

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085829.D
 Acq On : 24 Feb 2025 11:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Feb 25 01:49:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	270391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	444288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	401749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	208250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	195044	55.639	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.280%			
35) Dibromofluoromethane	8.165	113	170583	58.676	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.360%			
50) Toluene-d8	10.565	98	634568	59.993	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 119.980%#			
62) 4-Bromofluorobenzene	12.847	95	220678	63.323	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 126.640%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	189227	51.450	ug/l	97
3) Chloromethane	2.359	50	178538	48.377	ug/l	99
4) Vinyl Chloride	2.512	62	194364	49.740	ug/l	99
5) Bromomethane	2.948	94	118119	47.274	ug/l	98
6) Chloroethane	3.118	64	124641	48.156	ug/l	94
7) Trichlorofluoromethane	3.495	101	285475	50.459	ug/l	100
8) Diethyl Ether	3.959	74	94914	51.850	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	173867	53.166	ug/l	97
10) Methyl Iodide	4.589	142	207114	51.378	ug/l	97
11) Tert butyl alcohol	5.512	59	125367	290.770	ug/l	100
12) 1,1-Dichloroethene	4.342	96	153800	51.868	ug/l	99
13) Acrolein	4.177	56	184907	289.200	ug/l	98
14) Allyl chloride	5.024	41	193524	49.710	ug/l	98
15) Acrylonitrile	5.718	53	408683	291.573	ug/l	99
16) Acetone	4.424	43	293349	264.466	ug/l	96
17) Carbon Disulfide	4.712	76	416649	47.411	ug/l	99
18) Methyl Acetate	5.018	43	209690	54.962	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	492246	55.865	ug/l	99
20) Methylene Chloride	5.271	84	181067	50.760	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	164073	51.388	ug/l	97
22) Diisopropyl ether	6.665	45	499088	56.735	ug/l	99
23) Vinyl Acetate	6.600	43	1697002	281.744	ug/l	98
24) 1,1-Dichloroethane	6.565	63	314583	52.606	ug/l	99
25) 2-Butanone	7.483	43	480626	294.527	ug/l	99
26) 2,2-Dichloropropane	7.488	77	274765	51.672	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	193487	52.265	ug/l	99
28) Bromochloromethane	7.812	49	134140	54.576	ug/l	97
29) Tetrahydrofuran	7.835	42	327656	310.939	ug/l	99
30) Chloroform	7.965	83	325765	52.128	ug/l	97
31) Cyclohexane	8.253	56	245063	48.945	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	287419	51.709	ug/l	97
36) 1,1-Dichloropropene	8.365	75	222336	54.037	ug/l	99
37) Ethyl Acetate	7.559	43	196298	57.974	ug/l	99
38) Carbon Tetrachloride	8.359	117	262305	53.654	ug/l	96
39) Methylcyclohexane	9.600	83	223189	55.217	ug/l	99
40) Benzene	8.606	78	716363	54.323	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	105615	58.349	ug/l	96
42) 1,2-Dichloroethane	8.665	62	225691	52.542	ug/l	99
43) Isopropyl Acetate	8.682	43	329566	55.521	ug/l	99
44) Trichloroethene	9.347	130	164046	50.665	ug/l	95
45) 1,2-Dichloropropane	9.618	63	175530	55.144	ug/l	95
46) Dibromomethane	9.706	93	123339	54.933	ug/l	100
47) Bromodichloromethane	9.882	83	257086	53.518	ug/l	100
48) Methyl methacrylate	9.677	41	150912	60.014	ug/l	96
49) 1,4-Dioxane	9.688	88	58943	1232.633	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	1035536	317.207	ug/l	99
52) Toluene	10.629	92	448464	58.015	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	251365	56.589	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	272160	55.876	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	171538	55.813	ug/l	99
56) Ethyl methacrylate	10.871	69	251054	55.991	ug/l	99
57) 1,3-Dichloropropane	11.159	76	291523	56.820	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	443855	255.958	ug/l	99
59) 2-Hexanone	11.194	43	751476	334.610	ug/l	98
60) Dibromochloromethane	11.353	129	204140	57.041	ug/l	100
61) 1,2-Dibromoethane	11.465	107	167175	57.568	ug/l	98
64) Tetrachloroethene	11.100	164	155718	50.032	ug/l	97
65) Chlorobenzene	11.888	112	477030	51.832	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	177191	53.564	ug/l	100
67) Ethyl Benzene	11.959	91	826725	57.345	ug/l	100
68) m/p-Xylenes	12.071	106	654939	119.597	ug/l	100
69) o-Xylene	12.394	106	305625	58.731	ug/l	100
70) Styrene	12.412	104	532745	54.496	ug/l	100
71) Bromoform	12.576	173	141096	57.401	ug/l #	97
73) Isopropylbenzene	12.694	105	770962	54.038	ug/l	100
74) N-amyl acetate	12.494	43	274861	54.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	248210	50.557	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	226972m	49.065	ug/l	
77) Bromobenzene	12.976	156	196411	50.956	ug/l	97
78) n-propylbenzene	13.035	91	924470	56.580	ug/l	100
79) 2-Chlorotoluene	13.123	91	568143	52.042	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	658723	56.679	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	89087	56.191	ug/l	98
82) 4-Chlorotoluene	13.217	91	579342	53.531	ug/l	100
83) tert-Butylbenzene	13.435	119	536211	54.866	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	671758	58.422	ug/l	100
85) sec-Butylbenzene	13.612	105	763617	55.301	ug/l	100
86) p-Isopropyltoluene	13.729	119	639122	50.471	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	366157	50.703	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	358924	48.492	ug/l	100
89) n-Butylbenzene	14.053	91	520397	53.081	ug/l	99
90) Hexachloroethane	14.329	117	129889	49.669	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	353920	50.964	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	45548	50.523	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	168238	50.842	ug/l	98
94) Hexachlorobutadiene	15.500	225	86598	43.061	ug/l	99
95) Naphthalene	15.641	128	491906	54.146	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	167060	50.288	ug/l	100

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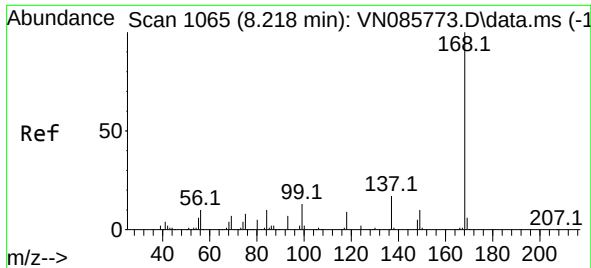
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

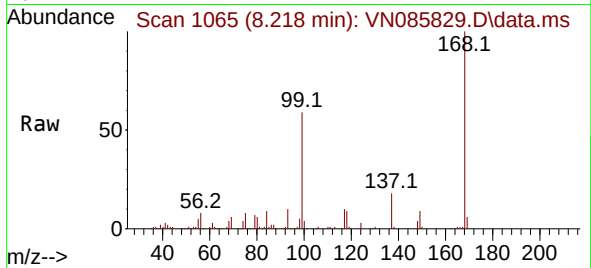
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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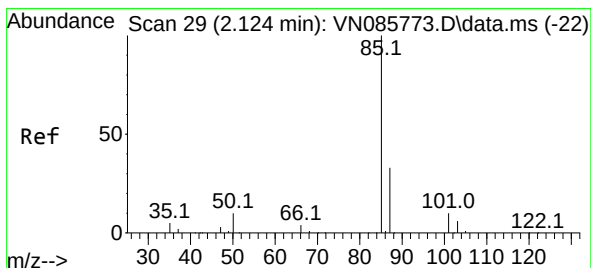
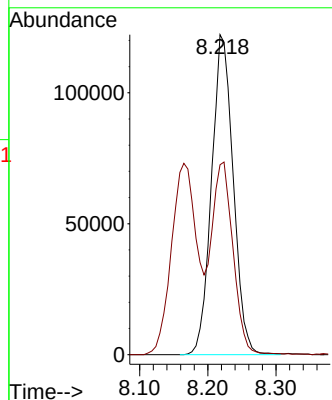
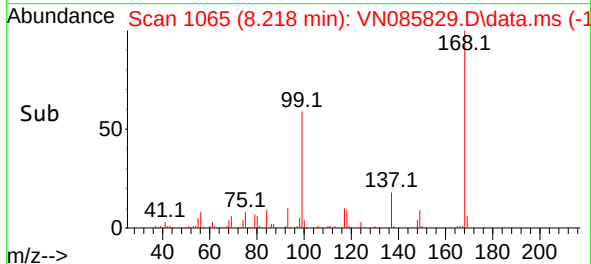
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 27039
Ion Ratio Lower Upper
168 100
99 59.0 47.9 71.9

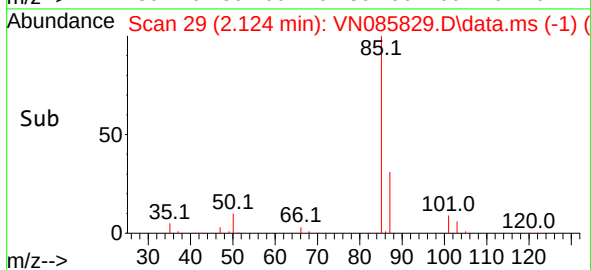
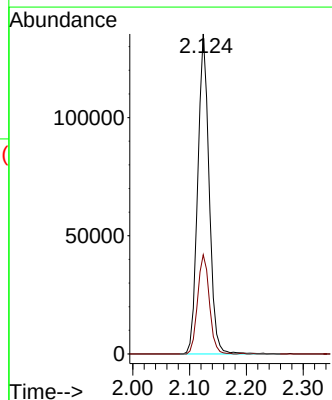
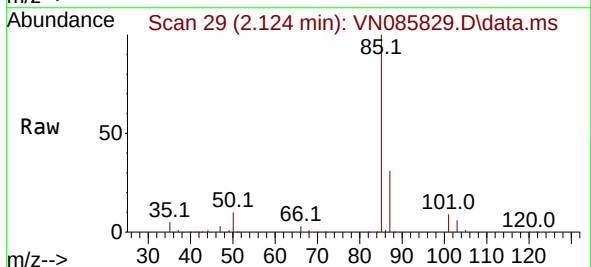
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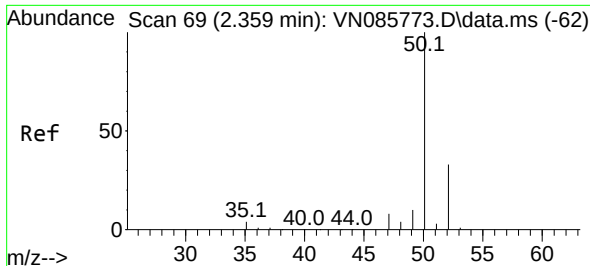
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#2
Dichlorodifluoromethane
Concen: 51.450 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

Tgt Ion: 85 Resp: 189227
Ion Ratio Lower Upper
85 100
87 31.0 16.4 49.2





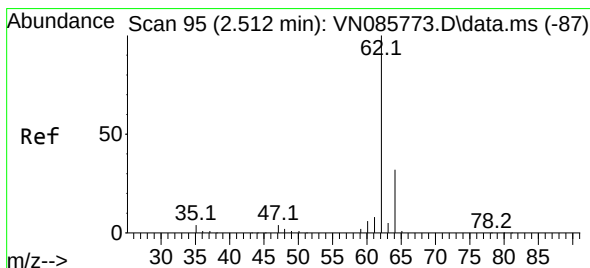
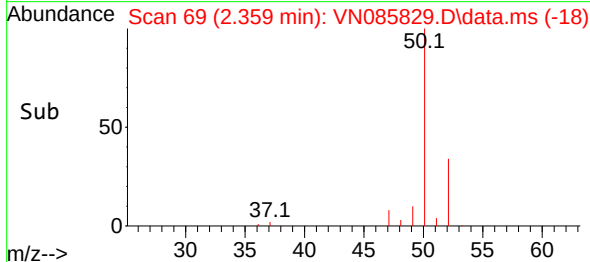
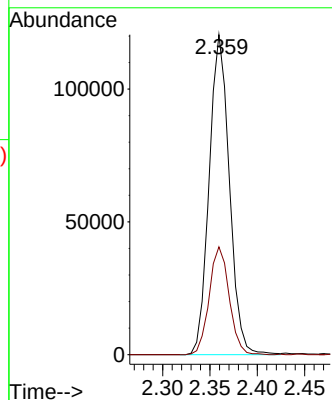
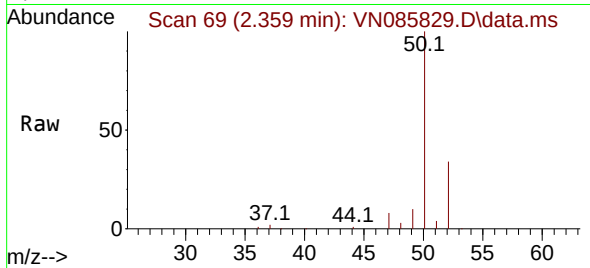
#3
Chloromethane
Concen: 48.377 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085829.D
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Tgt Ion: 50 Resp: 178538
Ion Ratio Lower Upper
50 100
52 33.7 26.7 40.1

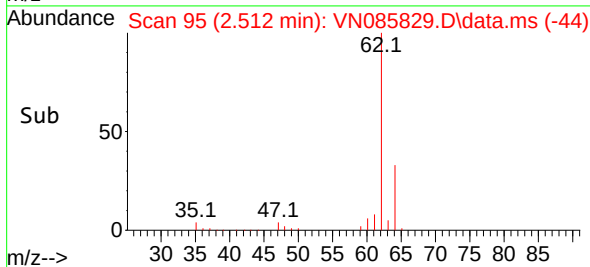
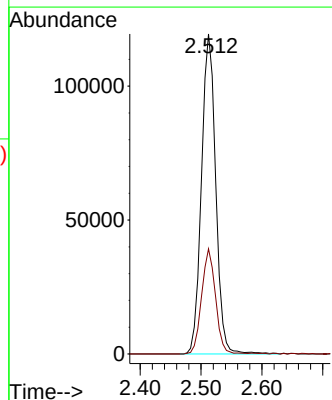
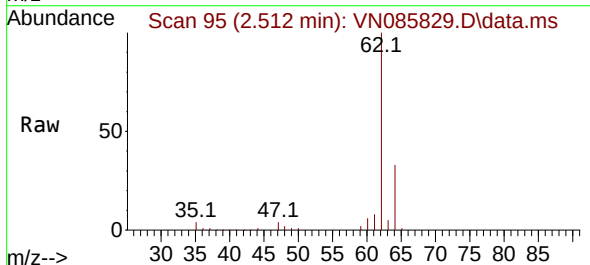
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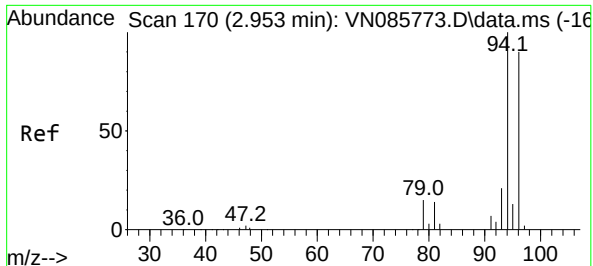
Reviewed By :John Carlone 02/25/2025
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#4
Vinyl Chloride
Concen: 49.740 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

Tgt Ion: 62 Resp: 194364
Ion Ratio Lower Upper
62 100
64 32.9 25.9 38.9





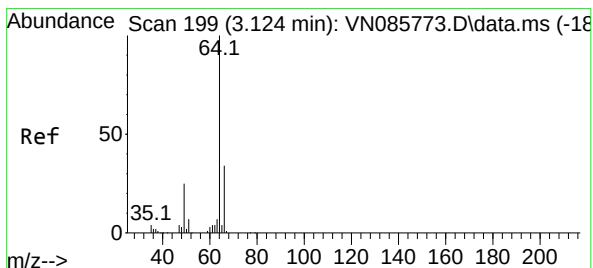
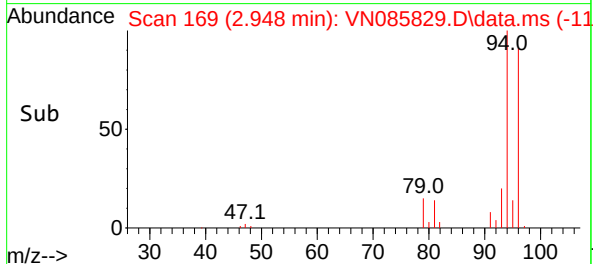
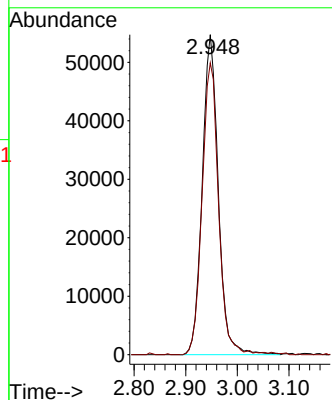
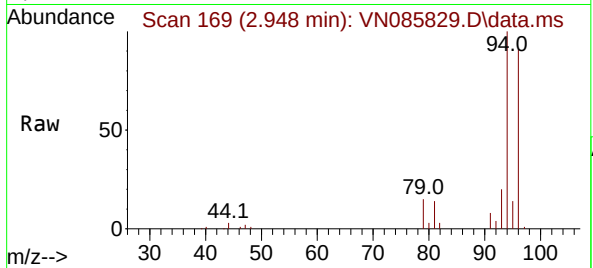
#5
Bromomethane
Concen: 47.274 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085829.D
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Instrument :
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Tgt Ion: 94 Resp: 118119
Ion Ratio Lower Upper
94 100
96 91.2 71.7 107.5

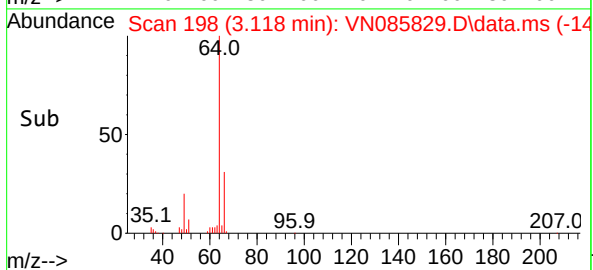
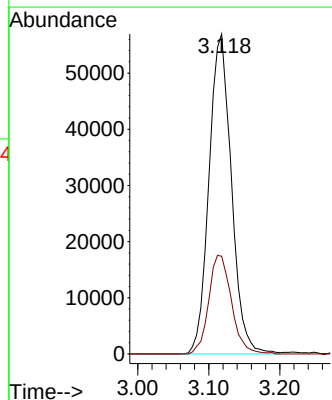
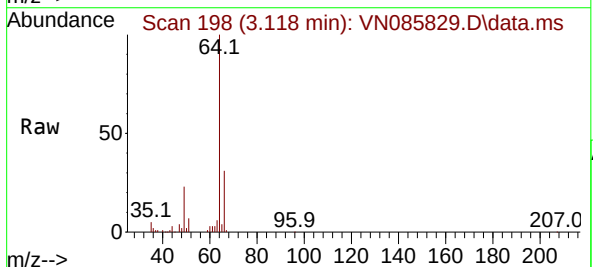
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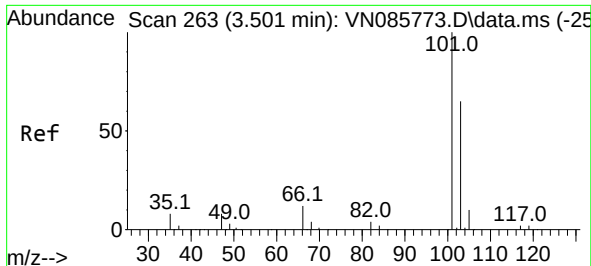
Reviewed By :John Carlone 02/25/2025
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#6
Chloroethane
Concen: 48.156 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 124641
Ion Ratio Lower Upper
64 100
66 30.6 27.0 40.6





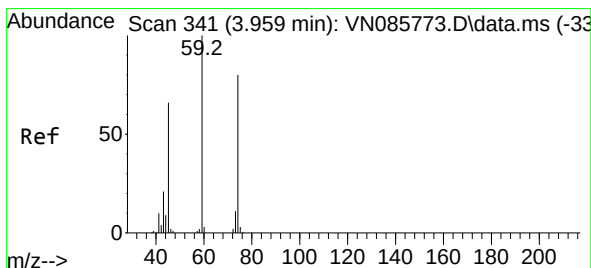
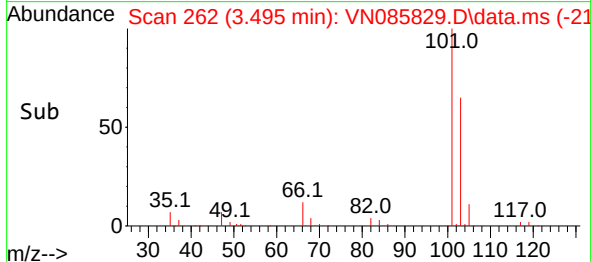
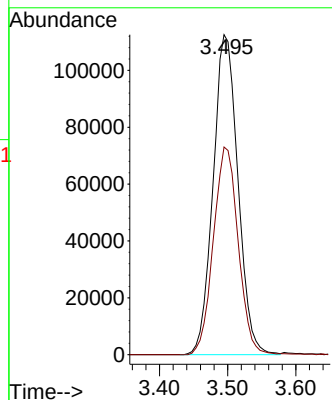
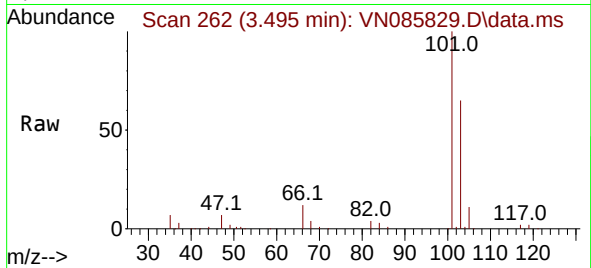
#7
 Trichlorofluoromethane
 Concen: 50.459 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.006 min
 Lab File: VN085829.D
 Acq: 24 Feb 2025 11:37

Instrument :
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 VSTDCCC050

Tgt Ion:101 Resp: 28547
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.2 78.4

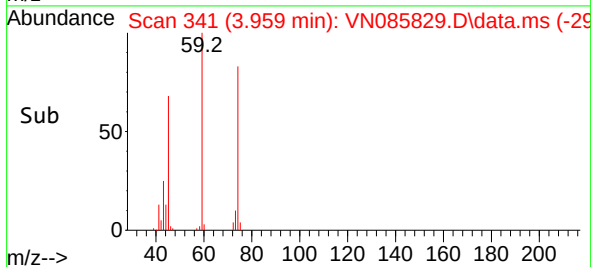
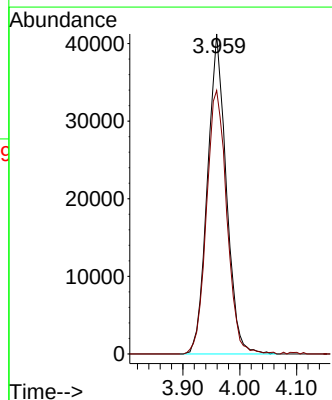
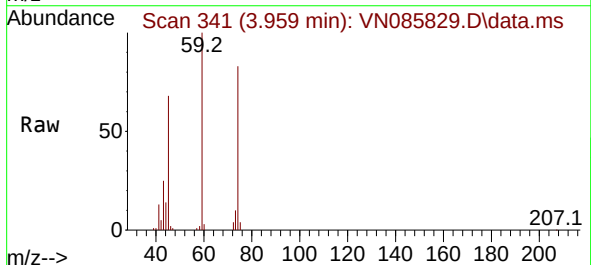
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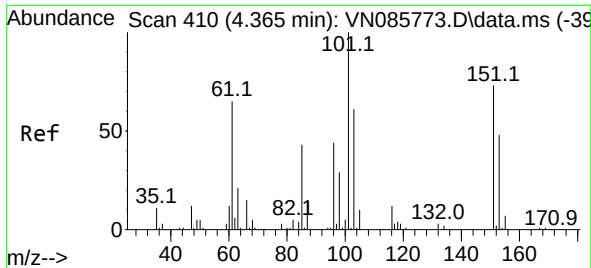
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#8
 Diethyl Ether
 Concen: 51.850 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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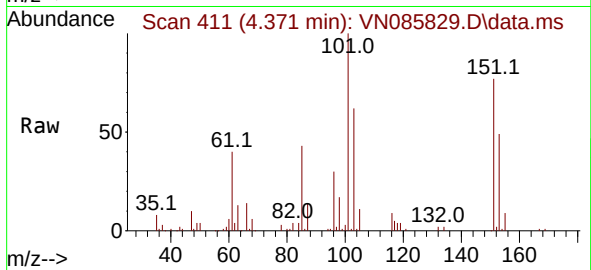
Tgt Ion: 74 Resp: 94914
 Ion Ratio Lower Upper
 74 100
 45 88.7 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.166 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
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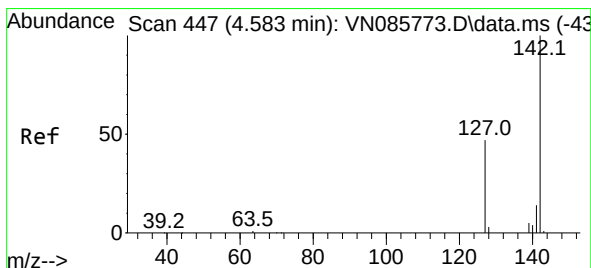
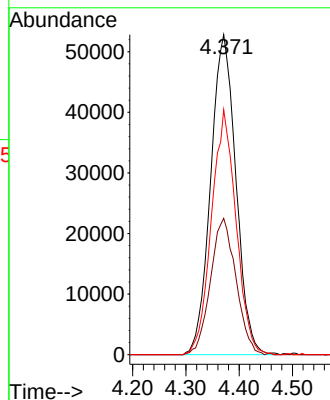
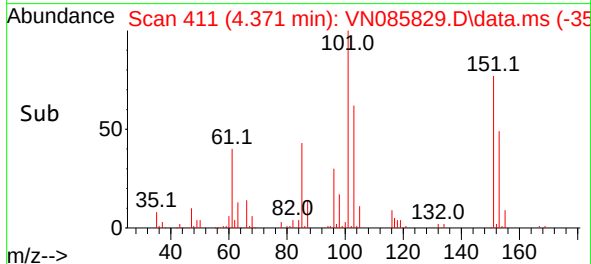
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



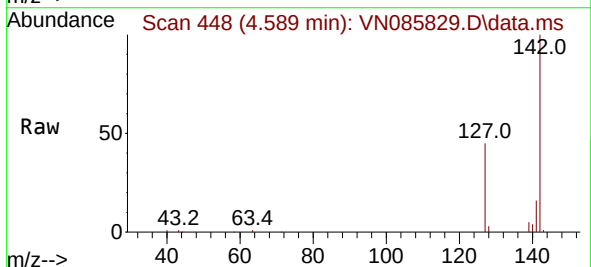
Tgt Ion:101 Resp: 17386
Ion Ratio Lower Upper
101 100
85 43.0 35.7 53.5
151 74.4 61.4 92.2

