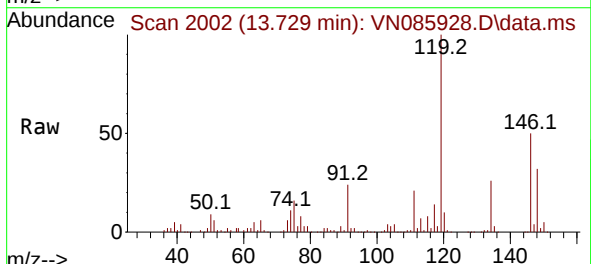
Tgt Ion:105 Resp: 56724
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

Manual Integrations
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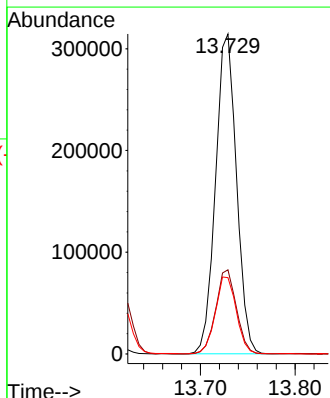
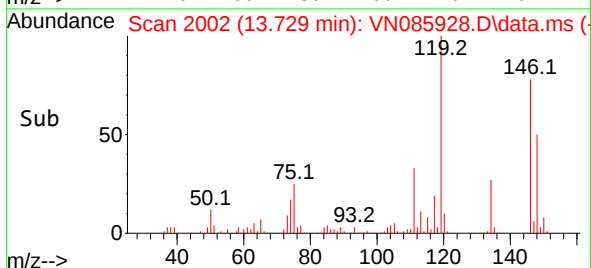
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025

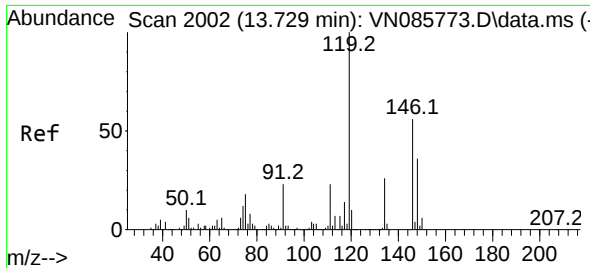


#86
 p-Isopropyltoluene
 Concen: 51.591 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085928.D
 Acq: 11 Mar 2025 13:22



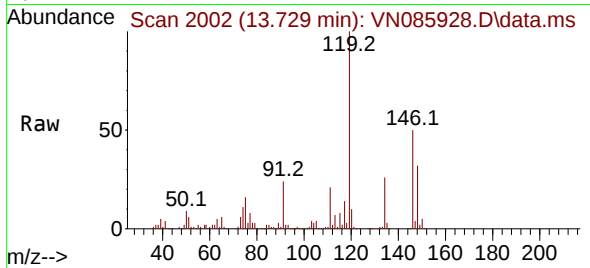
Tgt Ion:119 Resp: 483401
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.1 11.7 35.1





#87
 1,3-Dichlorobenzene
 Concen: 50.299 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085928.D
 Acq: 11 Mar 2025 13:22

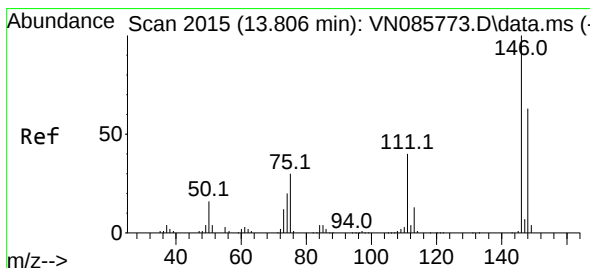
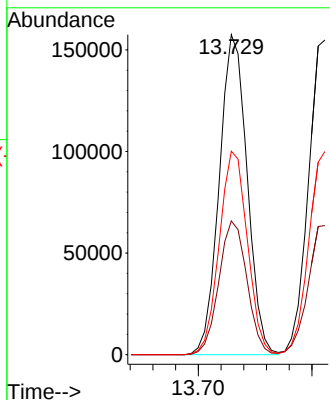
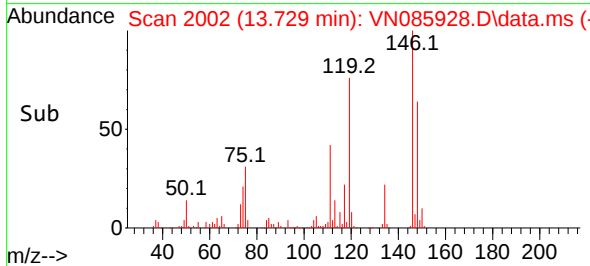
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



