

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022025\
 Data File : VN085797.D
 Acq On : 20 Feb 2025 13:58
 Operator : JC\MD
 Sample : VN0220WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2025
 Supervised By : Mahesh Dadoda 02/21/2025

Quant Time: Feb 21 00:57:35 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	334931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	543052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	478445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	227896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	215933	49.728	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.460%		
35) Dibromofluoromethane	8.159	113	183048	51.512	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.020%		
50) Toluene-d8	10.559	98	686252	53.080	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.160%		
62) 4-Bromofluorobenzene	12.841	95	230118	54.022	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92578	20.321	ug/l	98
3) Chloromethane	2.359	50	88230	19.300	ug/l	100
4) Vinyl Chloride	2.518	62	95519	19.734	ug/l	98
5) Bromomethane	2.965	94	60237	19.463	ug/l	89
6) Chloroethane	3.124	64	59586	18.585	ug/l	95
7) Trichlorofluoromethane	3.506	101	137235	19.583	ug/l	98
8) Diethyl Ether	3.959	74	44015	19.411	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	82136	20.276	ug/l	98
10) Methyl Iodide	4.589	142	100877	20.202	ug/l	98
11) Tert butyl alcohol	5.500	59	43636	81.705	ug/l	100
12) 1,1-Dichloroethene	4.348	96	74172	20.194	ug/l	96
13) Acrolein	4.171	56	83830	105.847	ug/l	100
14) Allyl chloride	5.024	41	96298	19.969	ug/l	97
15) Acrylonitrile	5.712	53	156407	90.085	ug/l	99
16) Acetone	4.418	43	144114	104.889	ug/l	99
17) Carbon Disulfide	4.712	76	203750	18.717	ug/l	99
18) Methyl Acetate	5.012	43	82157	17.385	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	222550	20.390	ug/l	99
20) Methylene Chloride	5.277	84	84922	19.219	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	76967	19.461	ug/l	92
22) Diisopropyl ether	6.659	45	231557	21.250	ug/l	98
23) Vinyl Acetate	6.594	43	725601	97.254	ug/l	99
24) 1,1-Dichloroethane	6.559	63	147907	19.968	ug/l	99
25) 2-Butanone	7.477	43	191244	94.611	ug/l	98
26) 2,2-Dichloropropane	7.483	77	131728	19.999	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	91900	20.040	ug/l	99
28) Bromochloromethane	7.806	49	65814	21.617	ug/l	98
29) Tetrahydrofuran	7.830	42	119344	91.431	ug/l	100
30) Chloroform	7.959	83	154276	19.930	ug/l	98
31) Cyclohexane	8.253	56	119139	19.210	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	136738	19.860	ug/l	98
36) 1,1-Dichloropropene	8.365	75	105375	20.953	ug/l	99
37) Ethyl Acetate	7.553	43	76524	18.490	ug/l	100
38) Carbon Tetrachloride	8.353	117	119376	19.977	ug/l	95
39) Methylcyclohexane	9.594	83	106429	21.542	ug/l	98
40) Benzene	8.600	78	336199	20.858	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	43597	19.705	ug/l	98
42) 1,2-Dichloroethane	8.665	62	105223	20.041	ug/l	100
43) Isopropyl Acetate	8.683	43	139471	18.862	ug/l	100
44) Trichloroethene	9.347	130	81335	20.551	ug/l	94
45) 1,2-Dichloropropane	9.618	63	79915	20.540	ug/l	98
46) Dibromomethane	9.700	93	55515	20.229	ug/l	98
47) Bromodichloromethane	9.883	83	119402	20.336	ug/l	97
48) Methyl methacrylate	9.671	41	61318	19.950	ug/l	99
49) 1,4-Dioxane	9.688	88	21286	364.182	ug/l	98
51) 4-Methyl-2-Pentanone	10.435	43	379898	95.207	ug/l	100
52) Toluene	10.624	92	208342	22.050	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	115258	21.229	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	126931	21.320	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	77337	20.587	ug/l	97
56) Ethyl methacrylate	10.871	69	99979	20.138	ug/l	99
57) 1,3-Dichloropropane	11.159	76	127754	20.372	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	151178	84.034	ug/l	99
59) 2-Hexanone	11.188	43	272724	99.351	ug/l	99
60) Dibromochloromethane	11.353	129	90526	20.694	ug/l	100
61) 1,2-Dibromoethane	11.465	107	73611	20.739	ug/l	97
64) Tetrachloroethene	11.100	164	79772	21.522	ug/l	96
65) Chlorobenzene	11.888	112	222674	20.316	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.953	131	79297	20.128	ug/l	99
67) Ethyl Benzene	11.959	91	366663	21.356	ug/l	99
68) m/p-Xylenes	12.065	106	293680	45.032	ug/l	99
69) o-Xylene	12.394	106	133631	21.563	ug/l	99
70) Styrene	12.406	104	225148	21.002	ug/l	98
71) Bromoform	12.571	173	57604	19.678	ug/l #	98
73) Isopropylbenzene	12.688	105	340174	21.788	ug/l	100
74) N-amyl acetate	12.488	43	103373	18.775	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	95124	17.705	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	93603m	18.490	ug/l	
77) Bromobenzene	12.976	156	86709	20.556	ug/l	99
78) n-propylbenzene	13.029	91	401278	22.442	ug/l	100
79) 2-Chlorotoluene	13.118	91	258675	21.652	ug/l	99
80) 1,3,5-Trimethylbenzene	13.165	105	290522	22.843	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	32570	18.772	ug/l	95
82) 4-Chlorotoluene	13.218	91	258338	21.812	ug/l	100
83) tert-Butylbenzene	13.435	119	240446	22.482	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	291853	23.194	ug/l	100
85) sec-Butylbenzene	13.612	105	338493	22.400	ug/l	100
86) p-Isopropyltoluene	13.723	119	279833	21.527	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	162184	20.522	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	160682	19.837	ug/l	99
89) n-Butylbenzene	14.053	91	231847	21.610	ug/l	98
90) Hexachloroethane	14.329	117	55679	19.456	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	152632	20.084	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16511	16.736	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	73846	20.392	ug/l	99
94) Hexachlorobutadiene	15.494	225	39727	18.051	ug/l	97
95) Naphthalene	15.635	128	179740	18.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	70157	19.298	ug/l	99

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ClientSampleId :
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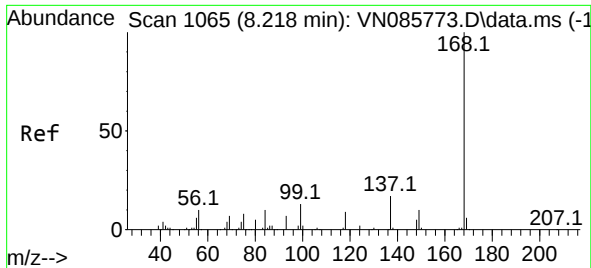
Manual Integrations
APPROVED

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Quant Time: Feb 21 00:57:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

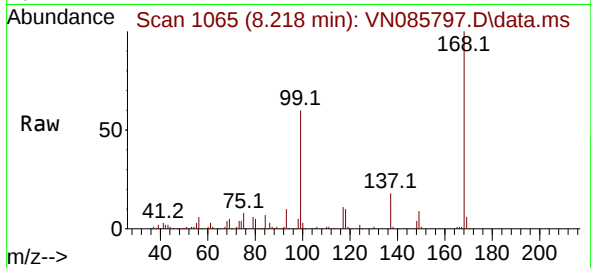
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085797.D
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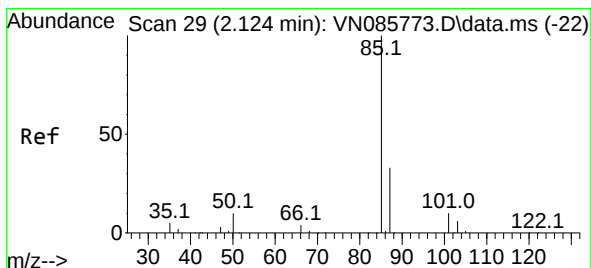
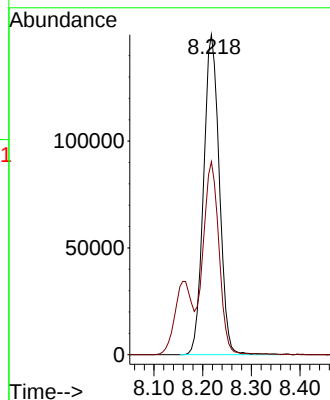
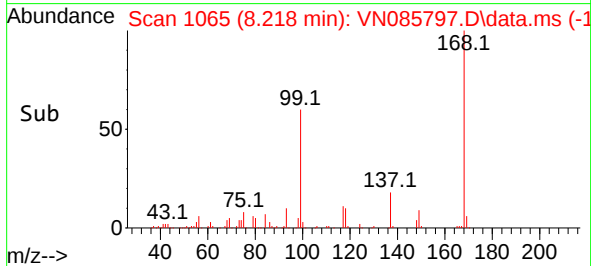
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



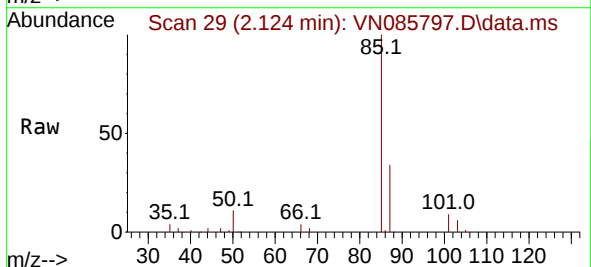
Tgt Ion:168 Resp: 33493
Ion Ratio Lower Upper
168 100
99 60.1 47.9 71.9

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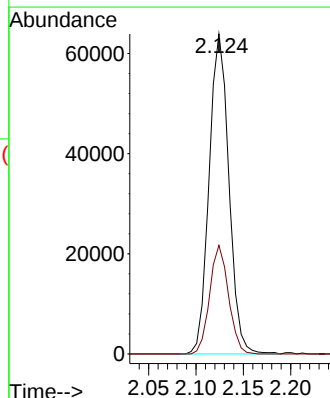
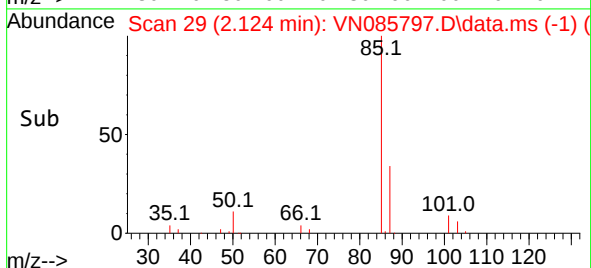
Reviewed By :John Carlone 02/21/2025
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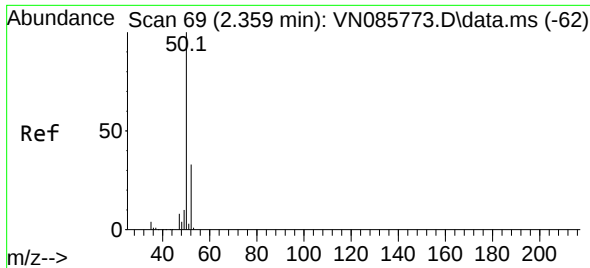


#2
Dichlorodifluoromethane
Concen: 20.321 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



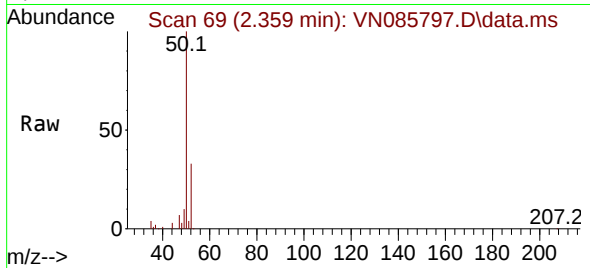
Tgt Ion: 85 Resp: 92578
Ion Ratio Lower Upper
85 100
87 34.0 16.4 49.2





#3
Chloromethane
Concen: 19.300 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

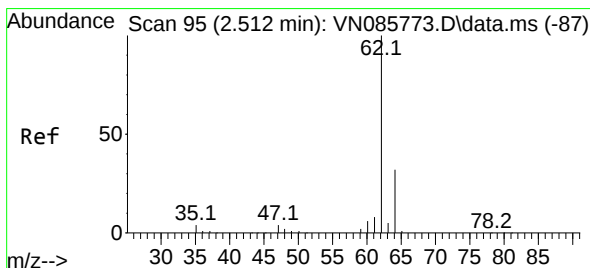
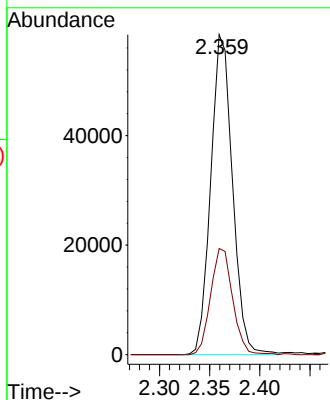
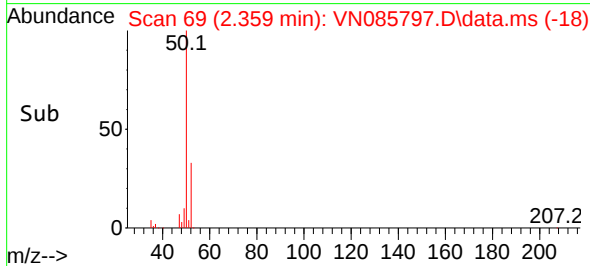
Instrument :
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Tgt Ion: 50 Resp: 88230
Ion Ratio Lower Upper
50 100
52 33.2 26.7 40.1

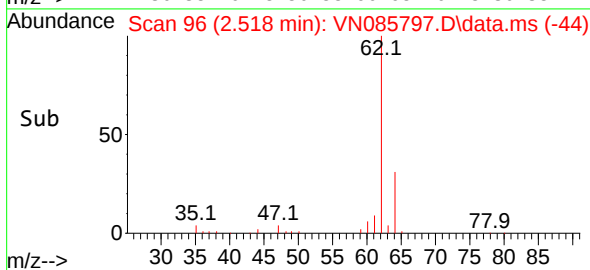
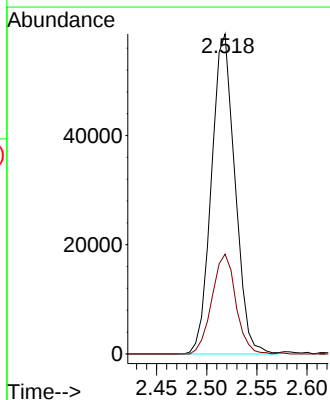
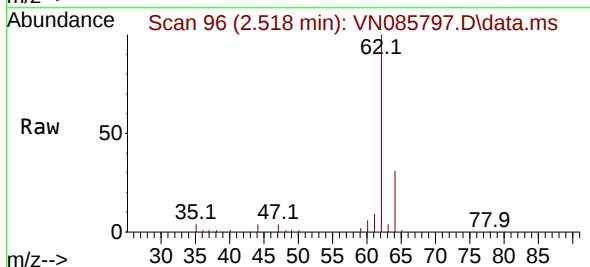
Manual Integrations
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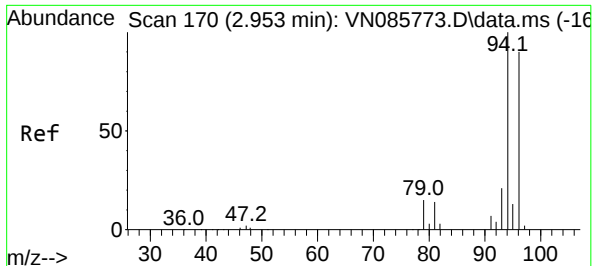
Reviewed By :John Carlone 02/21/2025
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#4
Vinyl Chloride
Concen: 19.734 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

Tgt Ion: 62 Resp: 95519
Ion Ratio Lower Upper
62 100
64 31.2 25.9 38.9





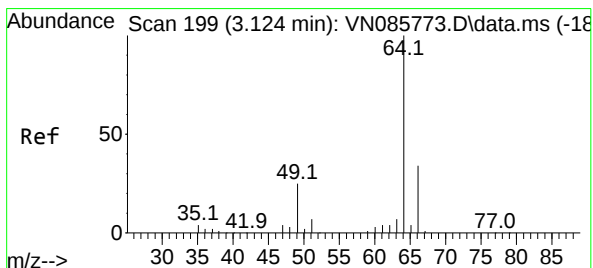
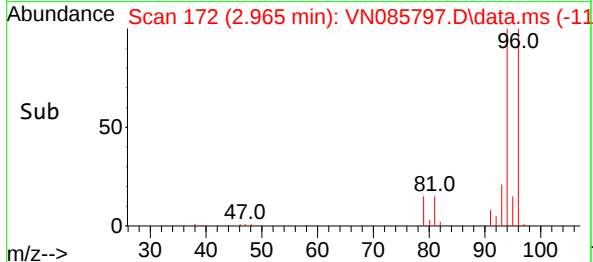
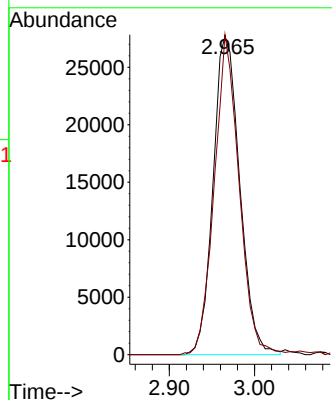
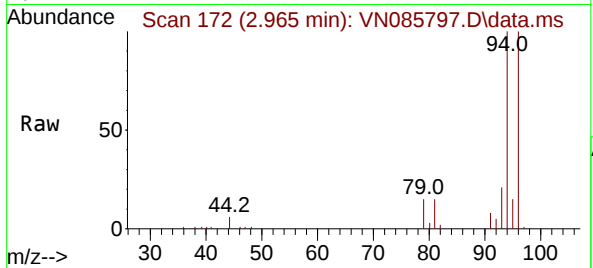
#5
Bromomethane
Concen: 19.463 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085797.D
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Instrument :
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Tgt Ion: 94 Resp: 6023
Ion Ratio Lower Upper
94 100
96 100.4 71.7 107.5

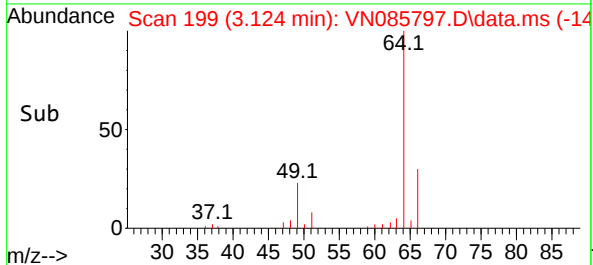
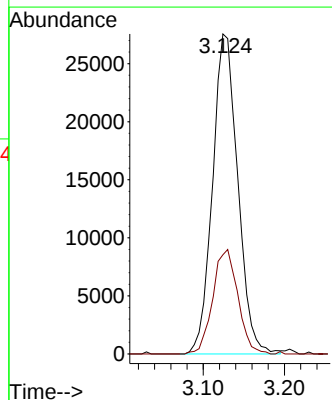
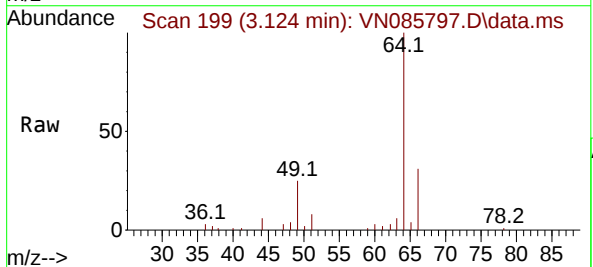
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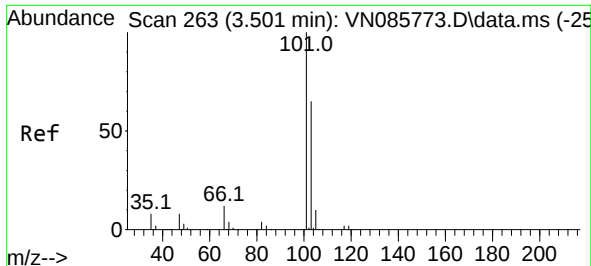
Reviewed By :John Carlone 02/21/2025
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#6
Chloroethane
Concen: 18.585 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

Tgt Ion: 64 Resp: 59586
Ion Ratio Lower Upper
64 100
66 31.0 27.0 40.6





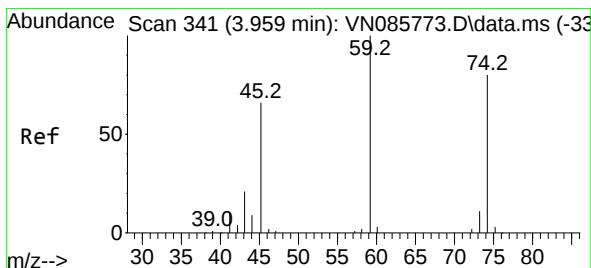
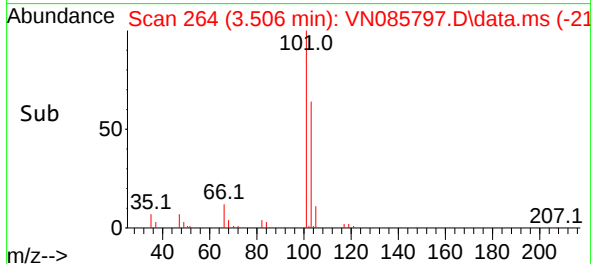
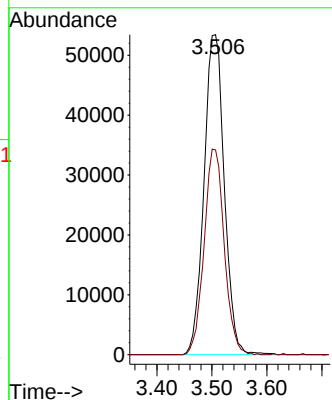
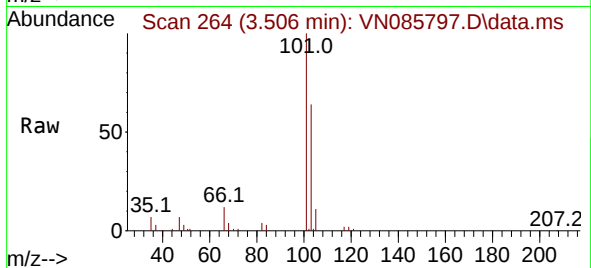
#7
Trichlorofluoromethane
Concen: 19.583 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN085797.D
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Instrument :
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VN0220WBS01

Tgt Ion:101 Resp: 137235
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.4

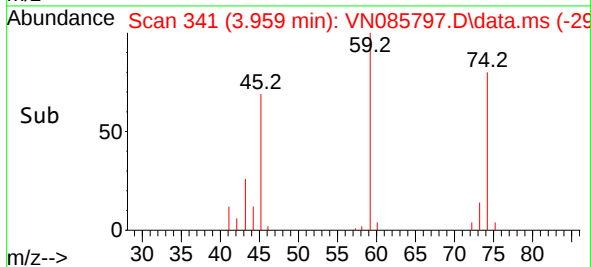
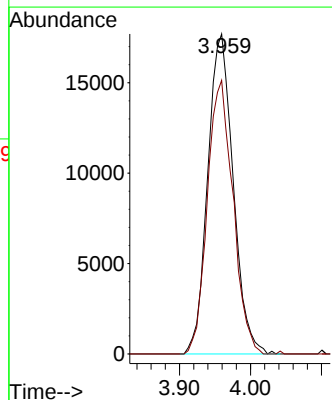
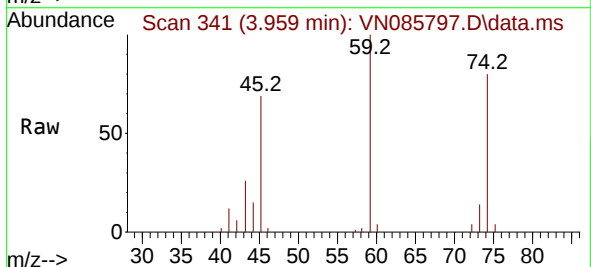
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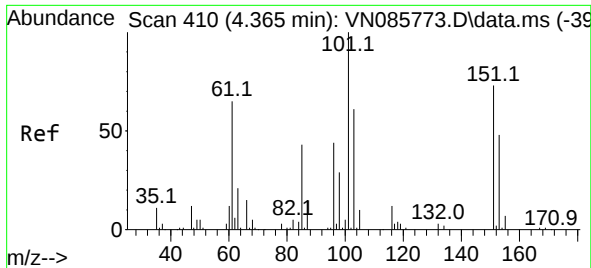
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#8
Diethyl Ether
Concen: 19.411 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