Manual Integrations
APPROVED

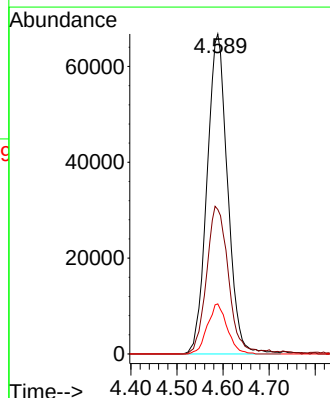
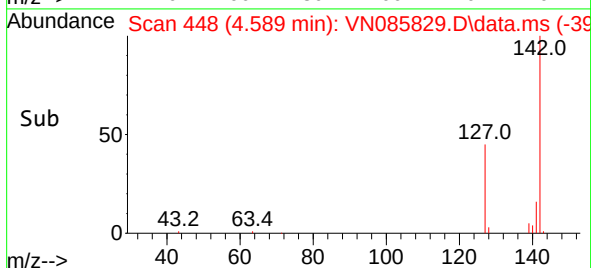
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

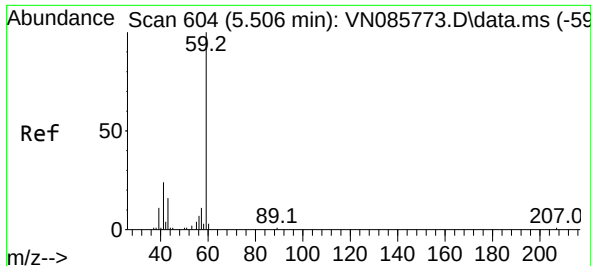


#10
Methyl Iodide
Concen: 51.378 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37



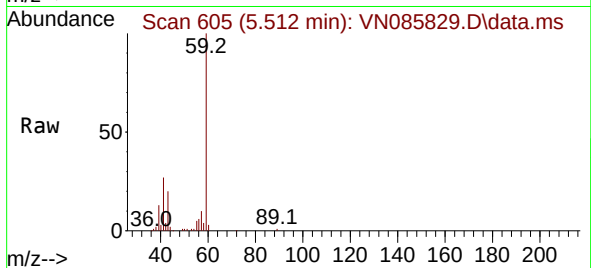
Tgt Ion:142 Resp: 207114
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 15.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 290.770 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

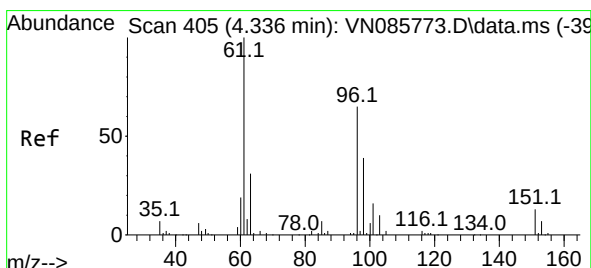
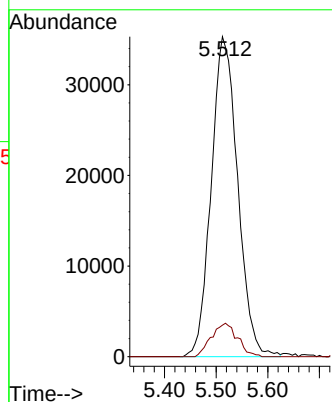
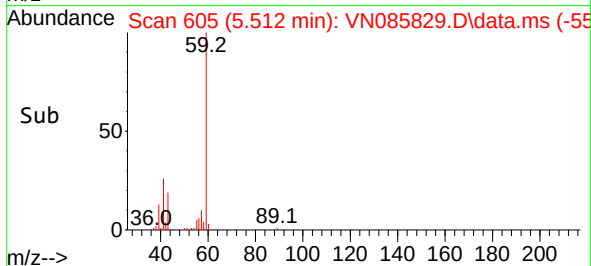
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



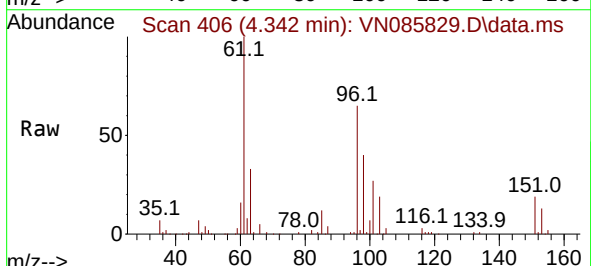
Tgt Ion: 59 Resp: 12536
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
APPROVED

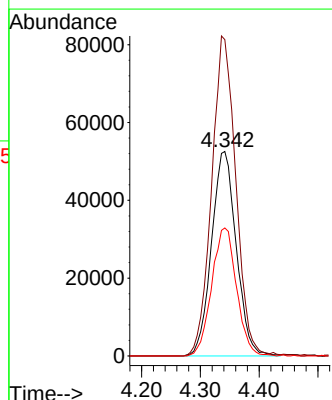
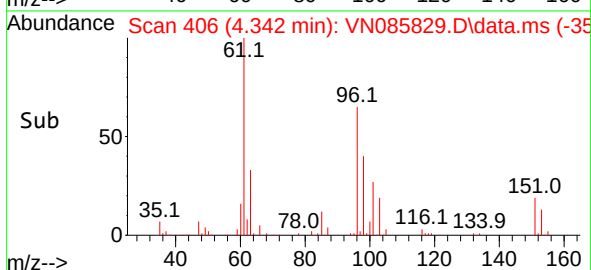
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

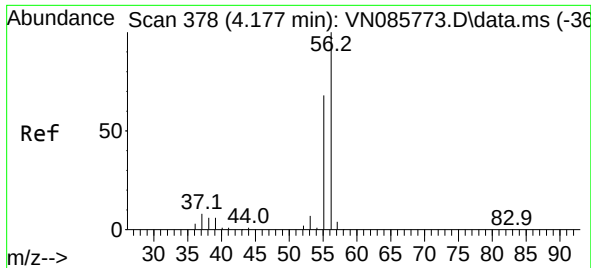


#12
1,1-Dichloroethene
Concen: 51.868 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37



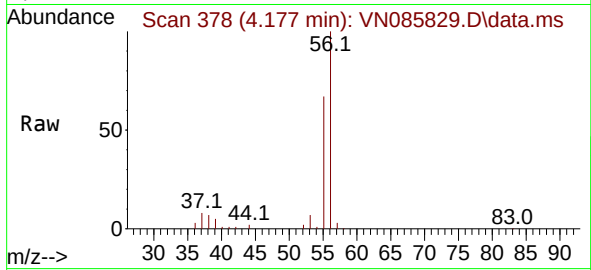
Tgt Ion: 96 Resp: 153800
Ion Ratio Lower Upper
96 100
61 154.8 123.3 184.9
98 62.6 48.6 72.8





#13
Acrolein
Concen: 289.200 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

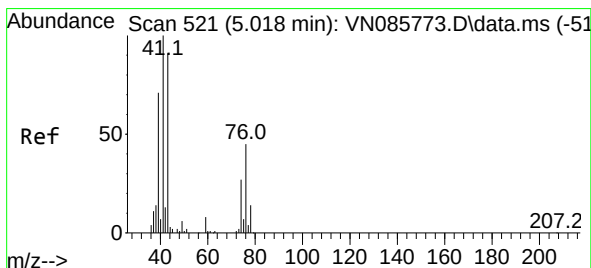
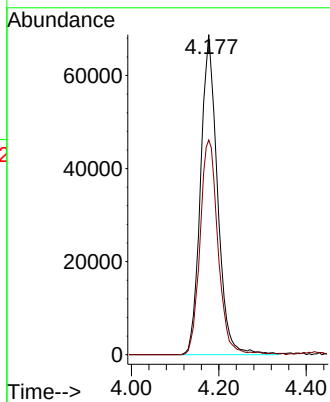
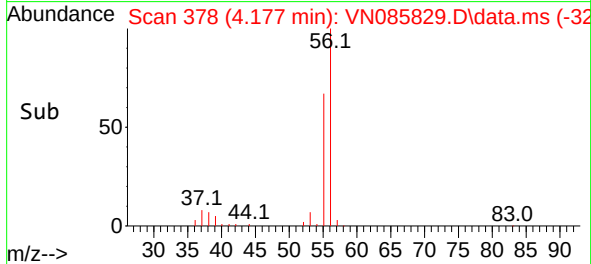
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 18490
Ion Ratio Lower Upper
56 100
55 70.5 55.3 82.9

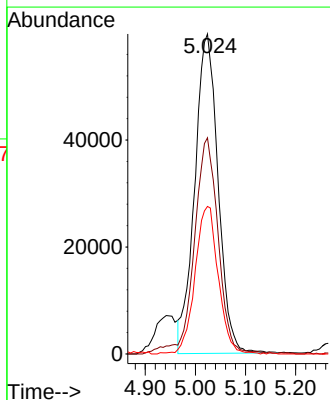
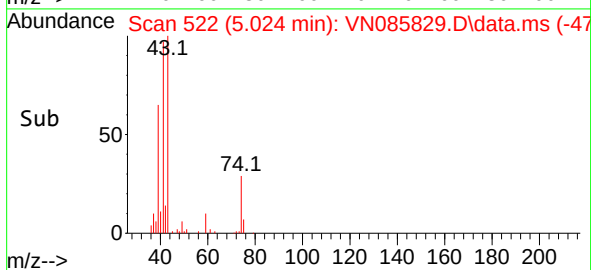
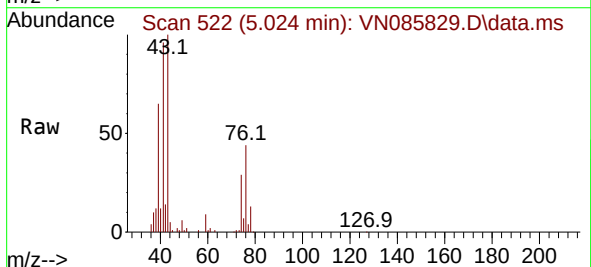
Manual Integrations
APPROVED

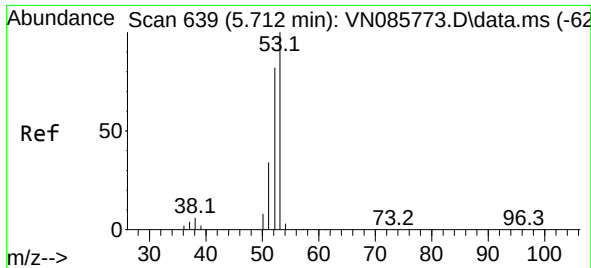
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#14
Allyl chloride
Concen: 49.710 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

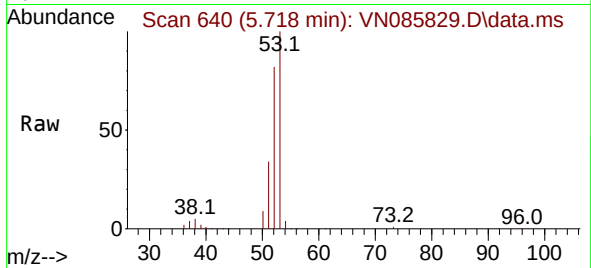
Tgt Ion: 41 Resp: 193524
Ion Ratio Lower Upper
41 100
39 69.2 57.4 86.2
76 46.1 36.2 54.2





#15
Acrylonitrile
Concen: 291.573 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

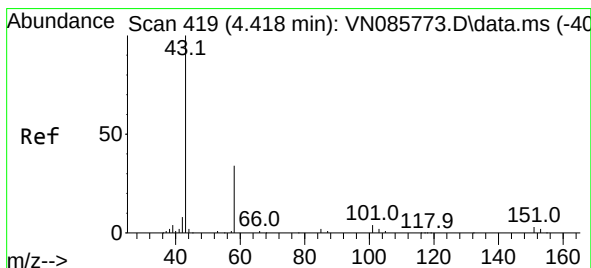
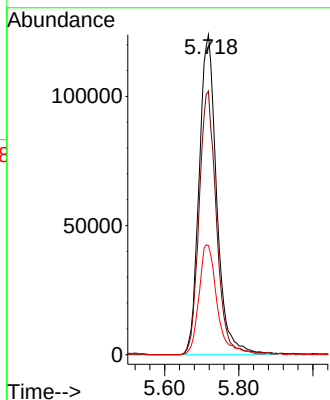
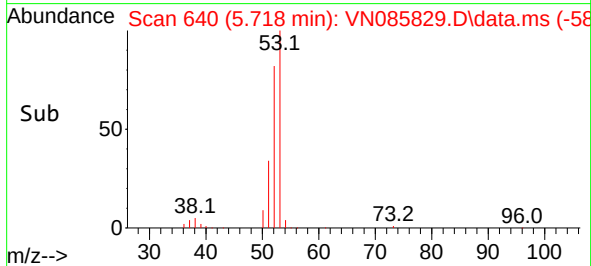
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



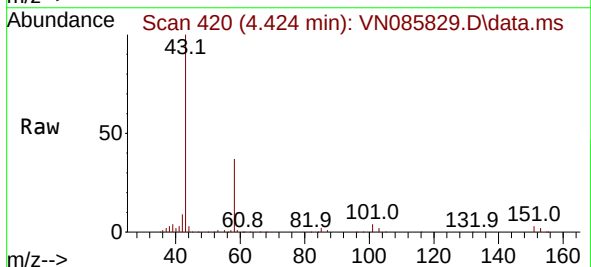
Tgt Ion: 53 Resp: 40868
Ion Ratio Lower Upper
53 100
52 81.1 65.8 98.6
51 35.6 28.6 42.8

Manual Integrations
APPROVED

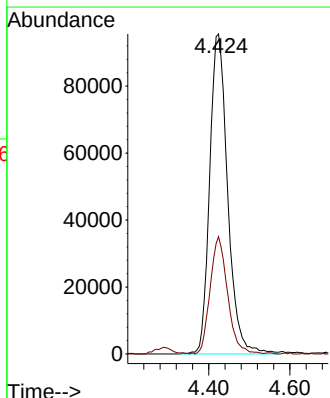
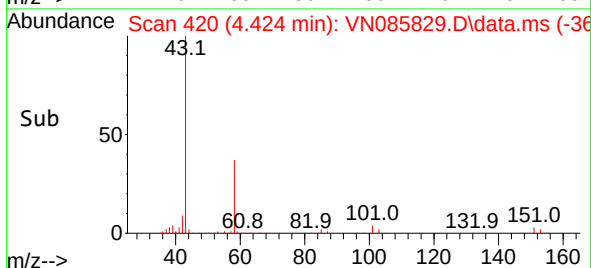
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

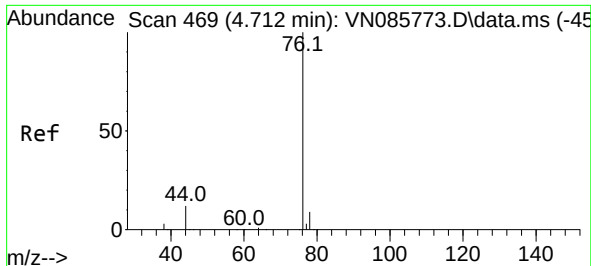


#16
Acetone
Concen: 264.466 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37



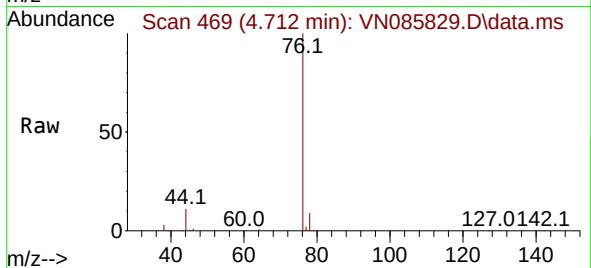
Tgt Ion: 43 Resp: 293349
Ion Ratio Lower Upper
43 100
58 36.7 27.5 41.3





#17
Carbon Disulfide
Concen: 47.411 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

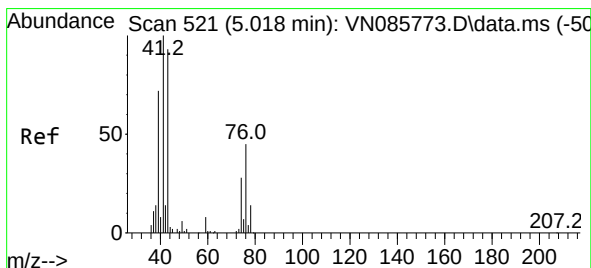
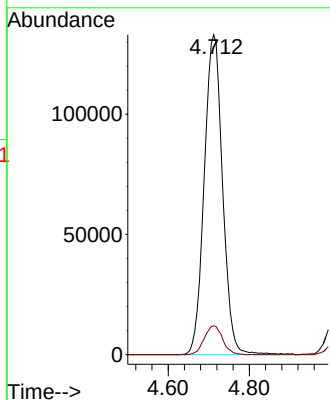
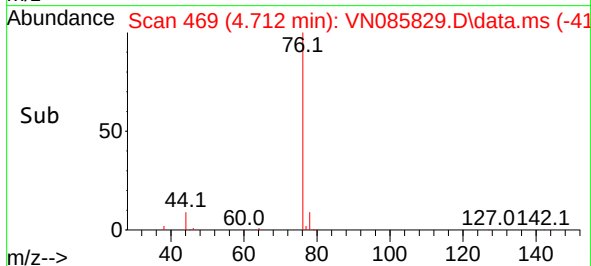
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 416649
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

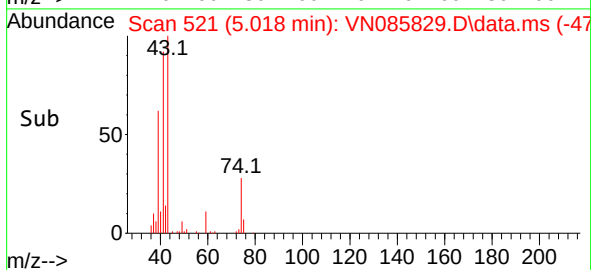
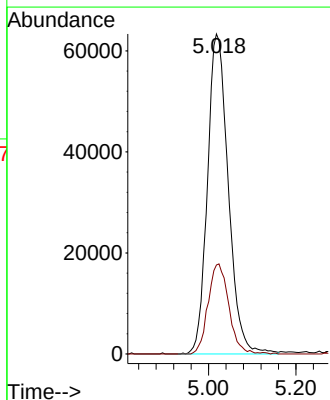
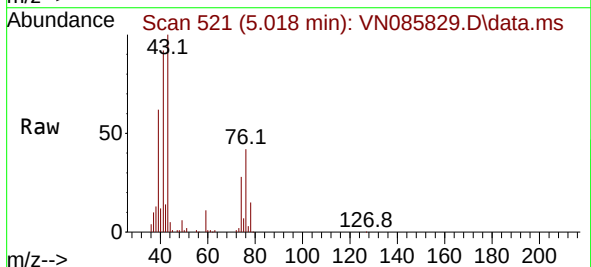
Manual Integrations
APPROVED

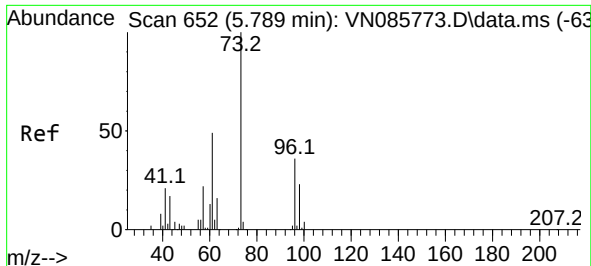
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#18
Methyl Acetate
Concen: 54.962 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

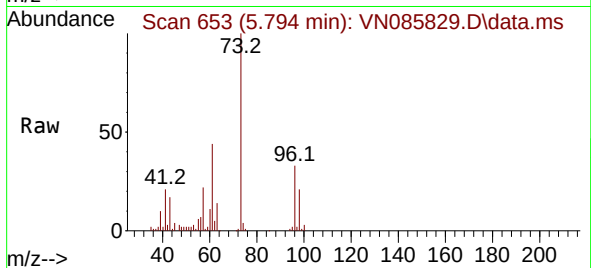
Tgt Ion: 43 Resp: 209690
Ion Ratio Lower Upper
43 100
74 27.8 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 55.865 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

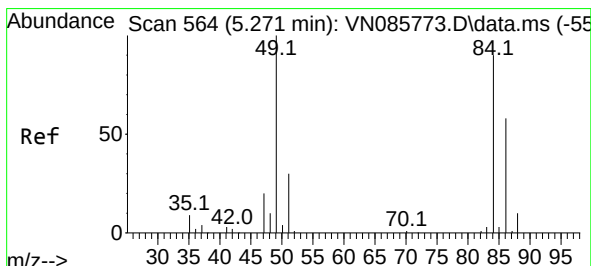
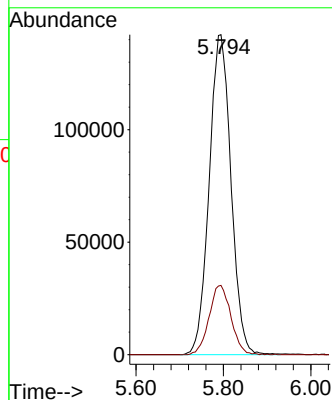
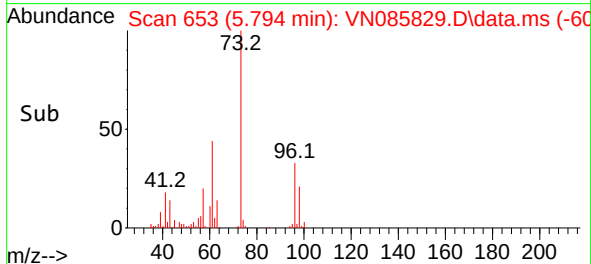
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 492240
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

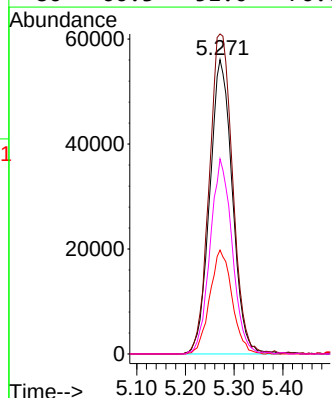
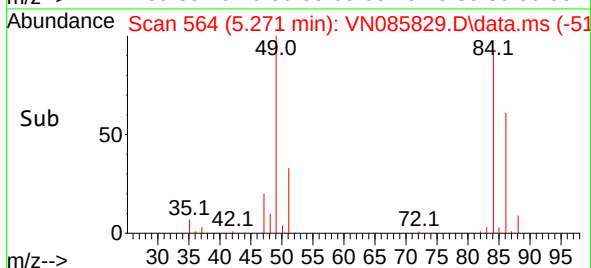
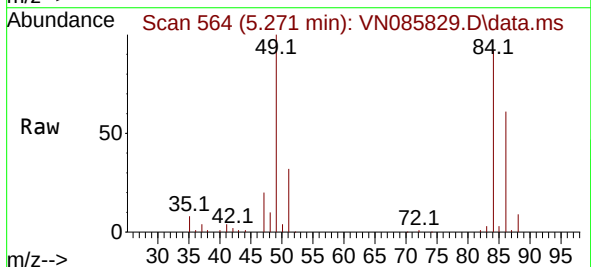
Manual Integrations
APPROVED

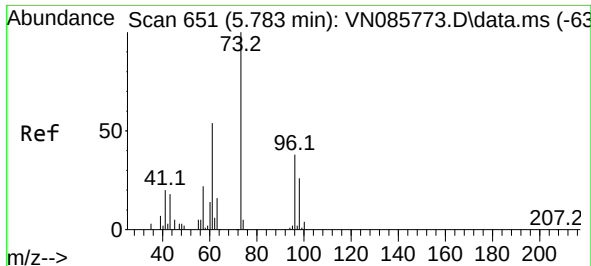
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#20
Methylene Chloride
Concen: 50.760 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

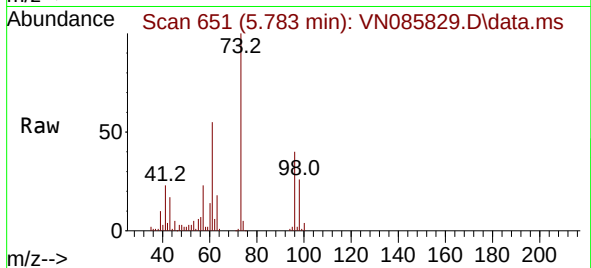
Tgt Ion: 84 Resp: 181067
Ion Ratio Lower Upper
84 100
49 108.8 88.4 132.6
51 35.3 26.6 40.0
86 66.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 51.388 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

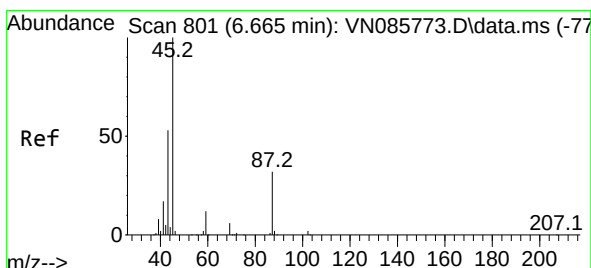
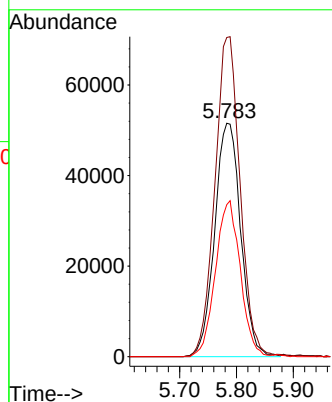
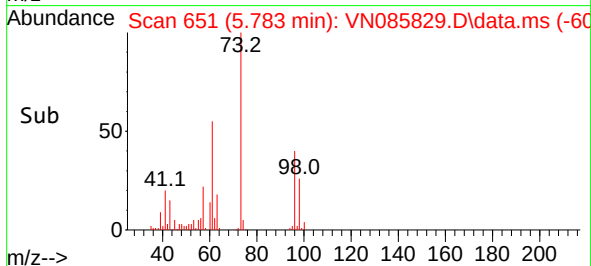
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



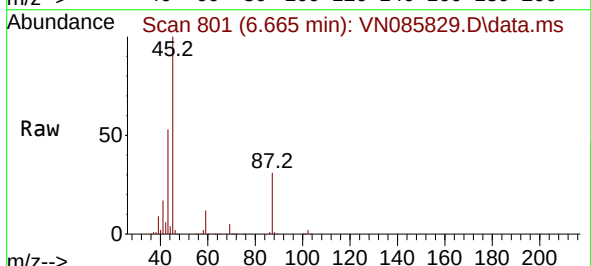
Tgt Ion: 96 Resp: 164073
Ion Ratio Lower Upper
96 100
61 136.7 112.6 168.8
98 65.1 53.3 79.9

Manual Integrations
APPROVED

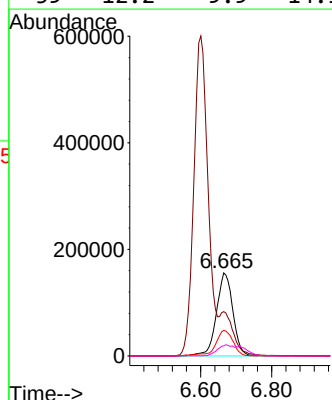
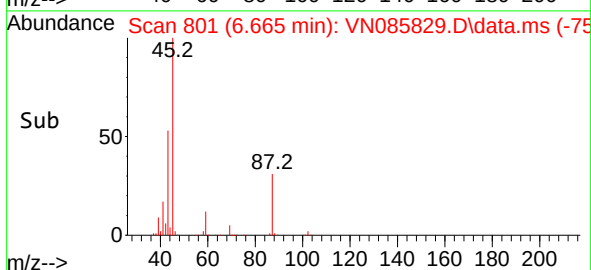
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