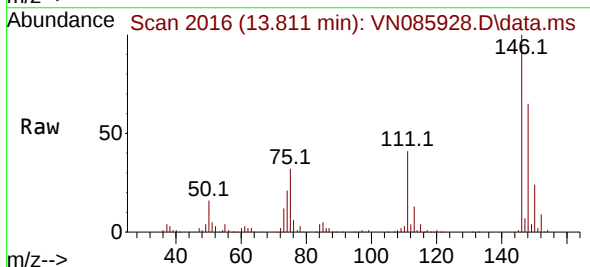
Tgt Ion:146 Resp: 268224
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.3
 148 64.2 32.1 96.5

Manual Integrations
 APPROVED

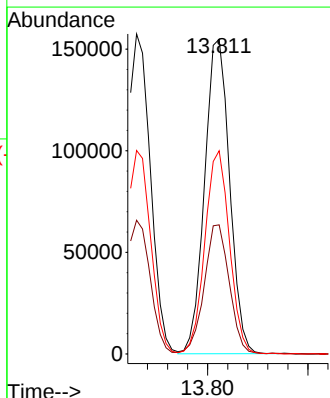
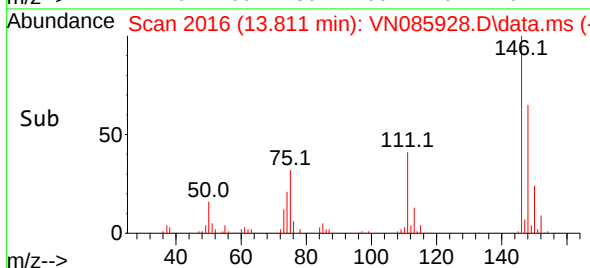
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025

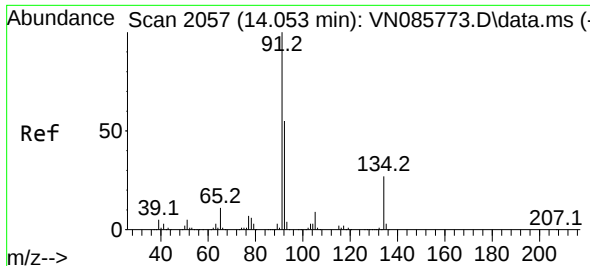


#88
 1,4-Dichlorobenzene
 Concen: 48.956 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN085928.D
 Acq: 11 Mar 2025 13:22



Tgt Ion:146 Resp: 267568
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.3
 148 63.8 31.8 95.4