Tgt Ion: 74 Resp: 44015
Ion Ratio Lower Upper
74 100
45 86.3 42.5 127.6





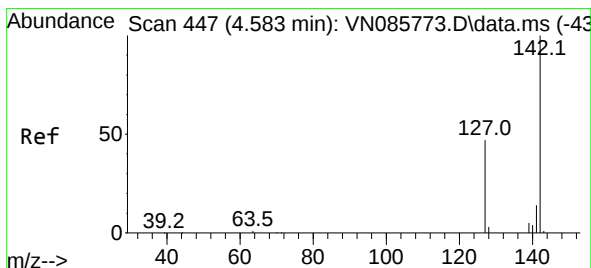
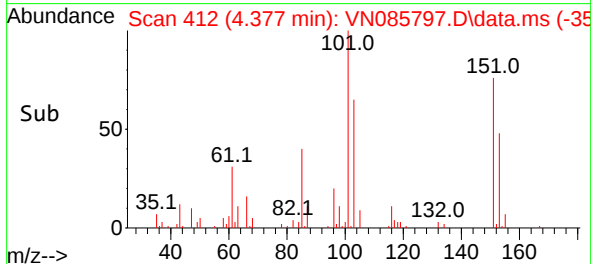
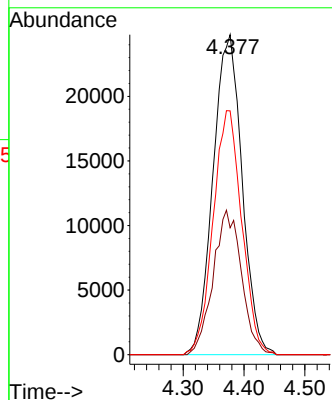
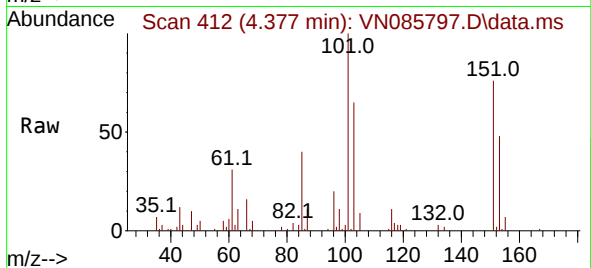
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.276 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01

Tgt Ion:101 Resp: 82136
Ion Ratio Lower Upper
101 100
85 44.1 35.7 53.5
151 75.1 61.4 92.2

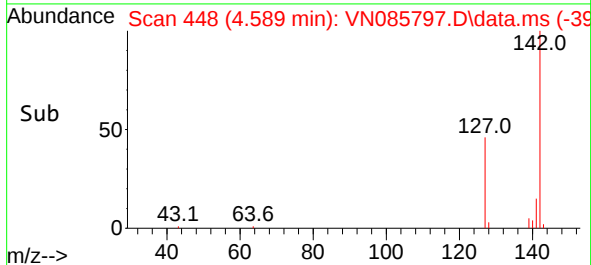
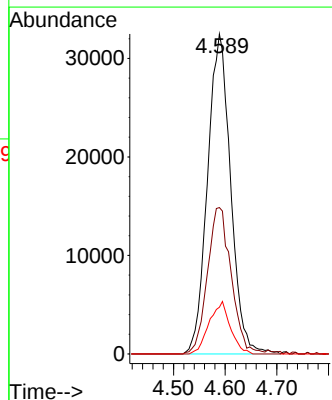
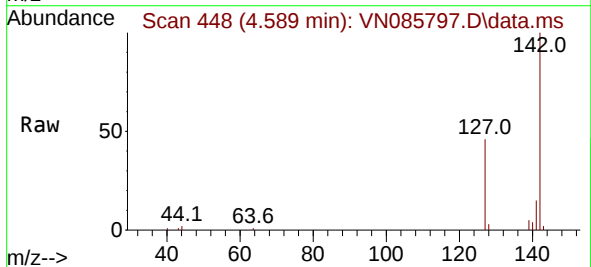
Manual Integrations
APPROVED

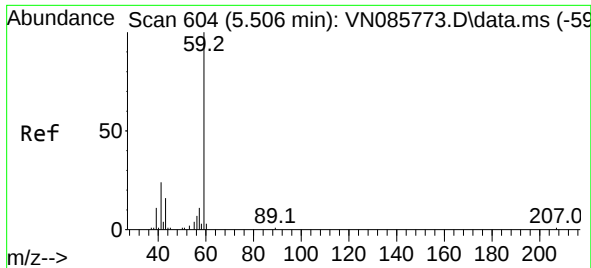
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#10
Methyl Iodide
Concen: 20.202 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

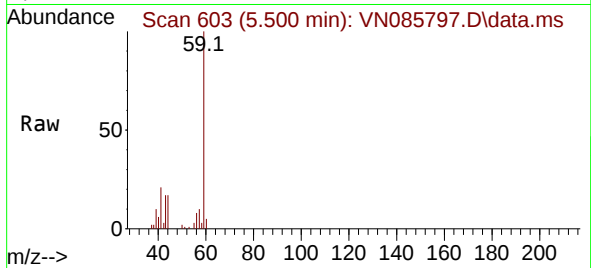
Tgt Ion:142 Resp: 100877
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 81.705 ug/l
RT: 5.500 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

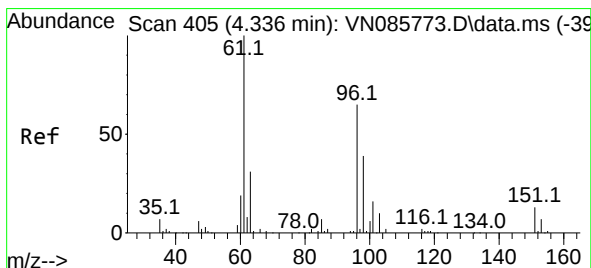
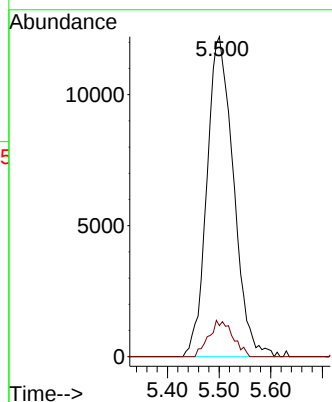
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



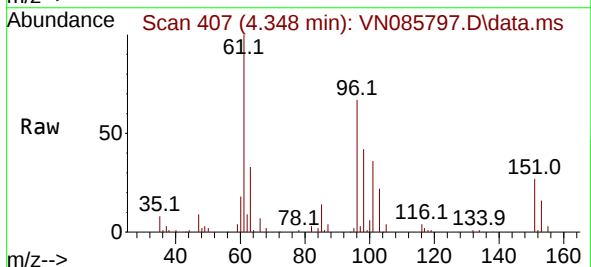
Tgt Ion: 59 Resp: 43630
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

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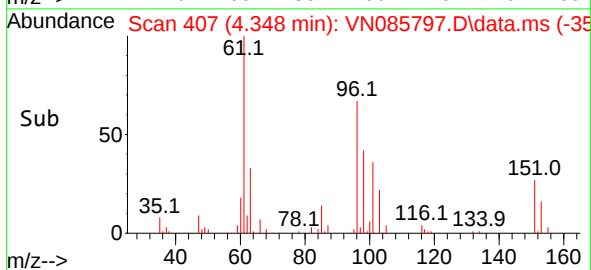
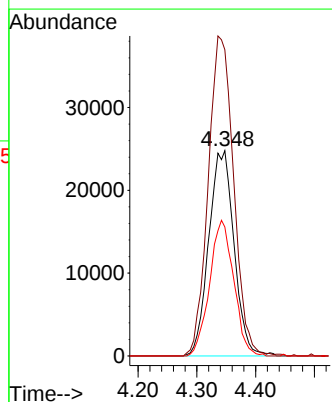
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

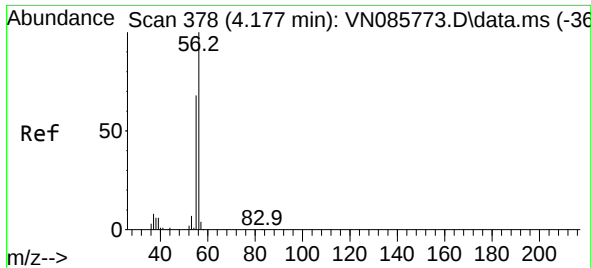


#12
1,1-Dichloroethene
Concen: 20.194 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



Tgt Ion: 96 Resp: 74172
Ion Ratio Lower Upper
96 100
61 149.1 123.3 184.9
98 62.8 48.6 72.8





#13

Acrolein

Concen: 105.847 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN085797.D

Acq: 20 Feb 2025 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01

Tgt Ion: 56 Resp: 83830

Ion Ratio Lower Upper

56 100

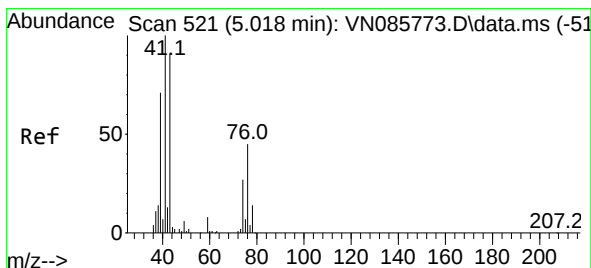
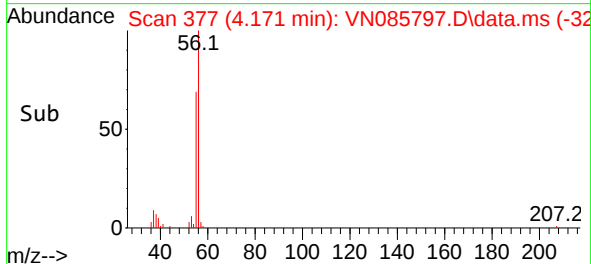
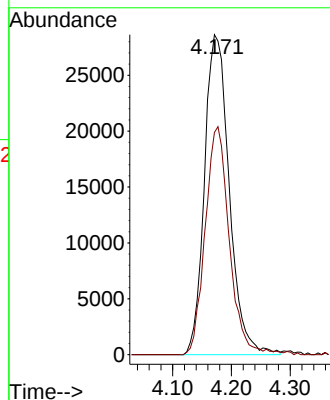
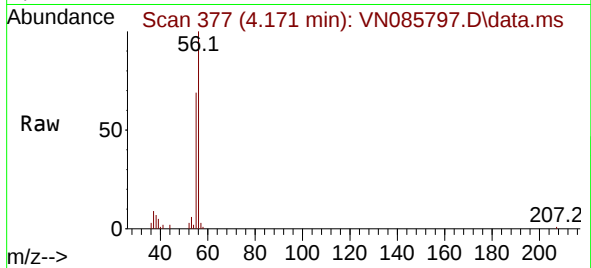
55 69.3 55.3 82.9

Manual Integrations

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Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#14

Allyl chloride

Concen: 19.969 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085797.D

Acq: 20 Feb 2025 13:58

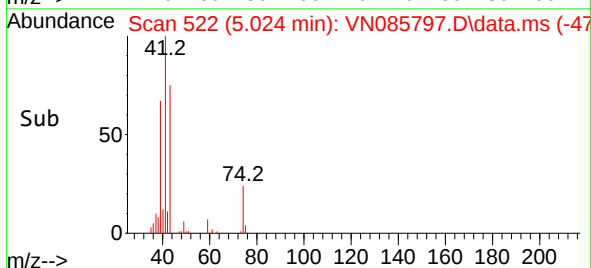
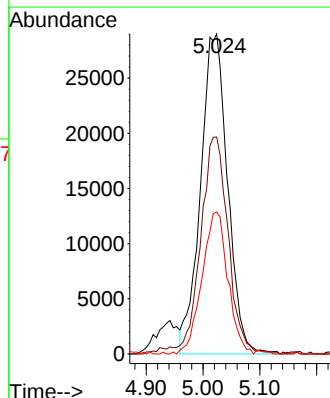
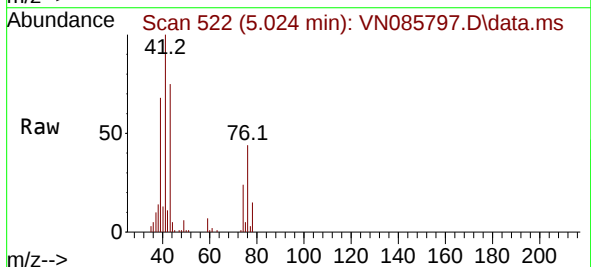
Tgt Ion: 41 Resp: 96298

Ion Ratio Lower Upper

41 100

39 69.7 57.4 86.2

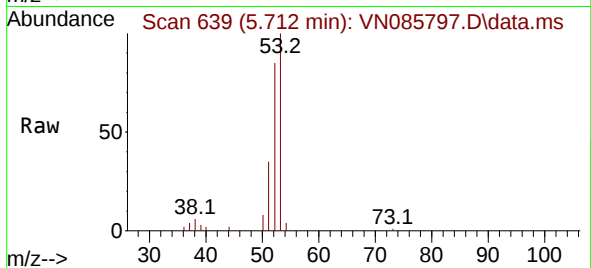
76 42.2 36.2 54.2





#15
Acrylonitrile
Concen: 90.085 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

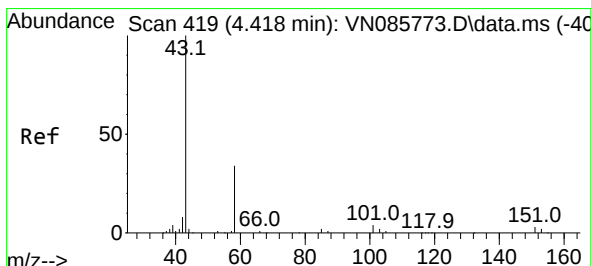
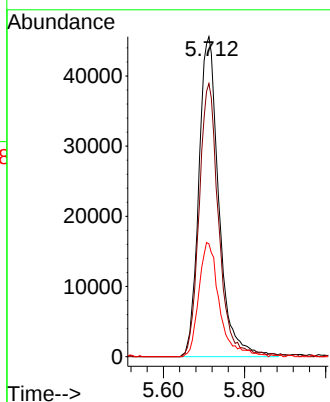
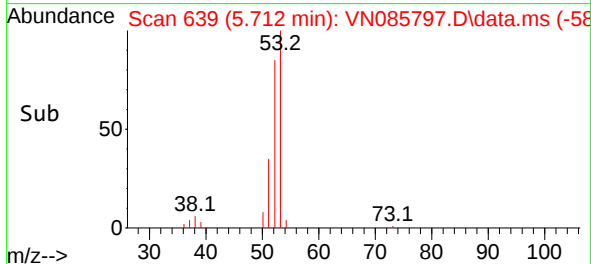
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



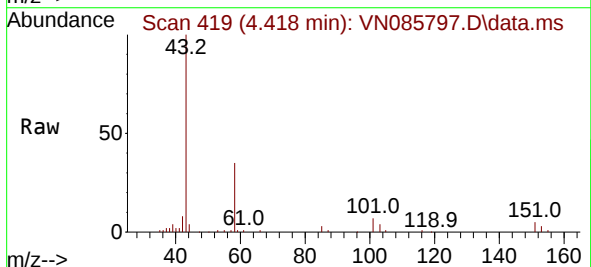
Tgt Ion: 53 Resp: 15640
Ion Ratio Lower Upper
53 100
52 82.9 65.8 98.6
51 36.7 28.6 42.8

Manual Integrations
APPROVED

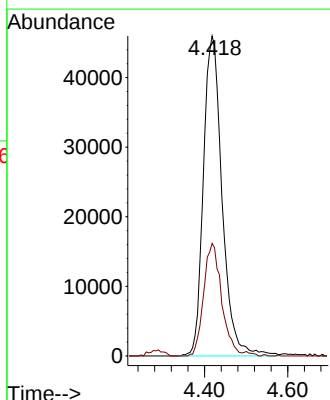
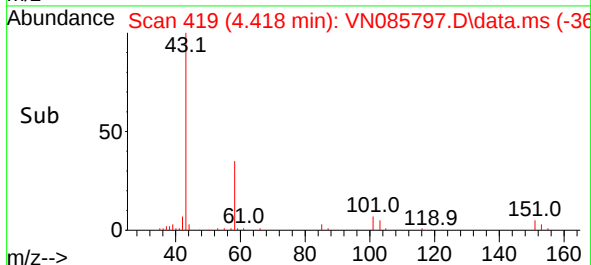
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

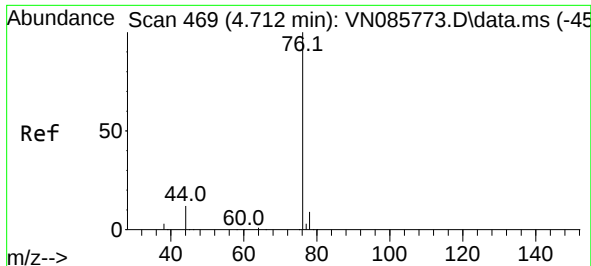


#16
Acetone
Concen: 104.889 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



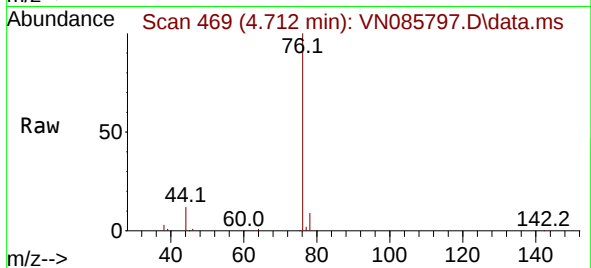
Tgt Ion: 43 Resp: 144114
Ion Ratio Lower Upper
43 100
58 35.2 27.5 41.3





#17
Carbon Disulfide
Concen: 18.717 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

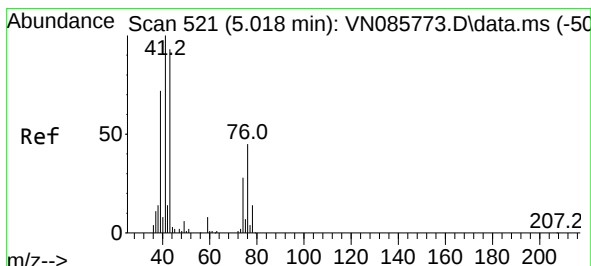
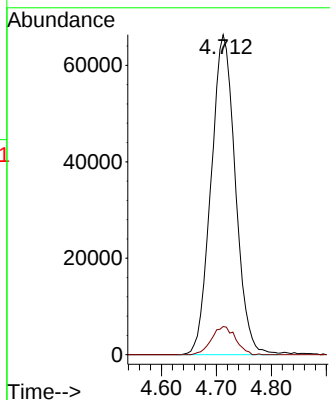
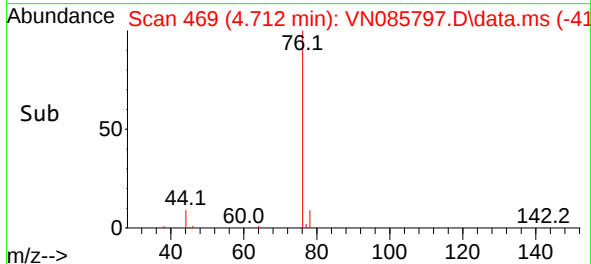
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



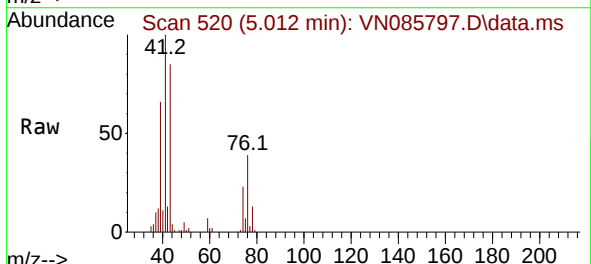
Tgt Ion: 76 Resp: 203750
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

Manual Integrations
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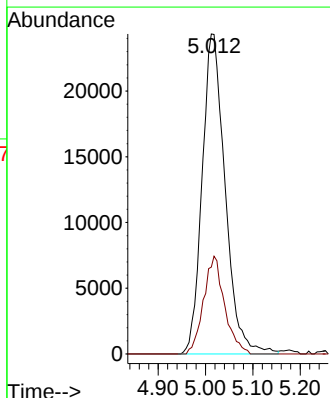
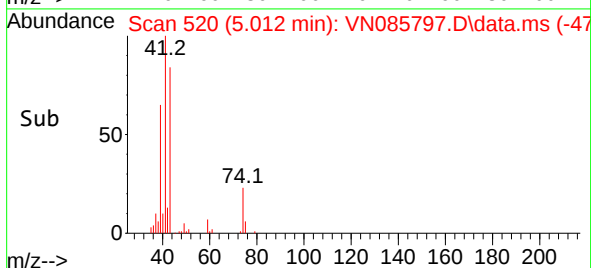
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#18
Methyl Acetate
Concen: 17.385 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



Tgt Ion: 43 Resp: 82157
Ion Ratio Lower Upper
43 100
74 27.7 22.2 33.4





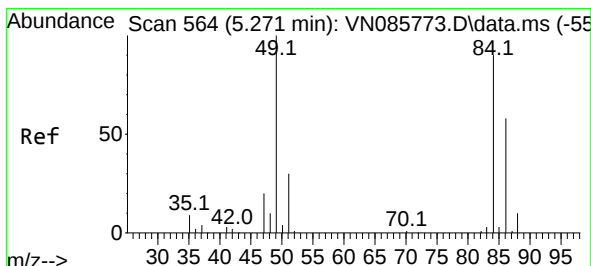
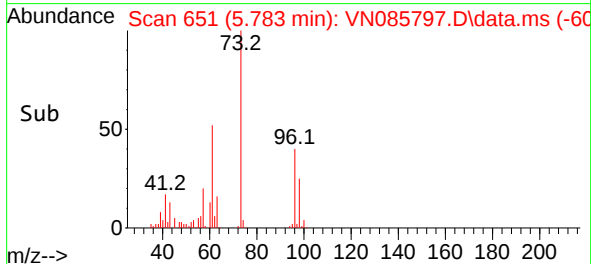
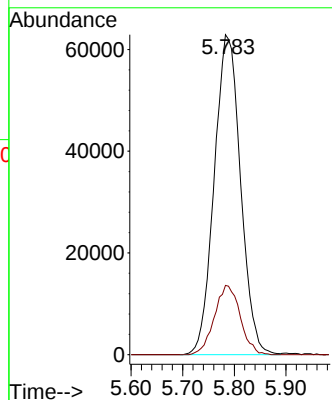
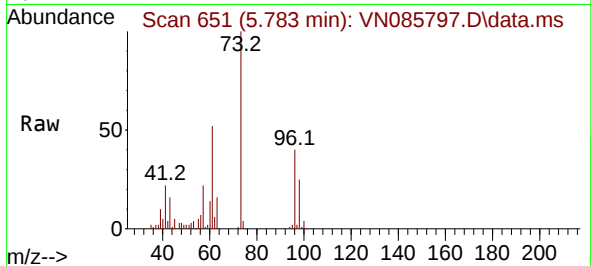
#19
Methyl tert-butyl Ether
Concen: 20.390 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01

Tgt Ion: 73 Resp: 222550
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

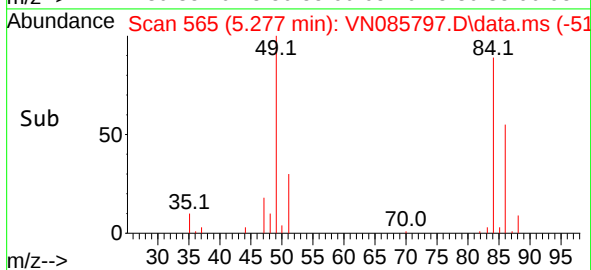
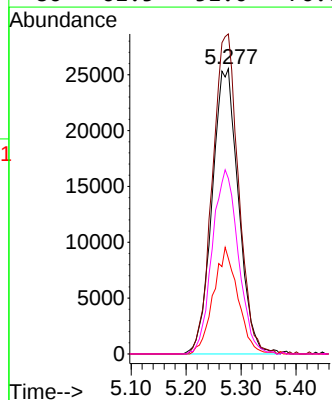
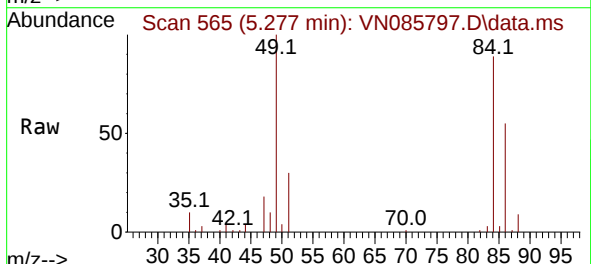
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#20
Methylene Chloride
Concen: 19.219 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

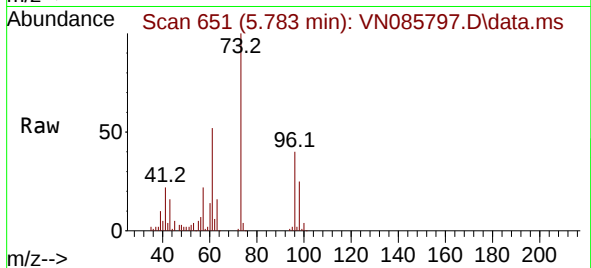
Tgt Ion: 84 Resp: 84922
Ion Ratio Lower Upper
84 100
49 112.2 88.4 132.6
51 33.5 26.6 40.0
86 61.5 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.461 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

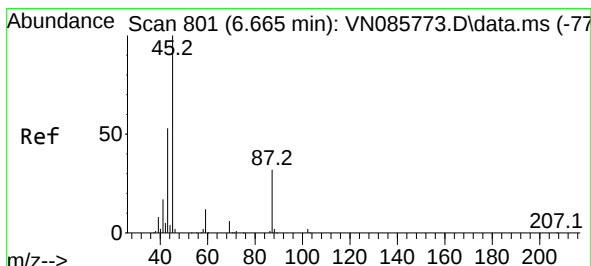
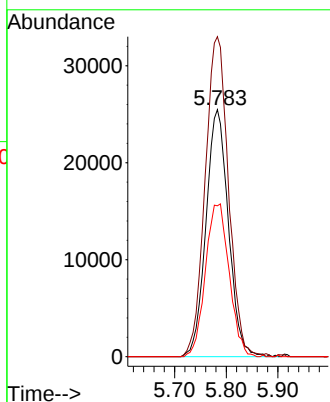
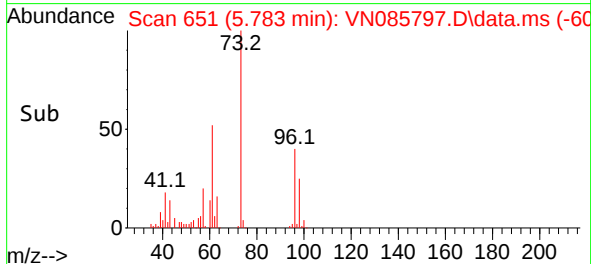
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