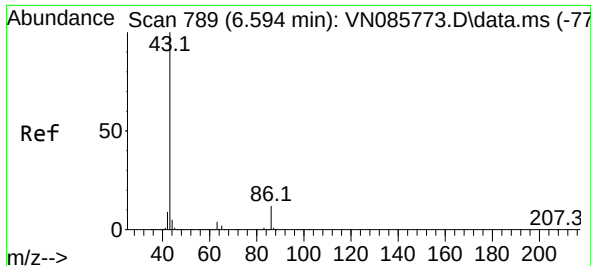


#22
Diisopropyl ether
Concen: 56.735 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37



Tgt Ion: 45 Resp: 499088
Ion Ratio Lower Upper
45 100
43 52.8 42.6 64.0
87 30.8 25.8 38.8
59 12.2 9.9 14.9





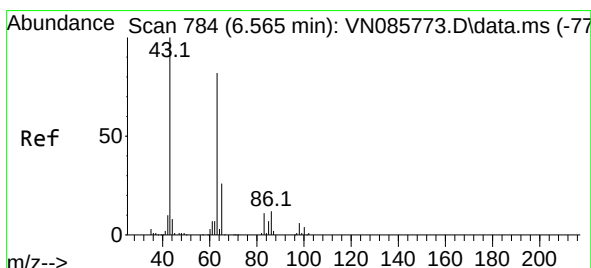
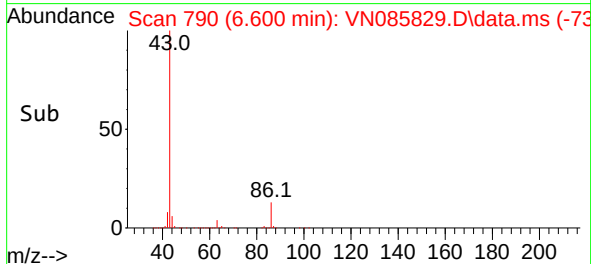
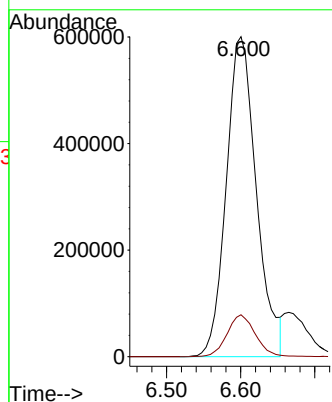
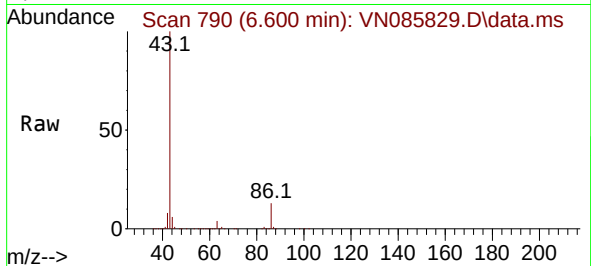
#23
 Vinyl Acetate
 Concen: 281.744 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085829.D
 Acq: 24 Feb 2025 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 169700
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.8 14.8

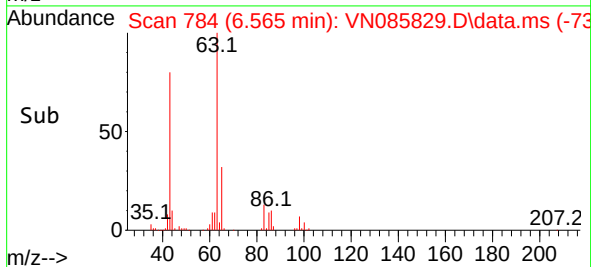
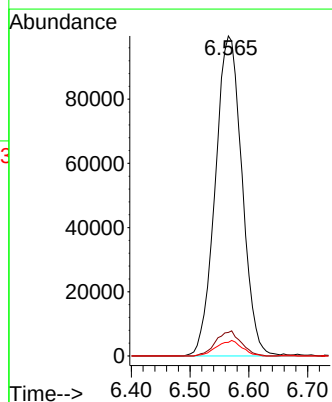
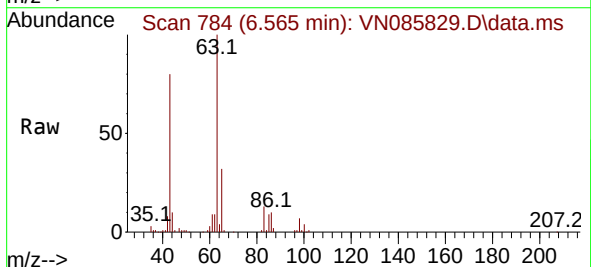
Manual Integrations
 APPROVED

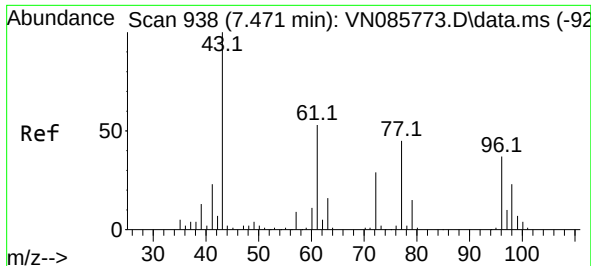
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#24
 1,1-Dichloroethane
 Concen: 52.606 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085829.D
 Acq: 24 Feb 2025 11:37

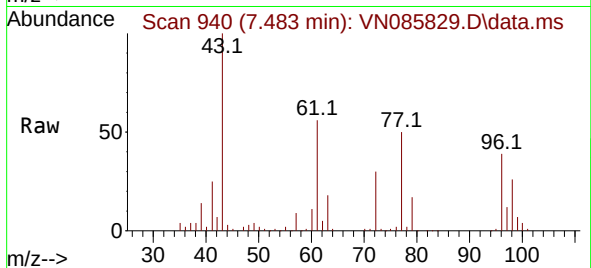
Tgt Ion: 63 Resp: 314583
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.2 2.4 7.2





#25
2-Butanone
Concen: 294.527 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

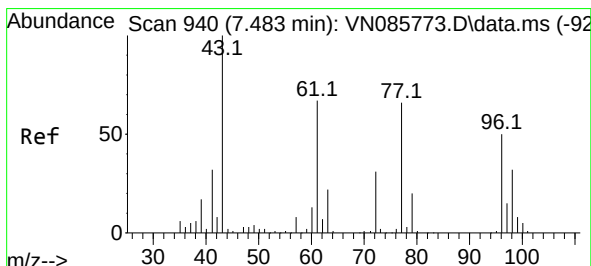
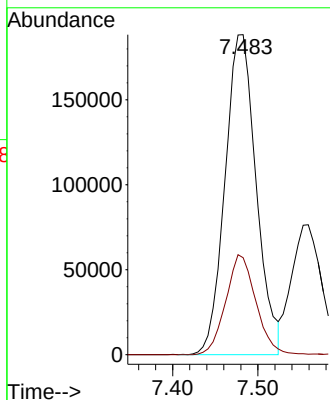
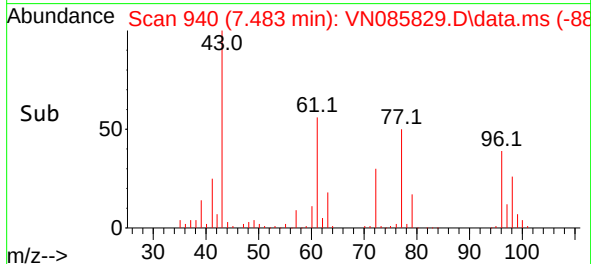
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



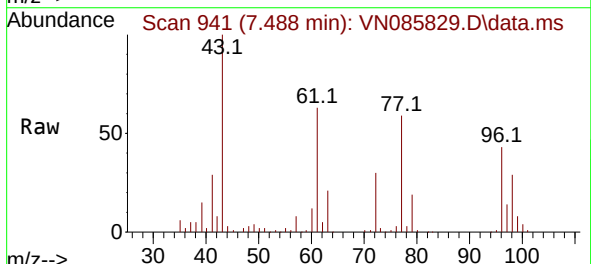
Tgt Ion: 43 Resp: 480620
Ion Ratio Lower Upper
43 100
72 30.3 23.6 35.4

Manual Integrations
APPROVED

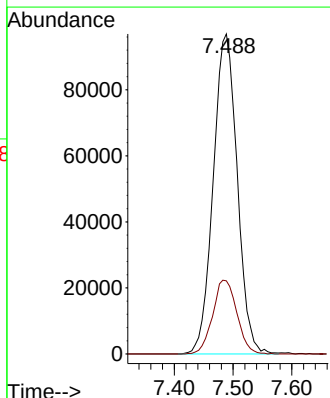
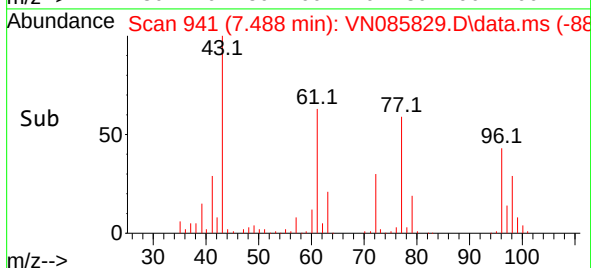
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

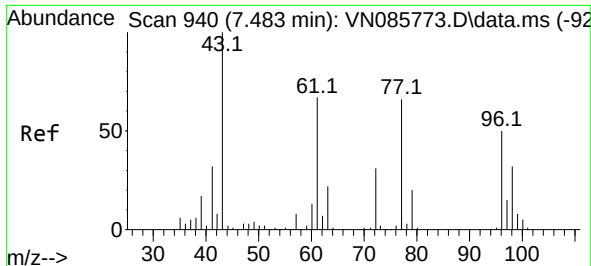


#26
2,2-Dichloropropane
Concen: 51.672 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37



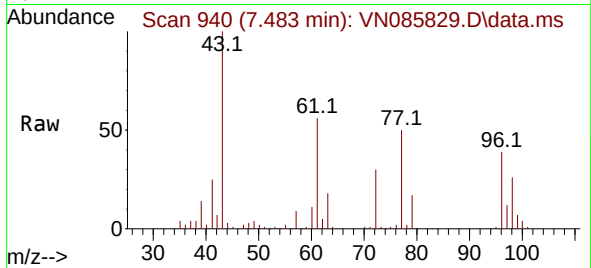
Tgt Ion: 77 Resp: 274765
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 52.265 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085829.D
 Acq: 24 Feb 2025 11:37

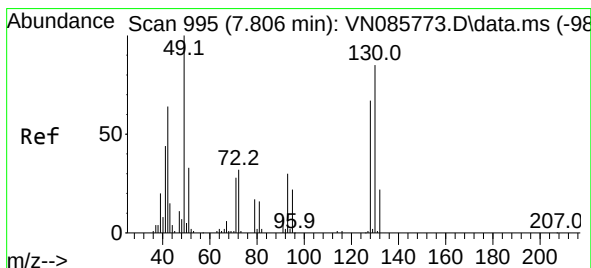
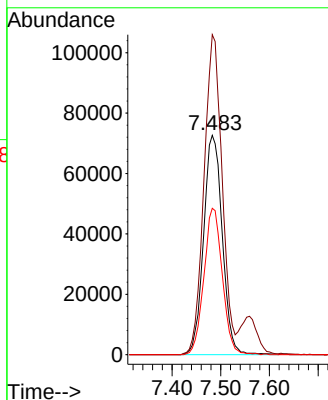
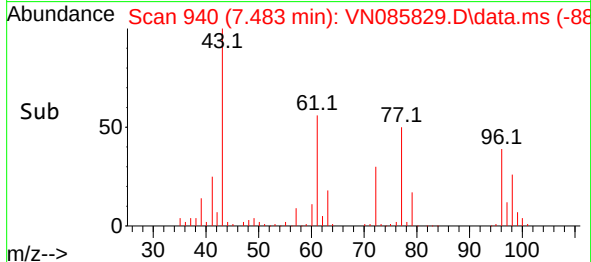
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



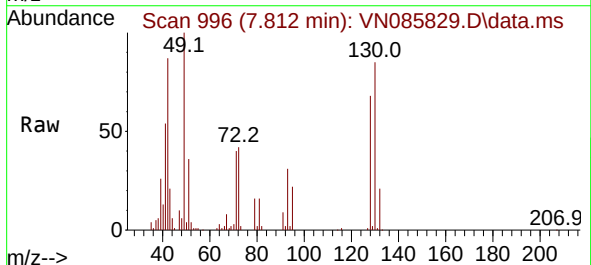
Tgt Ion: 96 Resp: 19348
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 280.6
 98 65.6 0.0 128.6

Manual Integrations
 APPROVED

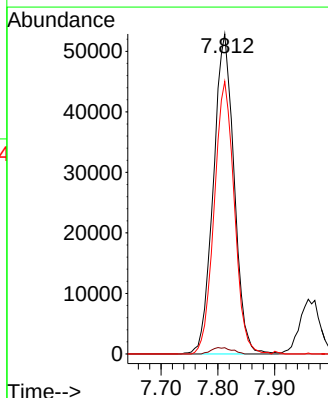
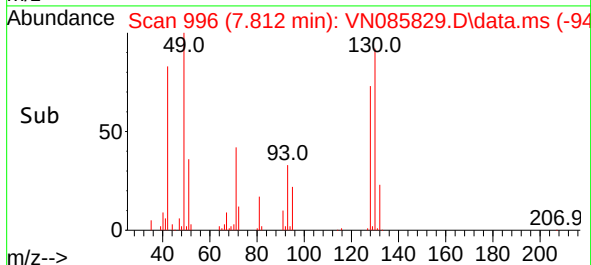
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025

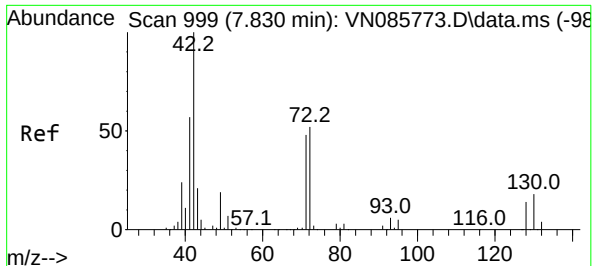


#28
 Bromochloromethane
 Concen: 54.576 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085829.D
 Acq: 24 Feb 2025 11:37



Tgt Ion: 49 Resp: 134140
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 82.5 68.0 102.0





#29

Tetrahydrofuran

Concen: 310.939 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085829.D

Acq: 24 Feb 2025 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 32765

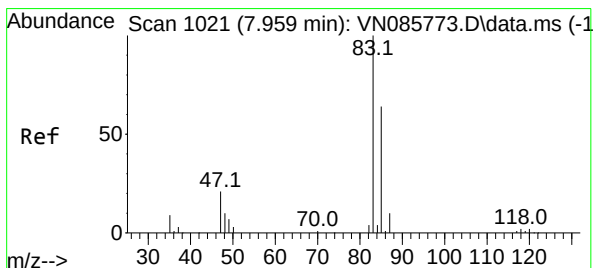
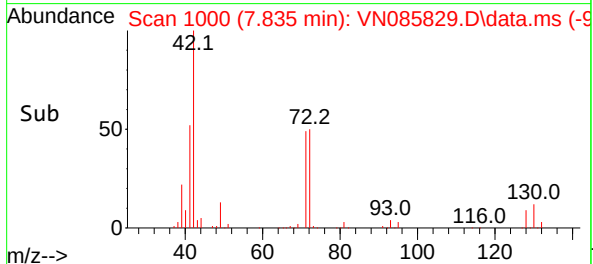
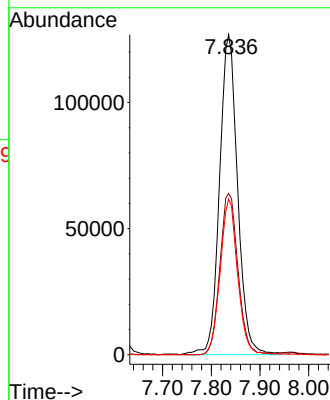
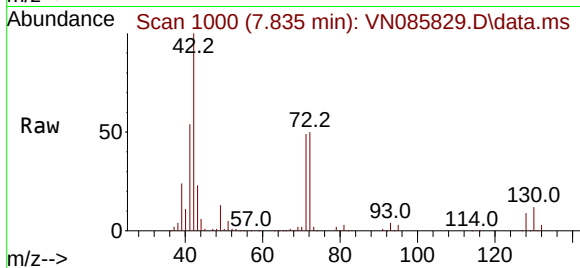
Ion	Ratio	Lower	Upper
42	100		
72	50.3	40.0	60.0
71	46.9	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#30

Chloroform

Concen: 52.128 ug/l

RT: 7.965 min Scan# 1022

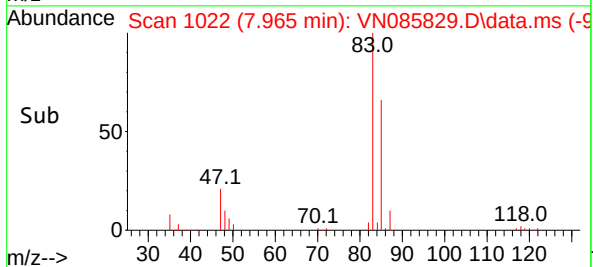
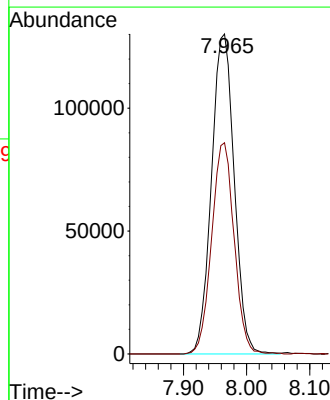
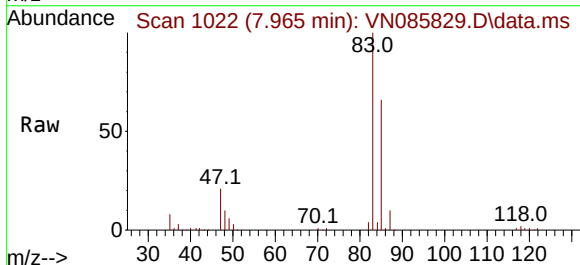
Delta R.T. 0.006 min

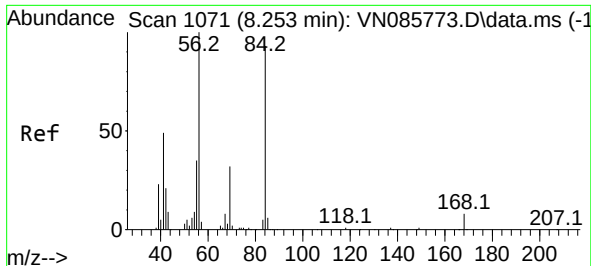
Lab File: VN085829.D

Acq: 24 Feb 2025 11:37

Tgt Ion: 83 Resp: 325765

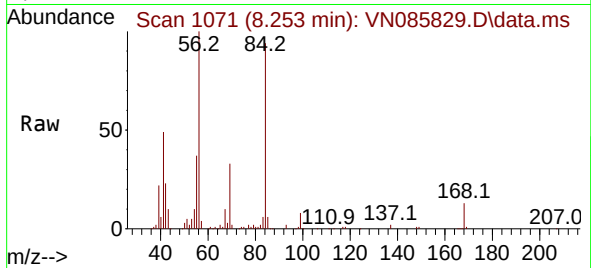
Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.9	76.3





#31
Cyclohexane
Concen: 48.945 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

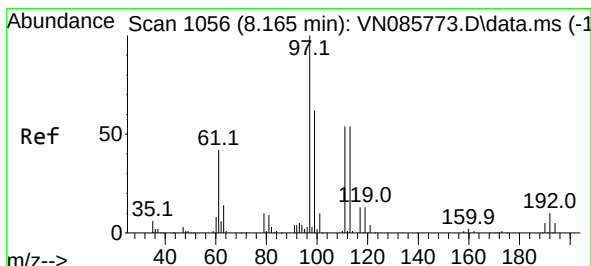
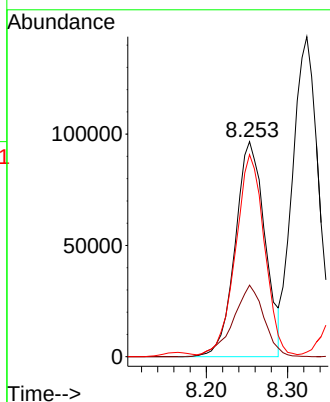
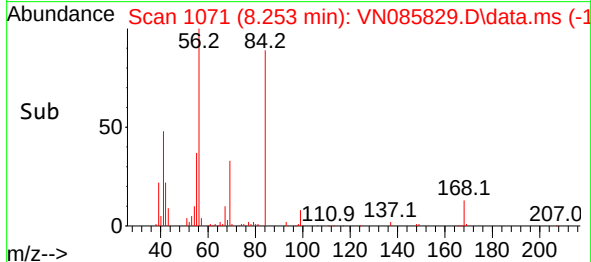
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 245063
Ion Ratio Lower Upper
56 100
69 33.2 25.8 38.6
84 92.0 74.5 111.7

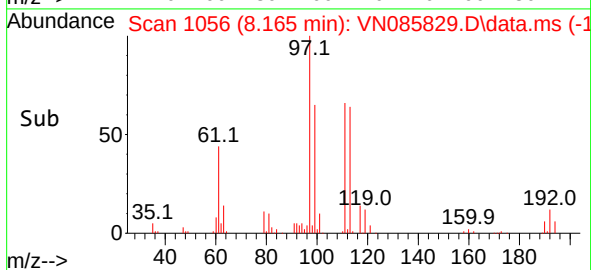
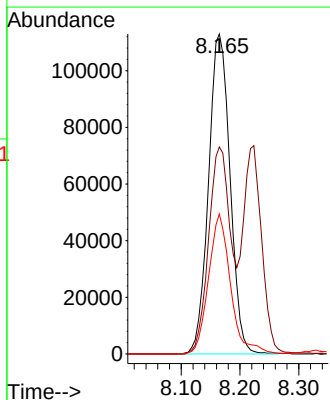
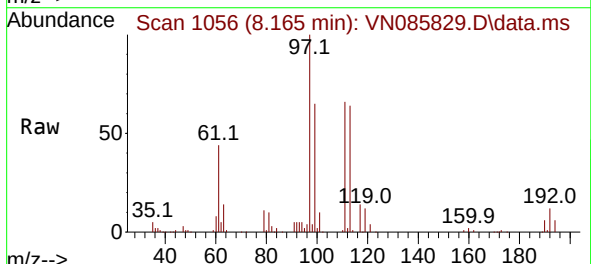
Manual Integrations
APPROVED

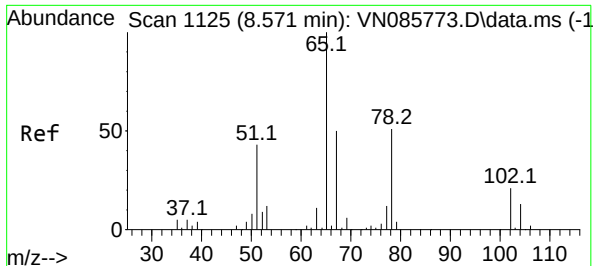
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#32
1,1,1-Trichloroethane
Concen: 51.709 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

Tgt Ion: 97 Resp: 287419
Ion Ratio Lower Upper
97 100
99 66.1 50.4 75.6
61 44.8 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 55.639 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085829.D

Acq: 24 Feb 2025 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050

Tgt Ion: 65 Resp: 19504

Ion Ratio Lower Upper

65 100

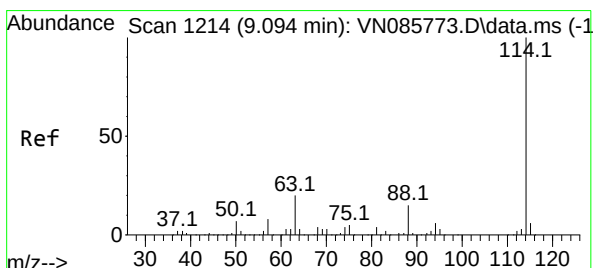
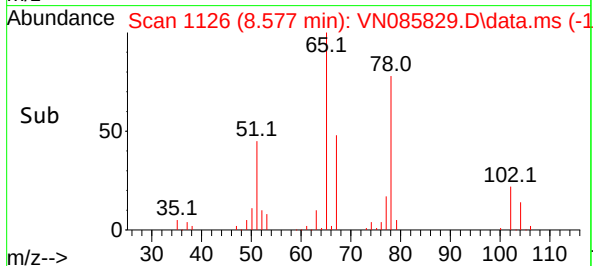
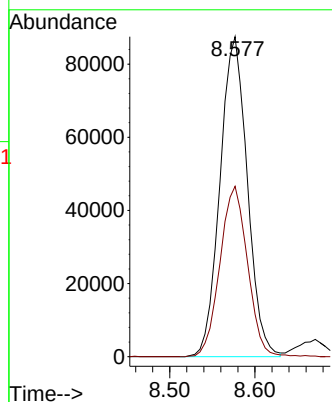
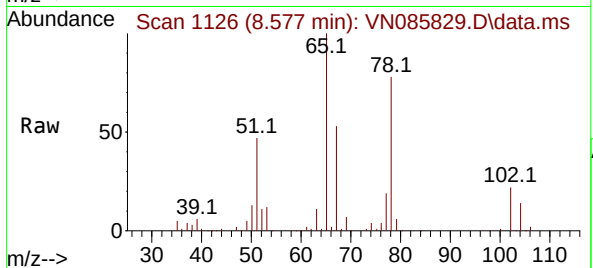
67 53.8 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085829.D

Acq: 24 Feb 2025 11:37

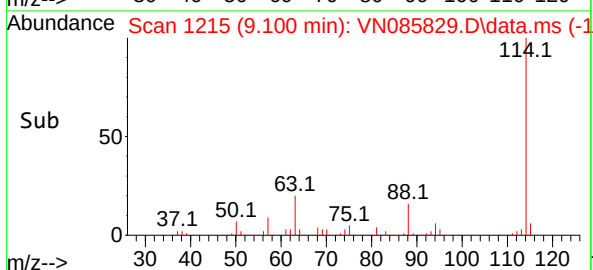
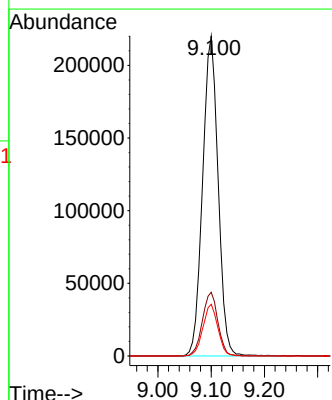
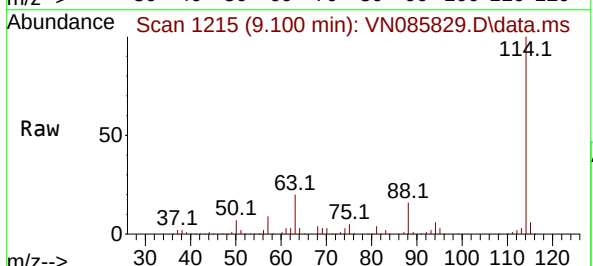
Tgt Ion:114 Resp: 444288