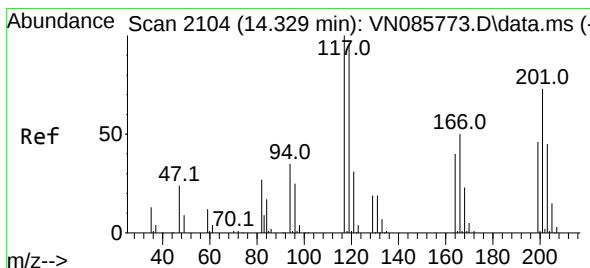
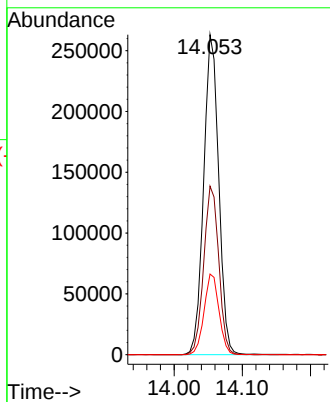
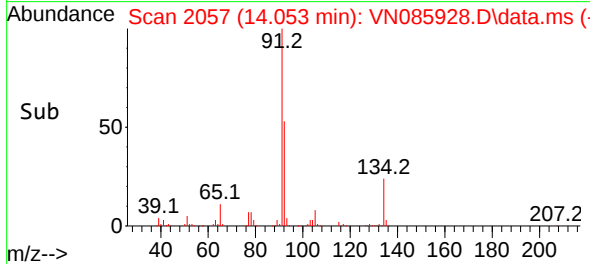
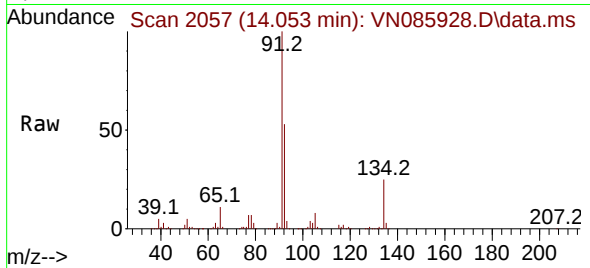
#89
n-Butylbenzene
Concen: 55.932 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 40490
Ion Ratio Lower Upper
91 100
92 52.6 27.1 81.3
134 25.0 12.7 38.1

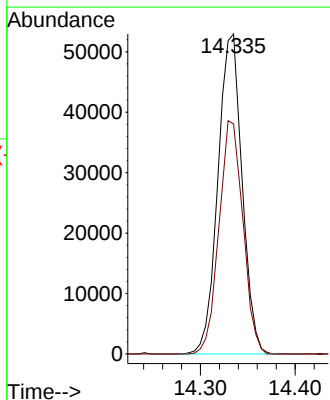
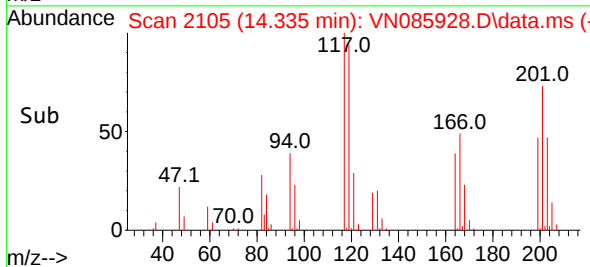
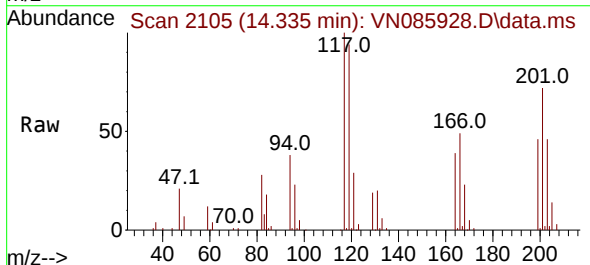
Manual Integrations
APPROVED

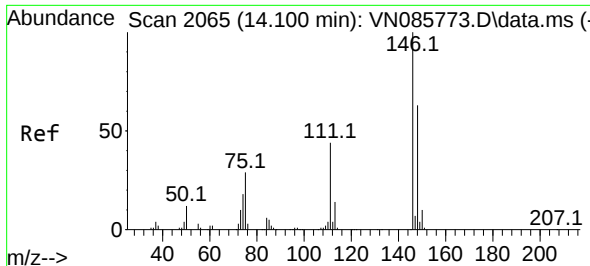
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#90
Hexachloroethane
Concen: 48.627 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