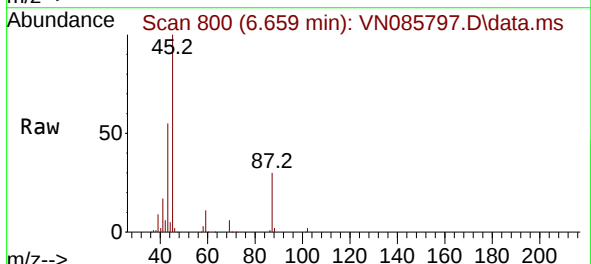
Tgt Ion: 96 Resp: 7696
Ion Ratio Lower Upper
96 100
61 129.6 112.6 168.8
98 61.1 53.3 79.9

Manual Integrations
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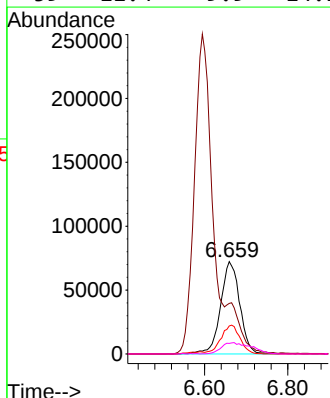
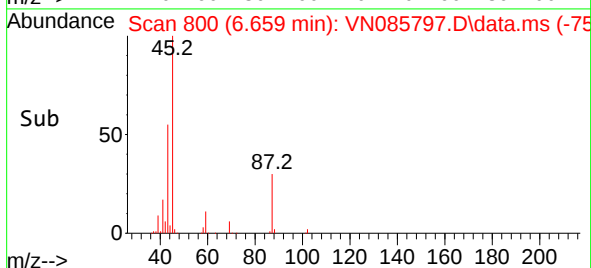
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#22
Diisopropyl ether
Concen: 21.250 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



Tgt Ion: 45 Resp: 231557
Ion Ratio Lower Upper
45 100
43 54.0 42.6 64.0
87 30.3 25.8 38.8
59 11.4 9.9 14.9





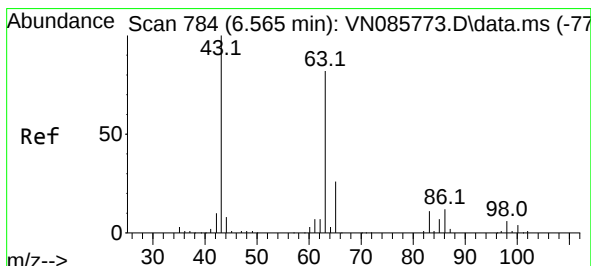
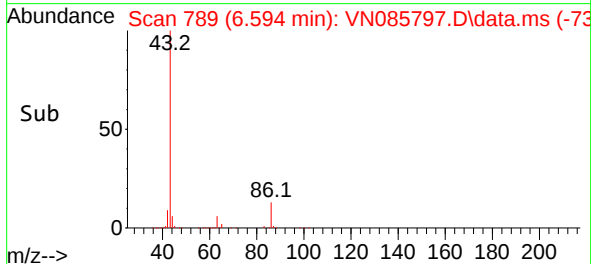
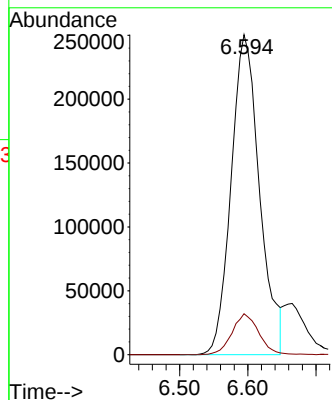
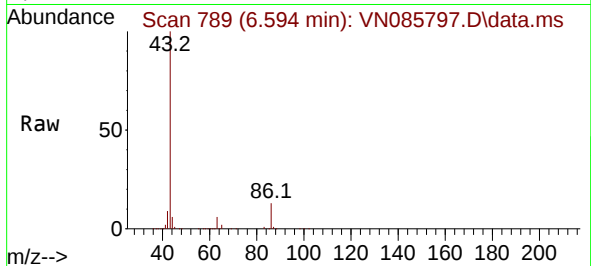
#23
 Vinyl Acetate
 Concen: 97.254 ug/l
 RT: 6.594 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VN085797.D
 Acq: 20 Feb 2025 13:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBS01

Tgt Ion: 43 Resp: 72560
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.8 14.8

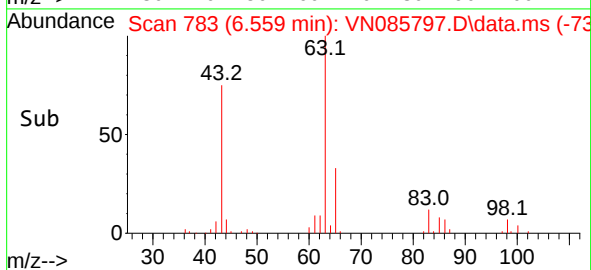
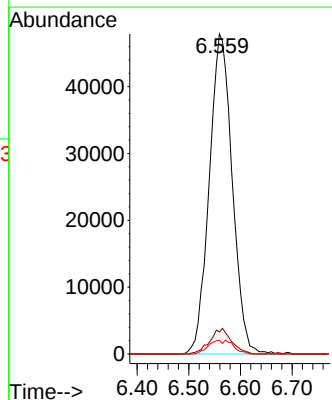
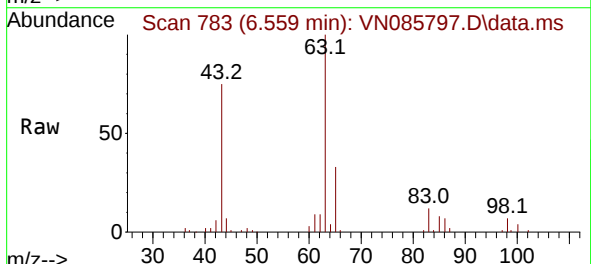
Manual Integrations
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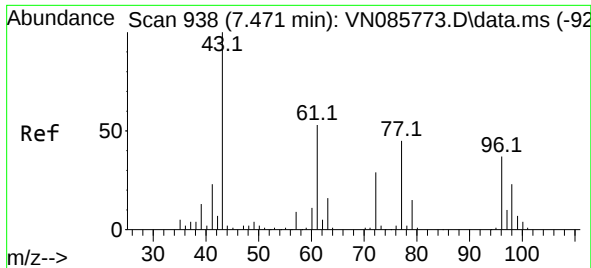
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025



#24
 1,1-Dichloroethane
 Concen: 19.968 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN085797.D
 Acq: 20 Feb 2025 13:58

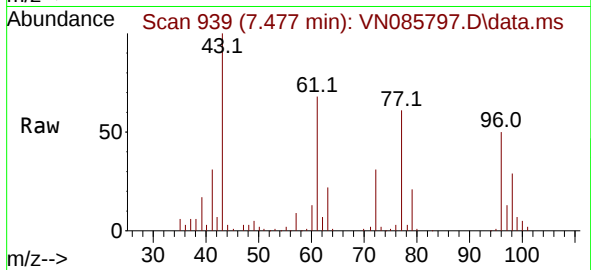
Tgt Ion: 63 Resp: 147907
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.2 2.4 7.2





#25
2-Butanone
Concen: 94.611 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

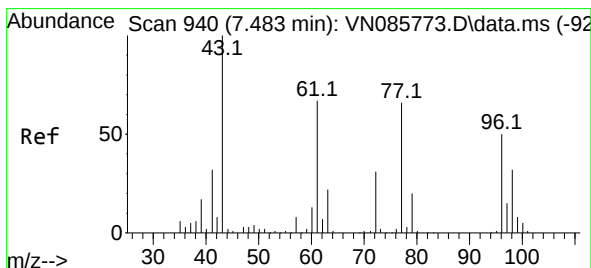
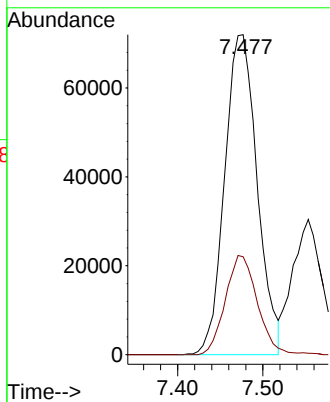
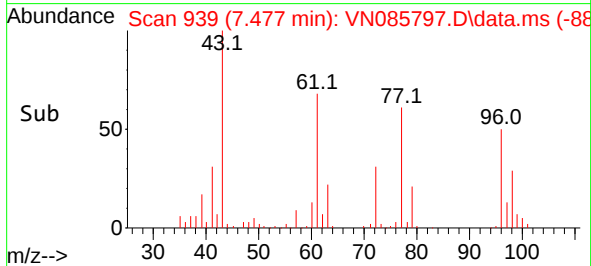
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion: 43 Resp: 191244
Ion Ratio Lower Upper
43 100
72 30.6 23.6 35.4

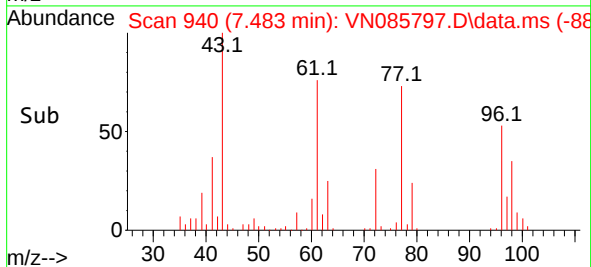
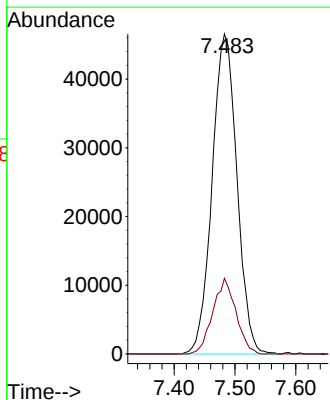
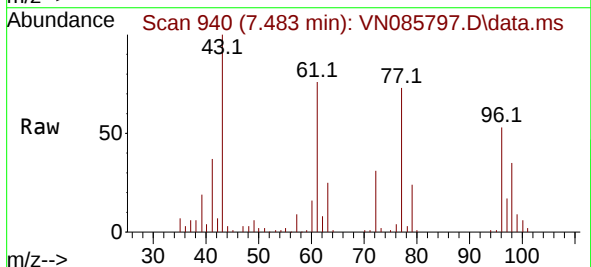
Manual Integrations
APPROVED

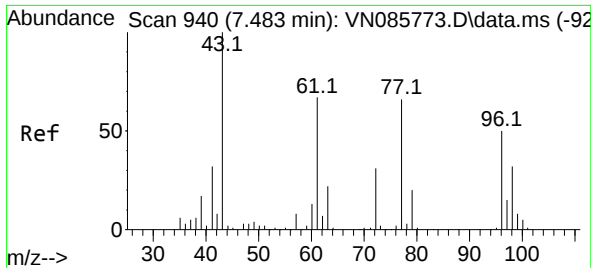
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#26
2,2-Dichloropropane
Concen: 19.999 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

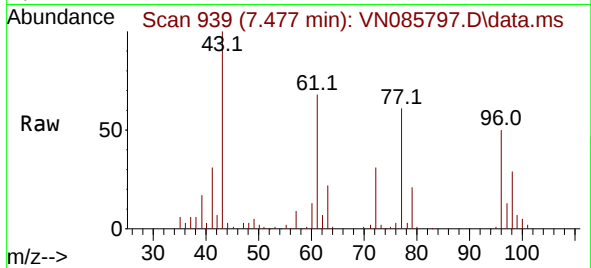
Tgt Ion: 77 Resp: 131728
Ion Ratio Lower Upper
77 100
97 22.0 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.040 ug/l
 RT: 7.477 min Scan# 919
 Delta R.T. -0.006 min
 Lab File: VN085797.D
 Acq: 20 Feb 2025 13:58

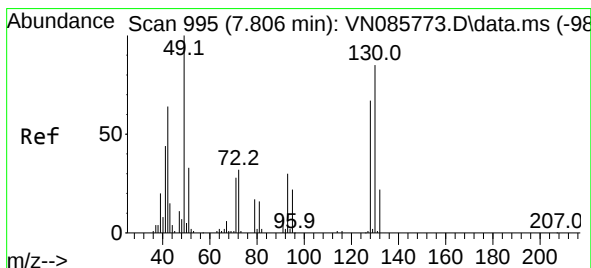
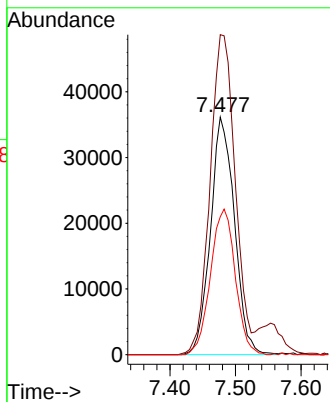
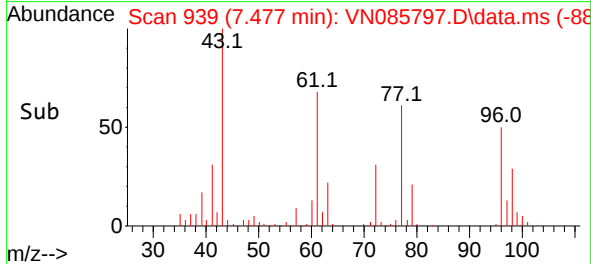
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBS01



Tgt Ion: 96 Resp: 91900
 Ion Ratio Lower Upper
 96 100
 61 141.7 0.0 280.6
 98 63.4 0.0 128.6

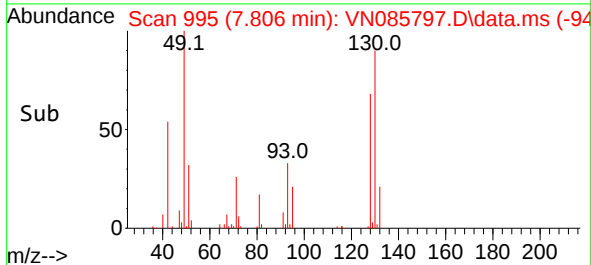
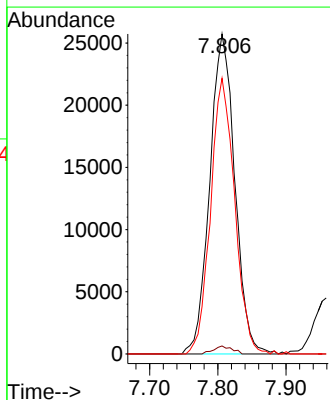
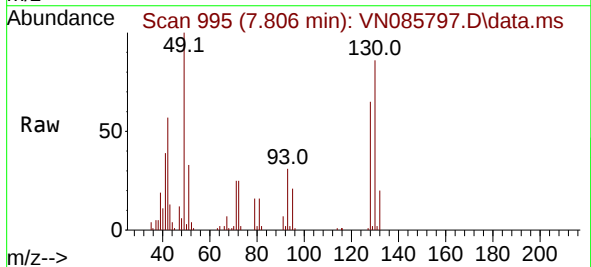
Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025



#28
 Bromochloromethane
 Concen: 21.617 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085797.D
 Acq: 20 Feb 2025 13:58

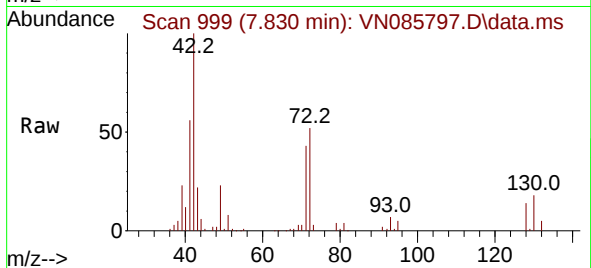
Tgt Ion: 49 Resp: 65814
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 82.8 68.0 102.0





#29
Tetrahydrofuran
Concen: 91.431 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

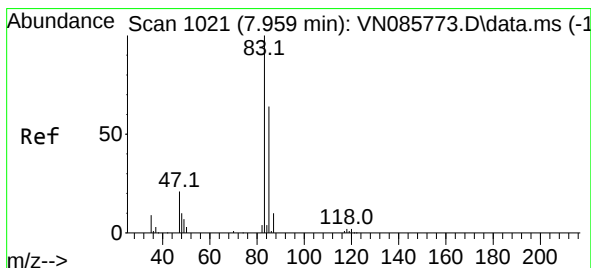
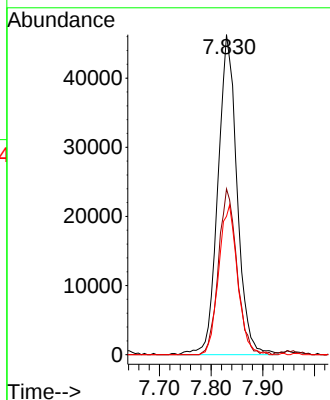
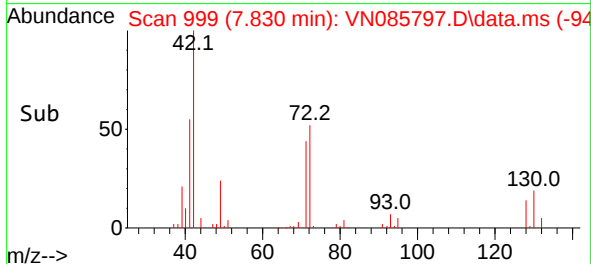
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



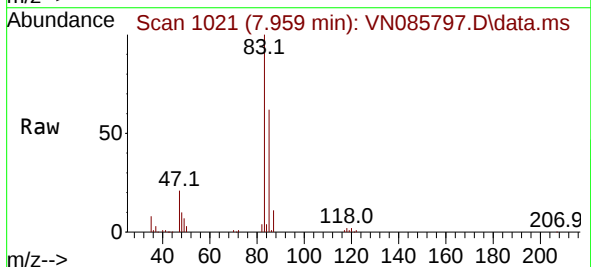
Tgt Ion: 42 Resp: 119344
Ion Ratio Lower Upper
42 100
72 50.0 40.0 60.0
71 46.0 37.0 55.4

Manual Integrations
APPROVED

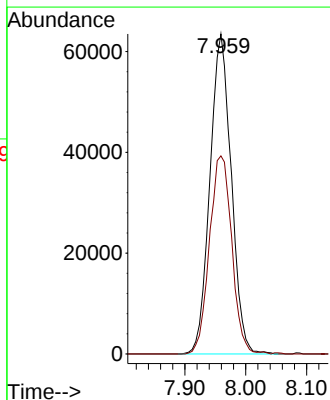
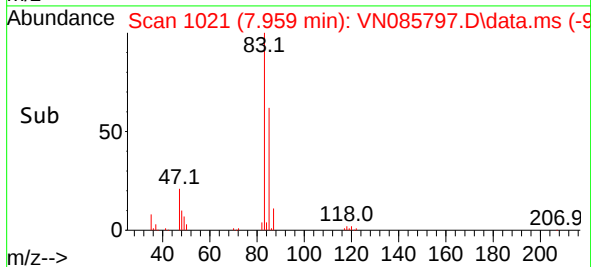
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

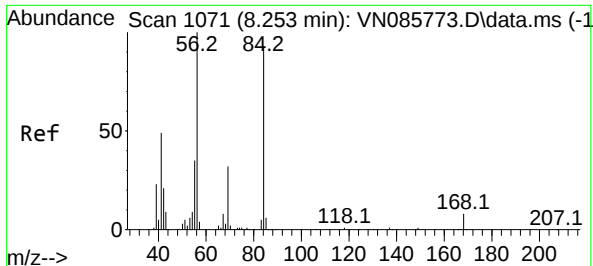


#30
Chloroform
Concen: 19.930 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



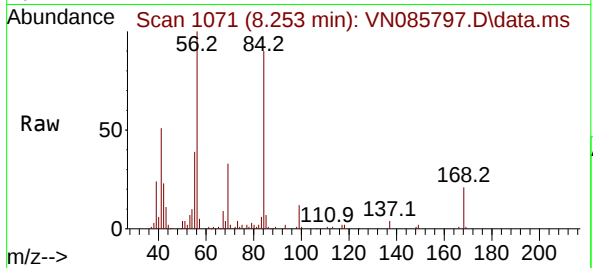
Tgt Ion: 83 Resp: 154276
Ion Ratio Lower Upper
83 100
85 61.9 50.9 76.3





#31
Cyclohexane
Concen: 19.210 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

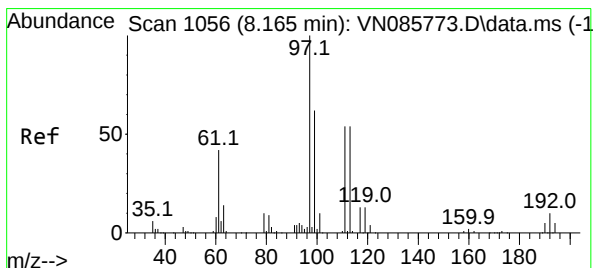
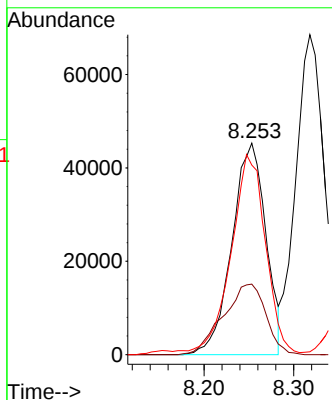
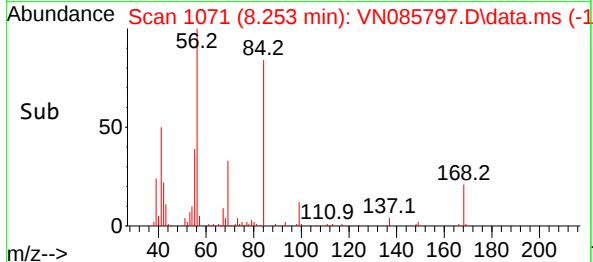
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



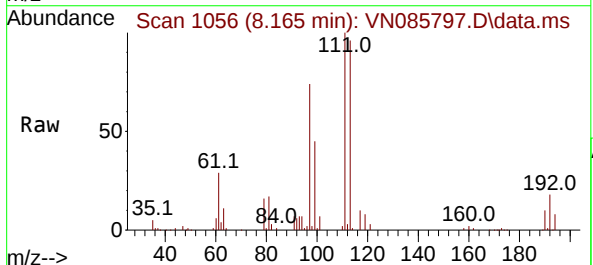
Tgt Ion: 56 Resp: 119139
Ion Ratio Lower Upper
56 100
69 33.4 25.8 38.6
84 87.7 74.5 111.7

Manual Integrations
APPROVED

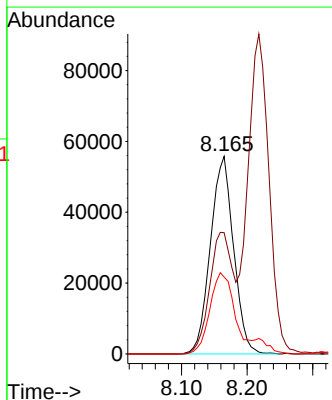
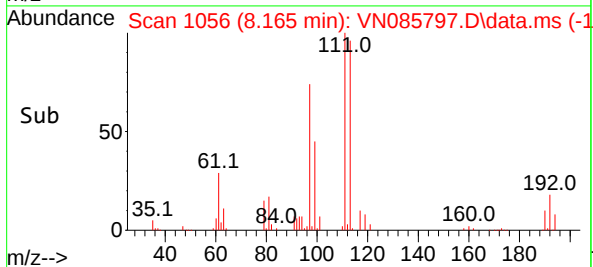
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#32
1,1,1-Trichloroethane
Concen: 19.860 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



Tgt Ion: 97 Resp: 136738
Ion Ratio Lower Upper
97 100
99 61.1 50.4 75.6
61 43.9 35.5 53.3





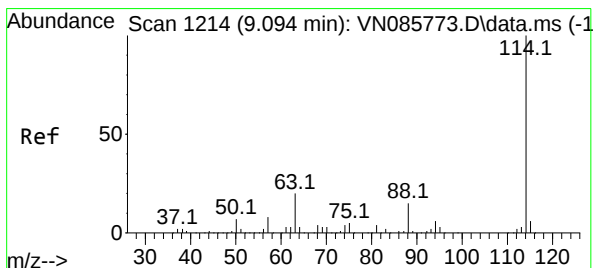
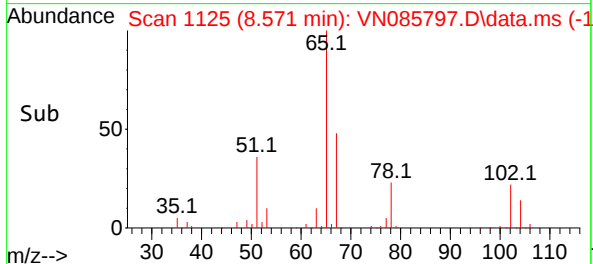
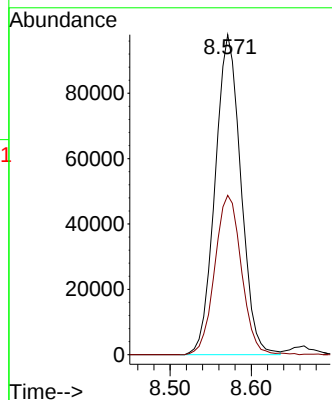
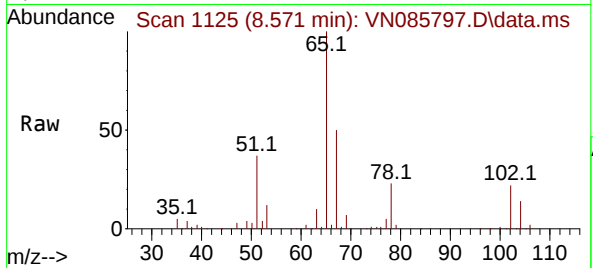
#33
1,2-Dichloroethane-d4
Concen: 49.728 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01