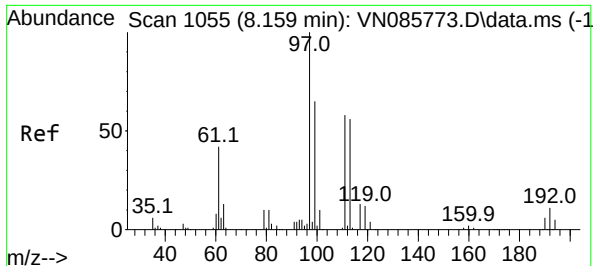
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

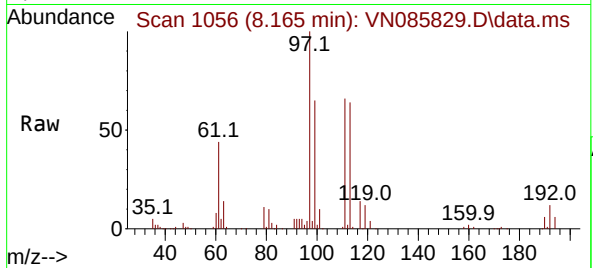
88 16.1 0.0 30.0





#35
Dibromofluoromethane
Concen: 58.676 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

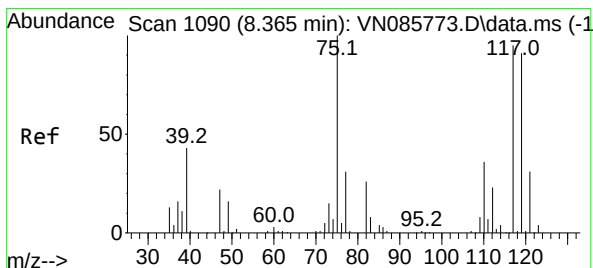
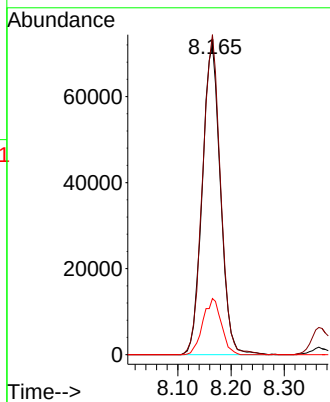
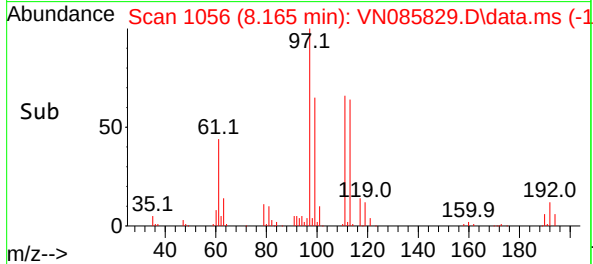
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



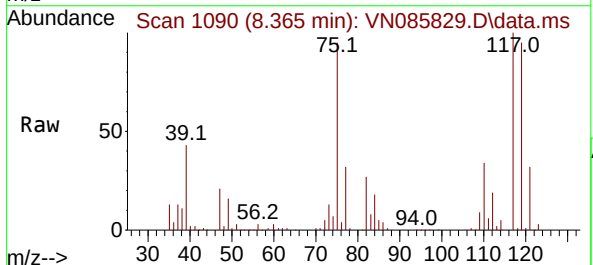
Tgt Ion: 113 Resp: 17058
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 18.4 14.7 22.1

Manual Integrations
APPROVED

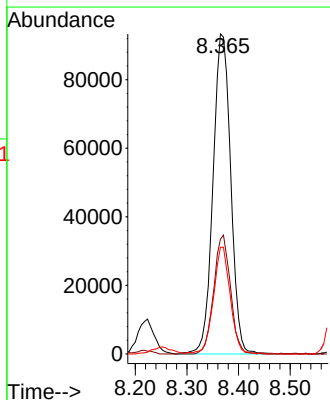
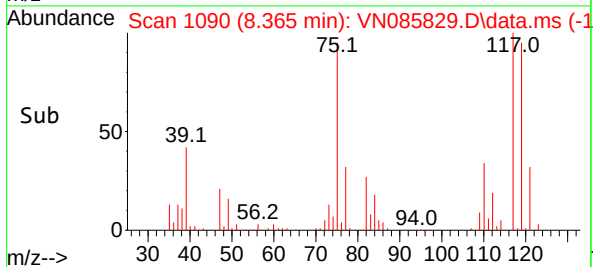
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

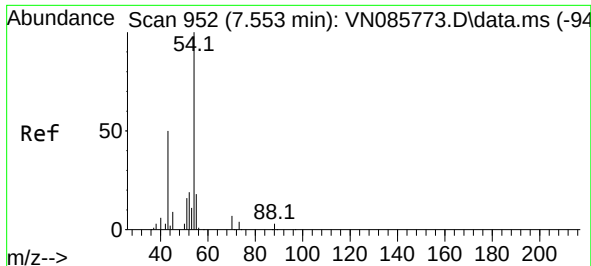


#36
1,1-Dichloropropene
Concen: 54.037 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37



Tgt Ion: 75 Resp: 222336
Ion Ratio Lower Upper
75 100
110 35.1 17.3 52.0
77 31.8 24.6 37.0





#37

Ethyl Acetate

Concen: 57.974 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085829.D

Acq: 24 Feb 2025 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 196298

Ion Ratio Lower Upper

43 100

61 14.9 12.2 18.2

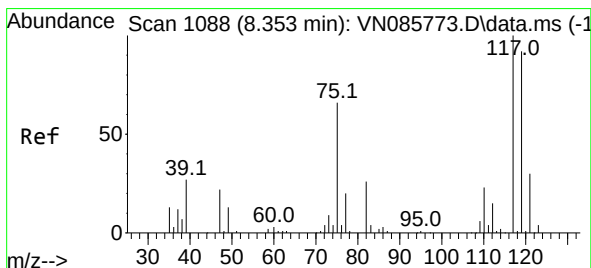
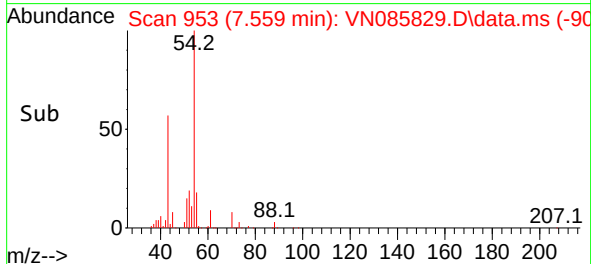
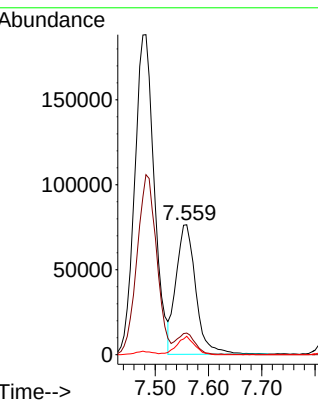
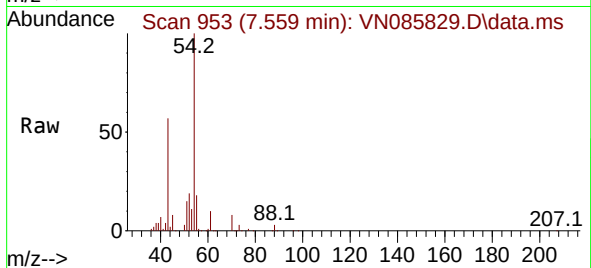
70 12.8 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#38

Carbon Tetrachloride

Concen: 53.654 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN085829.D

Acq: 24 Feb 2025 11:37

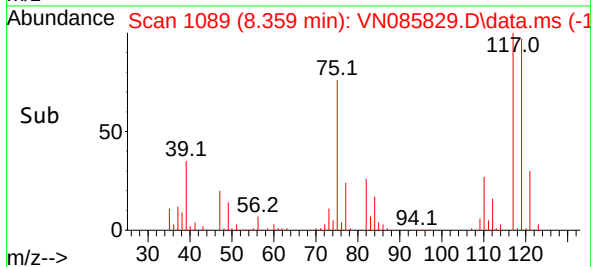
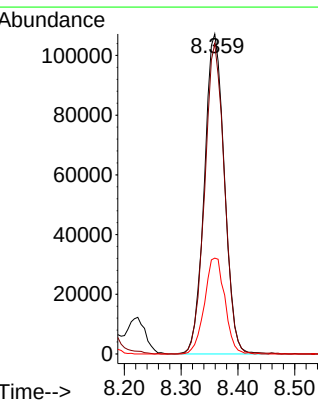
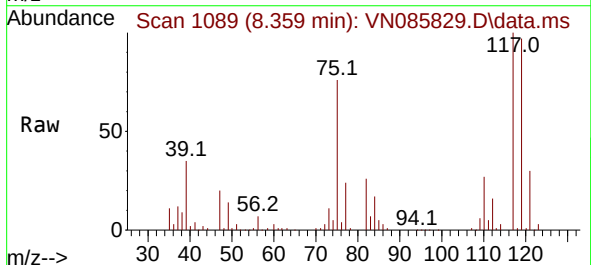
Tgt Ion:117 Resp: 262305

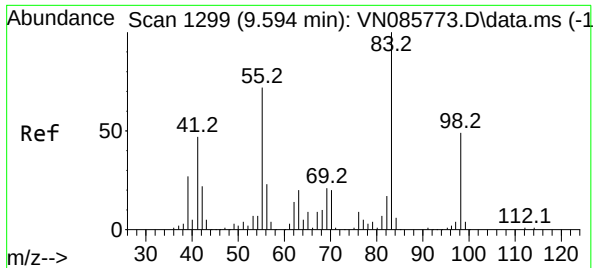
Ion Ratio Lower Upper

117 100

119 97.0 73.8 110.6

121 30.0 24.3 36.5





#39
Methylcyclohexane
Concen: 55.217 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

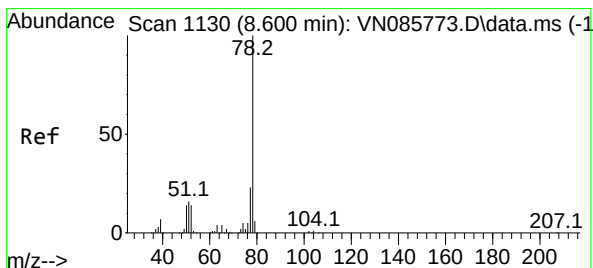
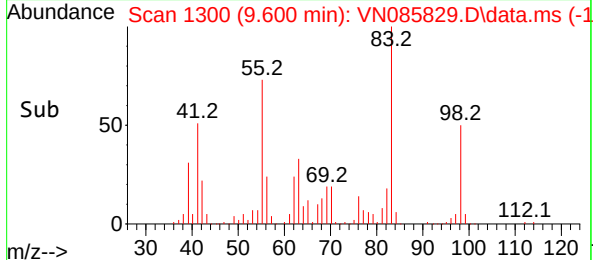
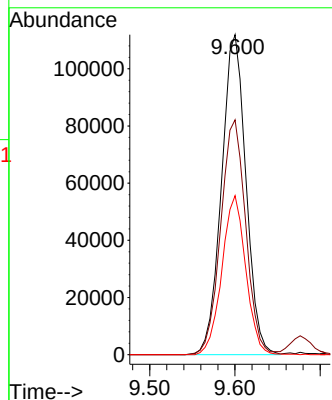
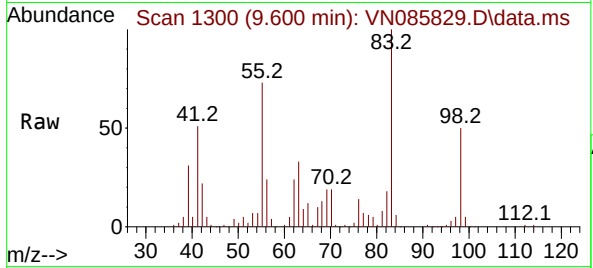
Tgt Ion: 83 Resp: 223189
Ion Ratio Lower Upper
83 100
55 73.4 57.5 86.3
98 49.7 39.2 58.8

Manual Integrations

APPROVED

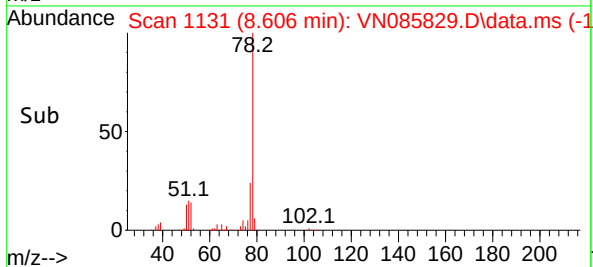
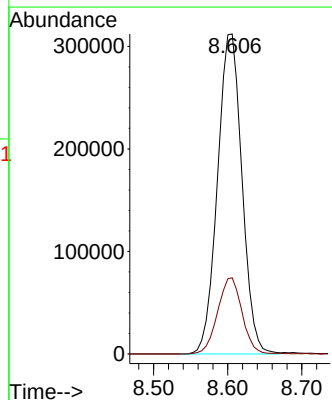
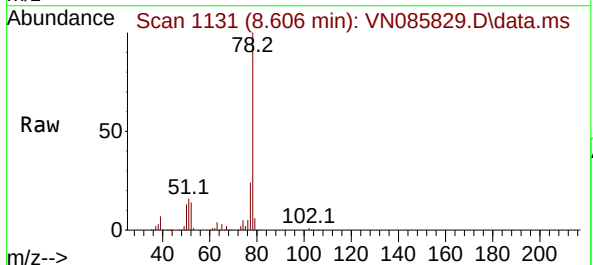
Reviewed By :John Carlone 02/25/2025

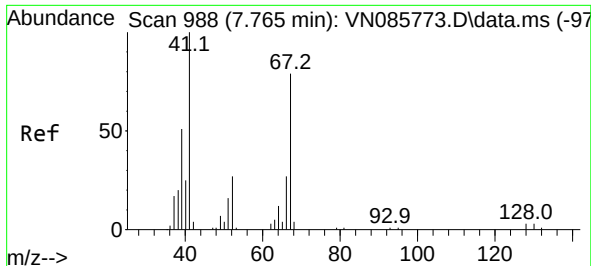
Supervised By :Mahesh Dadoda 02/25/2025



#40
Benzene
Concen: 54.323 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

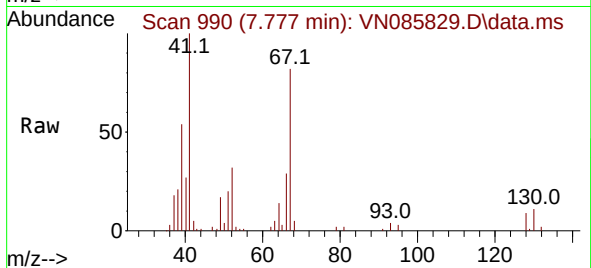
Tgt Ion: 78 Resp: 716363
Ion Ratio Lower Upper
78 100
77 23.8 18.3 27.5





#41
Methacrylonitrile
Concen: 58.349 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

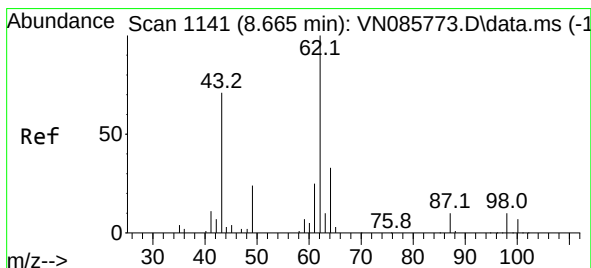
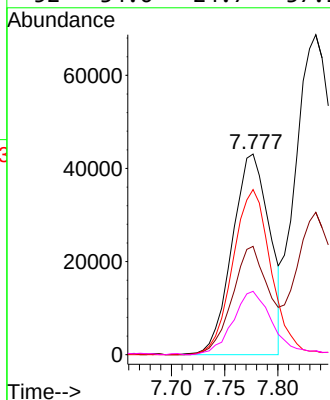
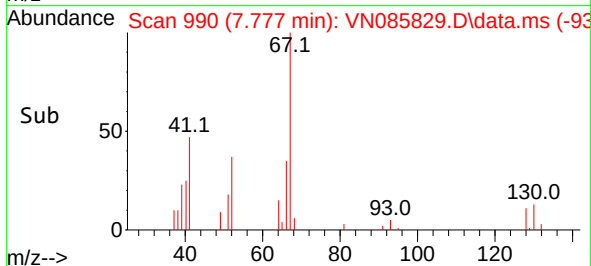
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 10561
Ion Ratio Lower Upper
41 100
39 52.3 42.0 63.0
67 84.3 64.2 96.4
52 34.6 24.7 37.1

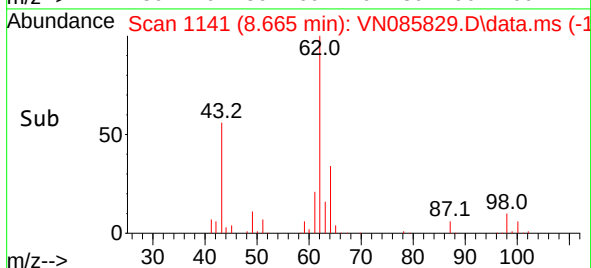
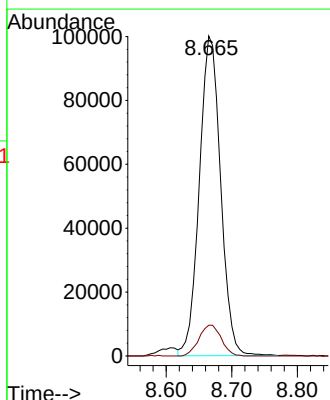
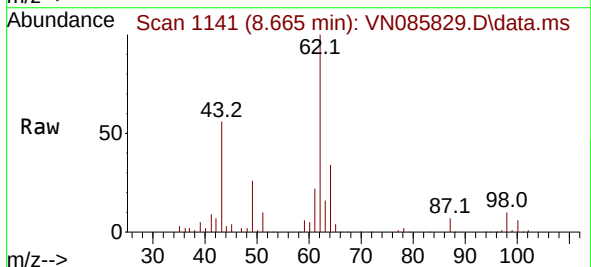
Manual Integrations
APPROVED

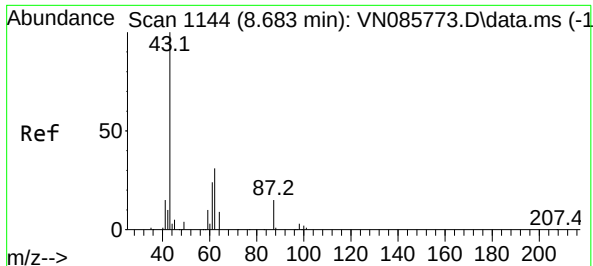
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#42
1,2-Dichloroethane
Concen: 52.542 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

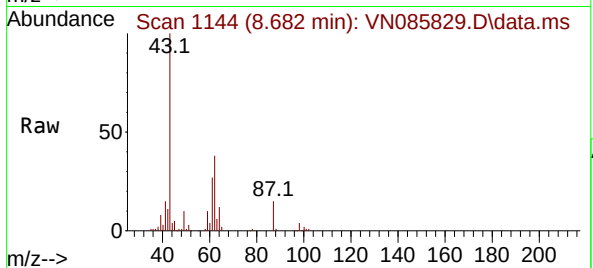
Tgt Ion: 62 Resp: 225691
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.6





#43
Isopropyl Acetate
Concen: 55.521 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

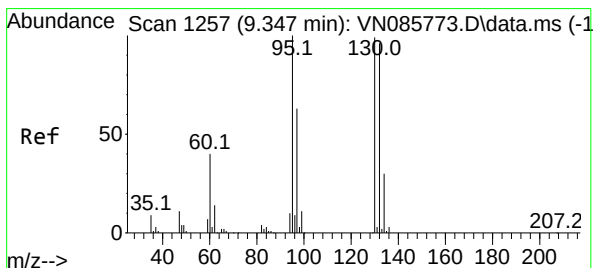
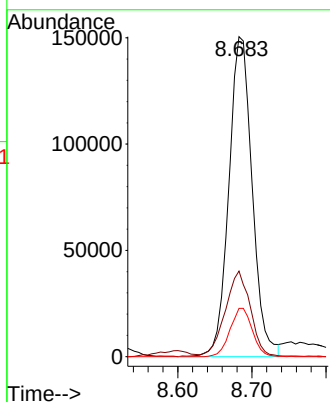
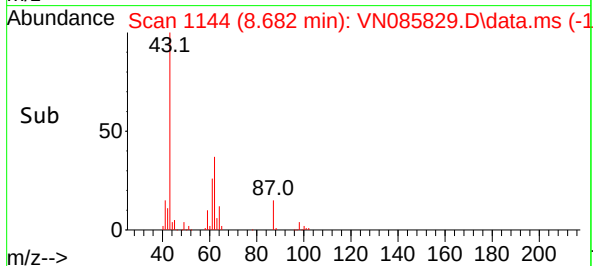
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 329560
Ion Ratio Lower Upper
43 100
61 28.6 22.6 34.0
87 14.4 11.8 17.8

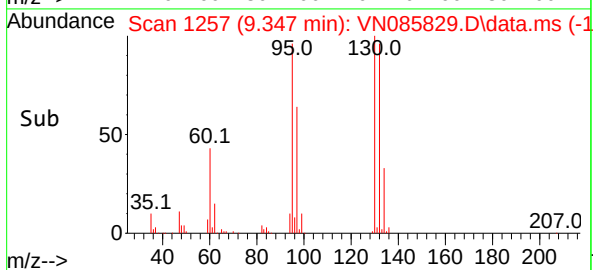
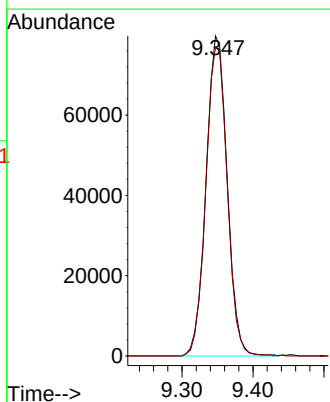
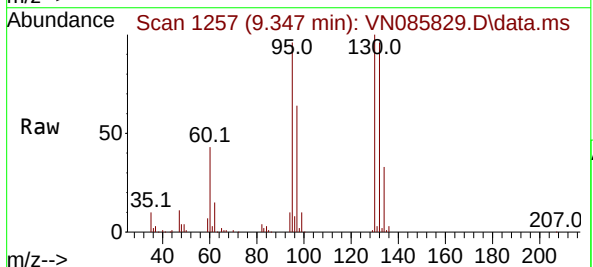
Manual Integrations
APPROVED

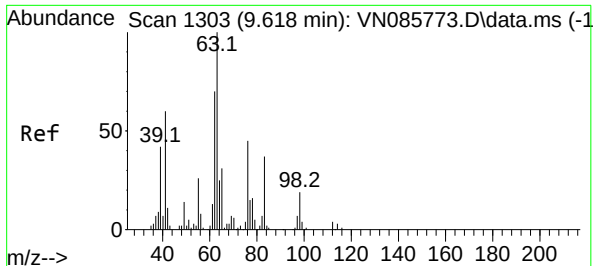
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#44
Trichloroethene
Concen: 50.665 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

Tgt Ion:130 Resp: 164046
Ion Ratio Lower Upper
130 100
95 96.4 0.0 202.6





#45

1,2-Dichloropropane

Concen: 55.144 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085829.D

Acq: 24 Feb 2025 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 175530

Ion Ratio Lower Upper

63 100

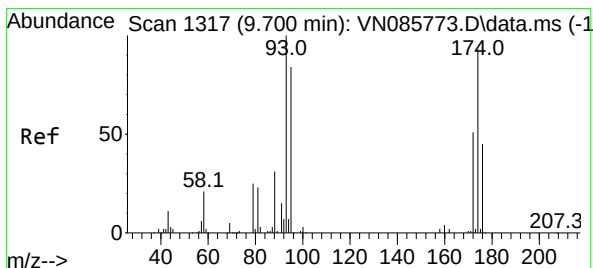
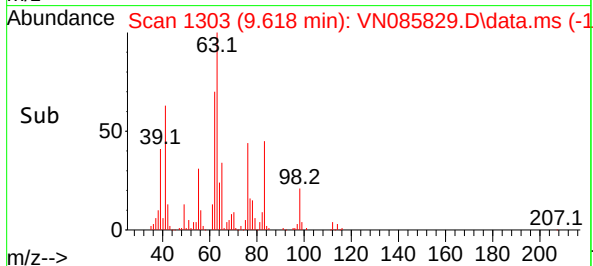
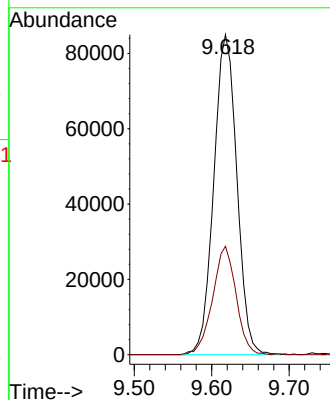
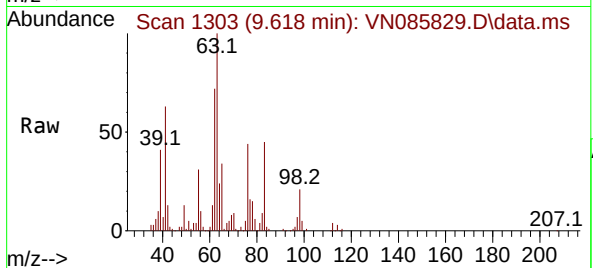
65 33.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#46

Dibromomethane

Concen: 54.933 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085829.D

Acq: 24 Feb 2025 11:37

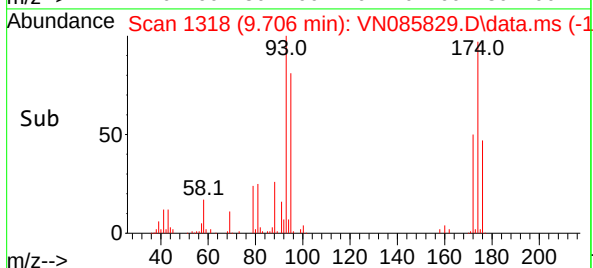
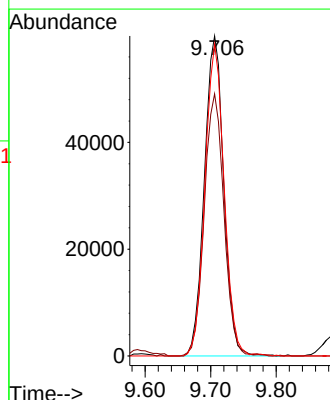
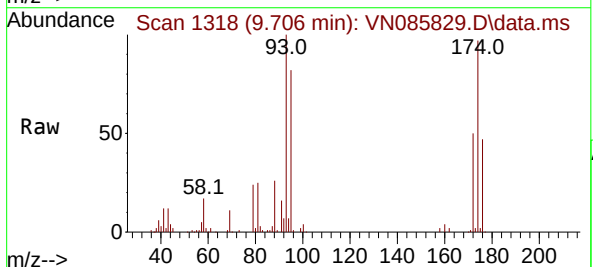
Tgt Ion: 93 Resp: 123339

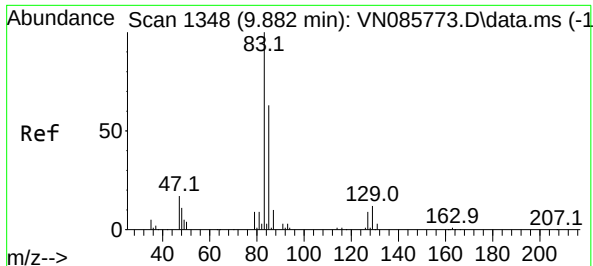
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