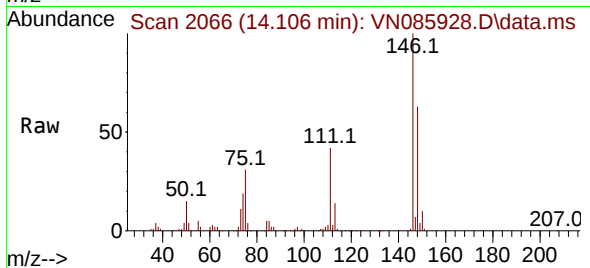
Tgt Ion:117 Resp: 93901
Ion Ratio Lower Upper
117 100
201 72.1 35.6 106.9





#91
1,2-Dichlorobenzene
Concen: 50.074 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

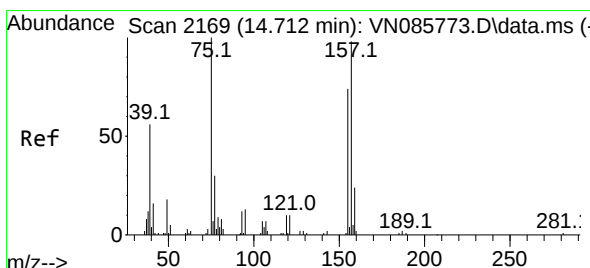
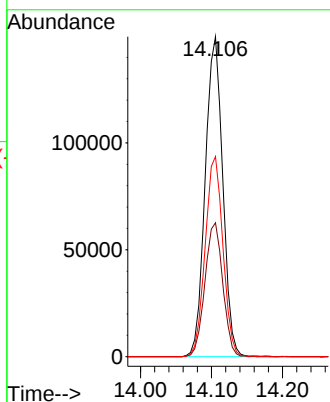
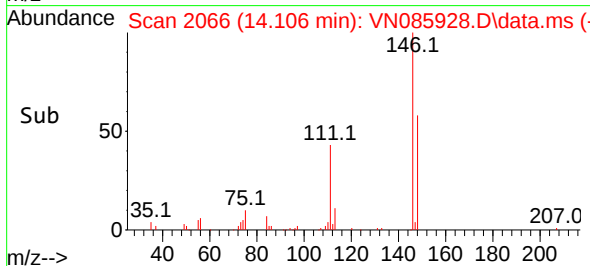
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



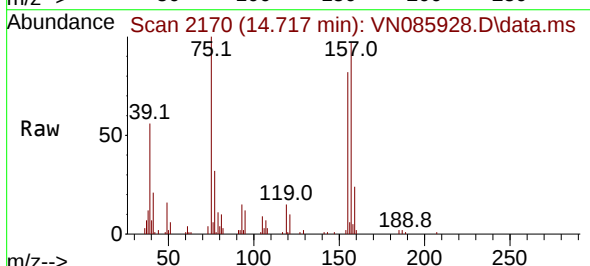
Tgt Ion:146 Resp: 256774
Ion Ratio Lower Upper
146 100
111 42.7 21.4 64.3
148 63.4 32.0 96.2

Manual Integrations
APPROVED

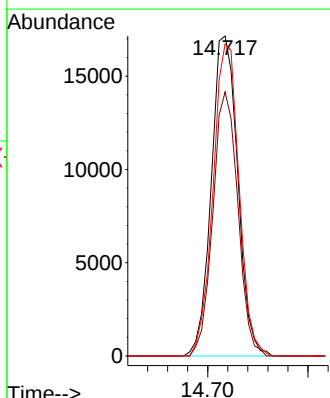
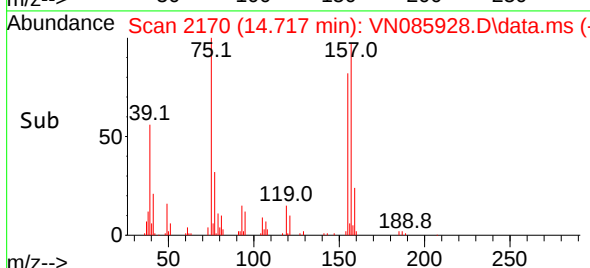
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