Tgt Ion: 65 Resp: 21593
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.2

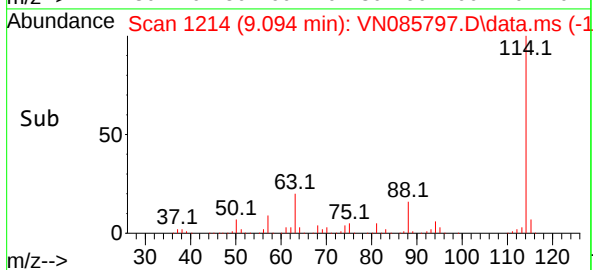
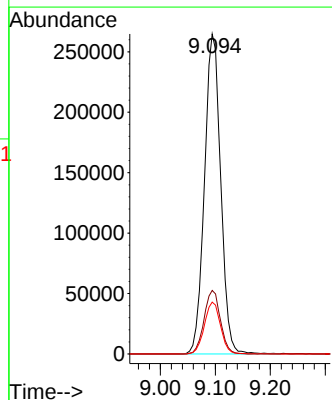
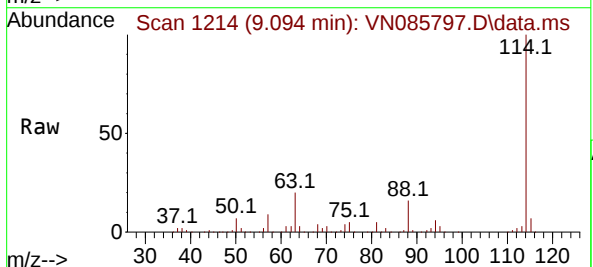
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

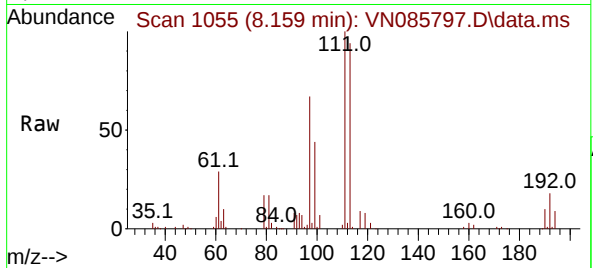
Tgt Ion:114 Resp: 543052
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 16.2 0.0 30.0





#35
Dibromofluoromethane
Concen: 51.512 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

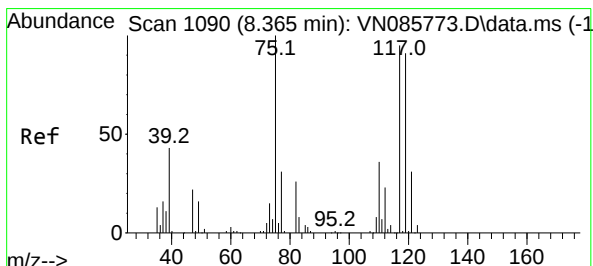
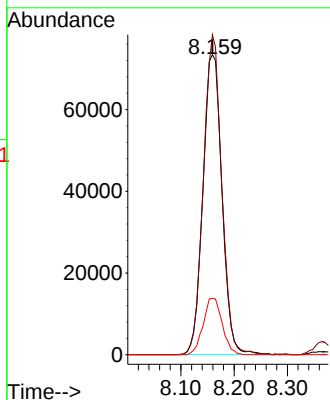
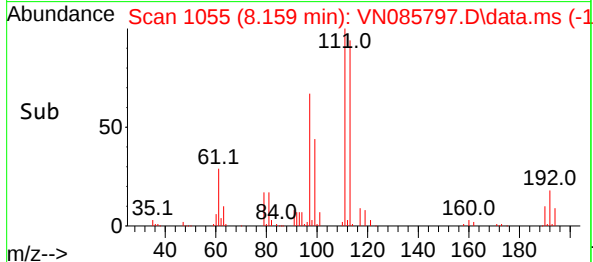
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



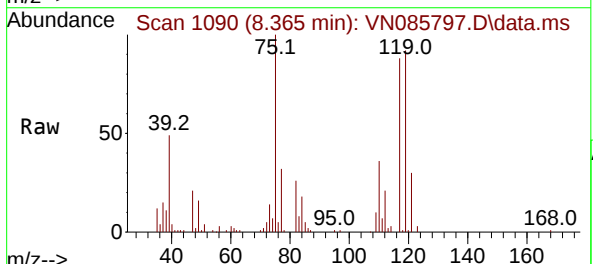
Tgt Ion: 113 Resp: 183048
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 18.7 14.7 22.1

Manual Integrations
APPROVED

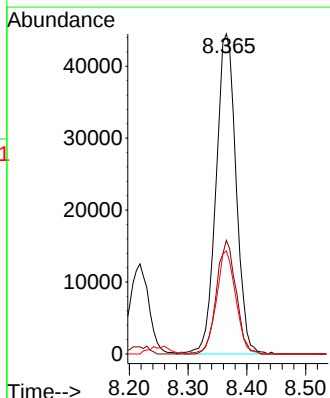
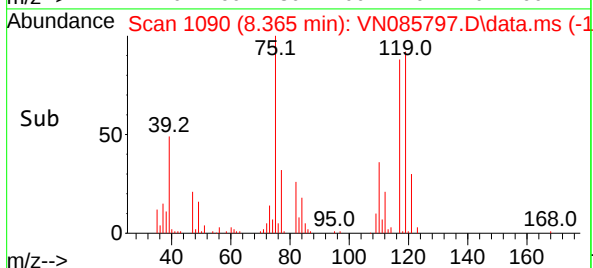
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

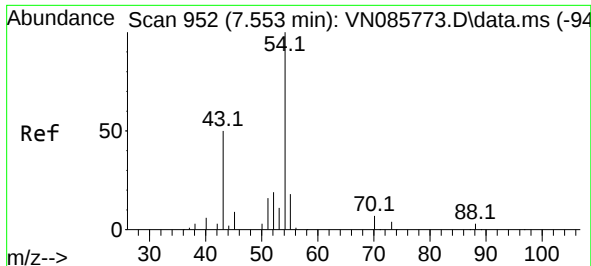


#36
1,1-Dichloropropene
Concen: 20.953 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



Tgt Ion: 75 Resp: 105375
Ion Ratio Lower Upper
75 100
110 34.5 17.3 52.0
77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 18.490 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN085797.D

Acq: 20 Feb 2025 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01

Tgt Ion: 43 Resp: 76524

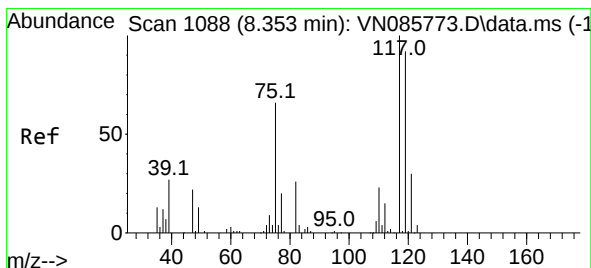
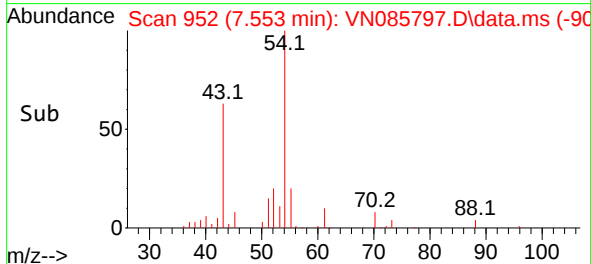
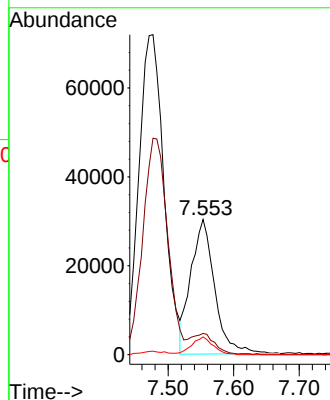
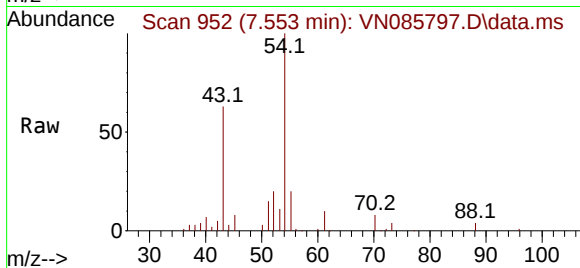
Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.2	18.2
70	11.8	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#38

Carbon Tetrachloride

Concen: 19.977 ug/l

RT: 8.353 min Scan# 1088

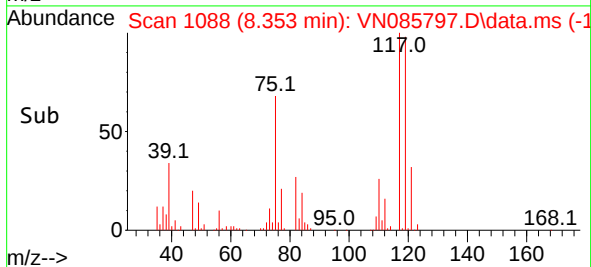
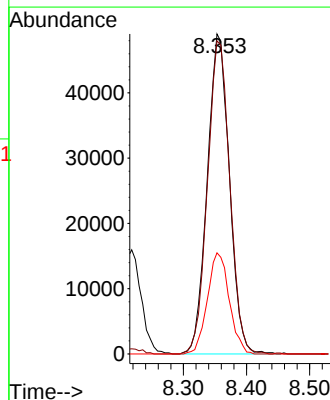
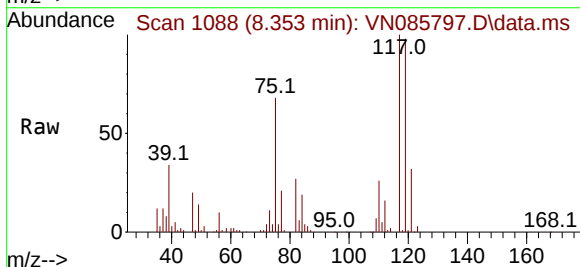
Delta R.T. 0.000 min

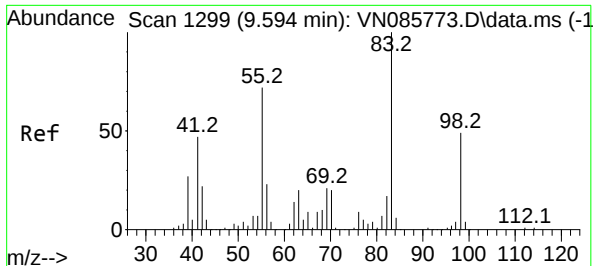
Lab File: VN085797.D

Acq: 20 Feb 2025 13:58

Tgt Ion:117 Resp: 119376

Ion	Ratio	Lower	Upper
117	100		
119	97.8	73.8	110.6
121	31.6	24.3	36.5





#39

Methylcyclohexane

Concen: 21.542 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VN085797.D

Acq: 20 Feb 2025 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01

Tgt Ion: 83 Resp: 106429

Ion Ratio Lower Upper

83 100

55 74.0 57.5 86.3

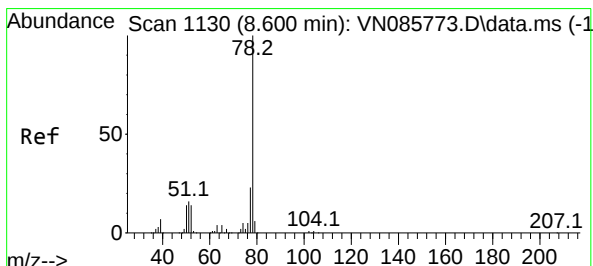
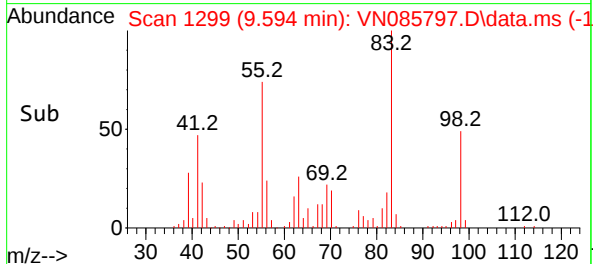
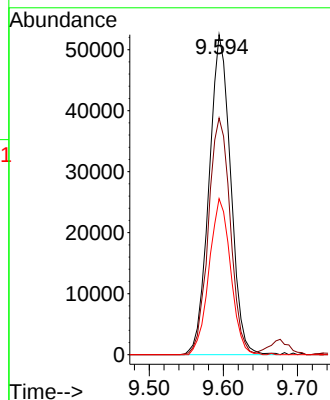
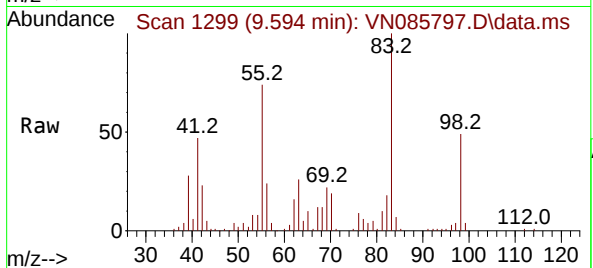
98 48.8 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#40

Benzene

Concen: 20.858 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085797.D

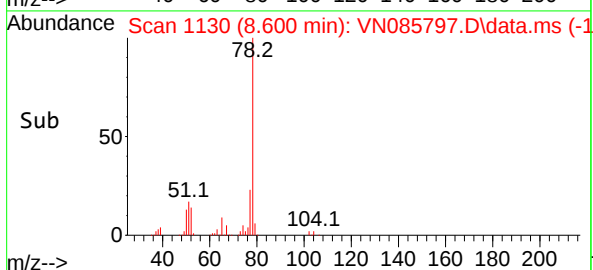
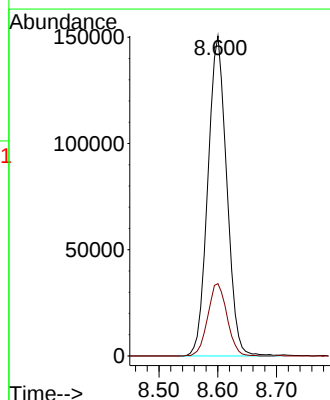
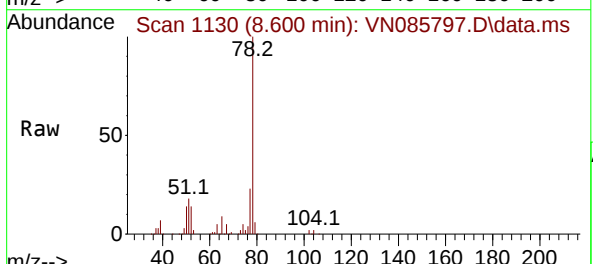
Acq: 20 Feb 2025 13:58

Tgt Ion: 78 Resp: 336199

Ion Ratio Lower Upper

78 100

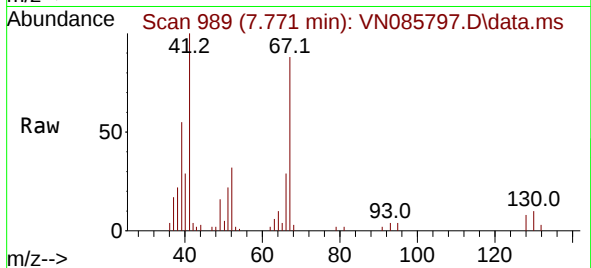
77 22.6 18.3 27.5





#41
Methacrylonitrile
Concen: 19.705 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

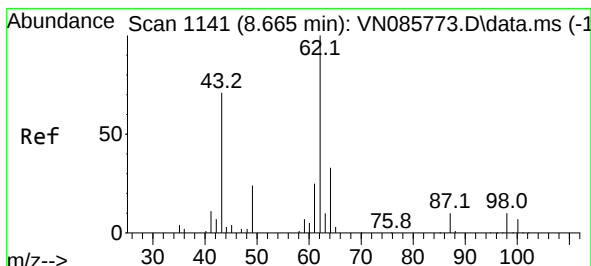
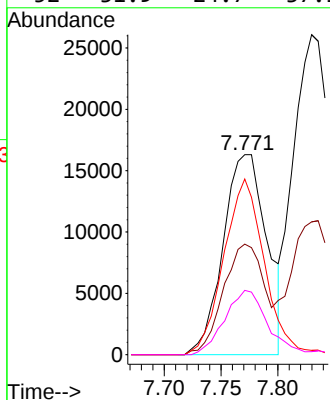
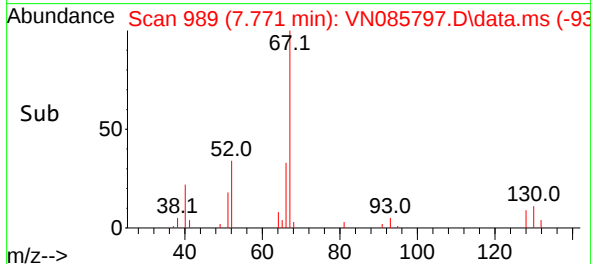
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



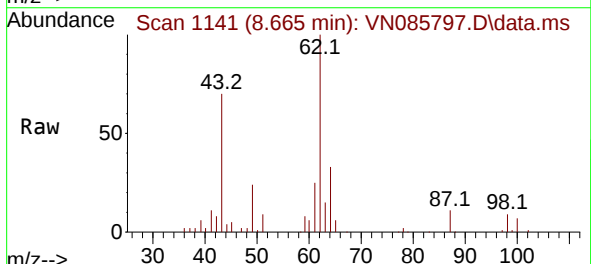
Tgt Ion: 41 Resp: 4359
Ion Ratio Lower Upper
41 100
39 51.3 42.0 63.0
67 81.8 64.2 96.4
52 31.9 24.7 37.1

Manual Integrations
APPROVED

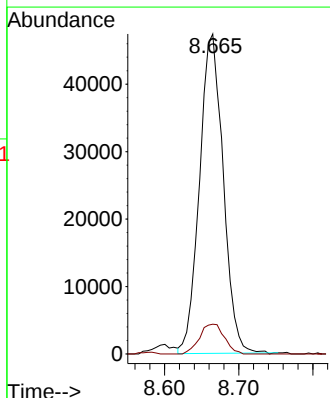
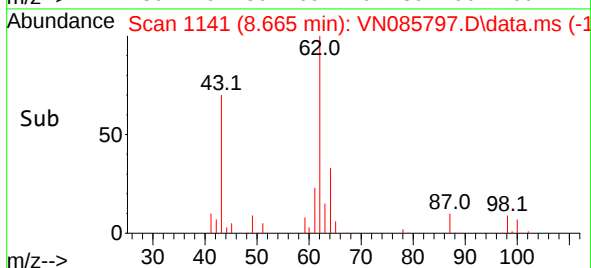
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#42
1,2-Dichloroethane
Concen: 20.041 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



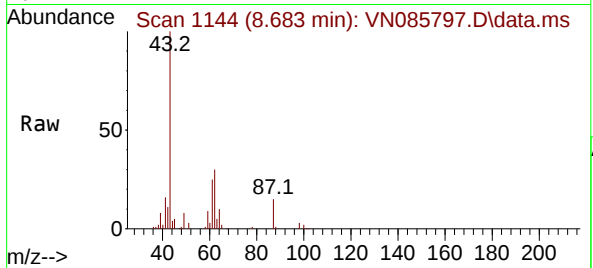
Tgt Ion: 62 Resp: 105223
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 18.862 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

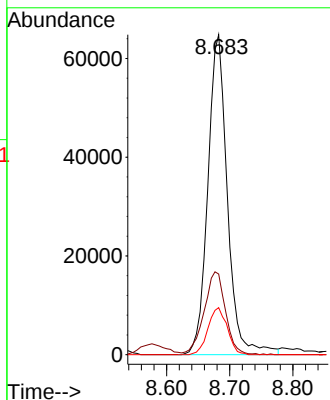
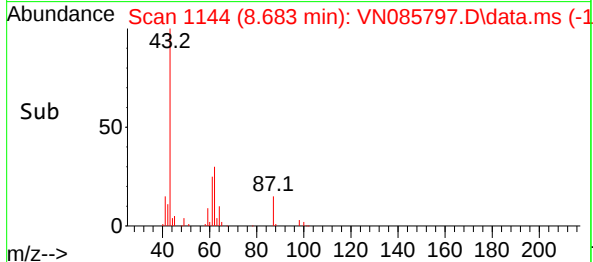
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion: 43 Resp: 13947
Ion Ratio Lower Upper
43 100
61 28.3 22.6 34.0
87 14.4 11.8 17.8

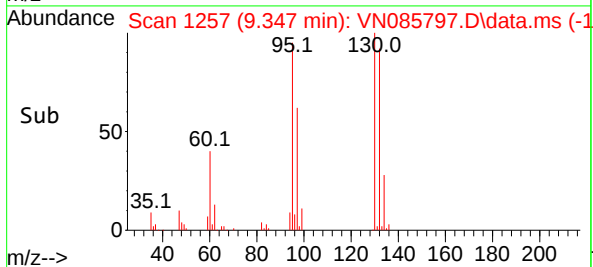
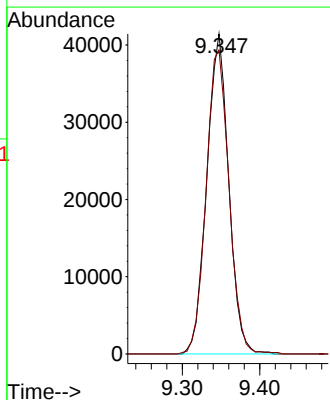
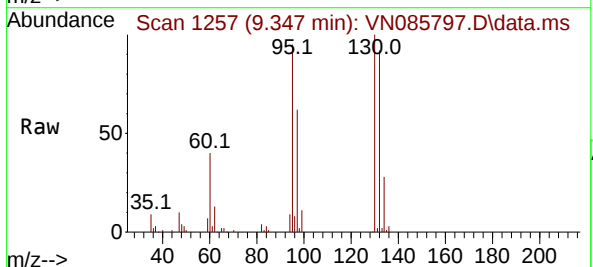
Manual Integrations
APPROVED

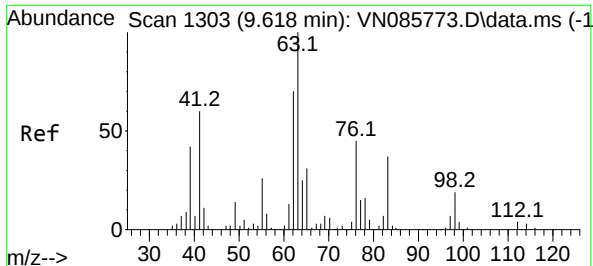
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#44
Trichloroethene
Concen: 20.551 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

Tgt Ion:130 Resp: 81335
Ion Ratio Lower Upper
130 100
95 95.0 0.0 202.6





#45

1,2-Dichloropropane

Concen: 20.540 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085797.D

Acq: 20 Feb 2025 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01

Tgt Ion: 63 Resp: 7991

Ion Ratio Lower Upper

63 100

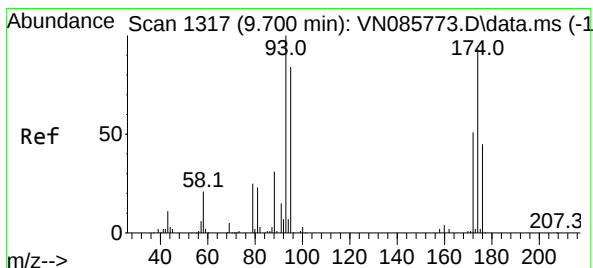
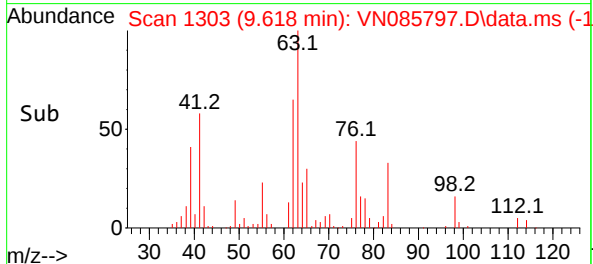
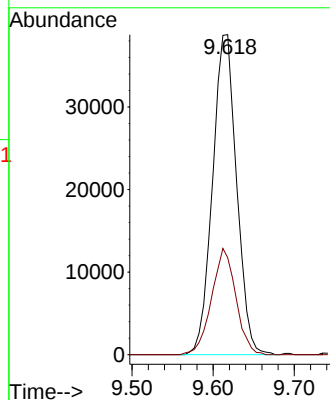
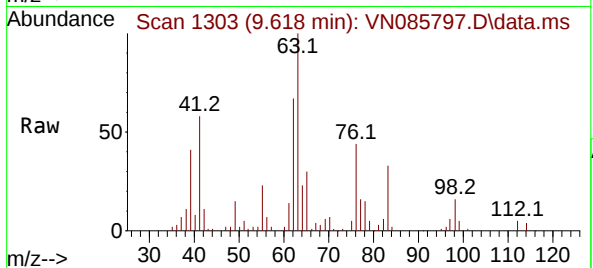
65 30.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#46