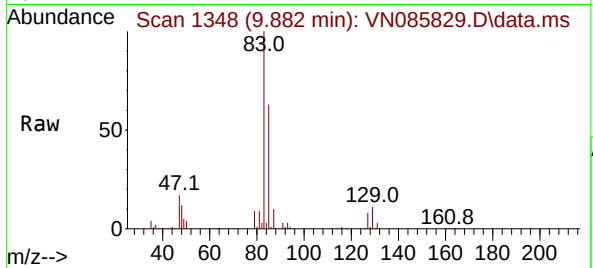
174 96.7 77.2 115.8





#47
Bromodichloromethane
Concen: 53.518 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

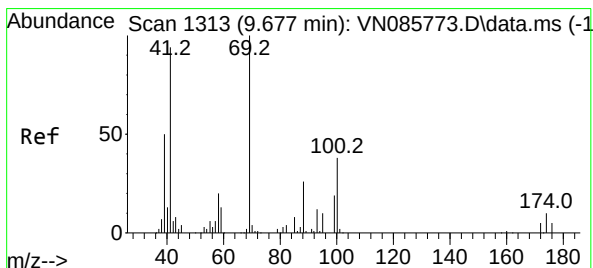
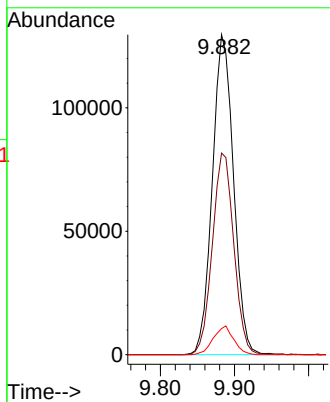
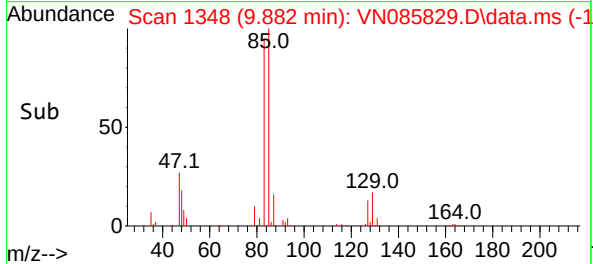
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



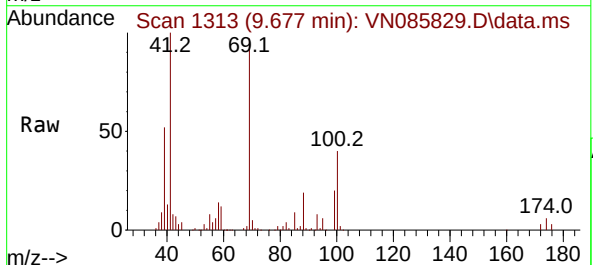
Tgt Ion: 83 Resp: 257086
Ion Ratio Lower Upper
83 100
85 63.0 50.5 75.7
127 8.2 7.2 10.8

Manual Integrations
APPROVED

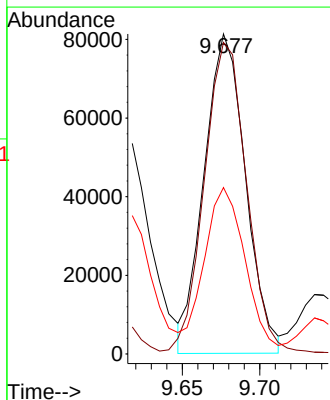
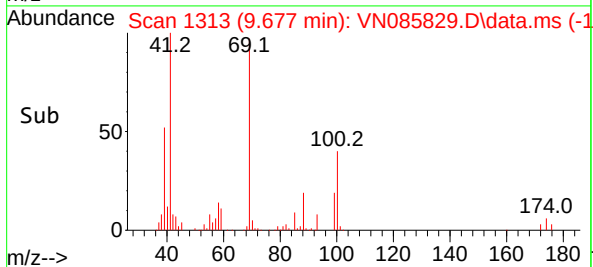
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

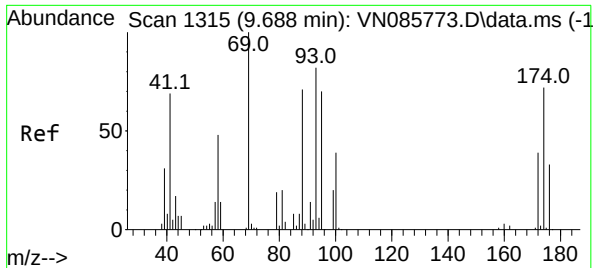


#48
Methyl methacrylate
Concen: 60.014 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37



Tgt Ion: 41 Resp: 150912
Ion Ratio Lower Upper
41 100
69 100.4 76.0 114.0
39 52.0 42.3 63.5





#49

1,4-Dioxane

Concen: 1232.633 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085829.D

Acq: 24 Feb 2025 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5894

Ion Ratio Lower Upper

88 100

43 24.4 18.6 27.8

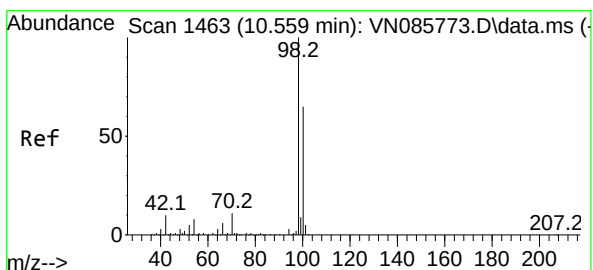
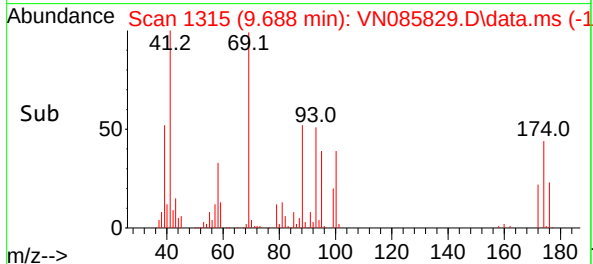
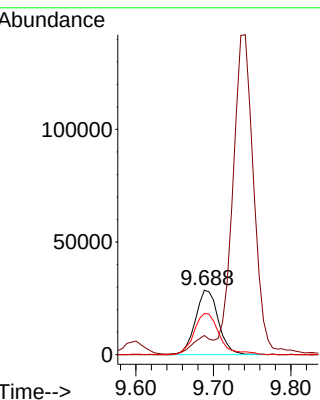
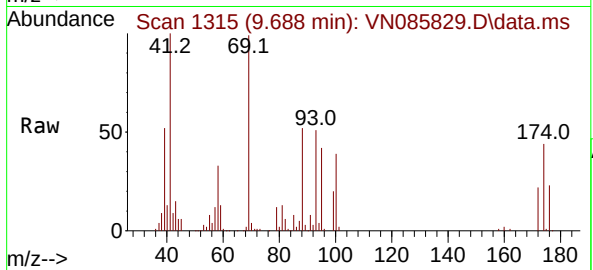
58 70.5 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#50

Toluene-d8

Concen: 59.993 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085829.D

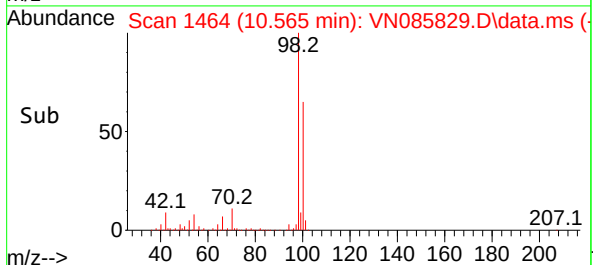
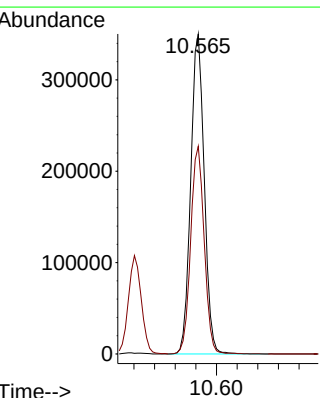
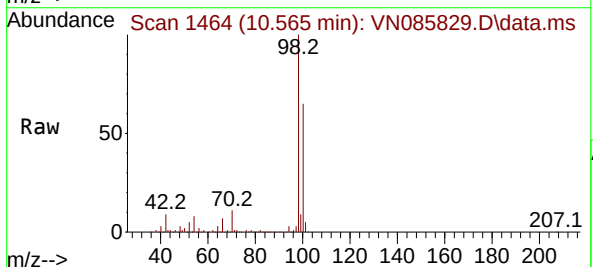
Acq: 24 Feb 2025 11:37

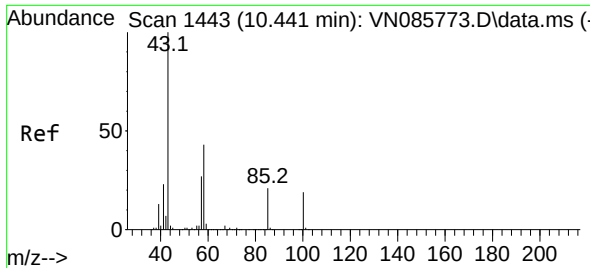
Tgt Ion: 98 Resp: 634568

Ion Ratio Lower Upper

98 100

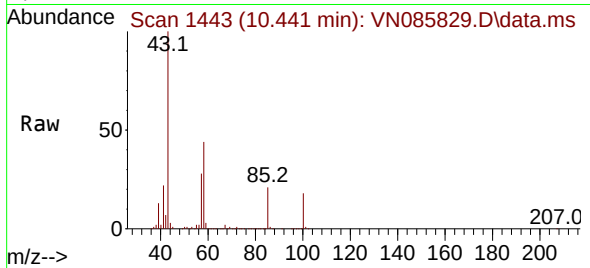
100 65.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 317.207 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

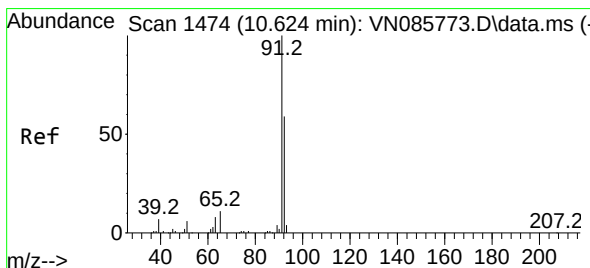
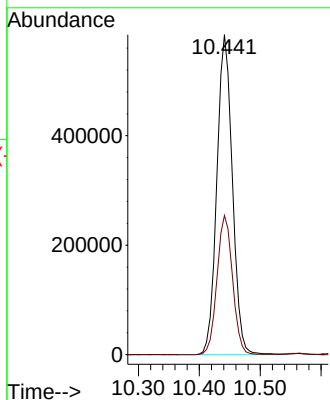
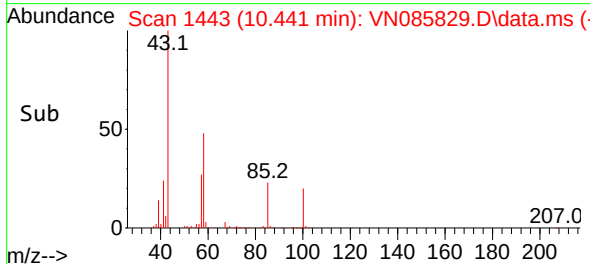
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



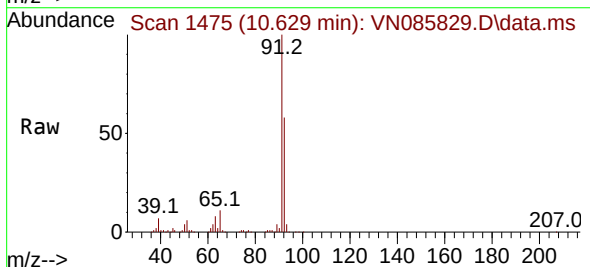
Tgt Ion: 43 Resp: 1035530
Ion Ratio Lower Upper
43 100
58 43.7 34.6 52.0

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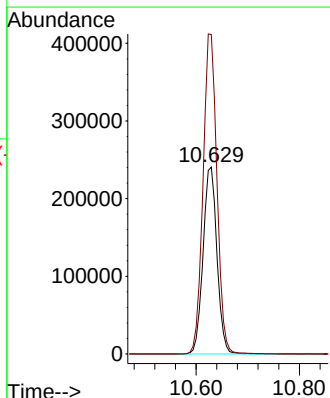
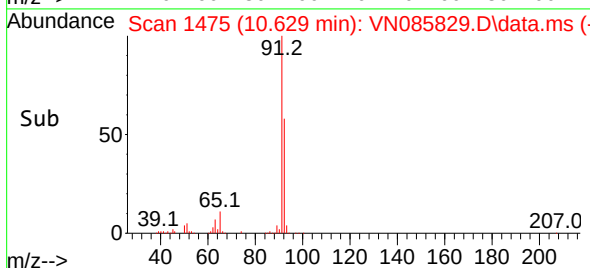
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

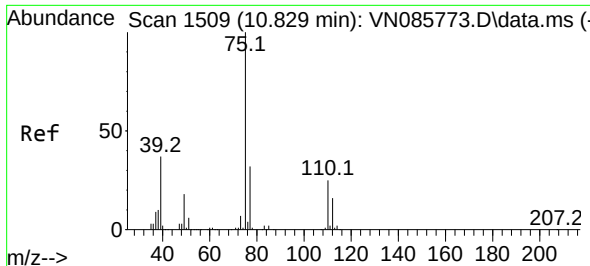


#52
Toluene
Concen: 58.015 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37



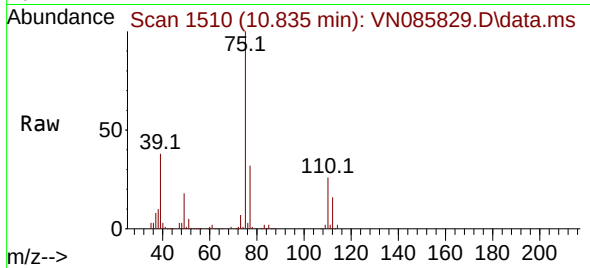
Tgt Ion: 92 Resp: 448464
Ion Ratio Lower Upper
92 100
91 171.8 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 56.589 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

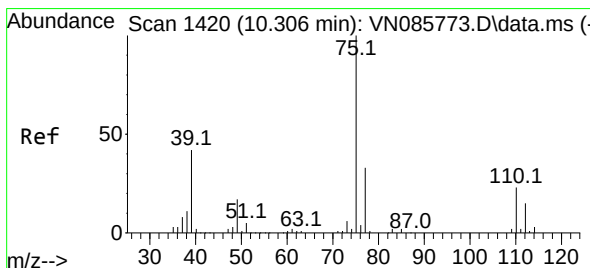
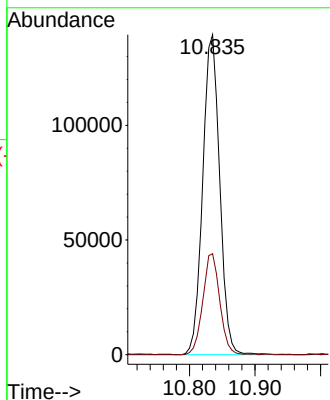
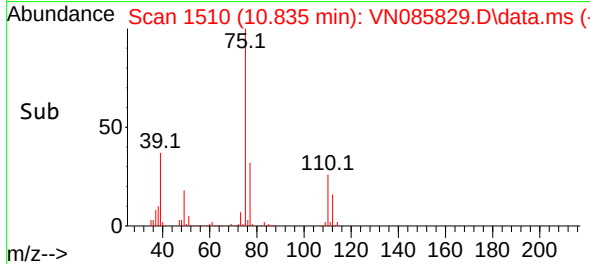
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 25136
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

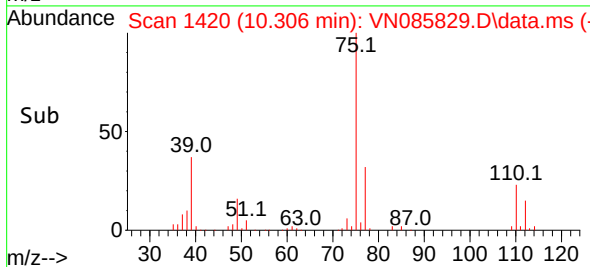
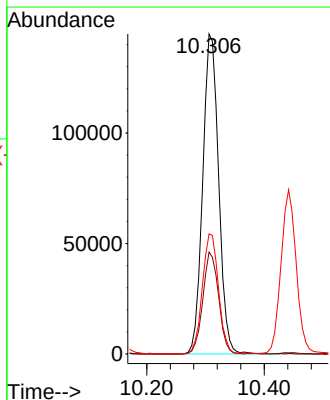
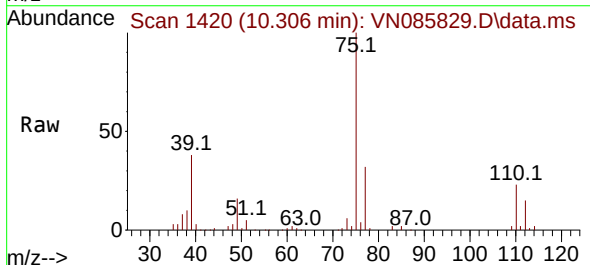
Manual Integrations
APPROVED

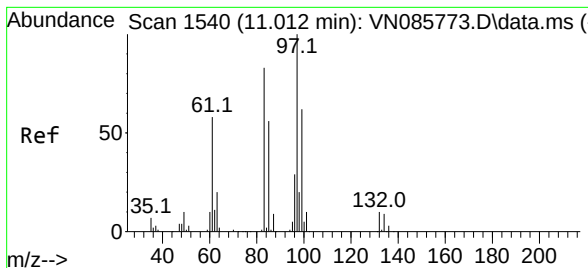
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#54
cis-1,3-Dichloropropene
Concen: 55.876 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

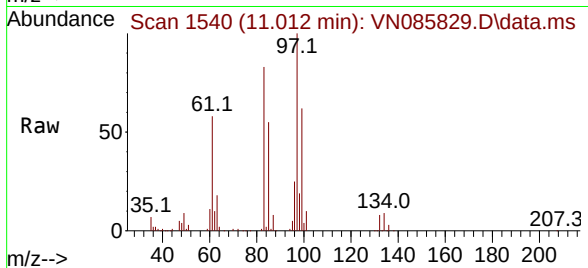
Tgt Ion: 75 Resp: 272160
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
39 37.6 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 55.813 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

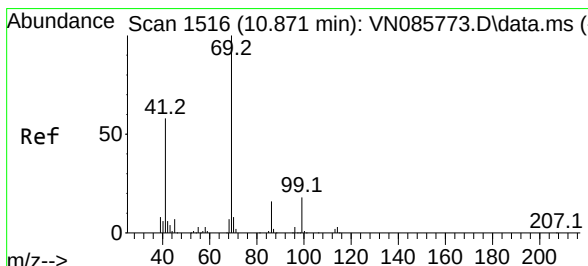
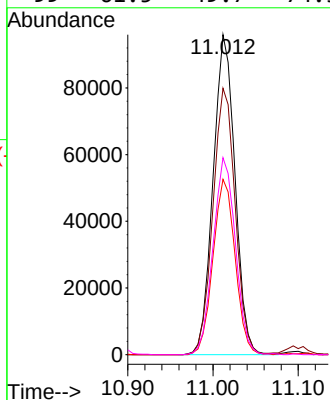
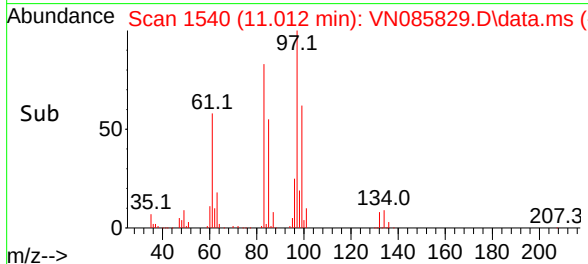
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



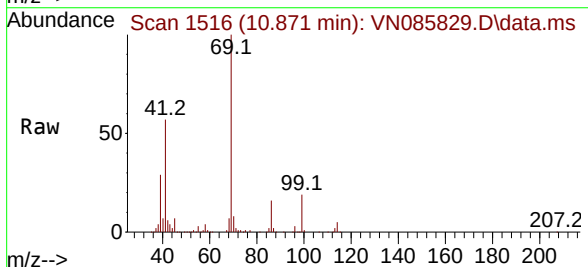
Tgt Ion: 97	Resp: 171538
Ion Ratio	Lower Upper
97 100	
83 83.2	66.1 99.1
85 54.8	44.7 67.1
99 61.5	49.7 74.5

Manual Integrations
APPROVED

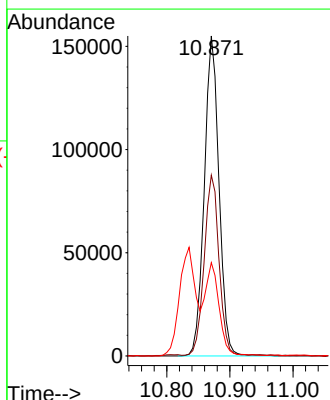
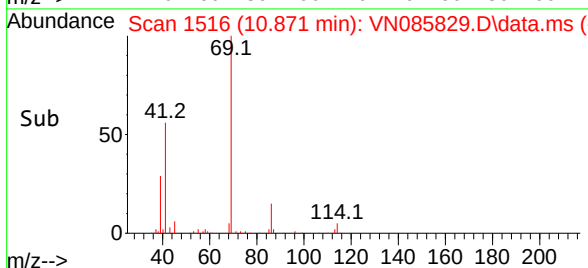
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

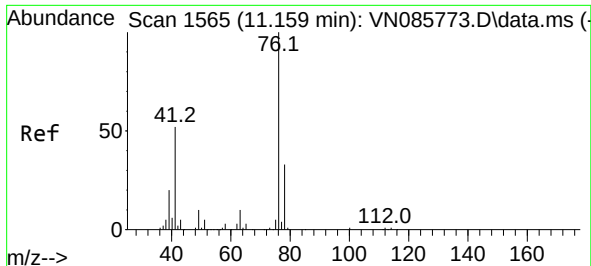


#56
Ethyl methacrylate
Concen: 55.991 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37



Tgt Ion: 69		Resp: 251054	
Ion	Ratio	Lower	Upper
69	100		
41	56.3	46.0	69.0
39	27.7	22.0	33.0





#57

1,3-Dichloropropane

Concen: 56.820 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085829.D

Acq: 24 Feb 2025 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 29152

Ion Ratio Lower Upper

76 100

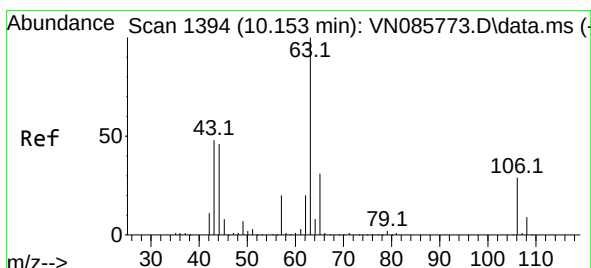
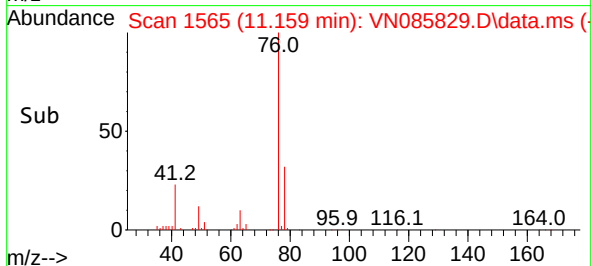
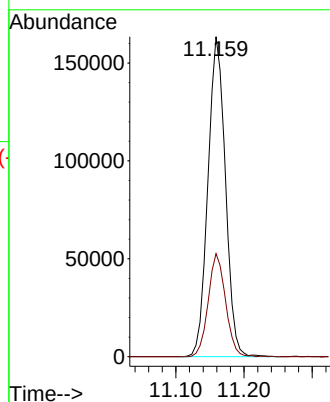
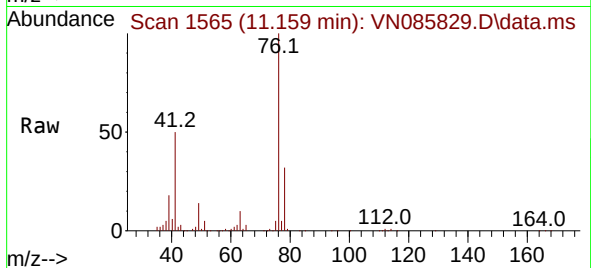
78 32.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#58

2-Chloroethyl Vinyl ether

Concen: 255.958 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085829.D

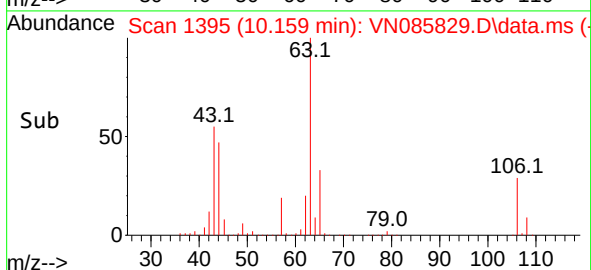
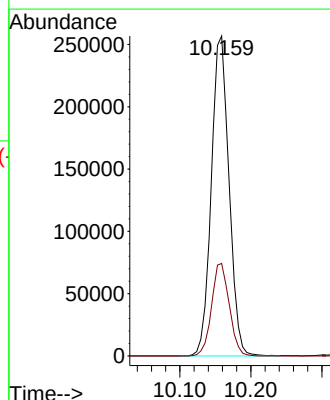
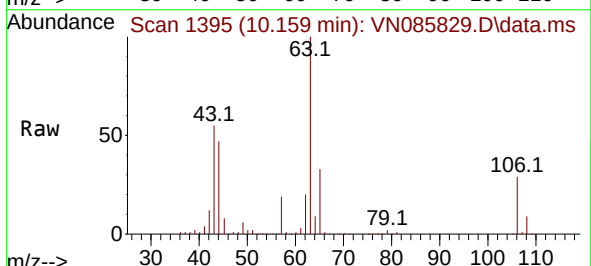
Acq: 24 Feb 2025 11:37

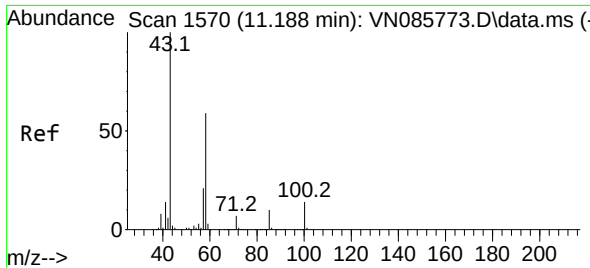
Tgt Ion: 63 Resp: 443855

Ion Ratio Lower Upper

63 100

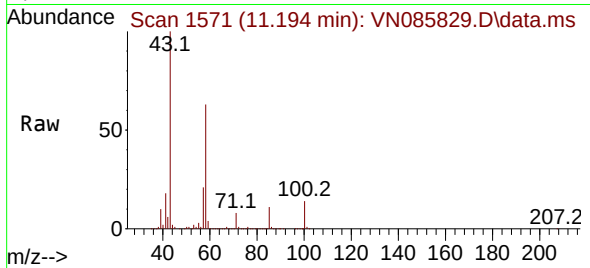
106 28.9 22.7 34.1





#59
2-Hexanone
Concen: 334.610 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