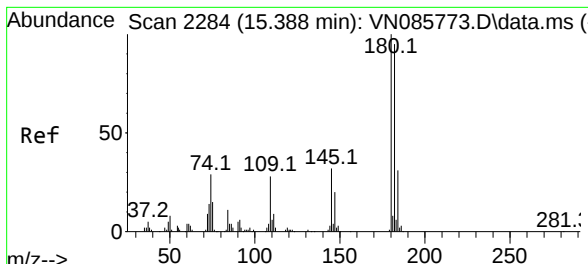


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.074 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22



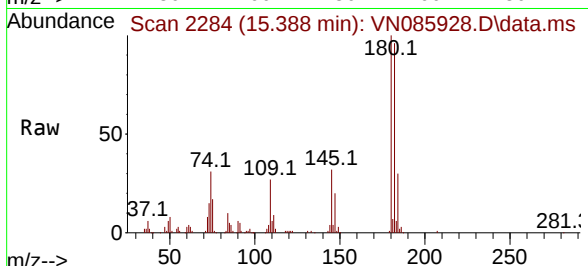
Tgt Ion: 75 Resp: 31337
Ion Ratio Lower Upper
75 100
155 78.1 39.9 119.6
157 95.8 49.9 149.7





#93
 1,2,4-Trichlorobenzene
 Concen: 51.276 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN085928.D
 Acq: 11 Mar 2025 13:22

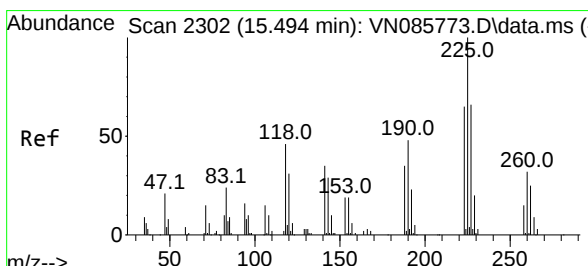
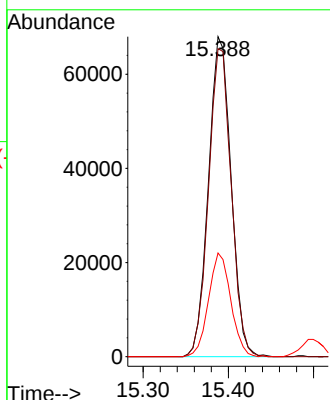
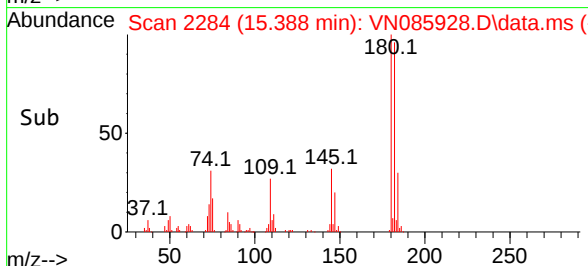
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:180 Resp: 125292
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.3 141.9
 145 31.9 16.2 48.5