Dibromomethane

Concen: 20.229 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN085797.D

Acq: 20 Feb 2025 13:58

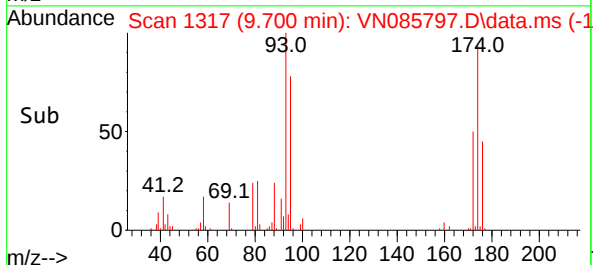
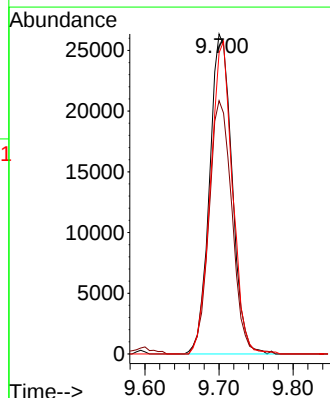
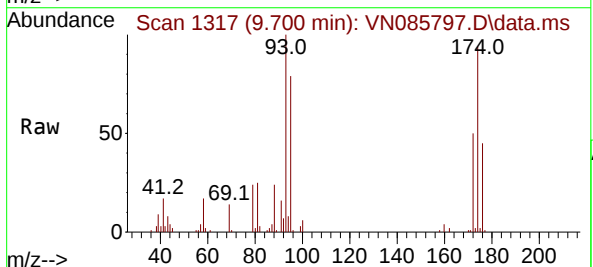
Tgt Ion: 93 Resp: 55515

Ion Ratio Lower Upper

93 100

95 80.9 66.7 100.1

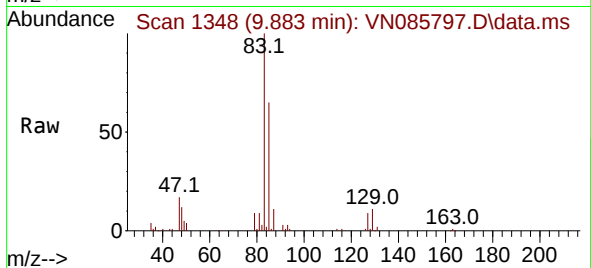
174 95.4 77.2 115.8





#47
Bromodichloromethane
Concen: 20.336 ug/l
RT: 9.883 min Scan# 11940
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

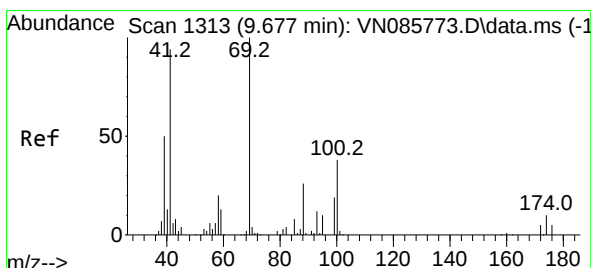
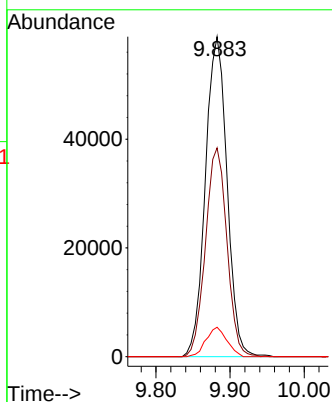
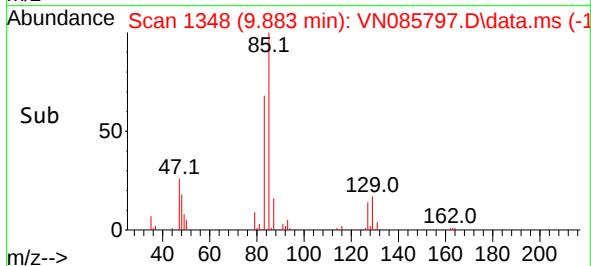
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



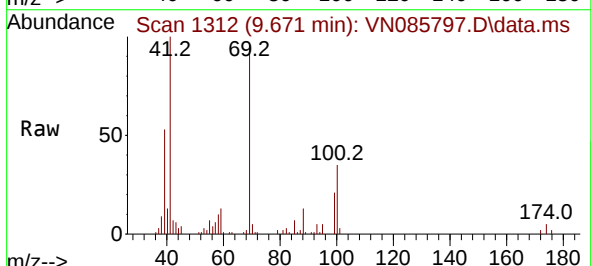
Tgt Ion: 83 Resp: 11940
Ion Ratio Lower Upper
83 100
85 65.3 50.5 75.7
127 9.2 7.2 10.8

Manual Integrations
APPROVED

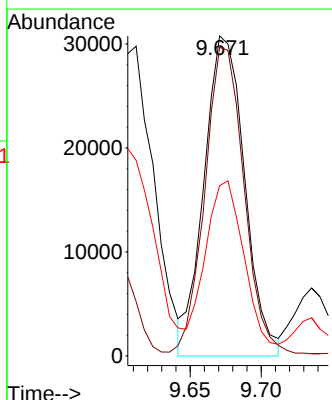
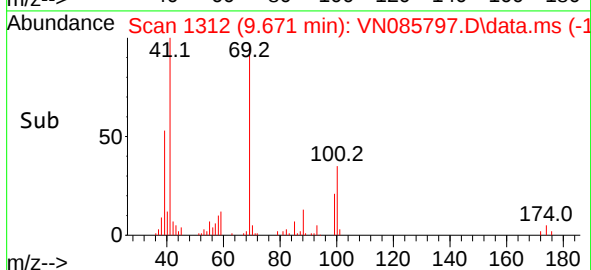
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

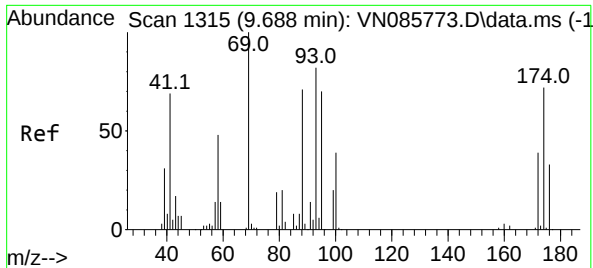


#48
Methyl methacrylate
Concen: 19.950 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



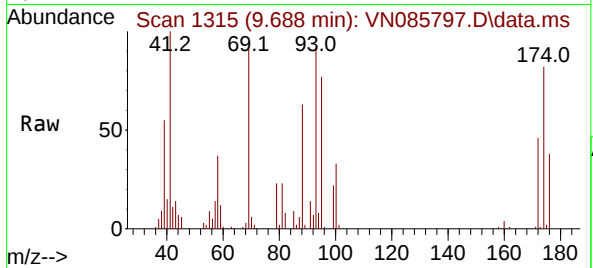
Tgt Ion: 41 Resp: 61318
Ion Ratio Lower Upper
41 100
69 94.2 76.0 114.0
39 53.3 42.3 63.5





#49
1,4-Dioxane
Concen: 364.182 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

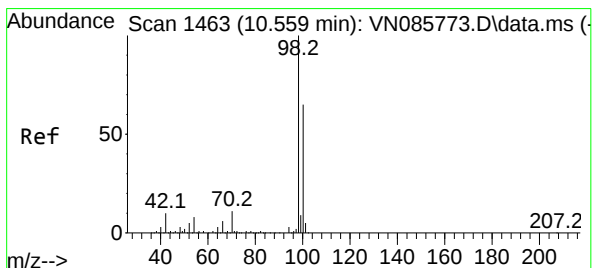
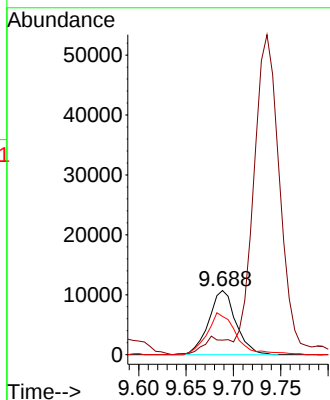
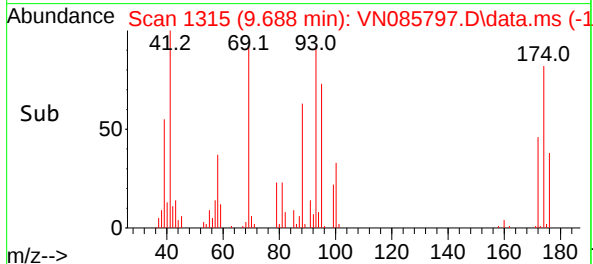
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion: 88 Resp: 21280
Ion Ratio Lower Upper
88 100
43 20.1 18.6 27.8
58 70.7 56.7 85.1

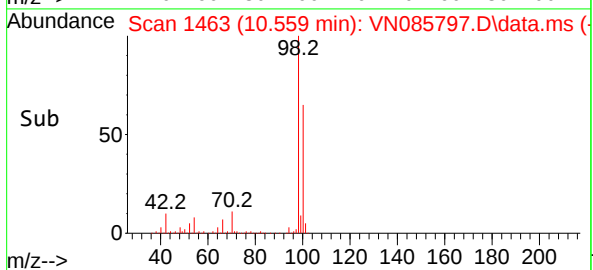
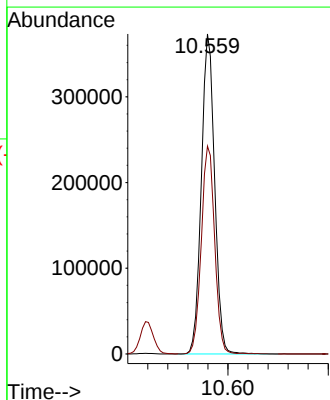
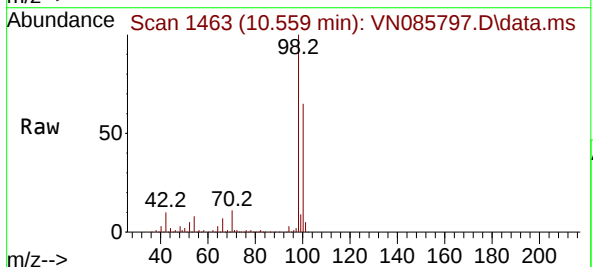
Manual Integrations
APPROVED

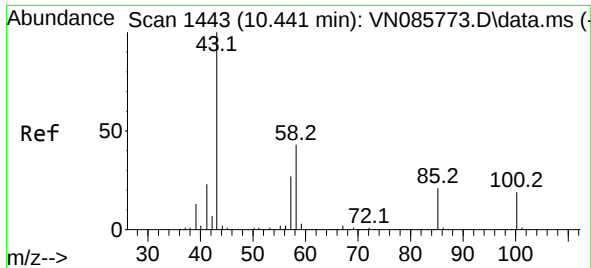
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#50
Toluene-d8
Concen: 53.080 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

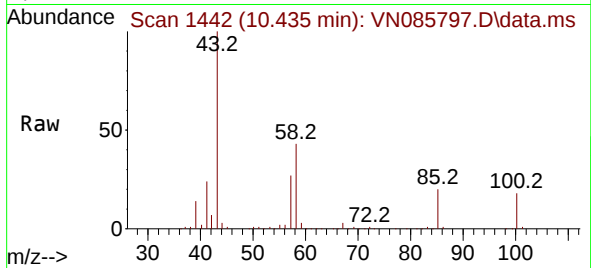
Tgt Ion: 98 Resp: 686252
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 95.207 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

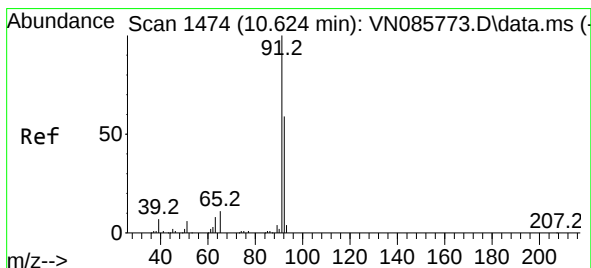
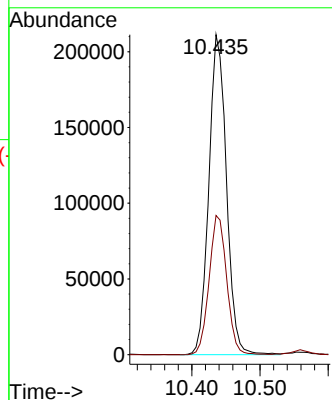
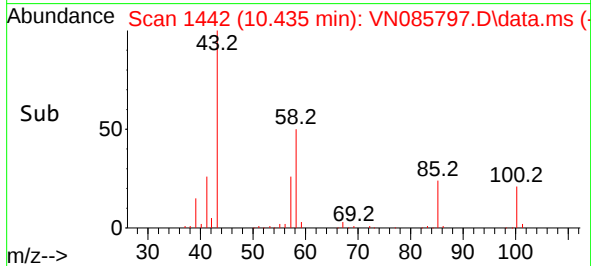
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion: 43 Resp: 379898
Ion Ratio Lower Upper
43 100
58 43.5 34.6 52.0

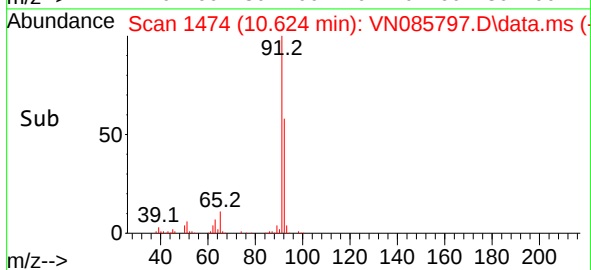
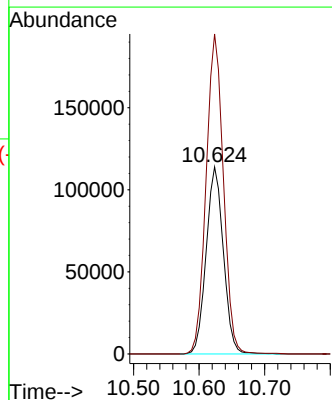
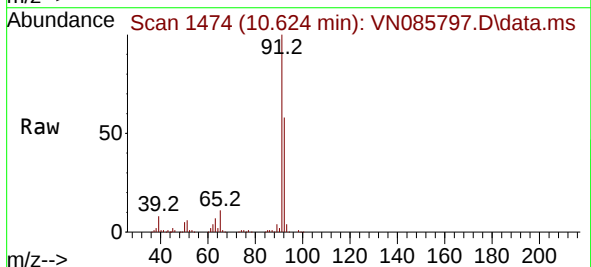
Manual Integrations
APPROVED

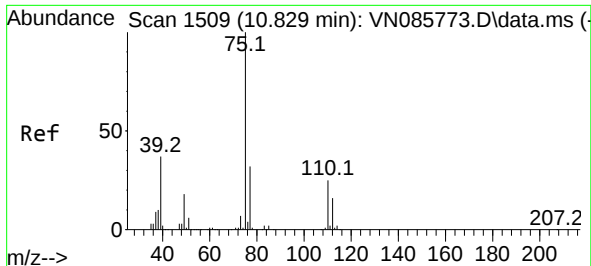
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#52
Toluene
Concen: 22.050 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

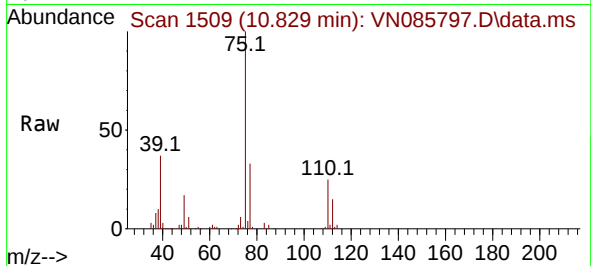
Tgt Ion: 92 Resp: 208342
Ion Ratio Lower Upper
92 100
91 171.5 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 21.229 ug/l
RT: 10.829 min Scan# 115258
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

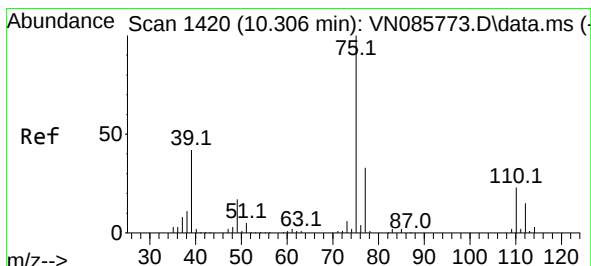
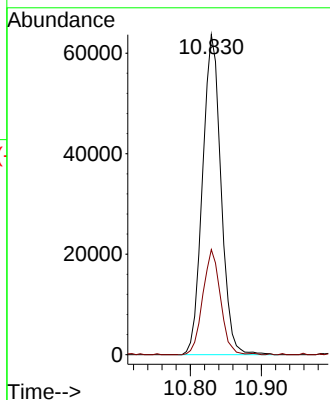
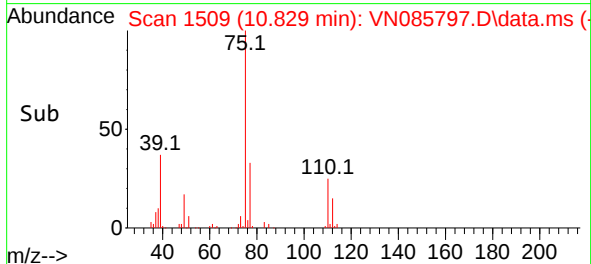
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion: 75 Resp: 115258
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0

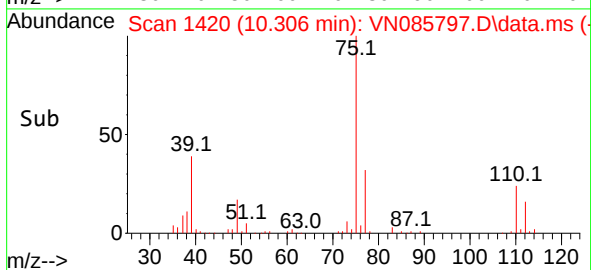
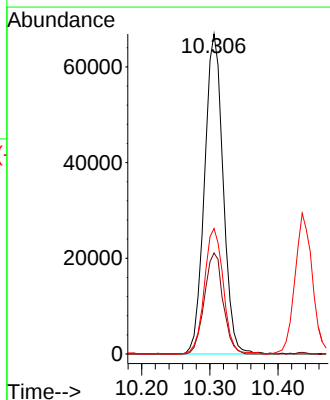
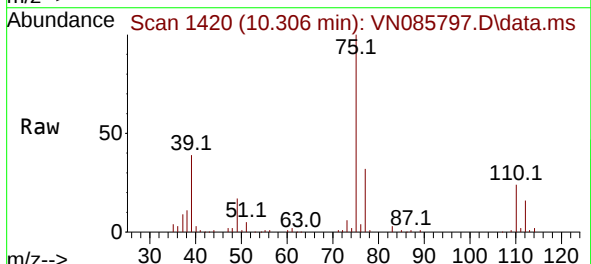
Manual Integrations
APPROVED

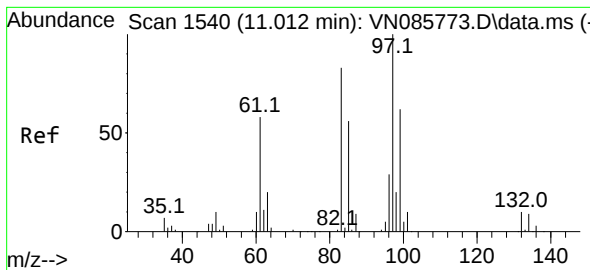
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#54
cis-1,3-Dichloropropene
Concen: 21.320 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

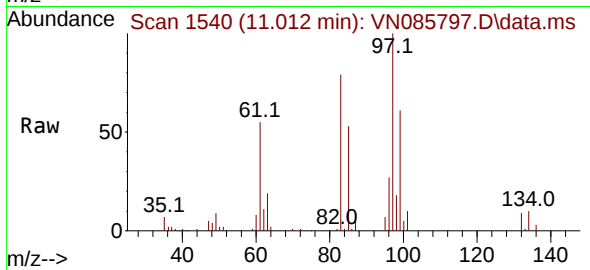
Tgt Ion: 75 Resp: 126931
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
39 39.2 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 20.587 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

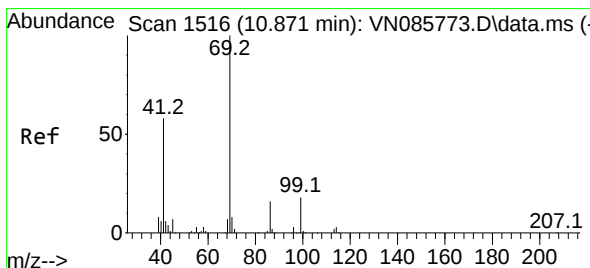
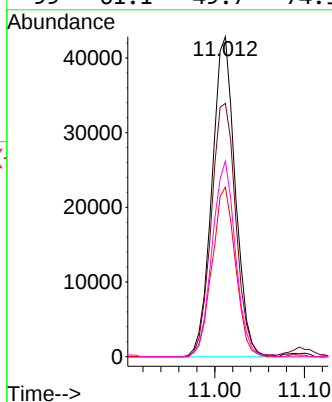
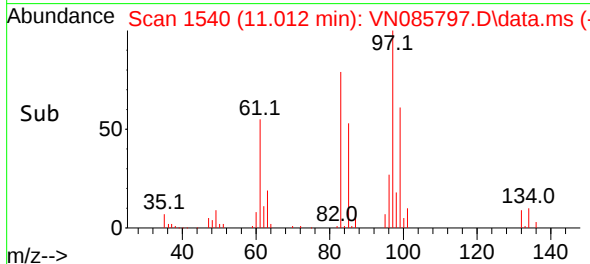
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



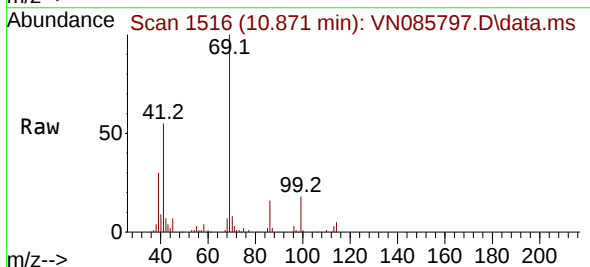
Tgt Ion:	97	Resp:	7733
Ion	Ratio	Lower	Upper
97	100		
83	79.2	66.1	99.1
85	53.0	44.7	67.1
99	61.1	49.7	74.5

Manual Integrations
APPROVED

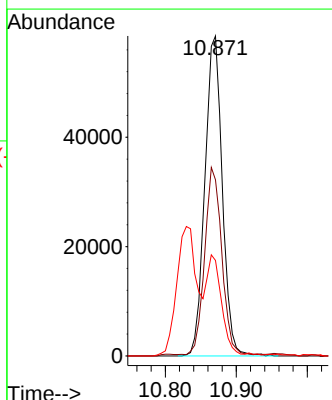
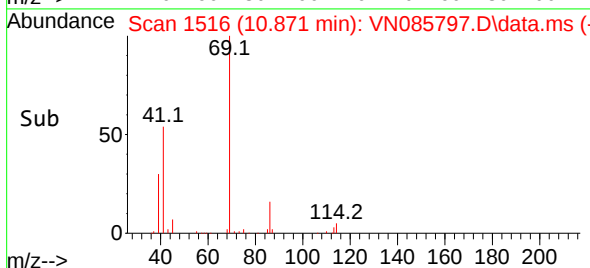
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

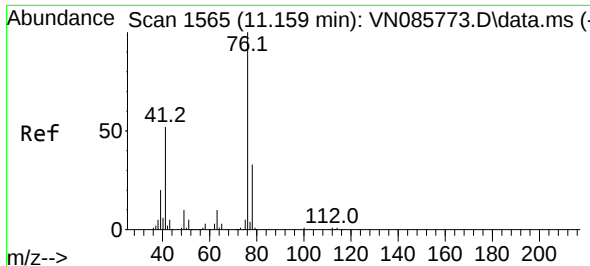


#56
Ethyl methacrylate
Concen: 20.138 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



Tgt Ion:	69	Resp:	99979
Ion	Ratio	Lower	Upper
69	100		
41	57.1	46.0	69.0
39	25.9	22.0	33.0





#57

1,3-Dichloropropane

Concen: 20.372 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085797.D

Acq: 20 Feb 2025 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01

Tgt Ion: 76 Resp: 127754

Ion Ratio Lower Upper

76 100

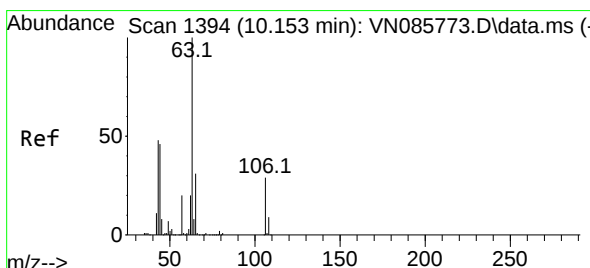
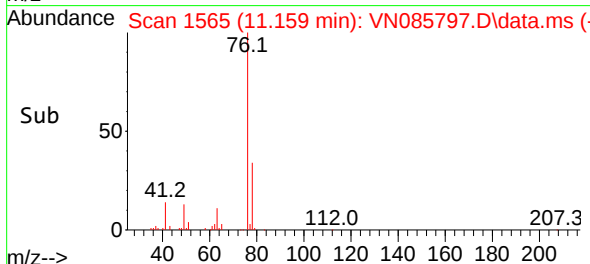
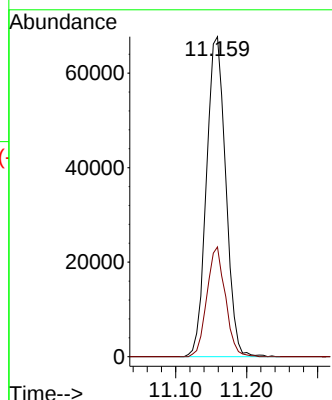
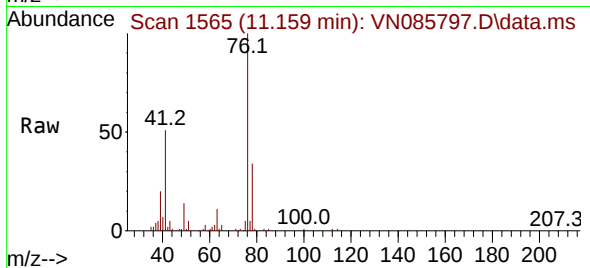
78 32.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 84.034 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VN085797.D