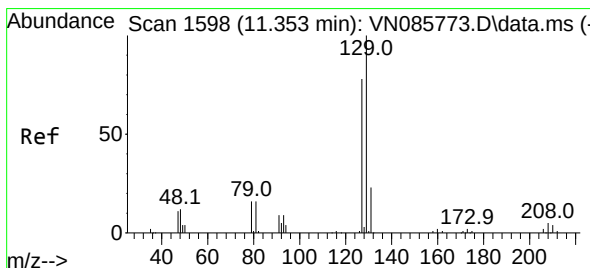
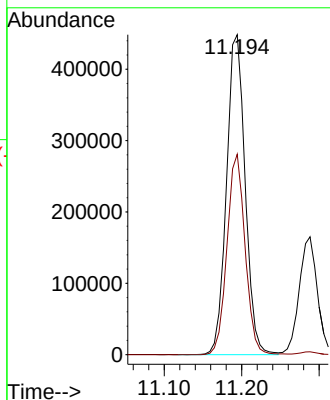
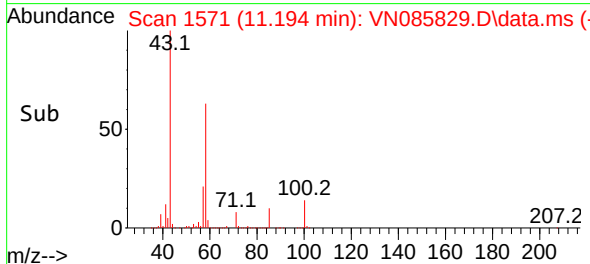
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 751470
Ion Ratio Lower Upper
43 100
58 60.9 29.8 89.5

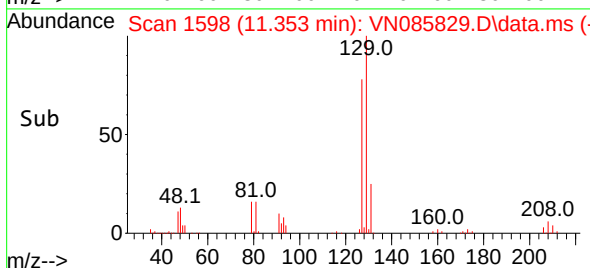
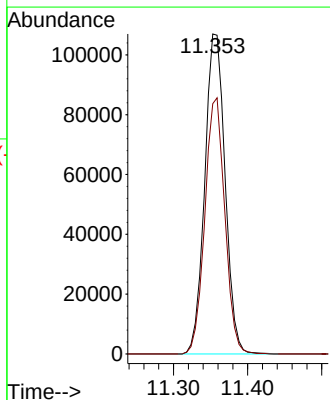
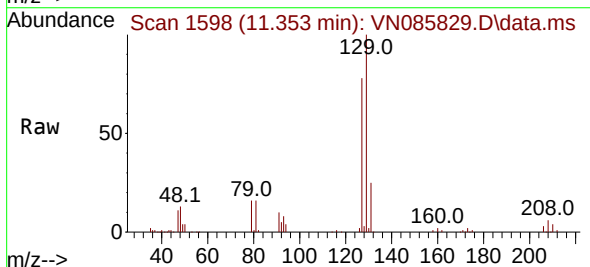
Manual Integrations
APPROVED

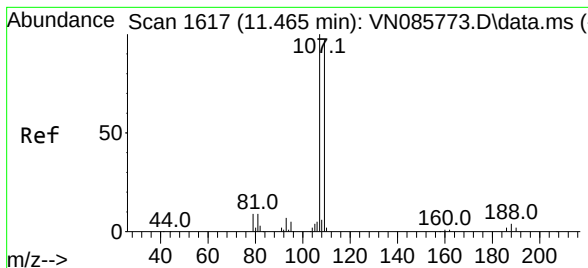
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#60
Dibromochloromethane
Concen: 57.041 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

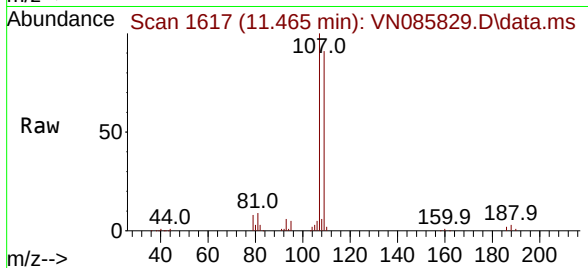
Tgt Ion:129 Resp: 204140
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.5





#61
1,2-Dibromoethane
Concen: 57.568 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

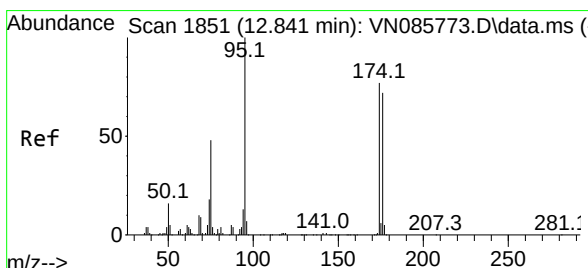
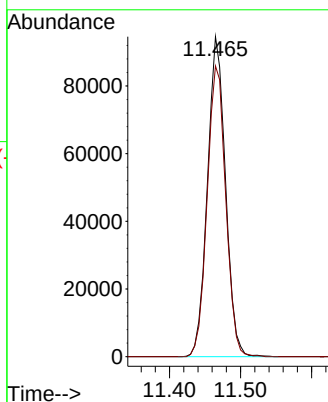
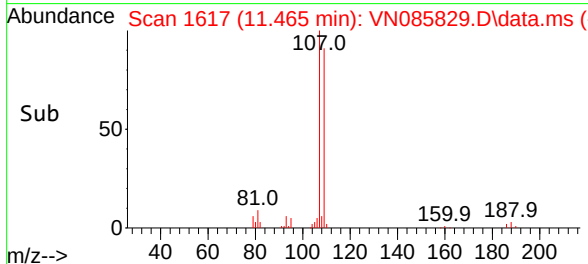
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 167175
Ion Ratio Lower Upper
107 100
109 93.2 76.0 114.0

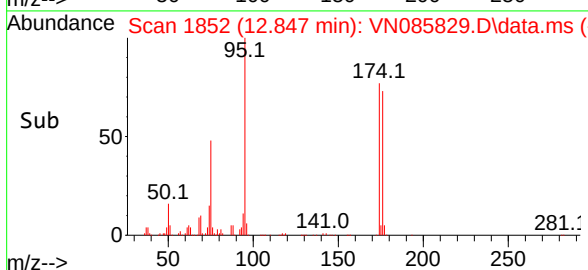
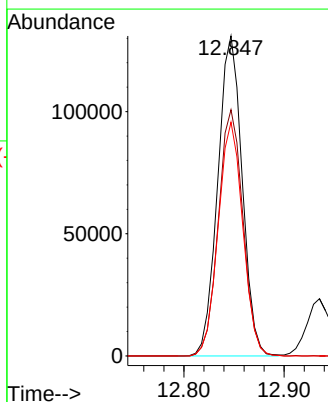
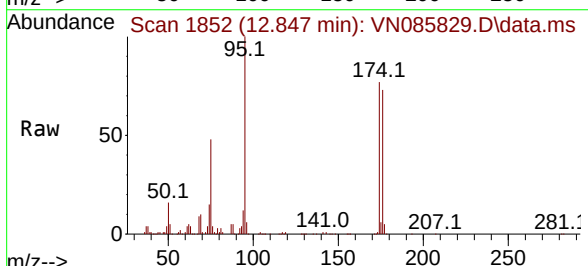
Manual Integrations
APPROVED

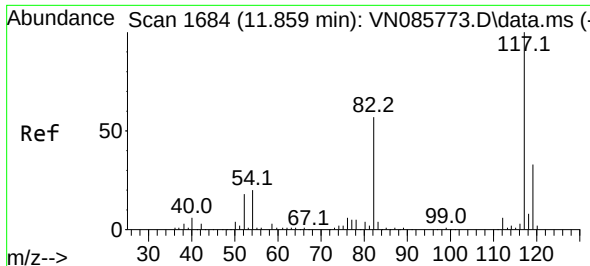
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#62
4-Bromofluorobenzene
Concen: 63.323 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

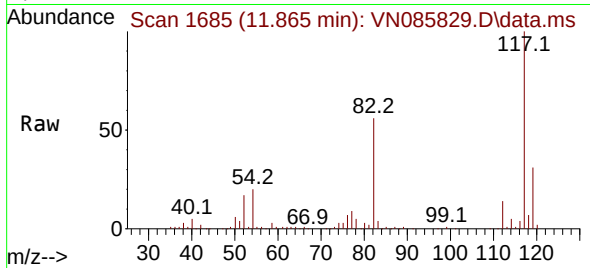
Tgt Ion: 95 Resp: 220678
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.4
176 73.6 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

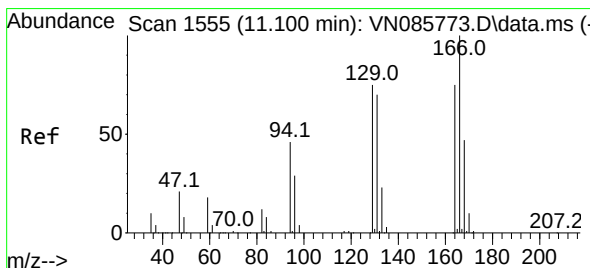
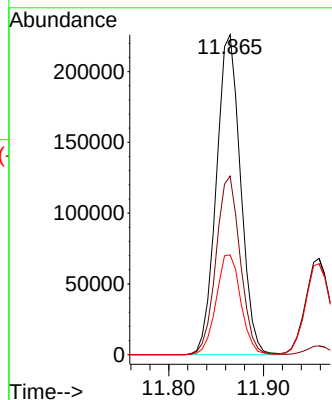
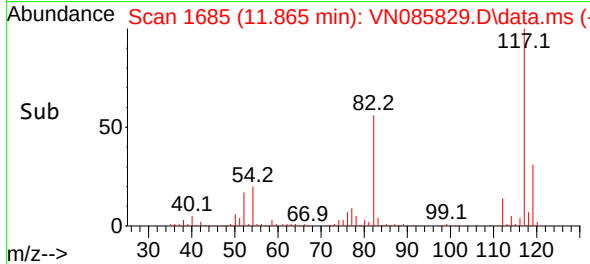
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 401749
Ion Ratio Lower Upper
117 100
82 55.8 45.7 68.5
119 31.2 26.2 39.2

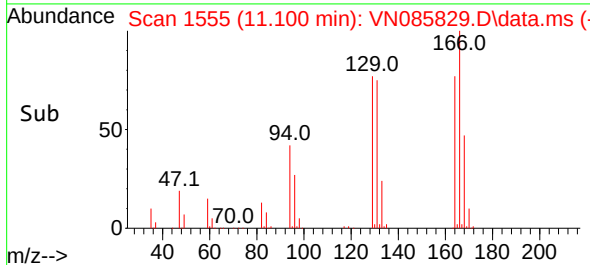
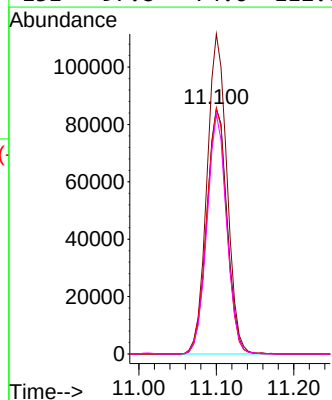
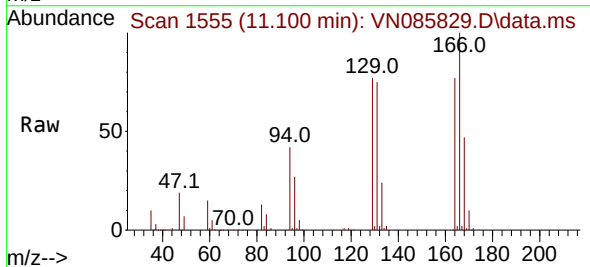
Manual Integrations
APPROVED

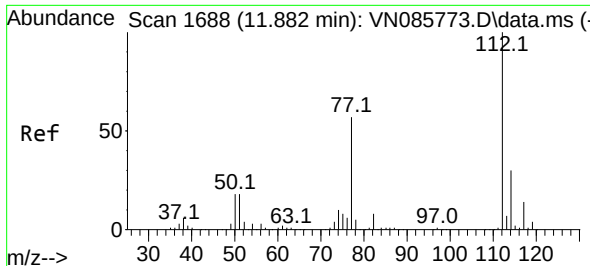
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#64
Tetrachloroethene
Concen: 50.032 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

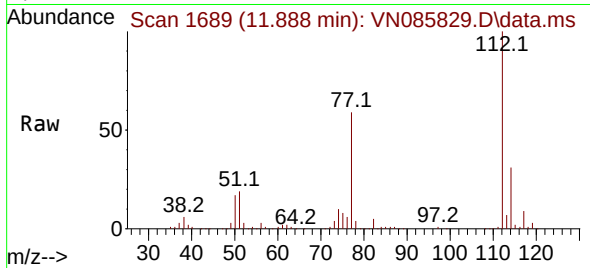
Tgt Ion:164 Resp: 155718
Ion Ratio Lower Upper
164 100
166 130.5 107.2 160.8
129 100.4 80.7 121.1
131 97.8 74.6 112.0





#65
Chlorobenzene
Concen: 51.832 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

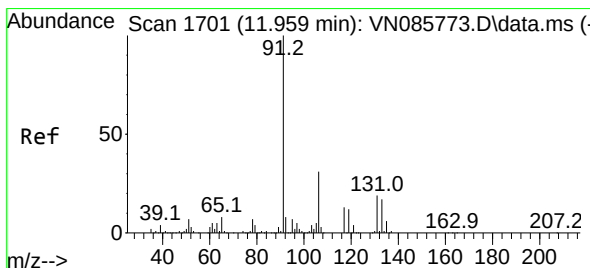
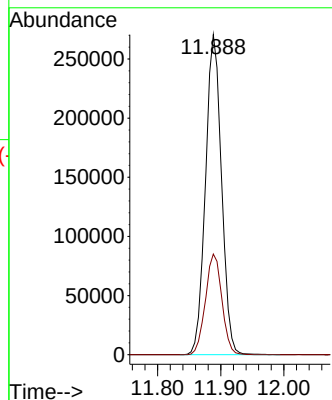
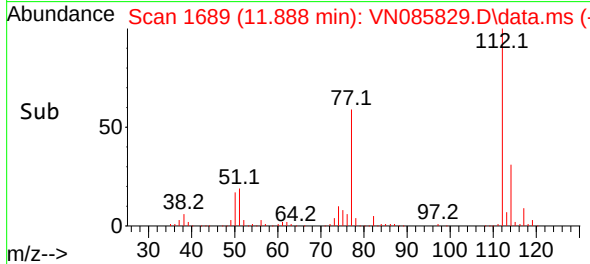
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



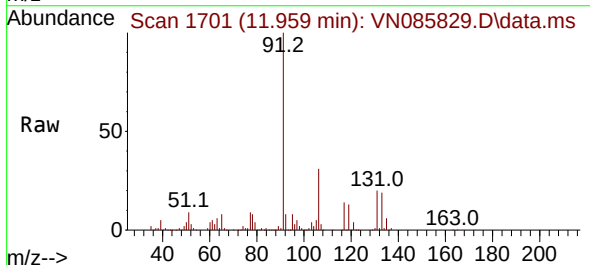
Tgt Ion:112 Resp: 477030
Ion Ratio Lower Upper
112 100
114 31.5 24.3 36.5

Manual Integrations
APPROVED

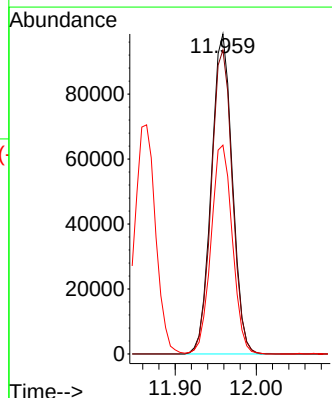
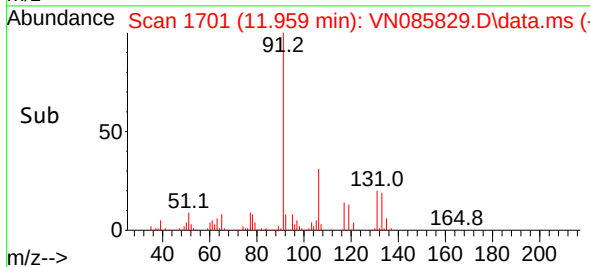
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

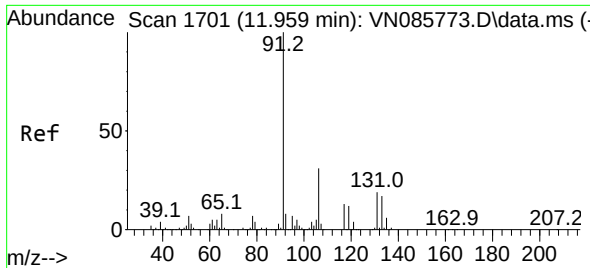


#66
1,1,1,2-Tetrachloroethane
Concen: 53.564 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37



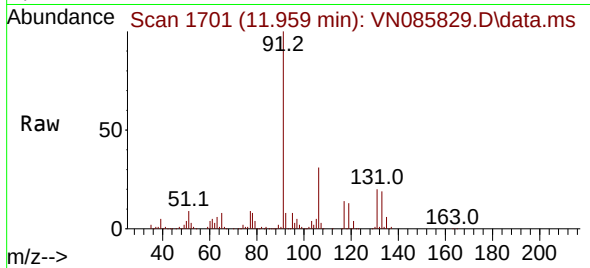
Tgt Ion:131 Resp: 177191
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 66.3 33.3 99.8





#67
Ethyl Benzene
Concen: 57.345 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

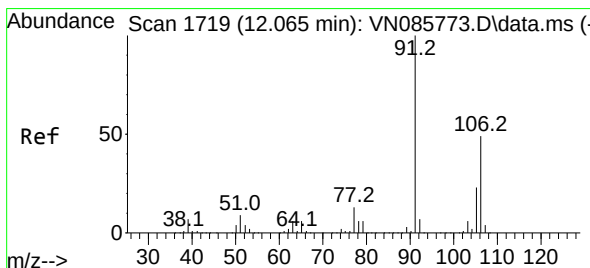
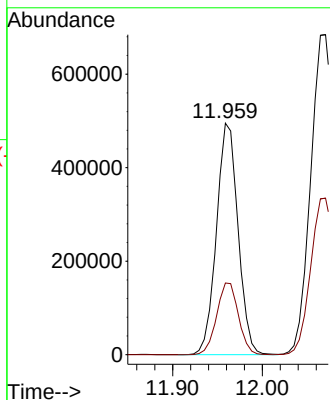
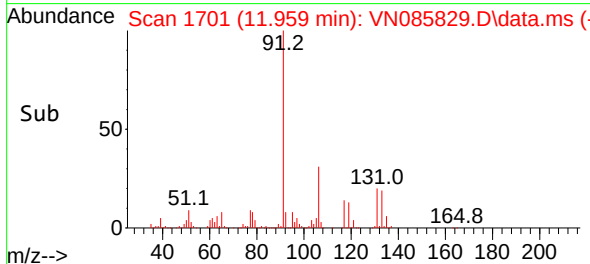
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



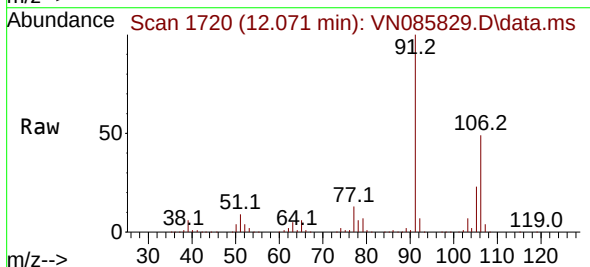
Tgt Ion: 91 Resp: 826725
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1

Manual Integrations
APPROVED

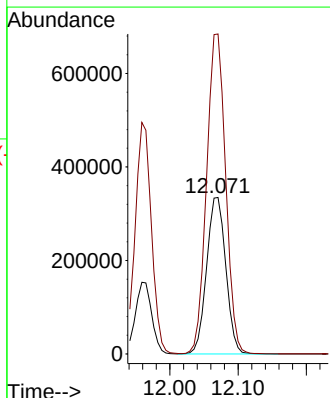
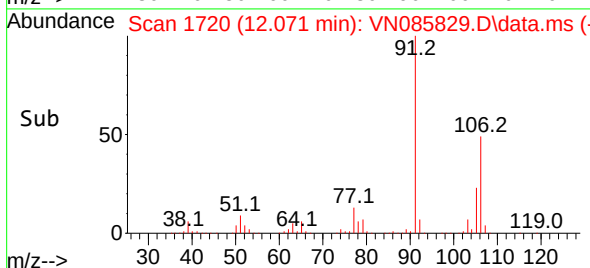
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

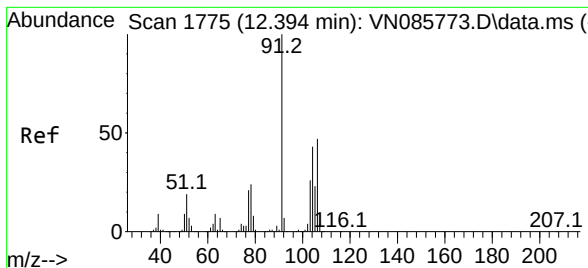


#68
m/p-Xylenes
Concen: 119.597 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37



Tgt Ion:106 Resp: 654939
Ion Ratio Lower Upper
106 100
91 203.4 163.3 244.9





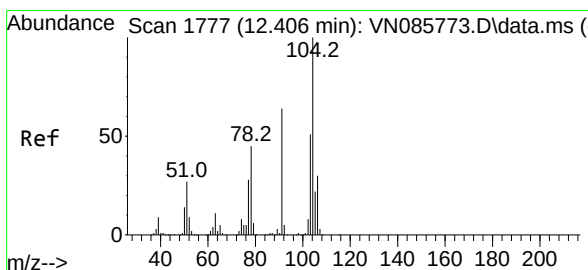
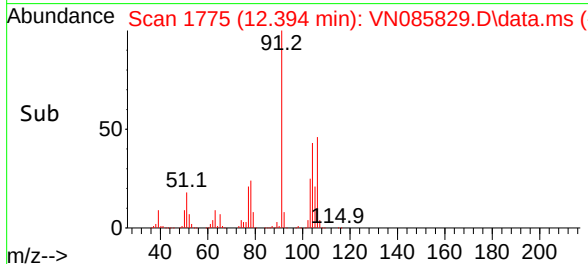
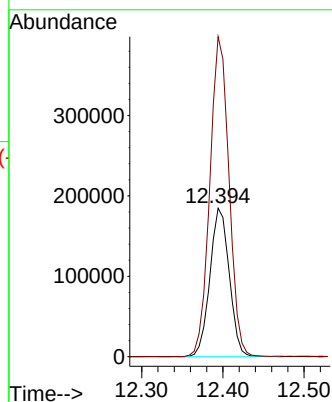
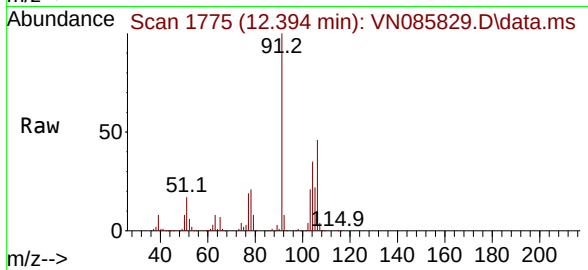
#69
o-Xylene
Concen: 58.731 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 305625
Ion Ratio Lower Upper
106 100
91 213.9 107.1 321.4

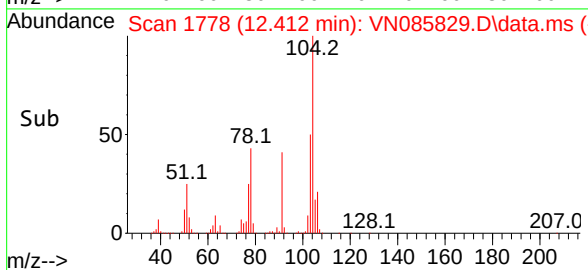
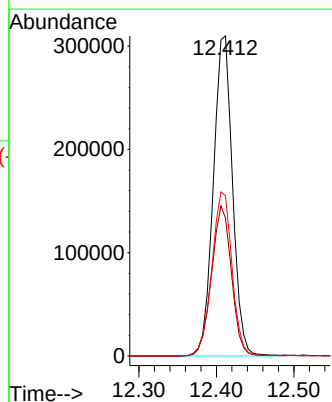
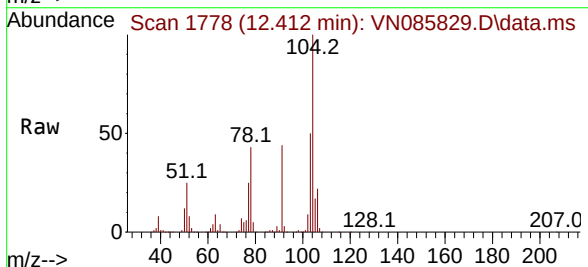
Manual Integrations
APPROVED

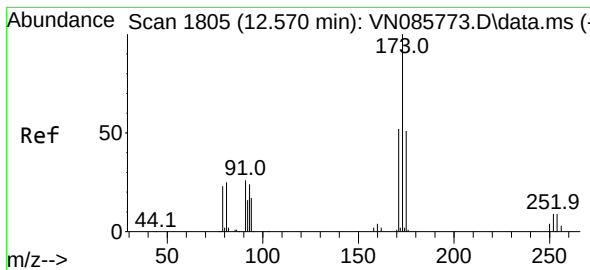
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#70
Styrene
Concen: 54.496 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

Tgt Ion:104 Resp: 532745
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 54.0 43.3 64.9





#71

Bromoform

Concen: 57.401 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN085829.D

Acq: 24 Feb 2025 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 141090

Ion Ratio Lower Upper

173 100

175 48.4 25.1 75.4

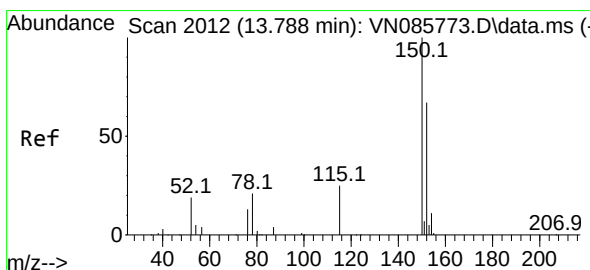
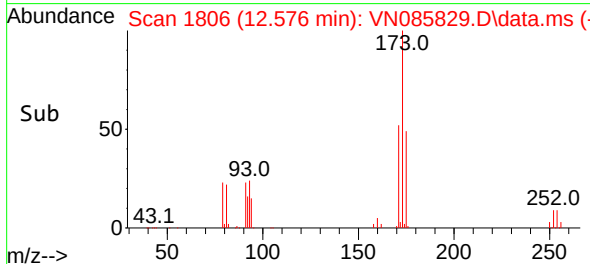
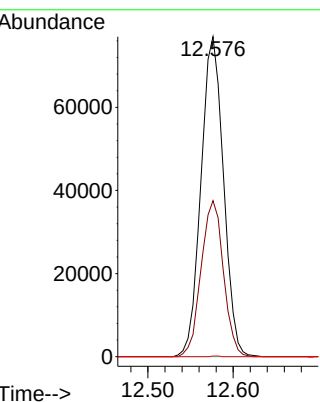
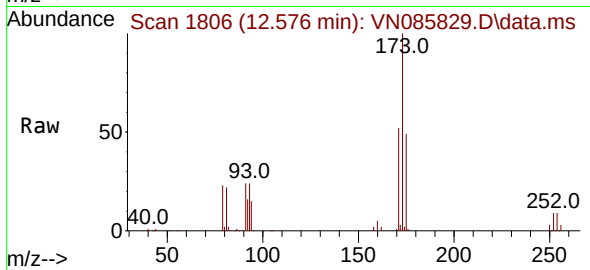
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085829.D