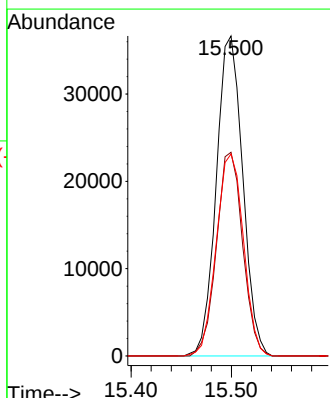
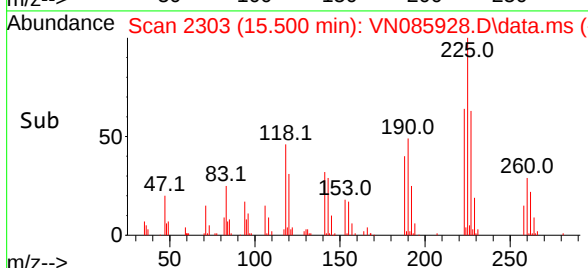
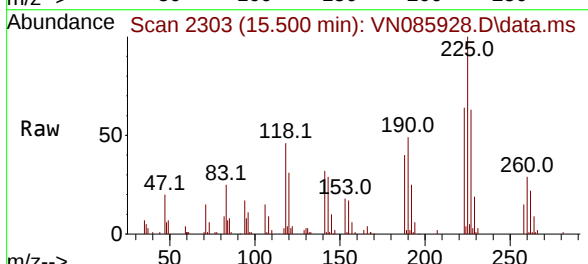
Manual Integrations
 APPROVED

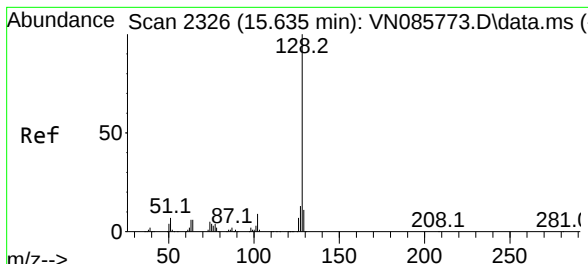
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#94
 Hexachlorobutadiene
 Concen: 45.261 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.006 min
 Lab File: VN085928.D
 Acq: 11 Mar 2025 13:22

Tgt Ion:225 Resp: 67213
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.5
 227 64.8 32.2 96.6





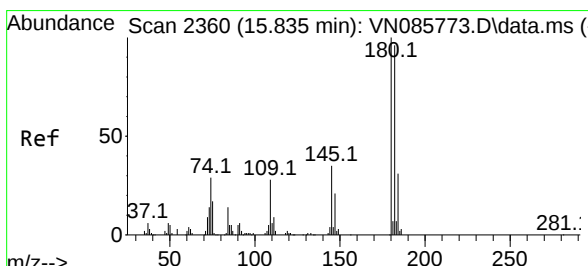
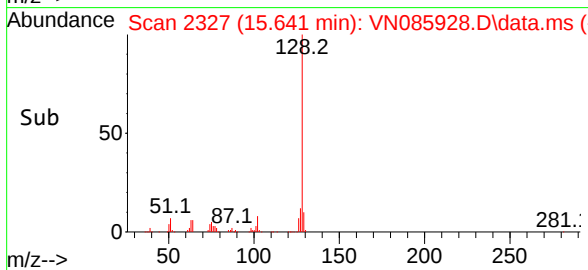
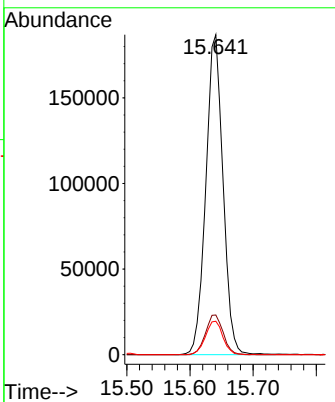
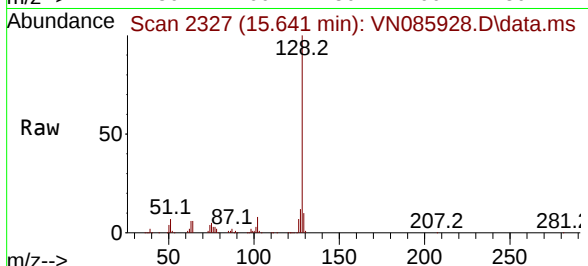
#95
Naphthalene
Concen: 52.553 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Tgt Ion:	128	Resp:	352544
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	10.6	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.402 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085928.D
Acq: 11 Mar 2025 13:22

Tgt Ion:	180	Resp:	121186
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.3	141.8
145	35.0	16.9	50.6