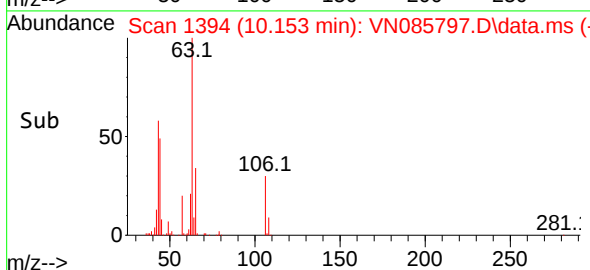
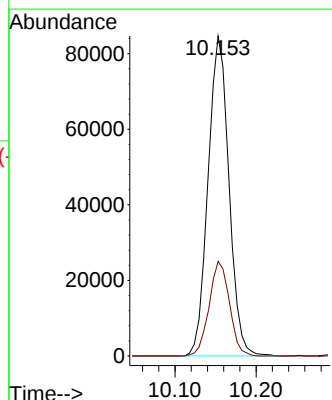
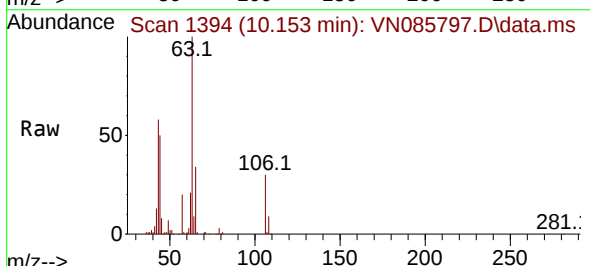
Acq: 20 Feb 2025 13:58

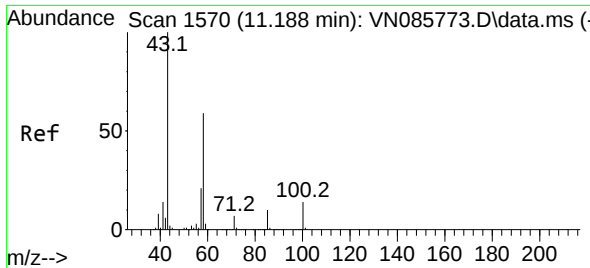
Tgt Ion: 63 Resp: 151178

Ion Ratio Lower Upper

63 100

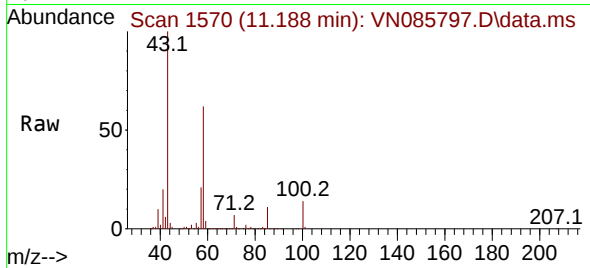
106 28.8 22.7 34.1





#59
2-Hexanone
Concen: 99.351 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

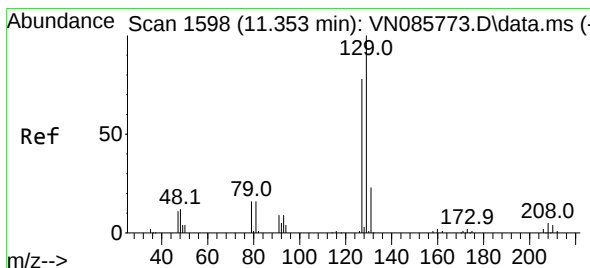
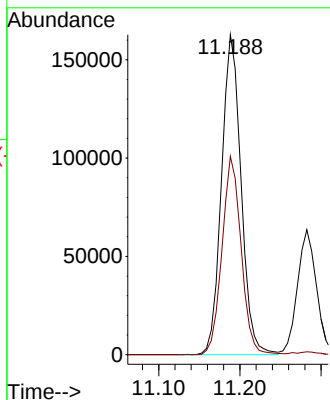
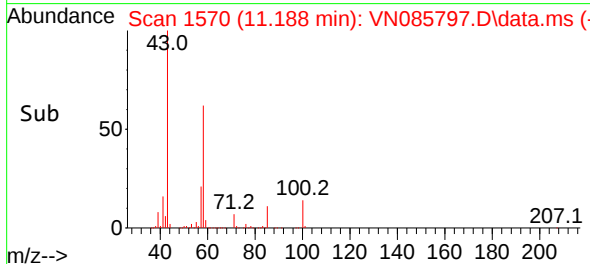
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion: 43 Resp: 272724
Ion Ratio Lower Upper
43 100
58 60.6 29.8 89.5

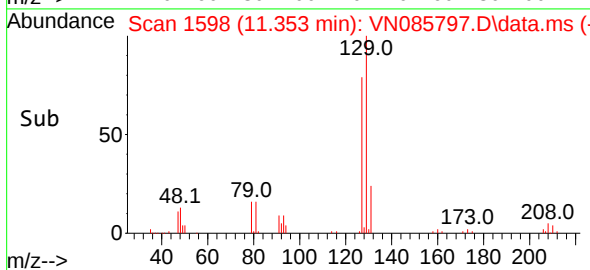
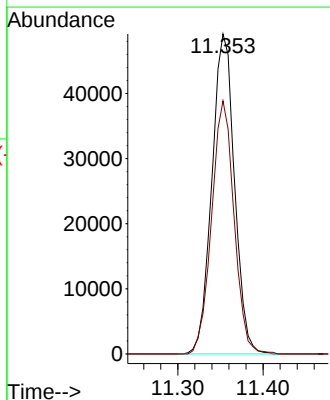
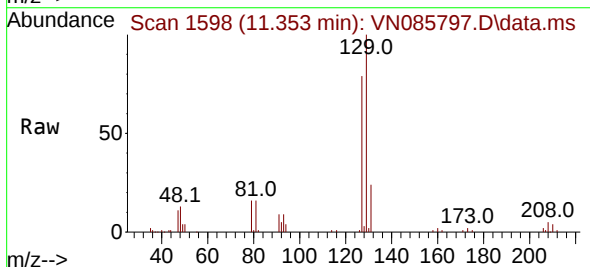
Manual Integrations
APPROVED

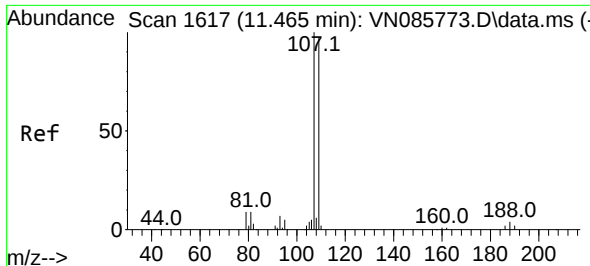
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#60
Dibromochloromethane
Concen: 20.694 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

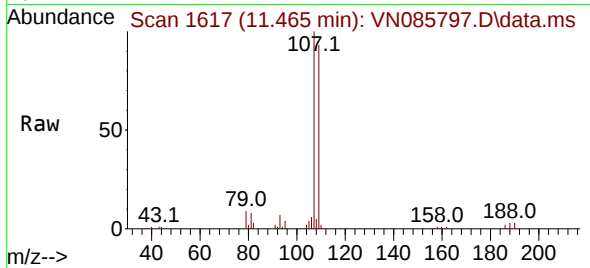
Tgt Ion:129 Resp: 90526
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.5





#61
1,2-Dibromoethane
Concen: 20.739 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

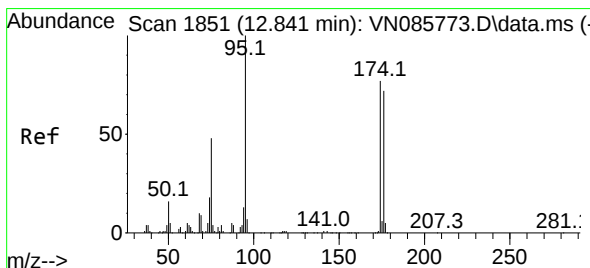
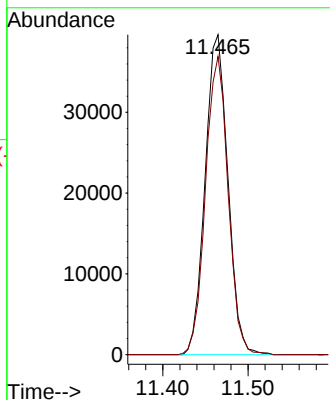
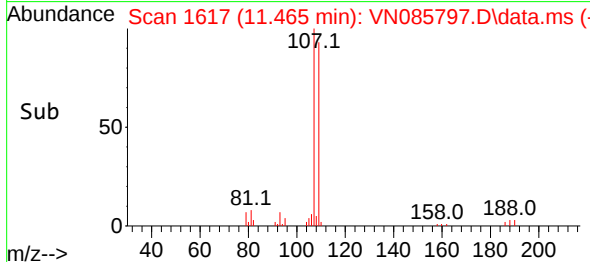
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



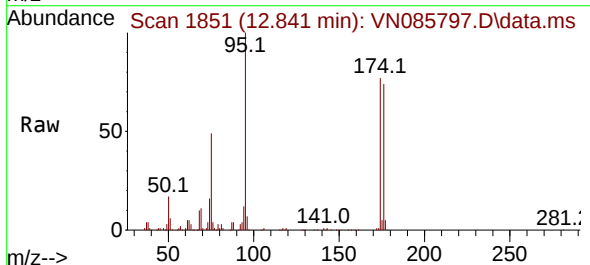
Tgt Ion:107 Resp: 7361
Ion Ratio Lower Upper
107 100
109 92.5 76.0 114.0

Manual Integrations
APPROVED

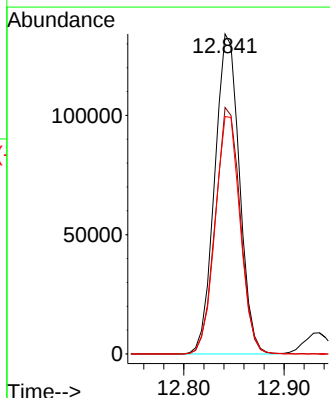
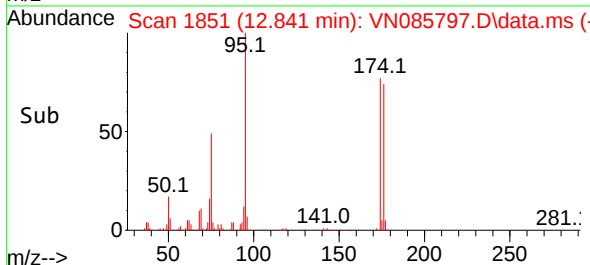
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

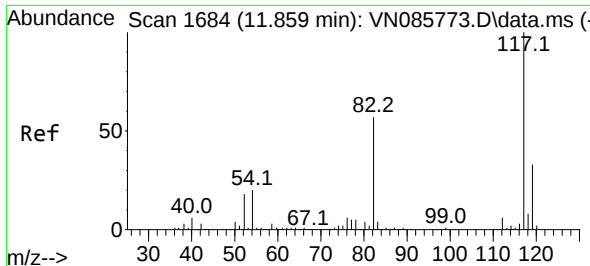


#62
4-Bromofluorobenzene
Concen: 54.022 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



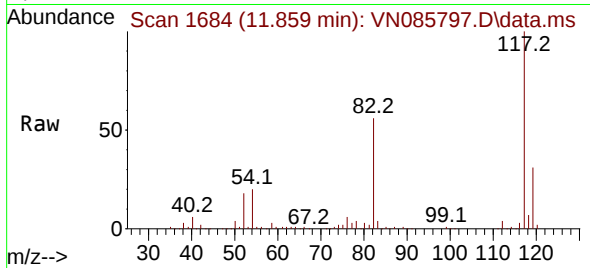
Tgt Ion: 95 Resp: 230118
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.4
176 75.2 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

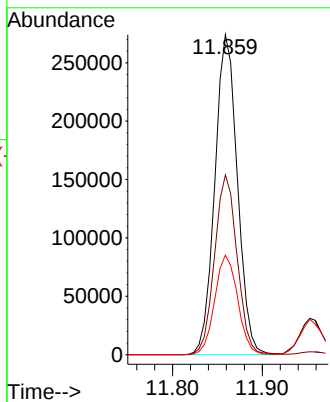
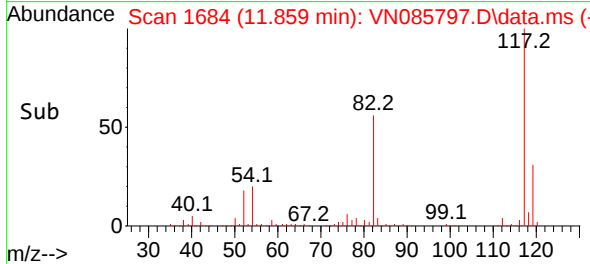
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



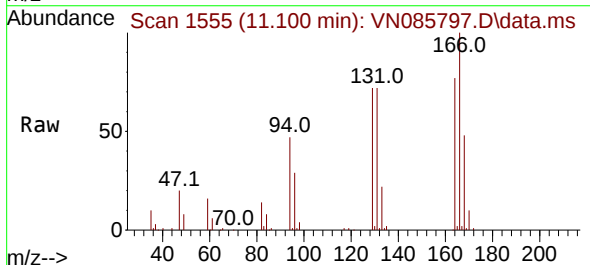
Tgt Ion:117 Resp: 47844
Ion Ratio Lower Upper
117 100
82 56.2 45.7 68.5
119 31.1 26.2 39.2

Manual Integrations
APPROVED

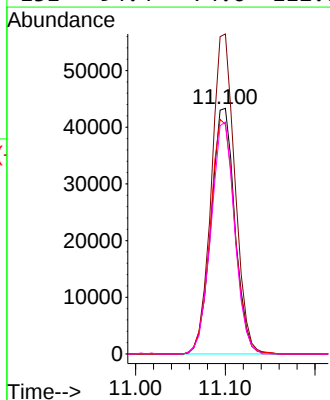
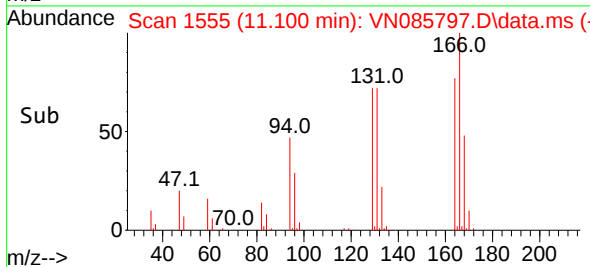
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

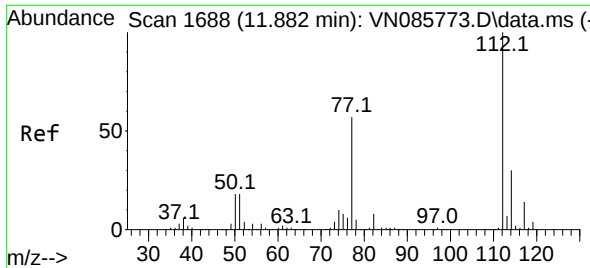


#64
Tetrachloroethene
Concen: 21.522 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



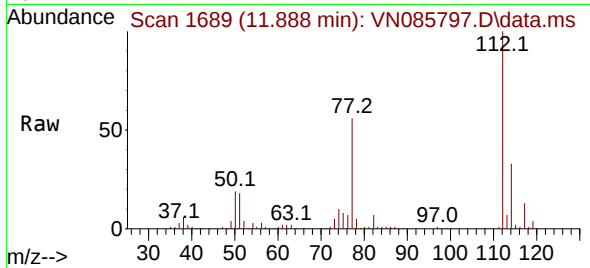
Tgt Ion:164 Resp: 79772
Ion Ratio Lower Upper
164 100
166 130.3 107.2 160.8
129 93.5 80.7 121.1
131 94.4 74.6 112.0





#65
Chlorobenzene
Concen: 20.316 ug/l
RT: 11.888 min Scan# 1188
Delta R.T. 0.006 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

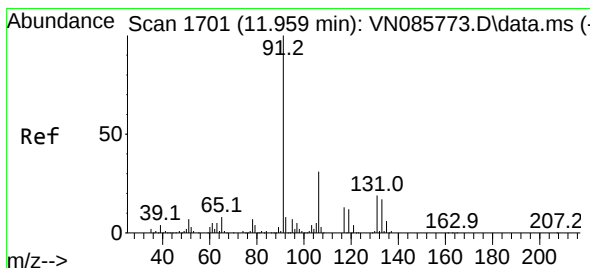
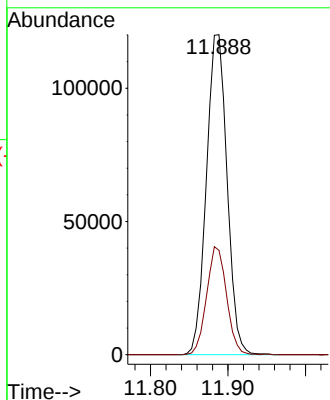
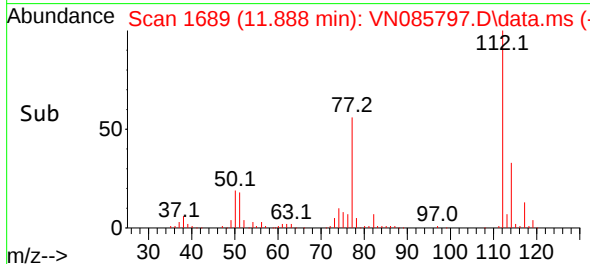
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



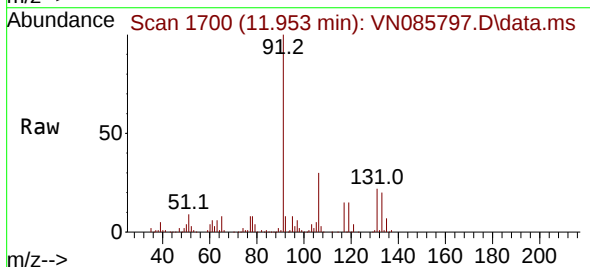
Tgt Ion:112 Resp: 222674
Ion Ratio Lower Upper
112 100
114 32.6 24.3 36.5

Manual Integrations
APPROVED

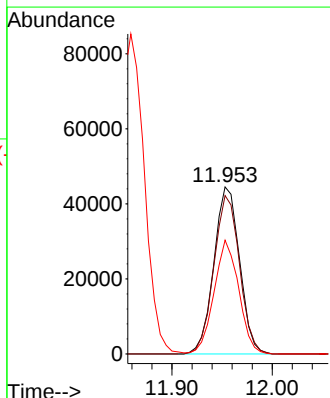
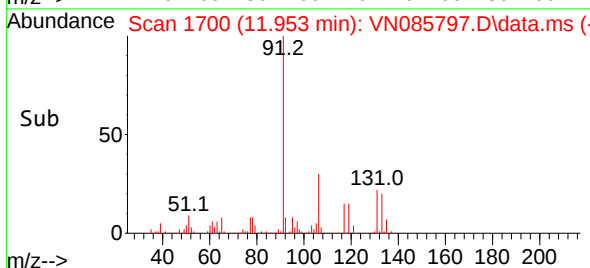
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.128 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



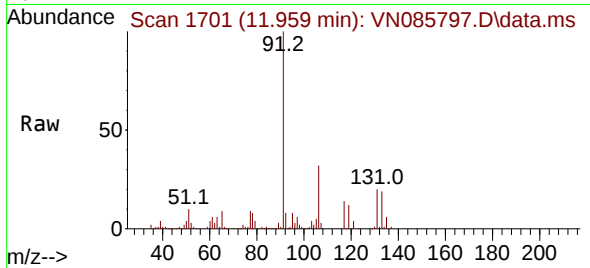
Tgt Ion:131 Resp: 79297
Ion Ratio Lower Upper
131 100
133 94.9 47.7 143.1
119 65.5 33.3 99.8





#67
Ethyl Benzene
Concen: 21.356 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

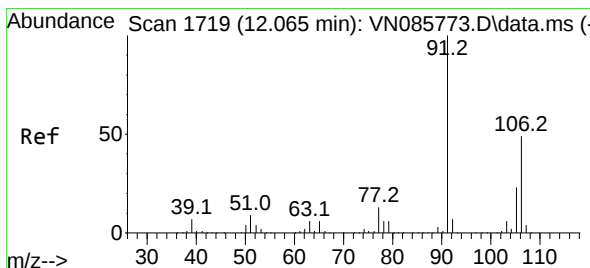
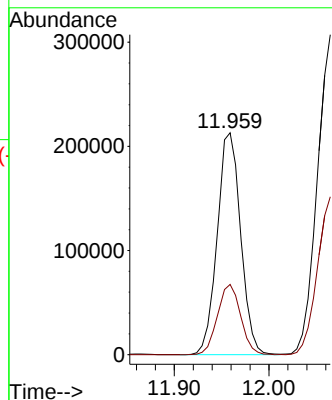
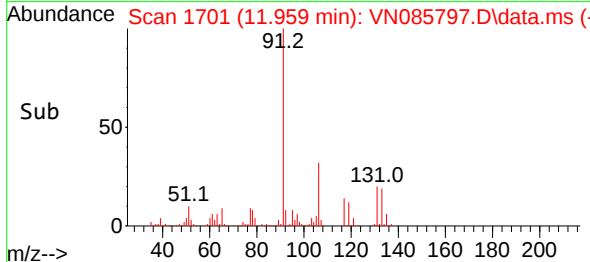
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



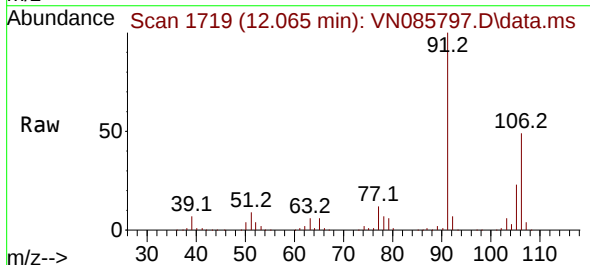
Tgt Ion: 91 Resp: 366663
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1

Manual Integrations
APPROVED

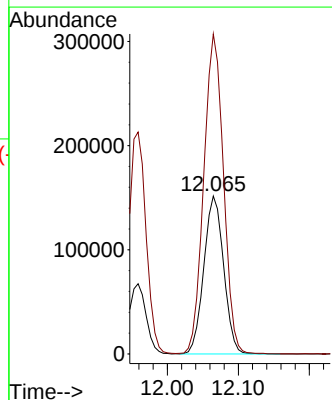
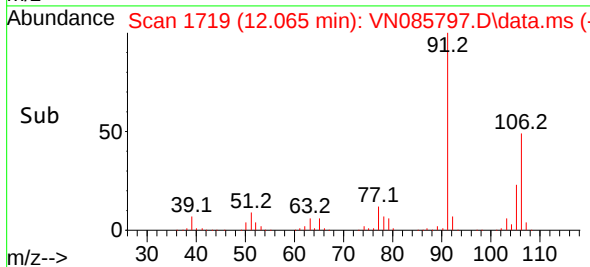
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#68
m/p-Xylenes
Concen: 45.032 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



Tgt Ion:106 Resp: 293680
Ion Ratio Lower Upper
106 100
91 201.9 163.3 244.9





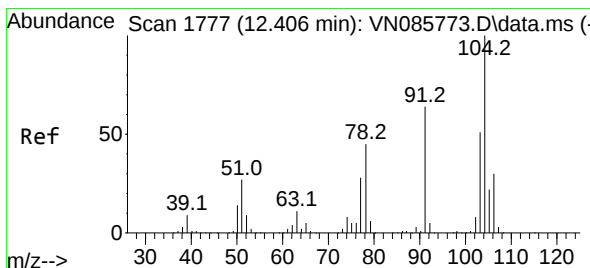
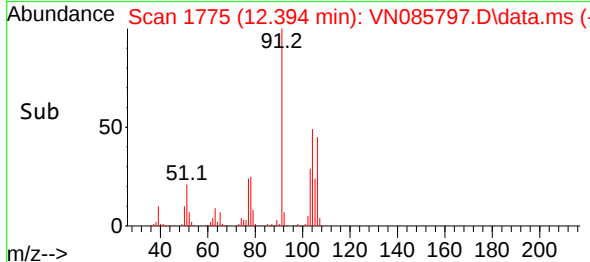
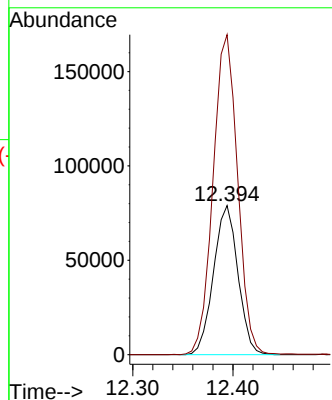
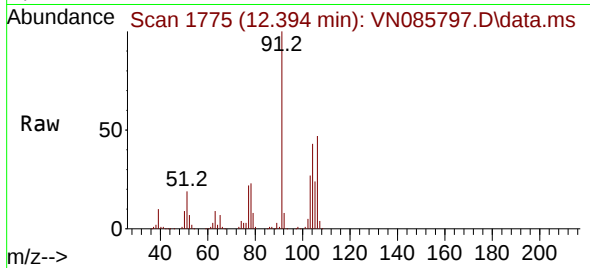
#69
o-Xylene
Concen: 21.563 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01