Acq: 24 Feb 2025 11:37

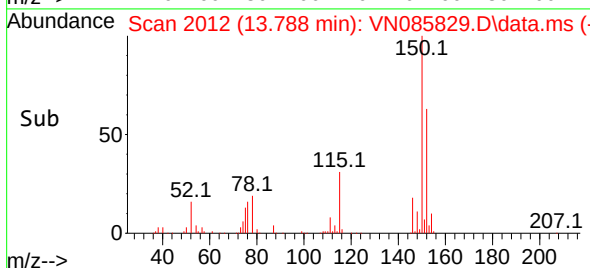
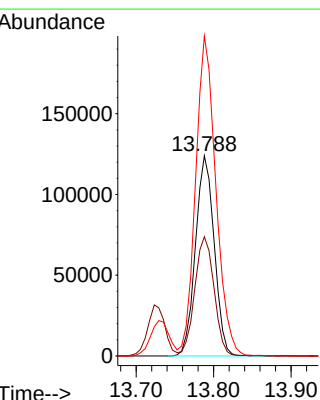
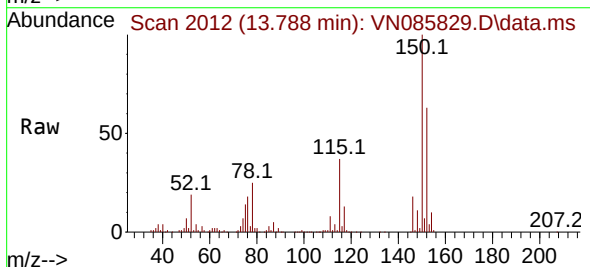
Tgt Ion:152 Resp: 208250

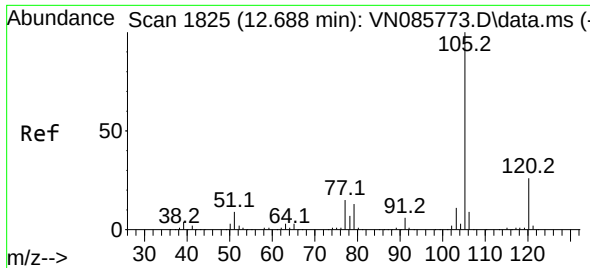
Ion Ratio Lower Upper

152 100

115 61.3 30.4 91.3

150 173.0 0.0 345.4





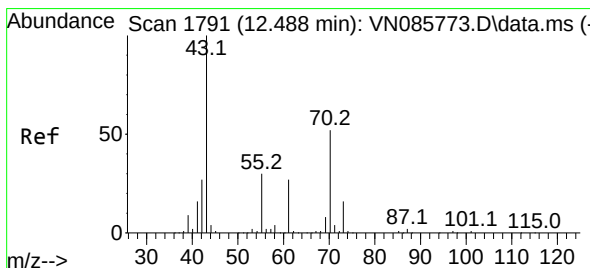
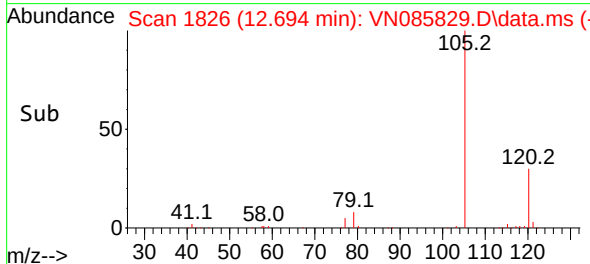
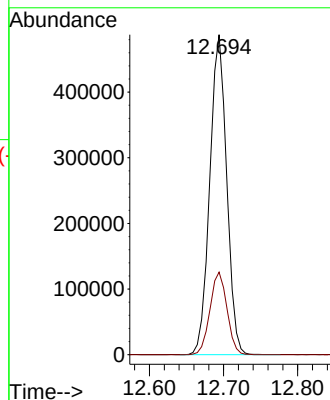
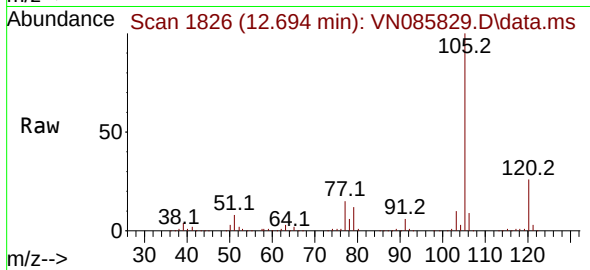
#73
Isopropylbenzene
Concen: 54.038 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 770961
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

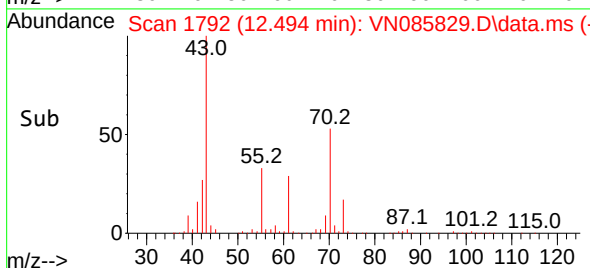
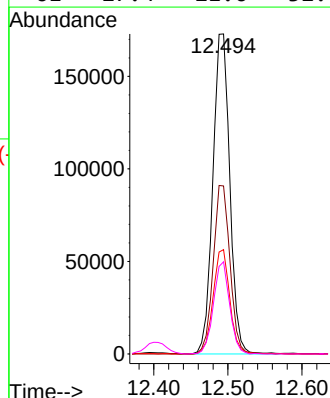
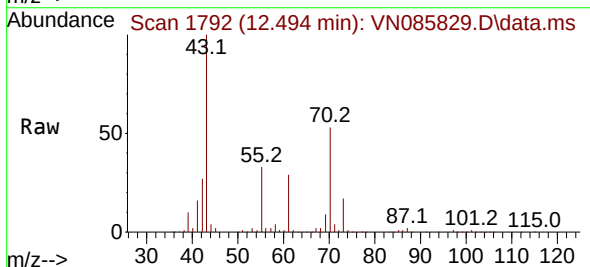
Manual Integrations
APPROVED

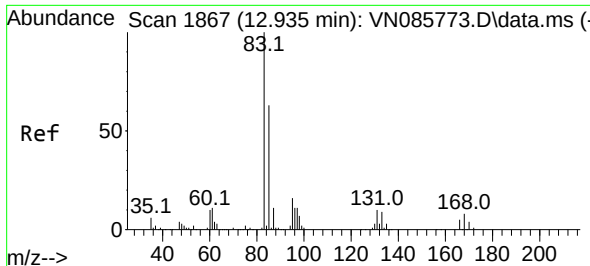
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#74
N-ethyl acetate
Concen: 54.632 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

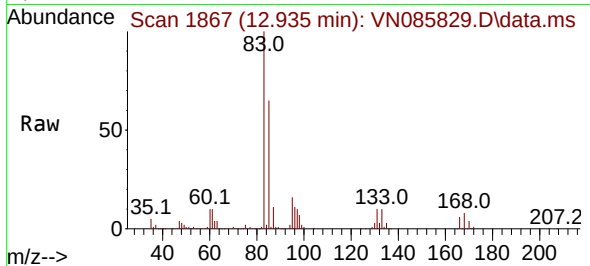
Tgt Ion: 43 Resp: 274861
Ion Ratio Lower Upper
43 100
70 51.9 41.0 61.4
55 32.2 24.6 36.8
61 27.4 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 50.557 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

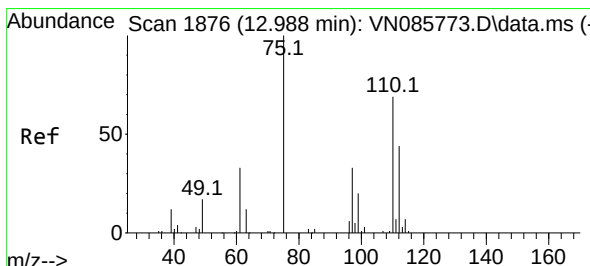
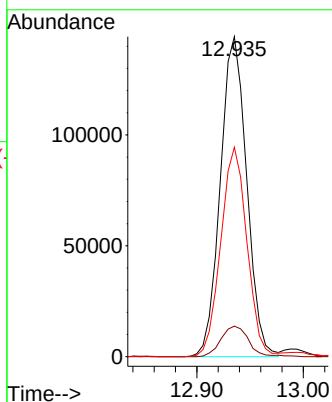
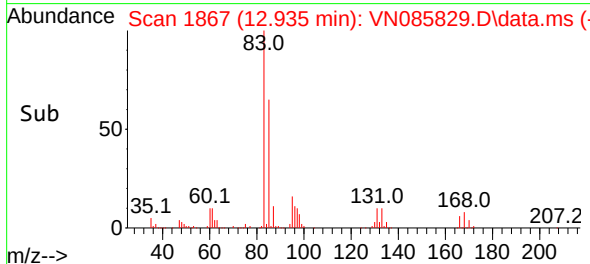
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 248210
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.8 32.2 96.6

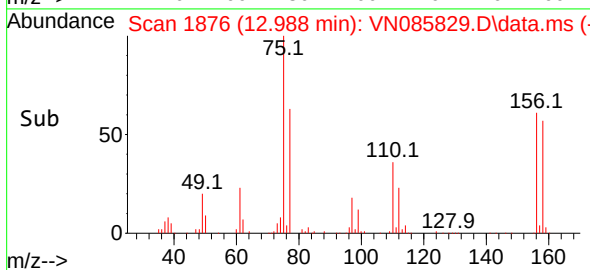
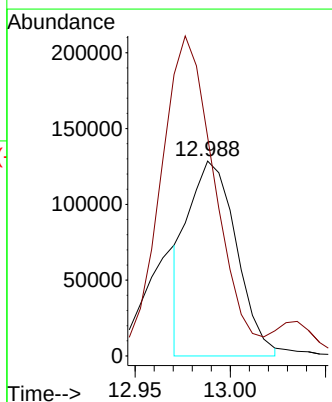
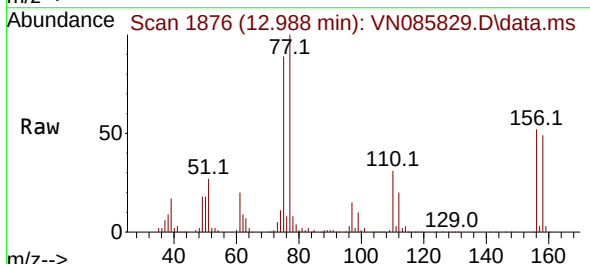
Manual Integrations
APPROVED

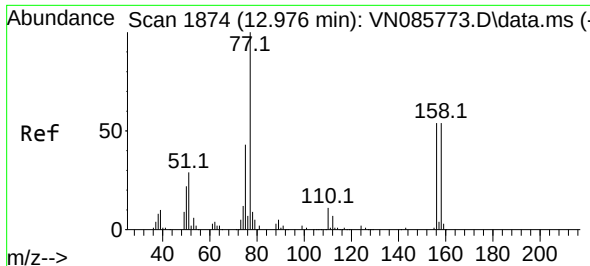
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#76
1,2,3-Trichloropropane
Concen: 49.065 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

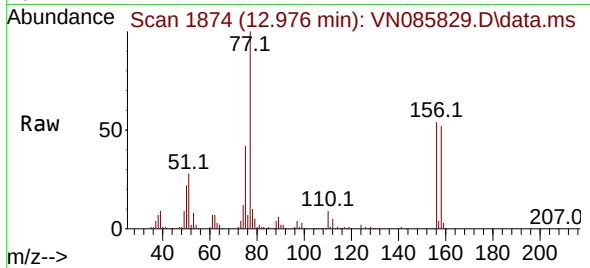
Tgt Ion: 75 Resp: 226972
Ion Ratio Lower Upper
75 100
77 185.0 100.0 300.0





#77
Bromobenzene
Concen: 50.956 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

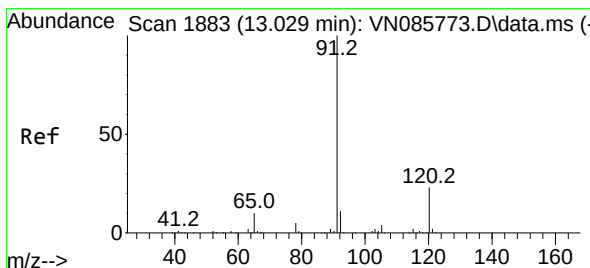
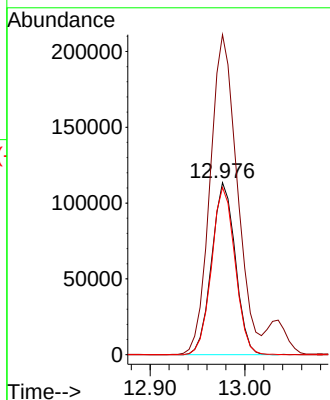
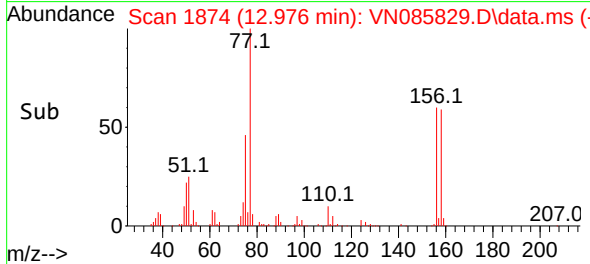
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 19641
Ion Ratio Lower Upper
156 100
77 213.8 104.1 312.3
158 96.7 48.1 144.4

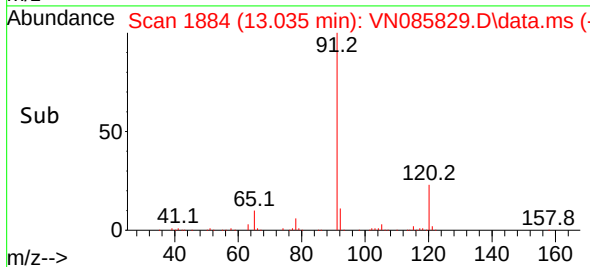
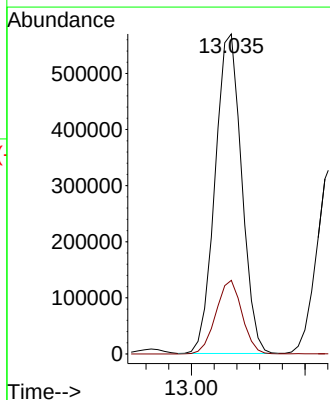
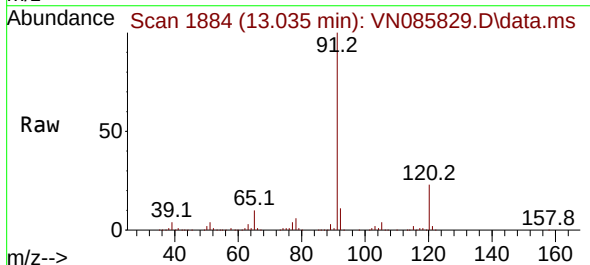
Manual Integrations
APPROVED

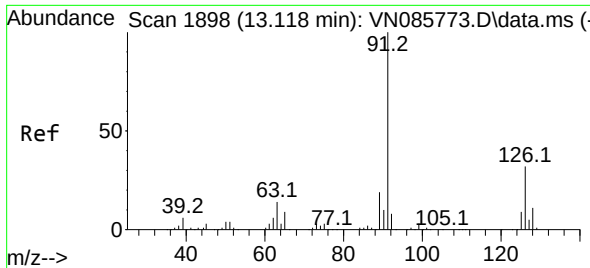
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#78
n-propylbenzene
Concen: 56.580 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

Tgt Ion: 91 Resp: 924470
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8





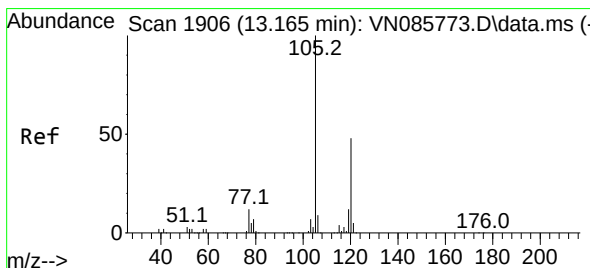
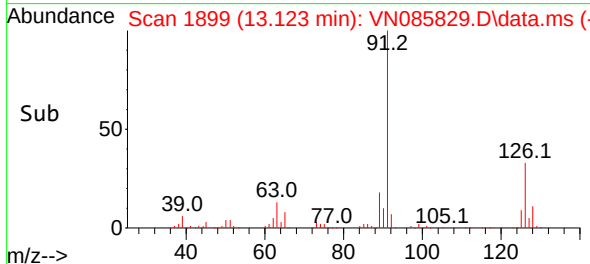
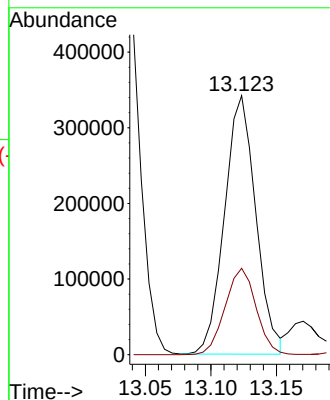
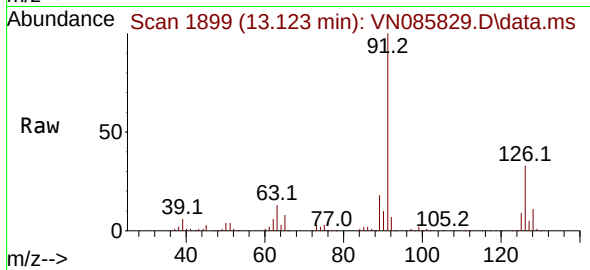
#79
2-Chlorotoluene
Concen: 52.042 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 56814
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.1

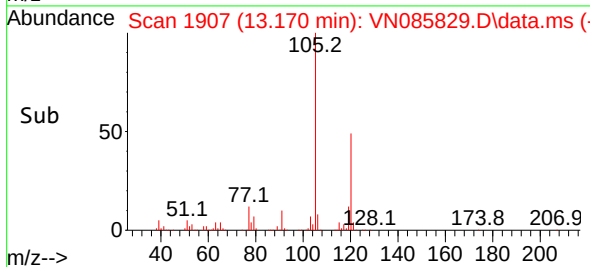
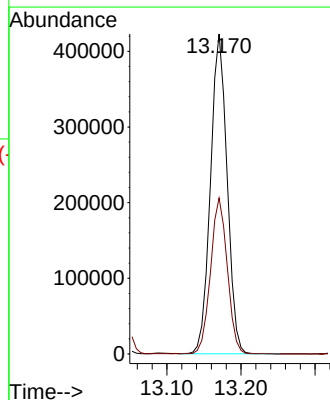
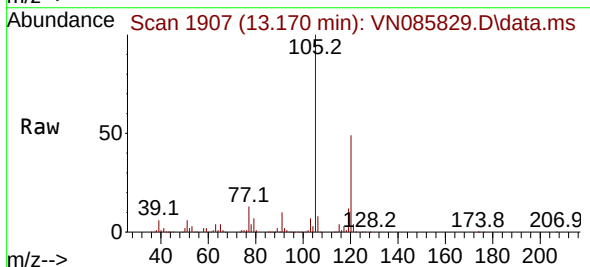
Manual Integrations
APPROVED

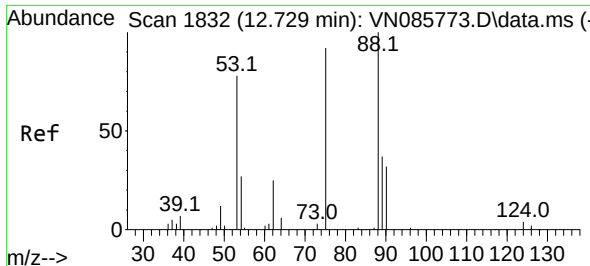
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.679 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

Tgt Ion:105 Resp: 658723
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.9





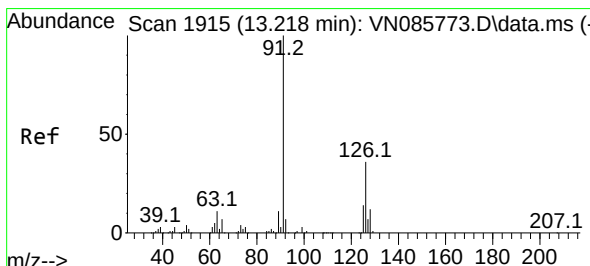
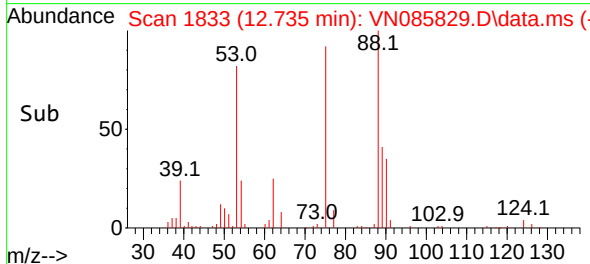
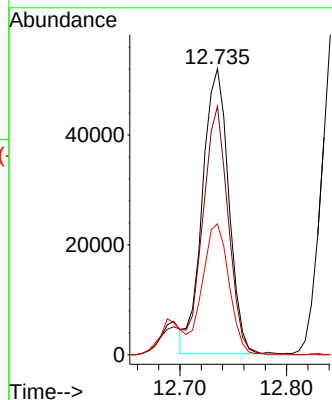
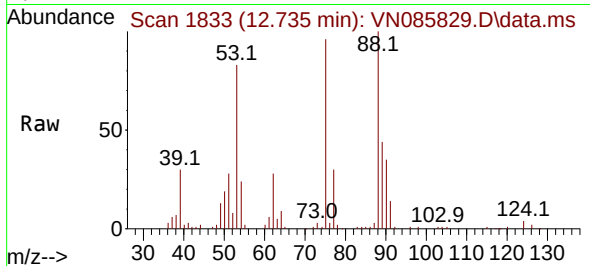
#81
trans-1,4-Dichloro-2-butene
Concen: 56.191 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 8908
Ion Ratio Lower Upper
75 100
53 93.4 74.2 111.4
89 46.2 34.9 52.3

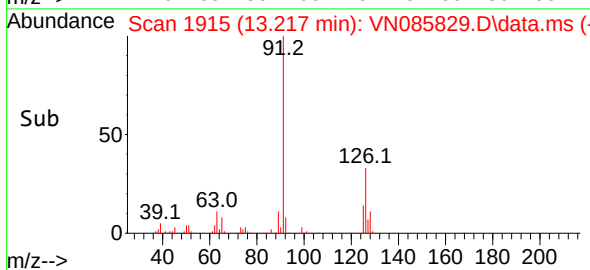
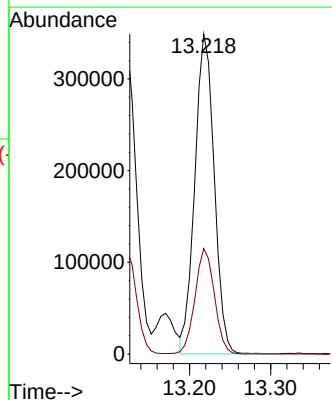
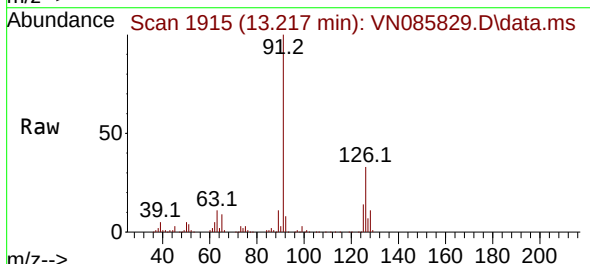
Manual Integrations
APPROVED

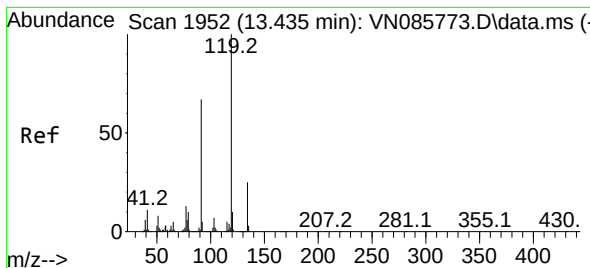
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#82
4-Chlorotoluene
Concen: 53.531 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

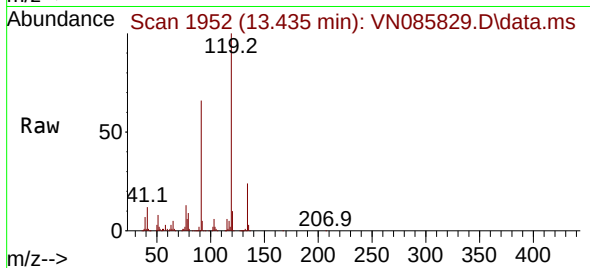
Tgt Ion: 91 Resp: 579342
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4





#83
tert-Butylbenzene
Concen: 54.866 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

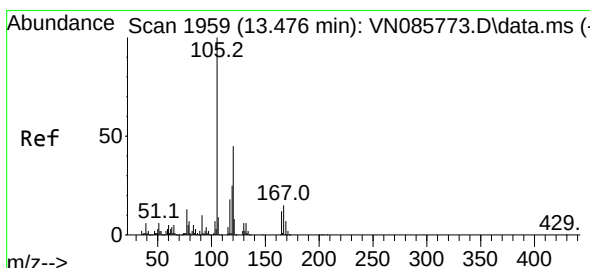
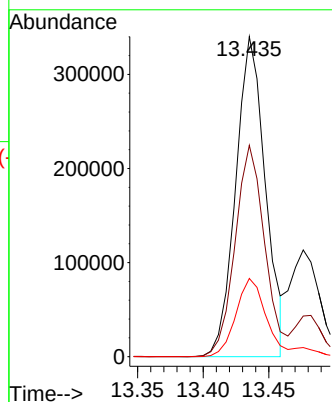
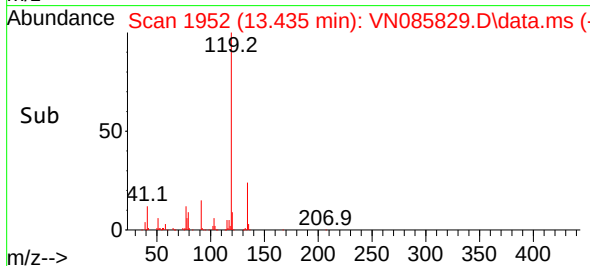
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