Tgt Ion:106 Resp: 13363
Ion Ratio Lower Upper
106 100
91 216.5 107.1 321.4

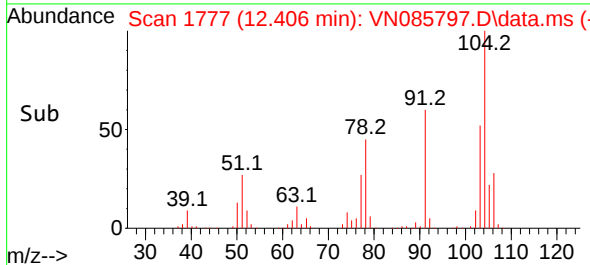
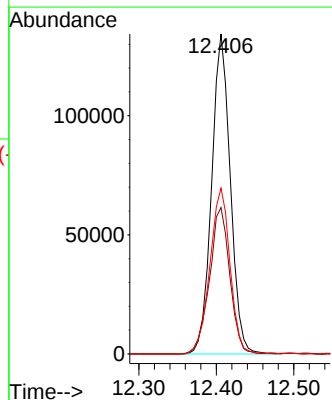
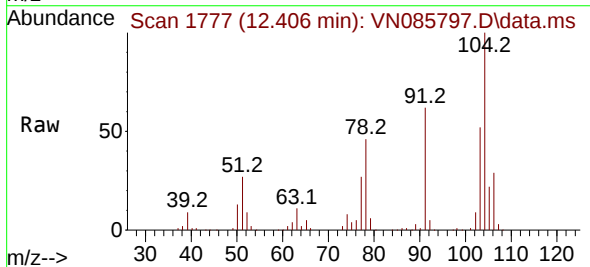
Manual Integrations
APPROVED

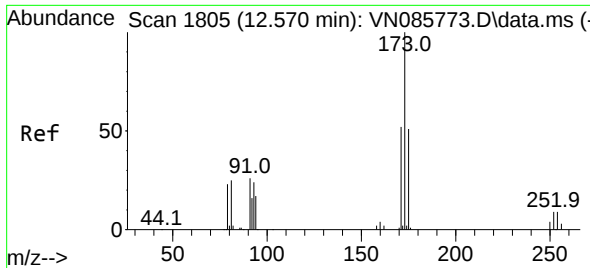
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#70
Styrene
Concen: 21.002 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

Tgt Ion:104 Resp: 225148
Ion Ratio Lower Upper
104 100
78 49.7 39.0 58.6
103 55.6 43.3 64.9





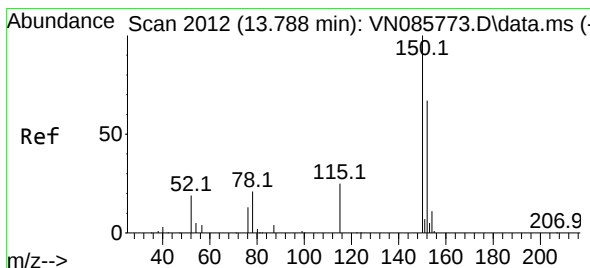
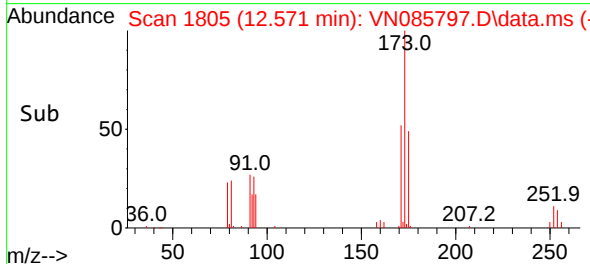
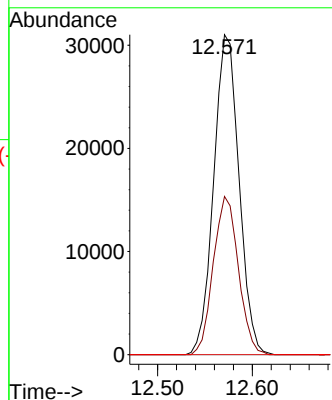
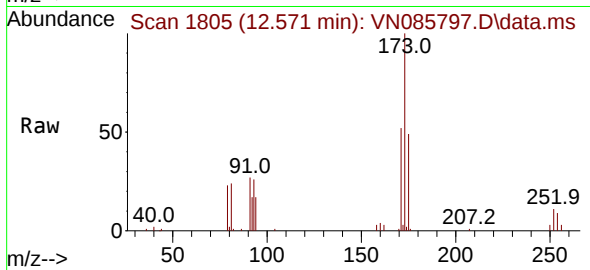
#71
Bromoform
Concen: 19.678 ug/l
RT: 12.571 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01

Tgt Ion:173 Resp: 57604
Ion Ratio Lower Upper
173 100
175 49.0 25.1 75.4
254 0.0 0.0 0.0

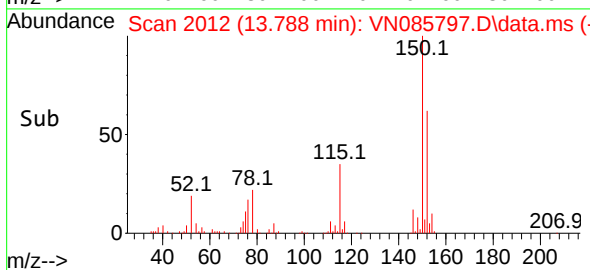
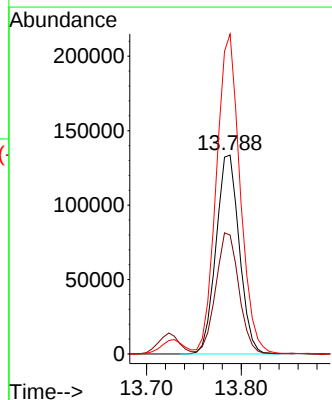
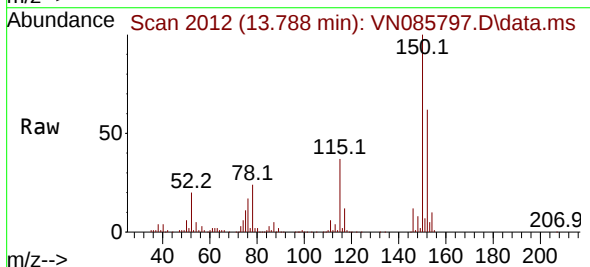
Manual Integrations
APPROVED

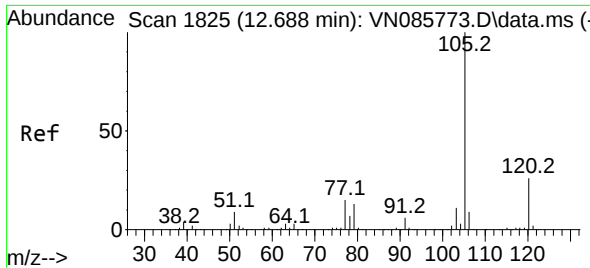
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

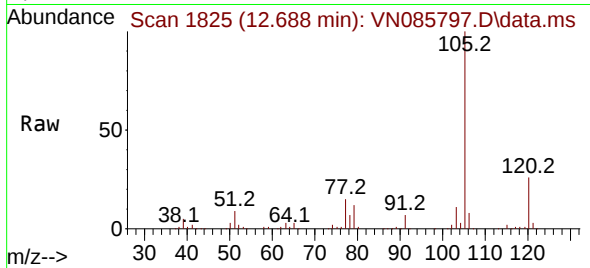
Tgt Ion:152 Resp: 227896
Ion Ratio Lower Upper
152 100
115 61.1 30.4 91.3
150 164.6 0.0 345.4





#73
Isopropylbenzene
Concen: 21.788 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

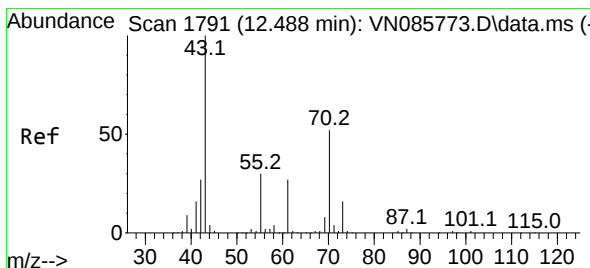
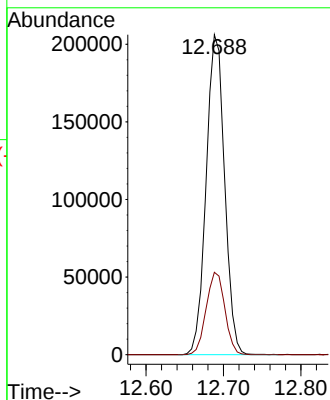
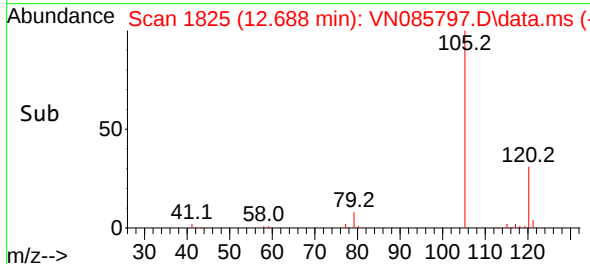
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



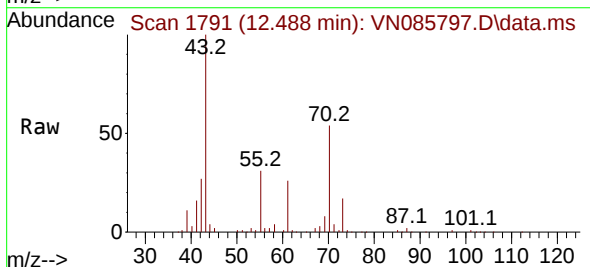
Tgt Ion:105 Resp: 340174
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

Manual Integrations
APPROVED

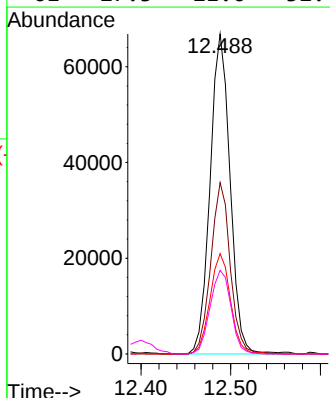
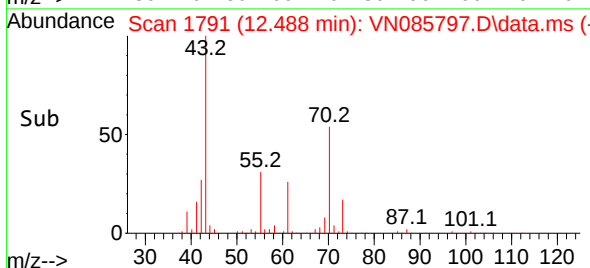
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

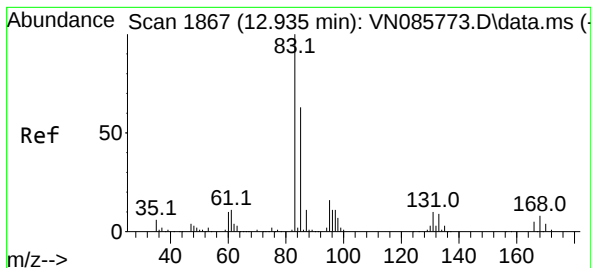


#74
N-ethyl acetate
Concen: 18.775 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



Tgt Ion: 43 Resp: 103373
Ion Ratio Lower Upper
43 100
70 52.1 41.0 61.4
55 32.2 24.6 36.8
61 27.3 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.705 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085797.D

Acq: 20 Feb 2025 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01

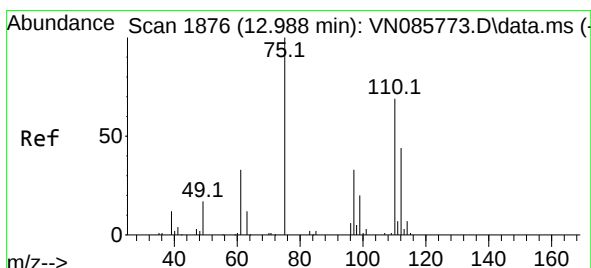
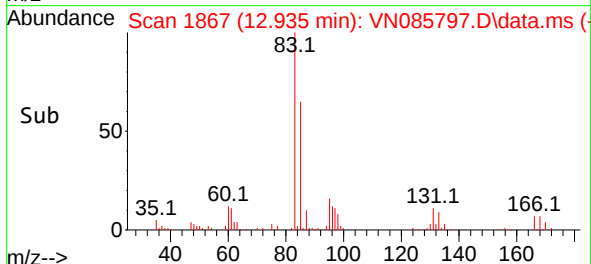
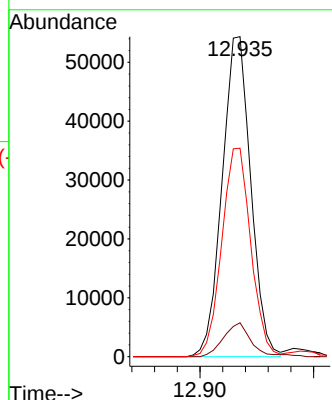
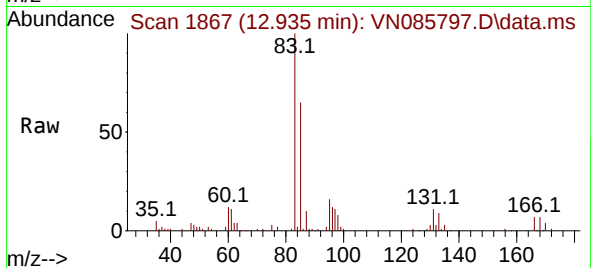
Tgt Ion: 83 Resp: 95124
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 15.0
 85 65.9 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#76

1,2,3-Trichloropropane

Concen: 18.490 ug/l m

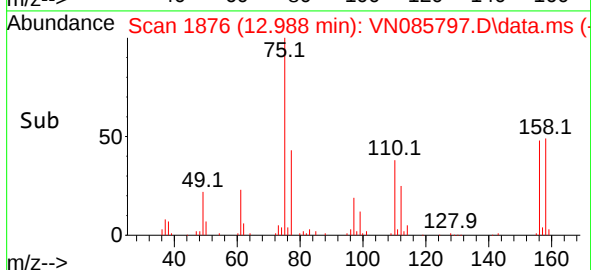
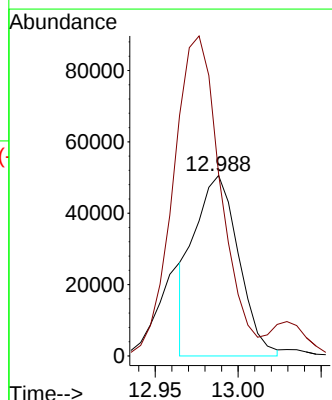
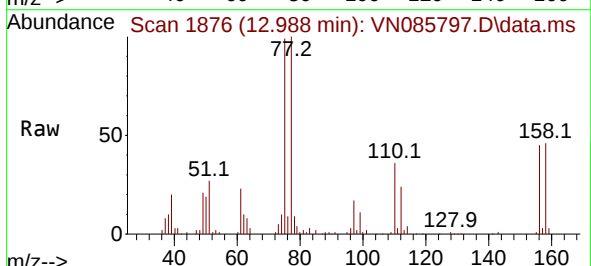
RT: 12.988 min Scan# 1876

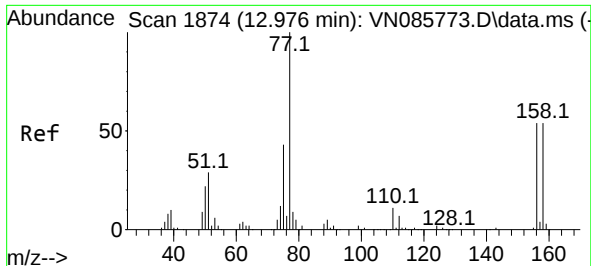
Delta R.T. 0.000 min

Lab File: VN085797.D

Acq: 20 Feb 2025 13:58

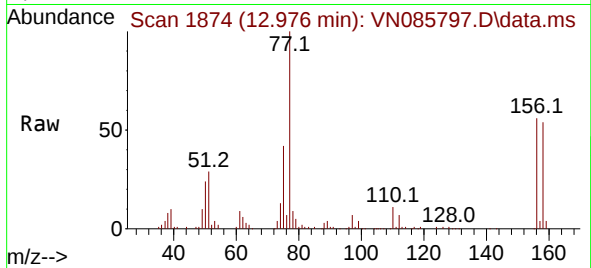
Tgt Ion: 75 Resp: 93603
 Ion Ratio Lower Upper
 75 100
 77 191.6 100.0 300.0





#77
Bromobenzene
Concen: 20.556 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

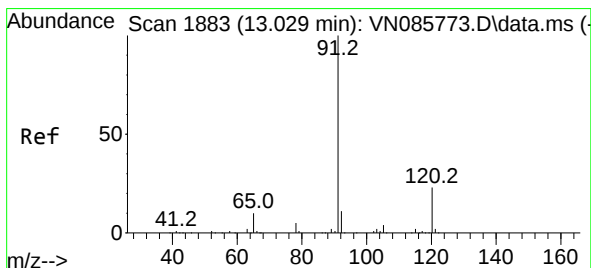
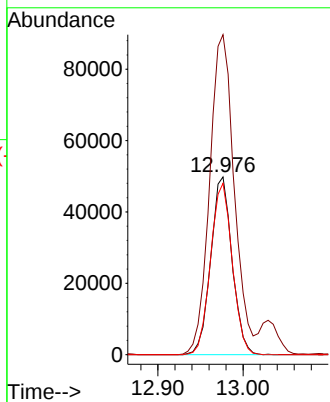
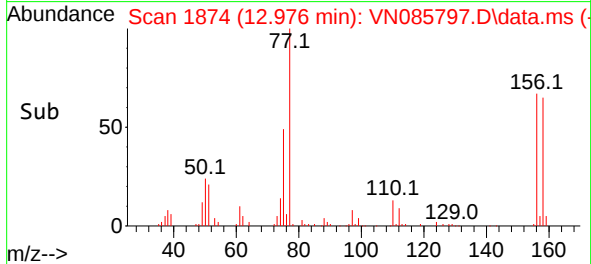
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion:156 Resp: 86709
Ion Ratio Lower Upper
156 100
77 206.9 104.1 312.3
158 97.8 48.1 144.4

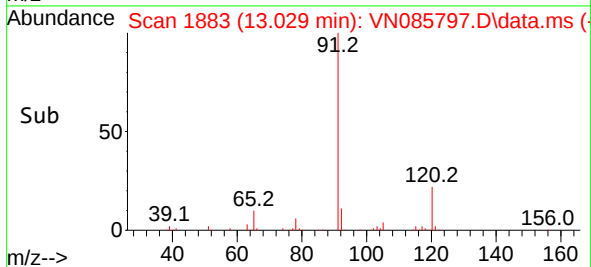
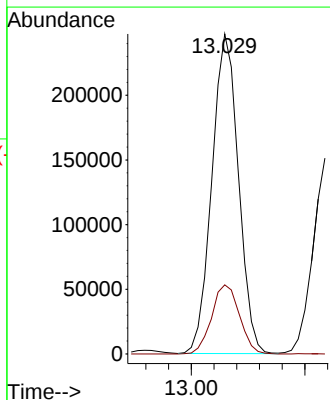
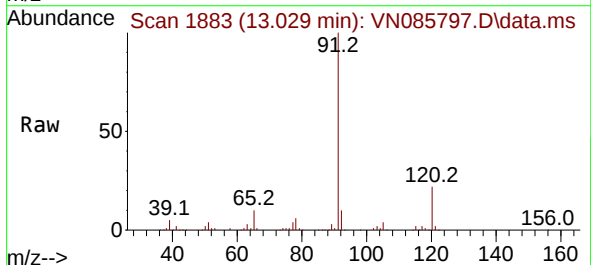
Manual Integrations
APPROVED

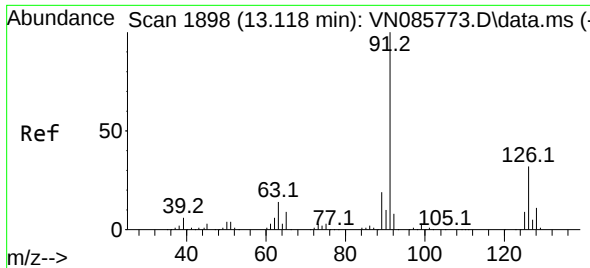
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#78
n-propylbenzene
Concen: 22.442 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

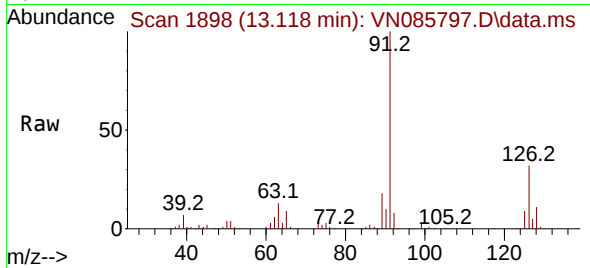
Tgt Ion: 91 Resp: 401278
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8





#79
2-Chlorotoluene
Concen: 21.652 ug/l
RT: 13.118 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

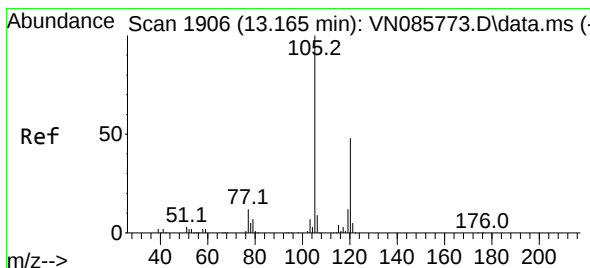
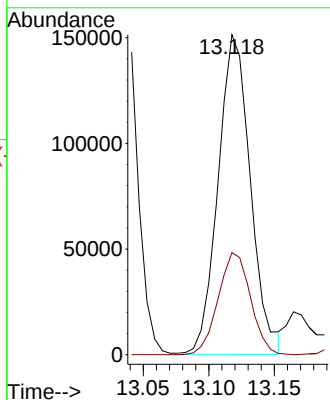
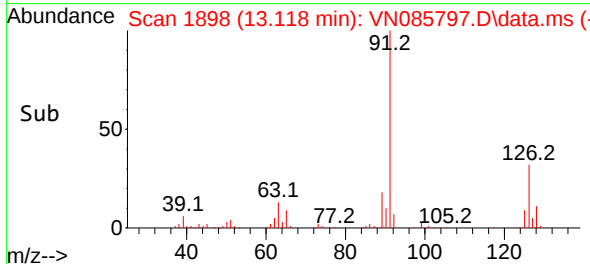
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



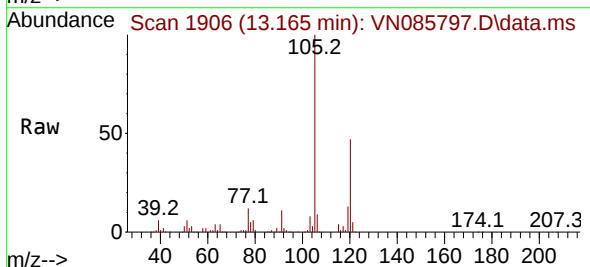
Tgt Ion: 91 Resp: 258679
Ion Ratio Lower Upper
91 100
126 32.0 16.4 49.1

Manual Integrations
APPROVED

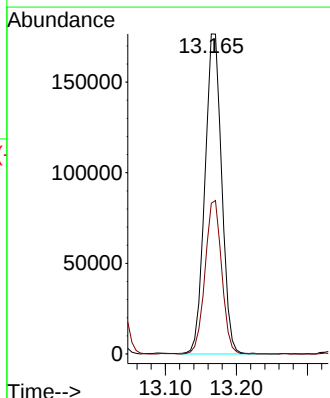
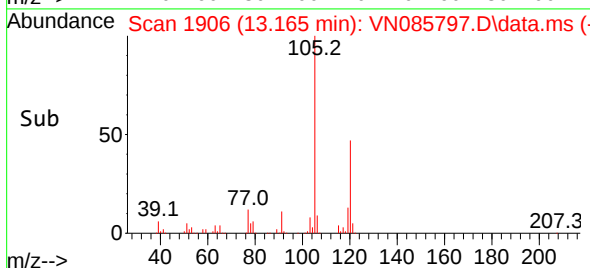
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 22.843 ug/l
RT: 13.165 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



Tgt Ion:105 Resp: 290522
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.9





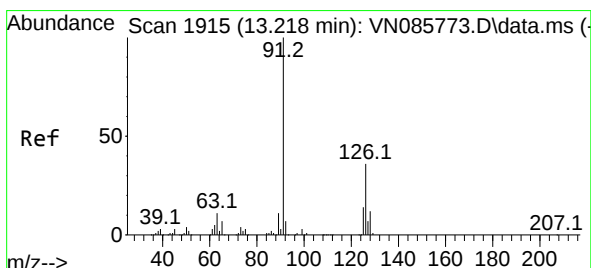
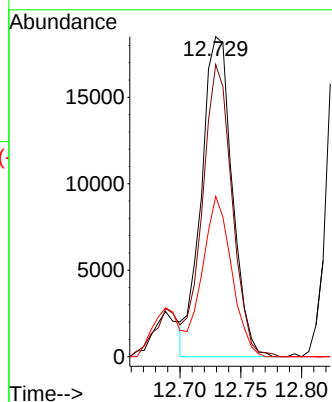
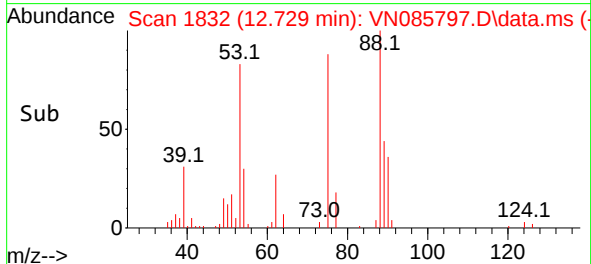
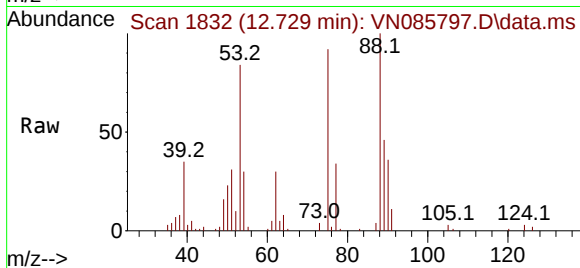
#81
trans-1,4-Dichloro-2-butene
Concen: 18.772 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01