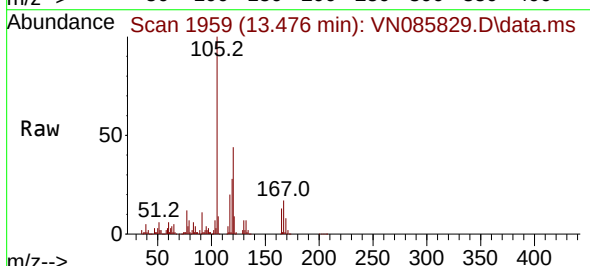
Tgt Ion:119 Resp: 53621
Ion Ratio Lower Upper
119 100
91 66.5 32.5 97.5
134 26.9 13.3 39.9

Manual Integrations
APPROVED

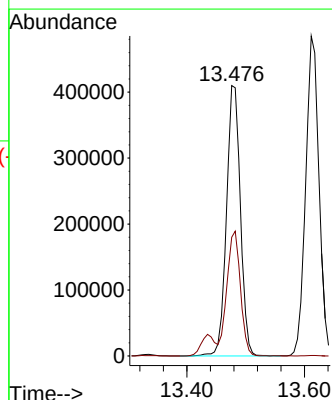
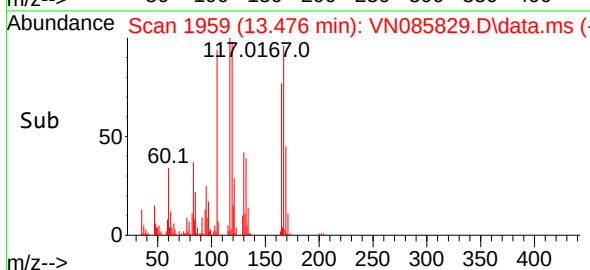
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

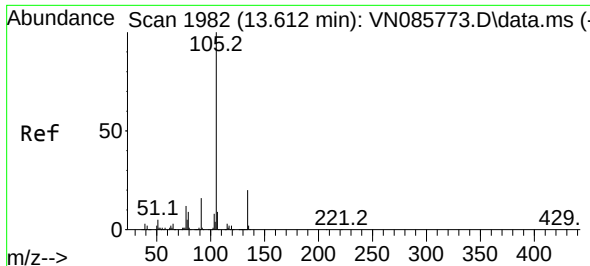


#84
1,2,4-Trimethylbenzene
Concen: 58.422 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37



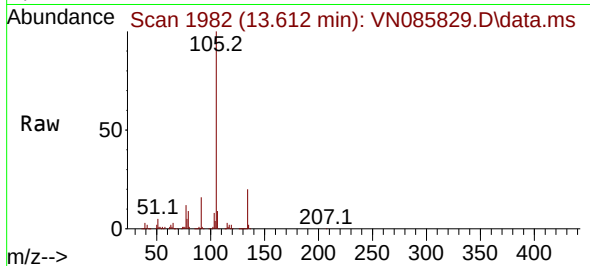
Tgt Ion:105 Resp: 671758
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 55.301 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085829.D
 Acq: 24 Feb 2025 11:37

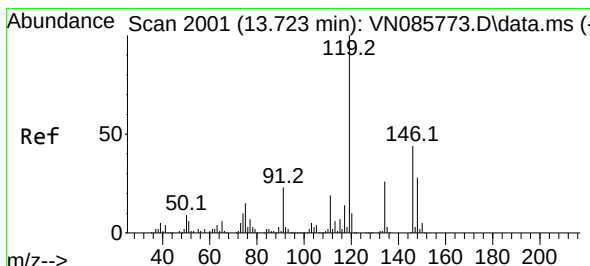
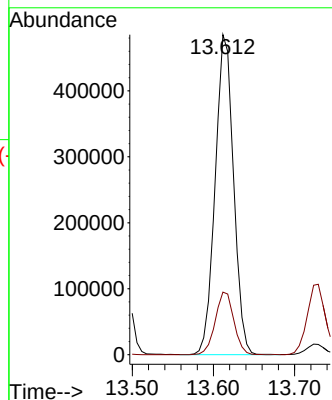
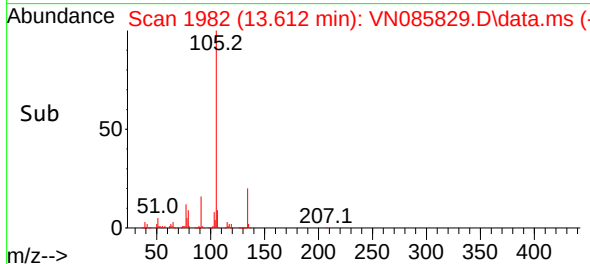
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 76361
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

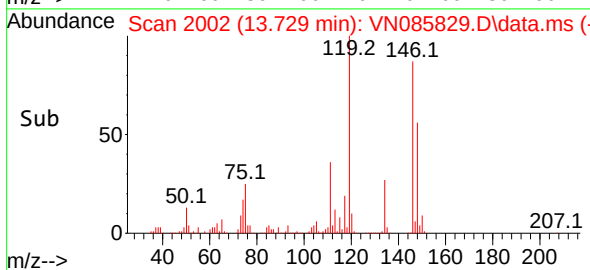
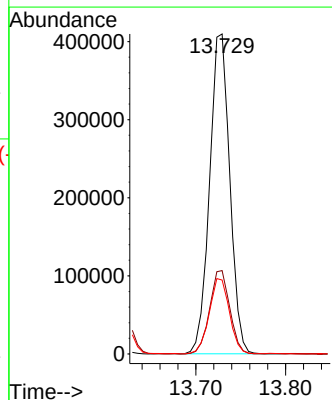
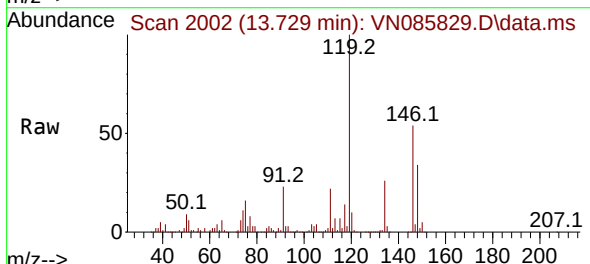
Manual Integrations
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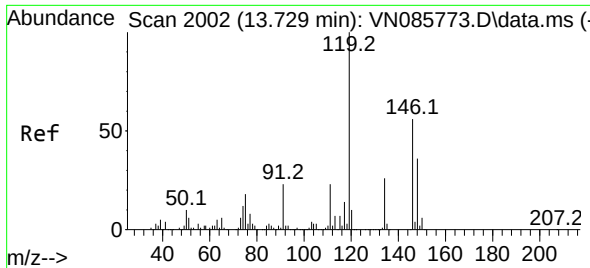
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#86
 p-Isopropyltoluene
 Concen: 50.471 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085829.D
 Acq: 24 Feb 2025 11:37

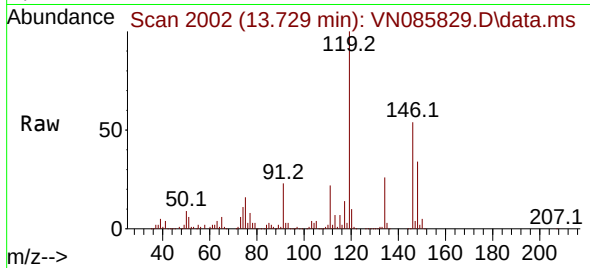
Tgt Ion:119 Resp: 639122
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 23.5 11.7 35.1





#87
 1,3-Dichlorobenzene
 Concen: 50.703 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085829.D
 Acq: 24 Feb 2025 11:37

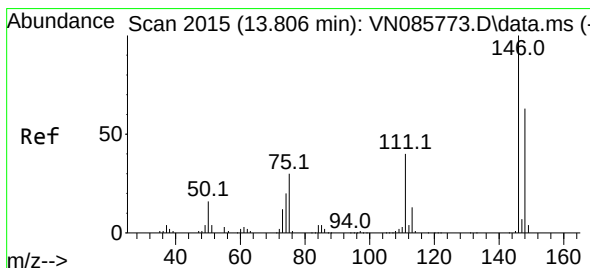
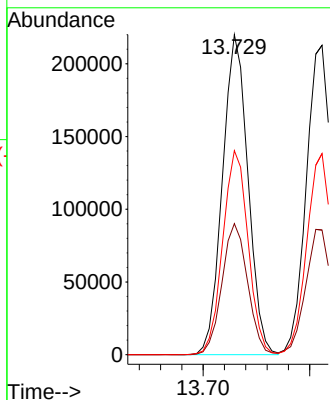
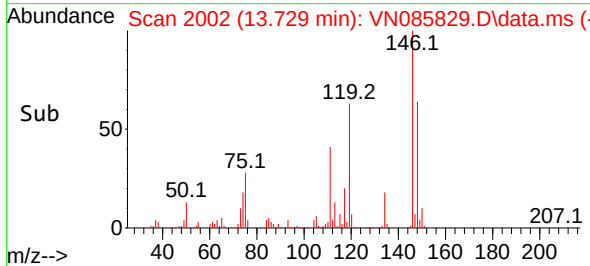
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



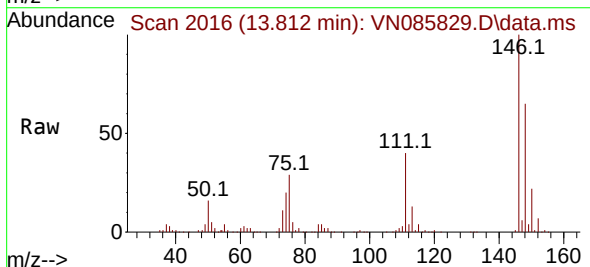
Tgt Ion:146 Resp: 36615
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.1 63.3
 148 63.4 32.1 96.5

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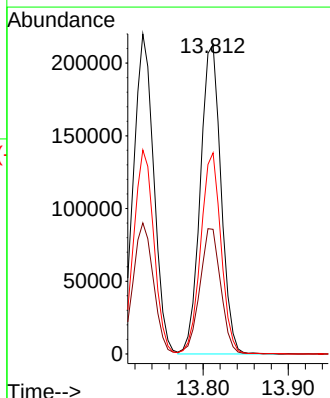
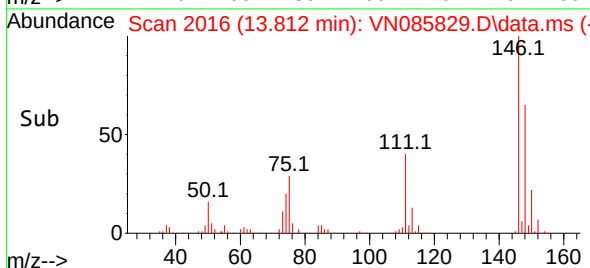
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025

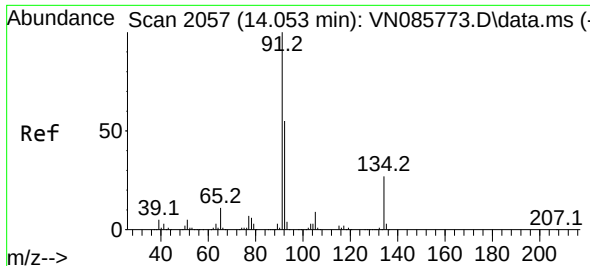


#88
 1,4-Dichlorobenzene
 Concen: 48.492 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN085829.D
 Acq: 24 Feb 2025 11:37



Tgt Ion:146 Resp: 358924
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.4 61.3
 148 63.8 31.8 95.4





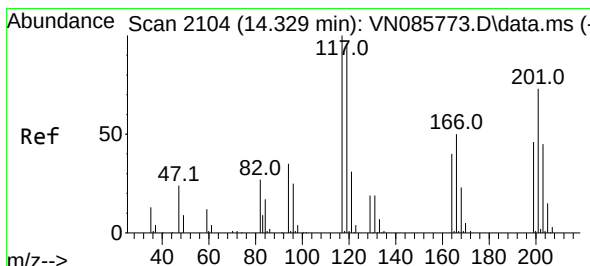
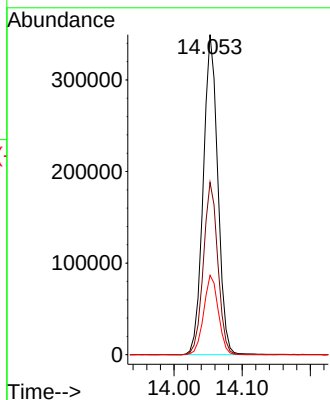
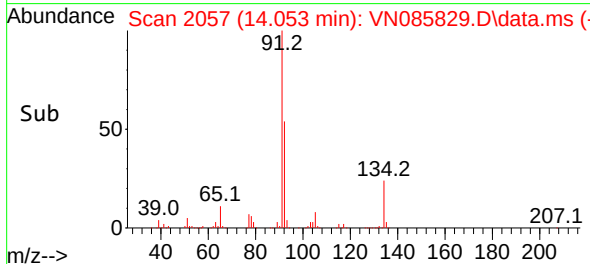
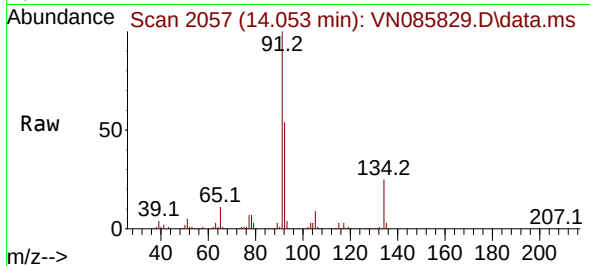
#89
n-Butylbenzene
Concen: 53.081 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 52039
Ion Ratio Lower Upper
91 100
92 53.3 27.1 81.3
134 24.8 12.7 38.1

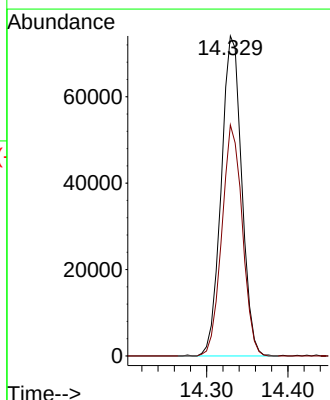
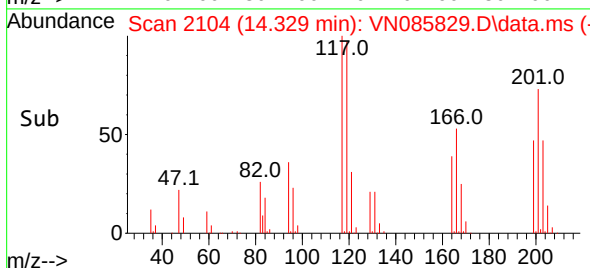
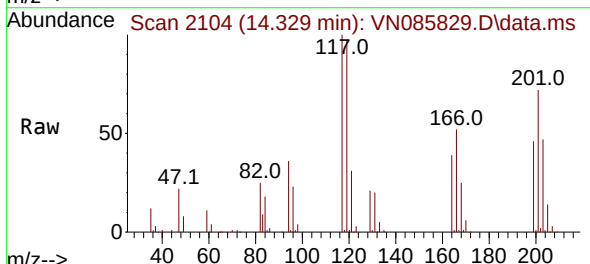
Manual Integrations
APPROVED

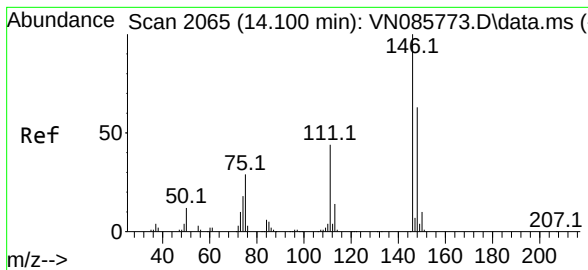
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#90
Hexachloroethane
Concen: 49.669 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

Tgt Ion:117 Resp: 129889
Ion Ratio Lower Upper
117 100
201 72.0 35.6 106.9





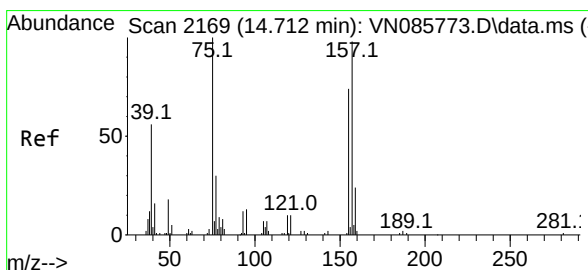
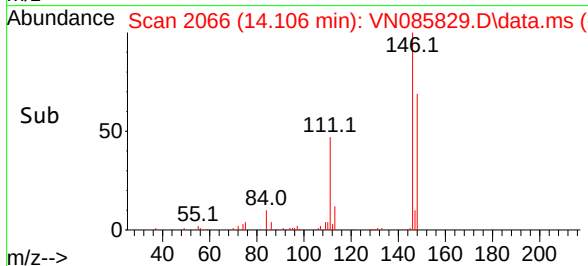
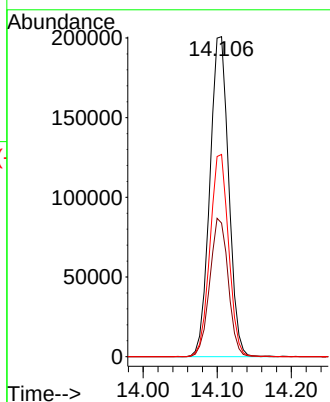
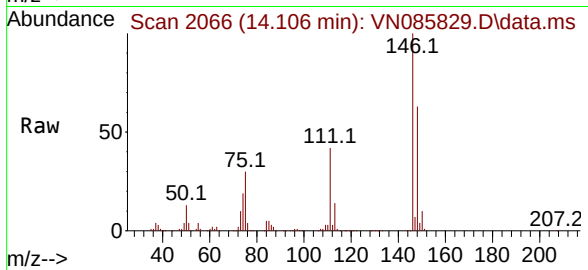
#91
1,2-Dichlorobenzene
Concen: 50.964 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 353920
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.3
148 62.7 32.0 96.2

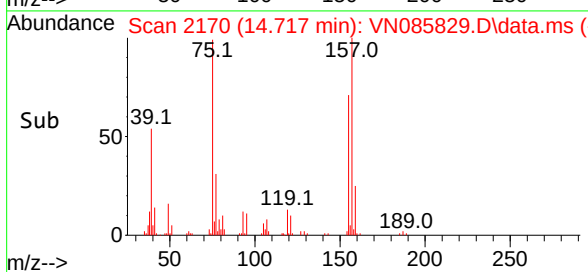
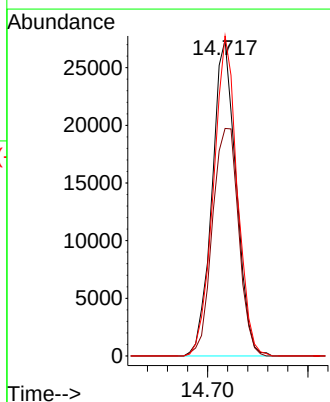
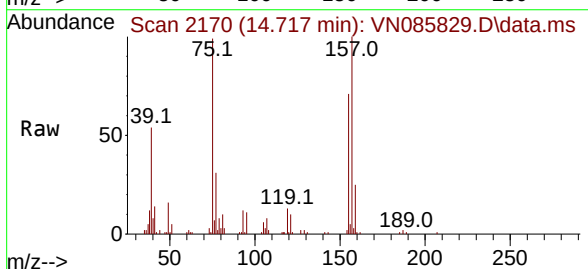
Manual Integrations
APPROVED

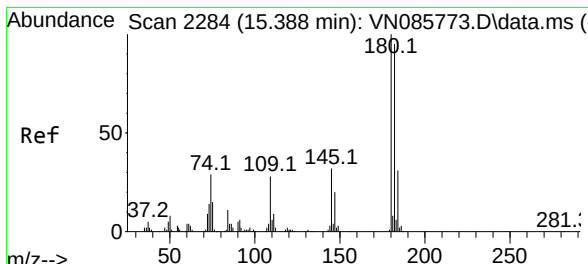
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.523 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

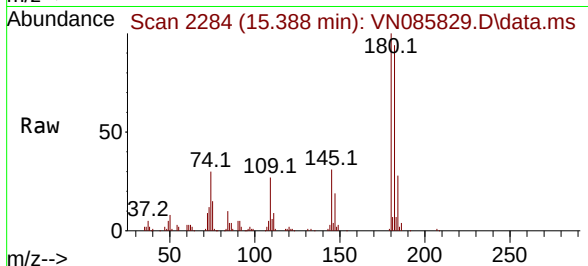
Tgt Ion: 75 Resp: 45548
Ion Ratio Lower Upper
75 100
155 78.6 39.9 119.6
157 100.1 49.9 149.7





#93
 1,2,4-Trichlorobenzene
 Concen: 50.842 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN085829.D
 Acq: 24 Feb 2025 11:37

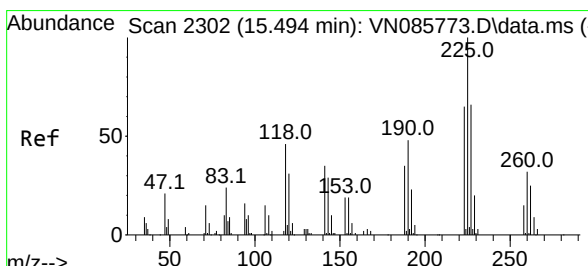
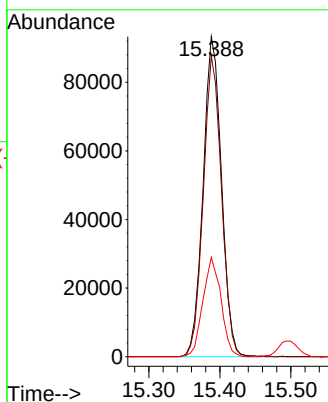
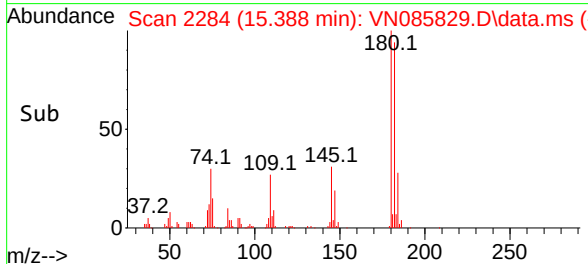
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



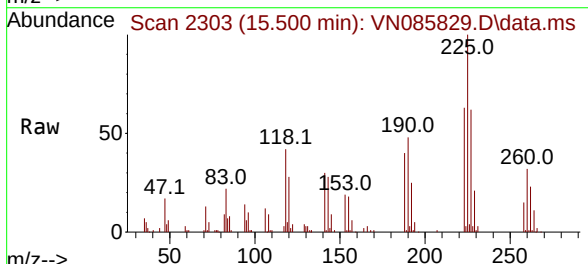
Tgt Ion:180 Resp: 168238
 Ion Ratio Lower Upper
 180 100
 182 93.0 47.3 141.9
 145 30.6 16.2 48.5

Manual Integrations
 APPROVED

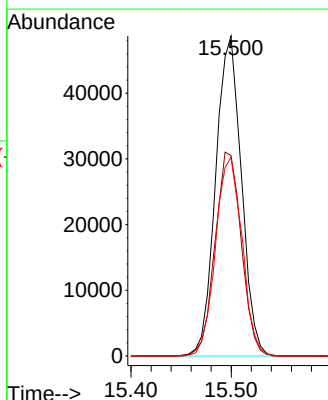
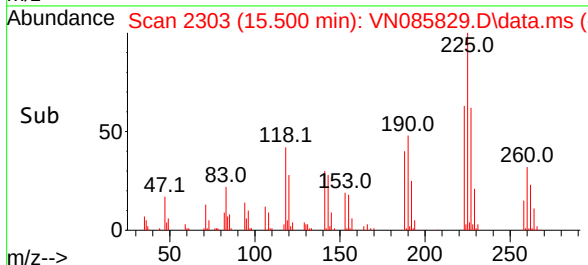
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025

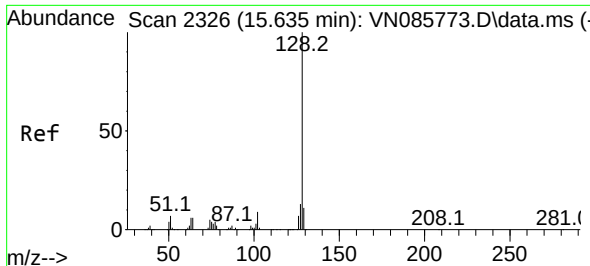


#94
 Hexachlorobutadiene
 Concen: 43.061 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.006 min
 Lab File: VN085829.D
 Acq: 24 Feb 2025 11:37



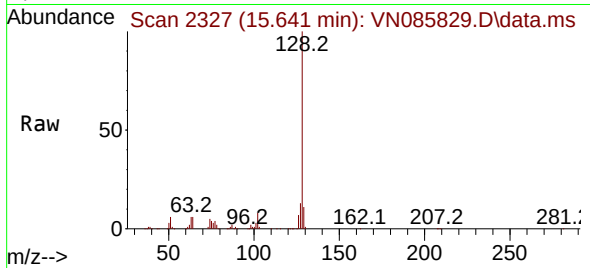
Tgt Ion:225 Resp: 86598
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.9 95.5
 227 64.2 32.2 96.6





#95
Naphthalene
Concen: 54.146 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37

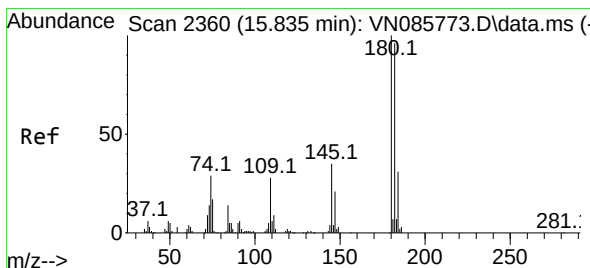
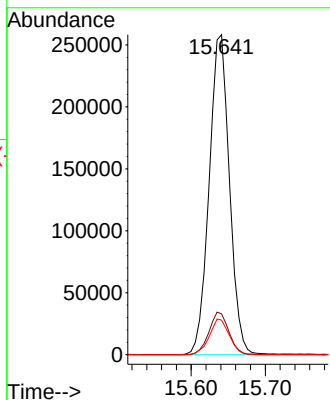
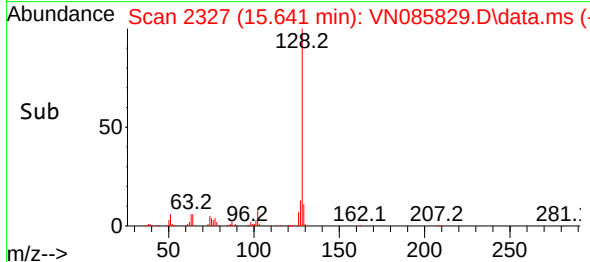
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



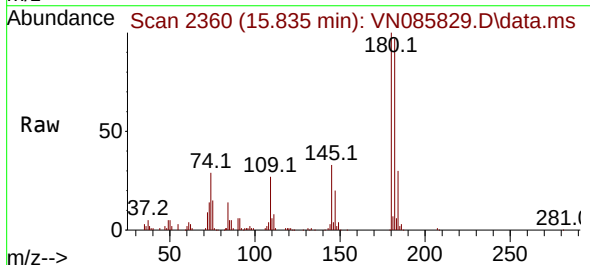
Tgt Ion:128 Resp: 491900
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 50.288 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085829.D
Acq: 24 Feb 2025 11:37



Tgt Ion:180 Resp: 167060
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.8
145 33.3 16.9 50.6