Tgt Ion: 75 Resp: 32570
Ion Ratio Lower Upper
75 100
53 88.0 74.2 111.4
89 46.6 34.9 52.3

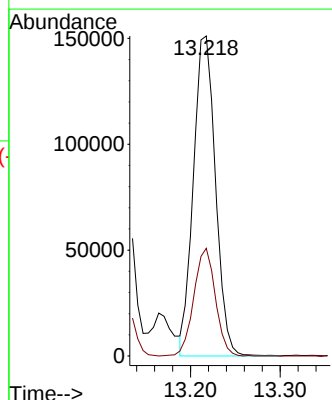
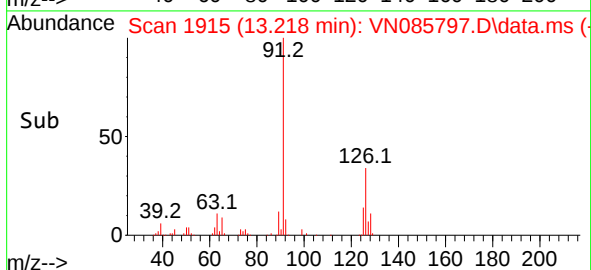
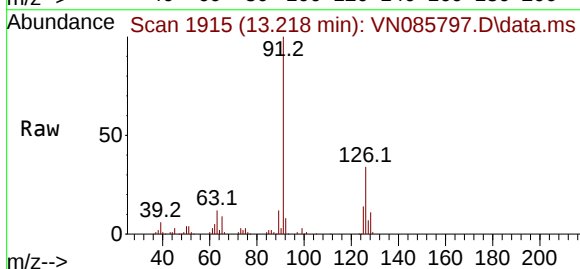
Manual Integrations
APPROVED

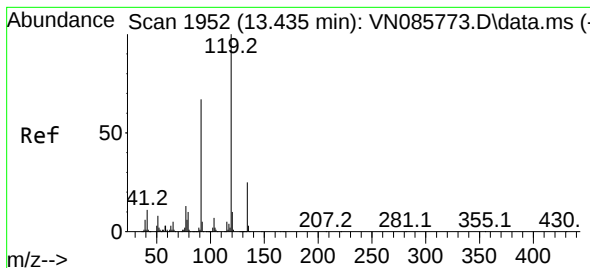
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#82
4-Chlorotoluene
Concen: 21.812 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

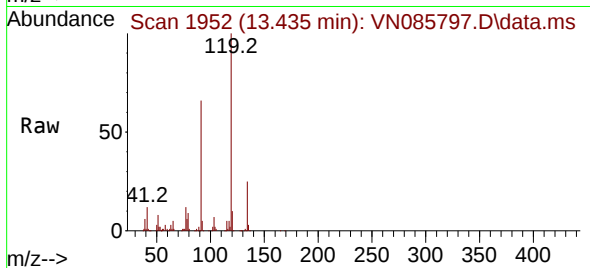
Tgt Ion: 91 Resp: 258338
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 22.482 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085797.D
 Acq: 20 Feb 2025 13:58

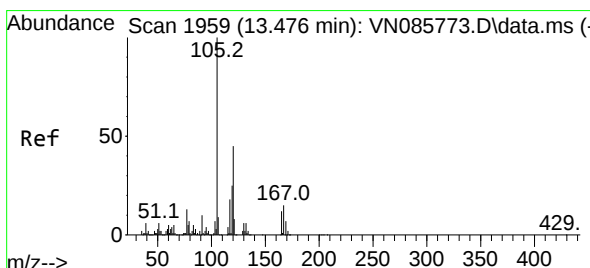
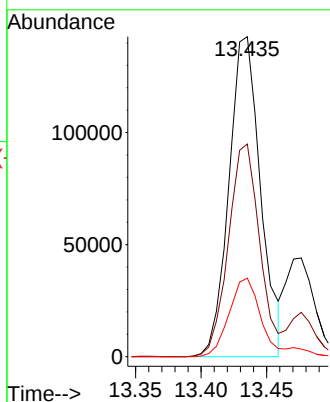
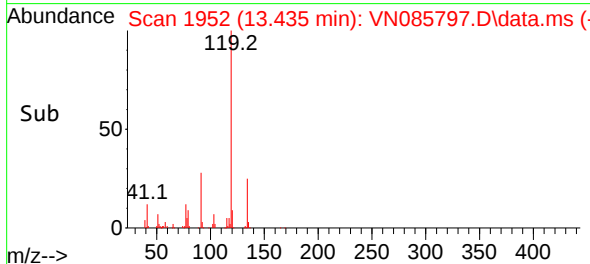
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBS01



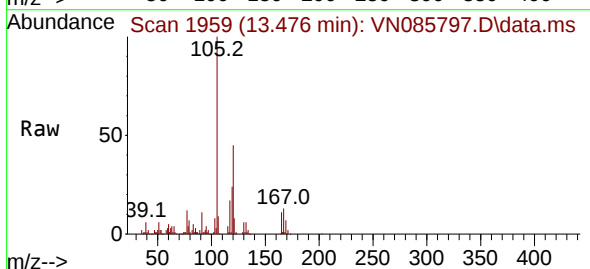
Tgt Ion:119 Resp: 240440
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.5 97.5
 134 26.1 13.3 39.9

Manual Integrations
 APPROVED

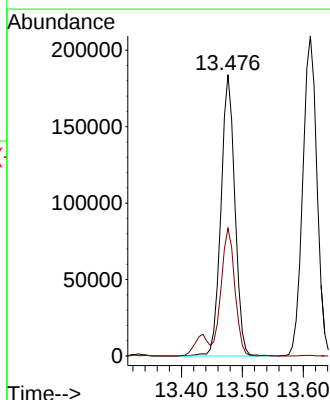
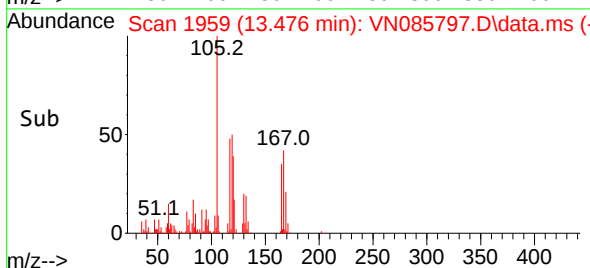
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025

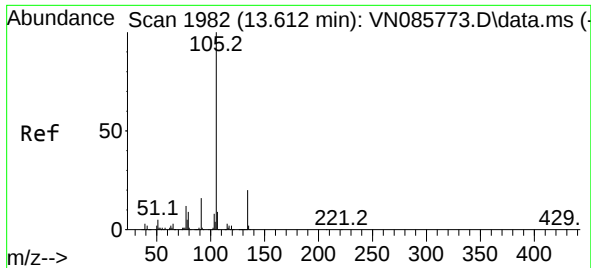


#84
 1,2,4-Trimethylbenzene
 Concen: 23.194 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN085797.D
 Acq: 20 Feb 2025 13:58



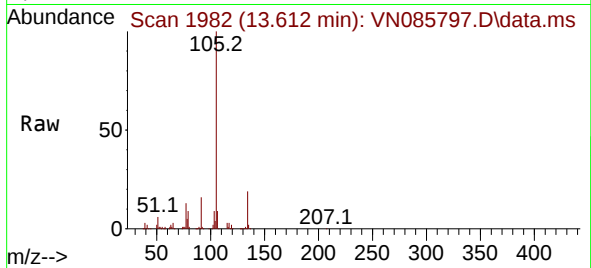
Tgt Ion:105 Resp: 291853
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 22.400 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085797.D
 Acq: 20 Feb 2025 13:58

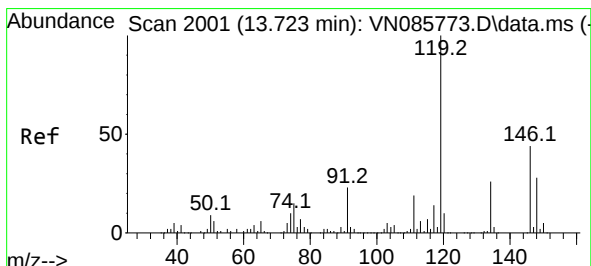
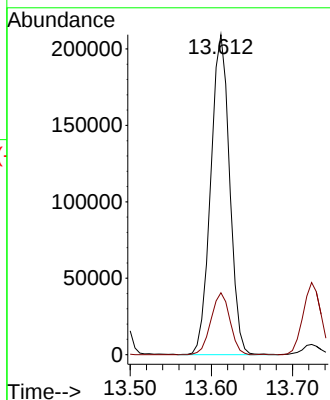
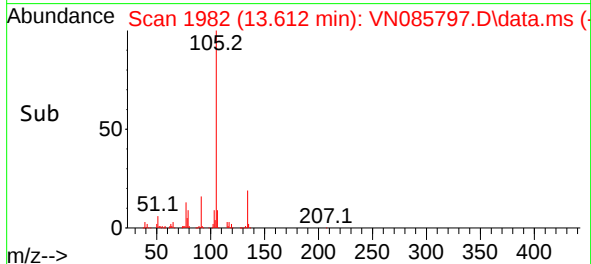
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBS01



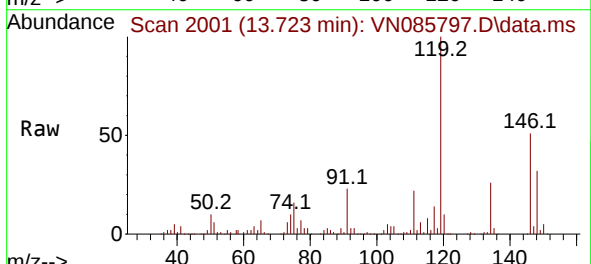
Tgt Ion:105 Resp: 33849
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
 APPROVED

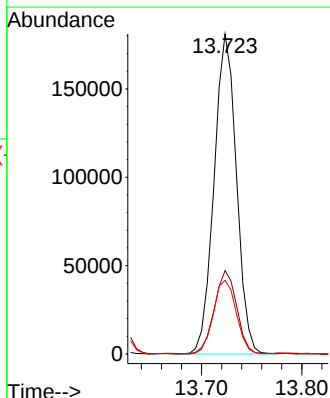
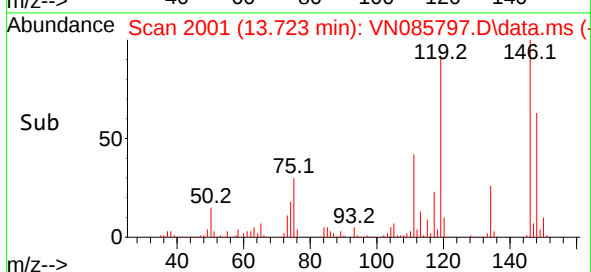
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025



#86
 p-Isopropyltoluene
 Concen: 21.527 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085797.D
 Acq: 20 Feb 2025 13:58



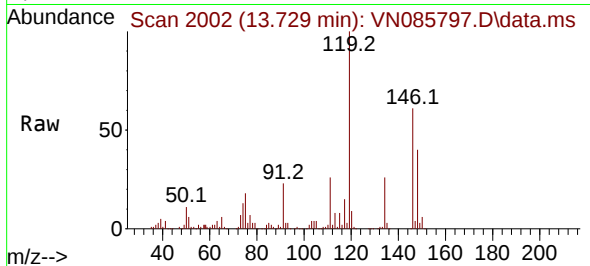
Tgt Ion:119 Resp: 279833
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 23.4 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 20.522 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

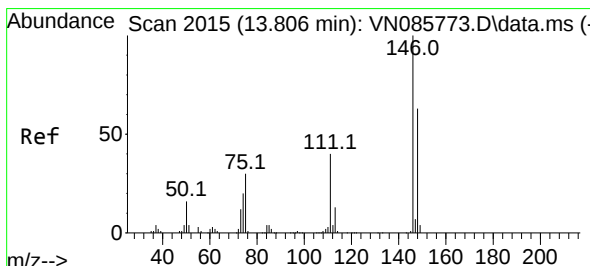
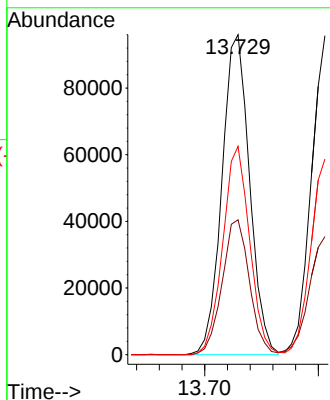
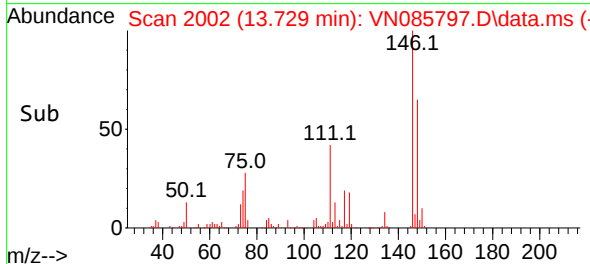
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



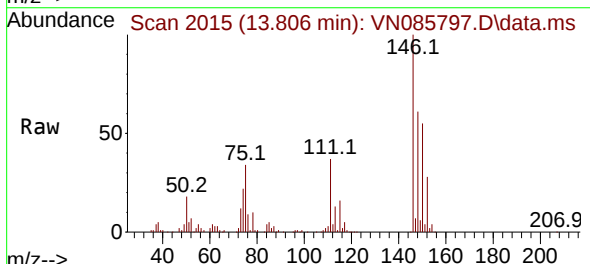
Tgt Ion:146 Resp: 162184
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.3
148 63.4 32.1 96.5

Manual Integrations
APPROVED

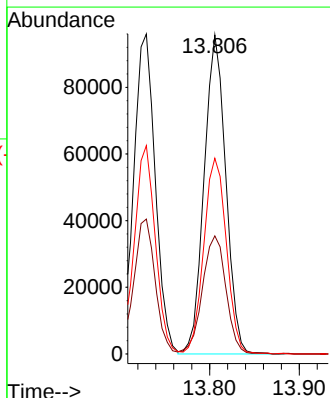
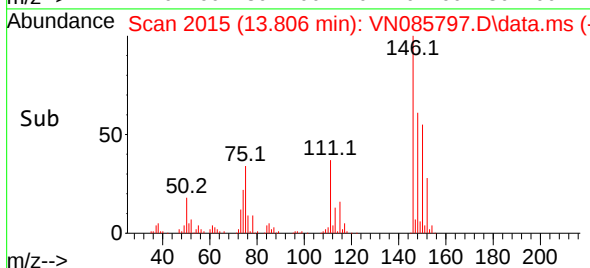
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

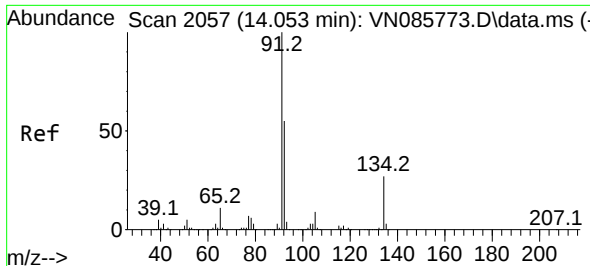


#88
1,4-Dichlorobenzene
Concen: 19.837 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



Tgt Ion:146 Resp: 160682
Ion Ratio Lower Upper
146 100
111 40.3 20.4 61.3
148 64.0 31.8 95.4





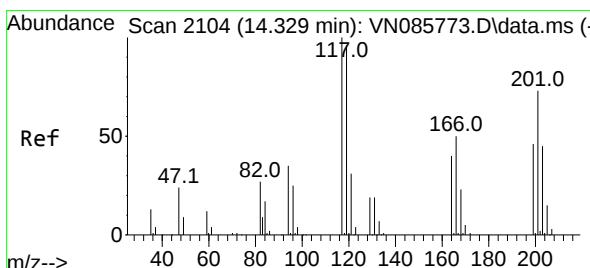
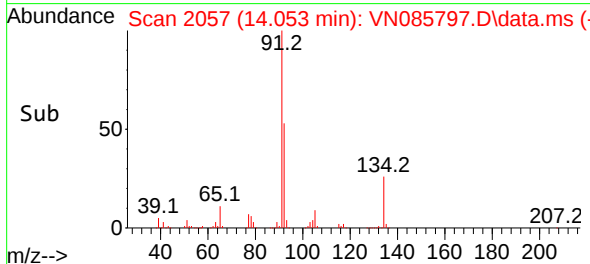
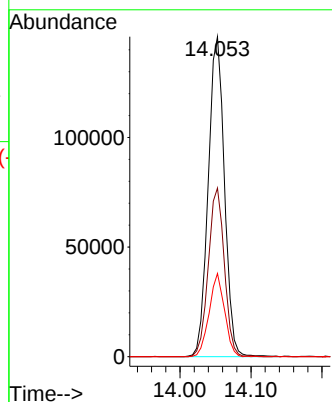
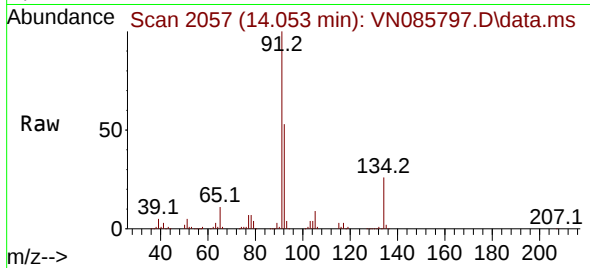
#89
n-Butylbenzene
Concen: 21.610 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01

Tgt Ion: 91 Resp: 23184
Ion Ratio Lower Upper
91 100
92 52.0 27.1 81.3
134 24.8 12.7 38.1

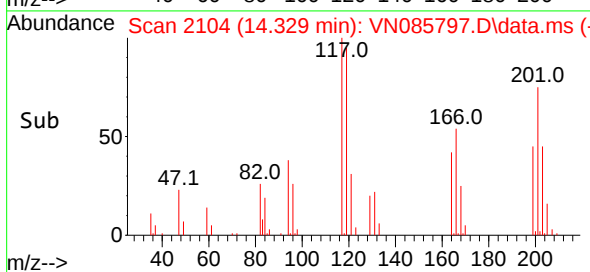
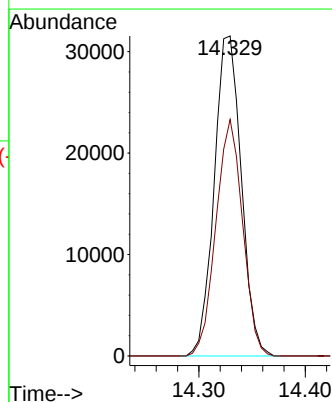
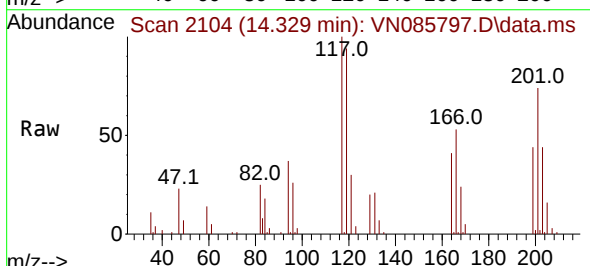
Manual Integrations
APPROVED

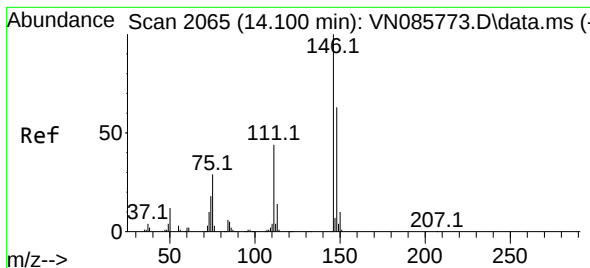
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#90
Hexachloroethane
Concen: 19.456 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

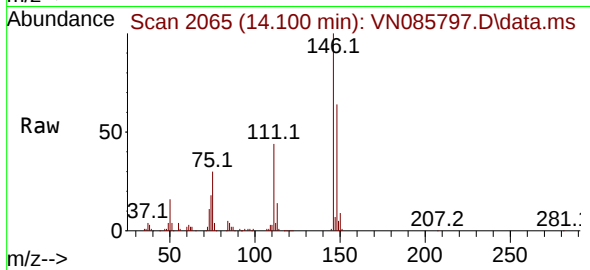
Tgt Ion:117 Resp: 55679
Ion Ratio Lower Upper
117 100
201 72.8 35.6 106.9





#91
1,2-Dichlorobenzene
Concen: 20.084 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

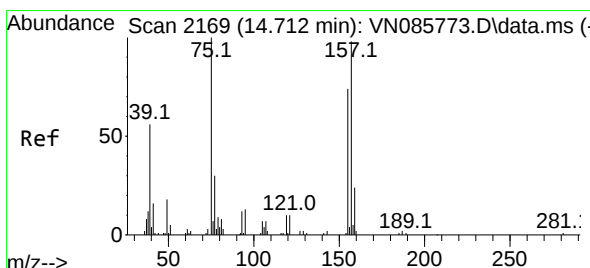
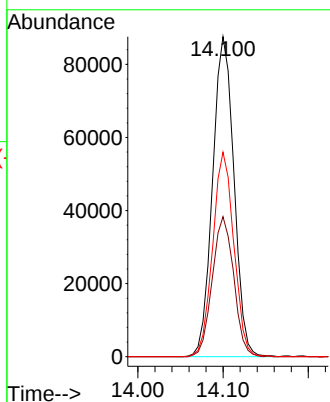
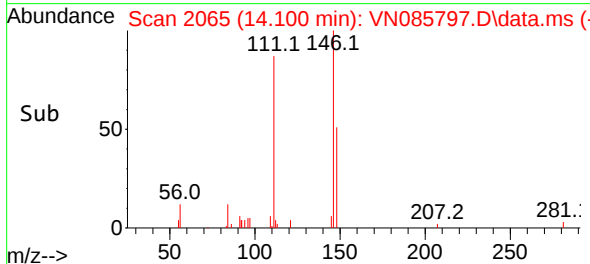
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



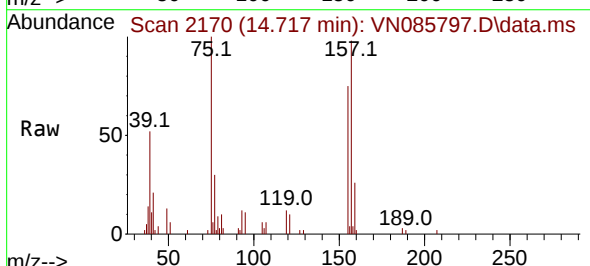
Tgt Ion:146 Resp: 15263
Ion Ratio Lower Upper
146 100
111 43.9 21.4 64.3
148 63.3 32.0 96.2

Manual Integrations
APPROVED

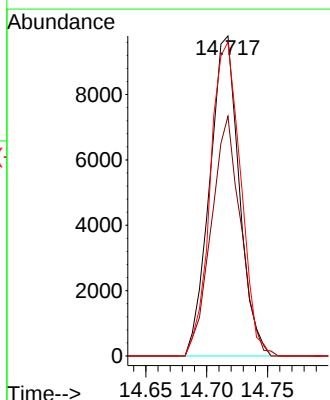
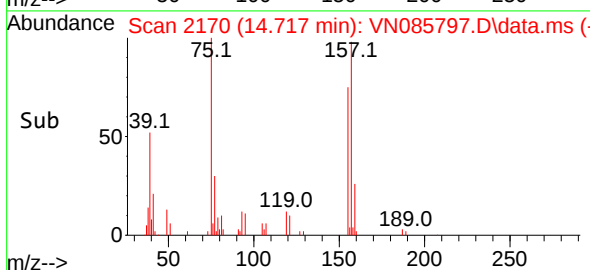
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.736 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58



Tgt Ion: 75 Resp: 16511
Ion Ratio Lower Upper
75 100
155 74.7 39.9 119.6
157 100.4 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 20.392 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085797.D

Acq: 20 Feb 2025 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBS01

Tgt Ion:180 Resp: 7384

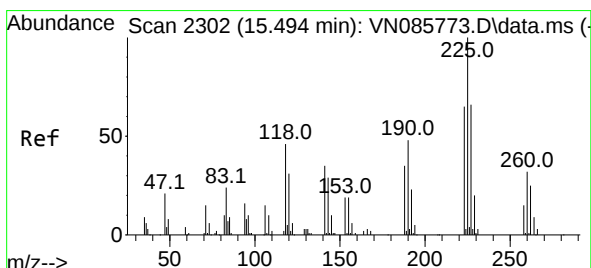
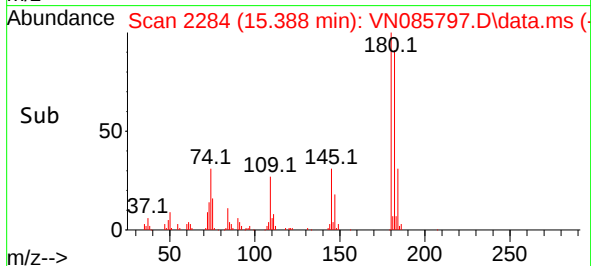
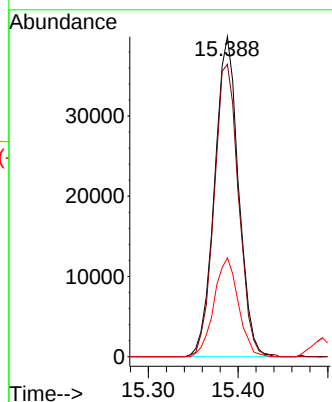
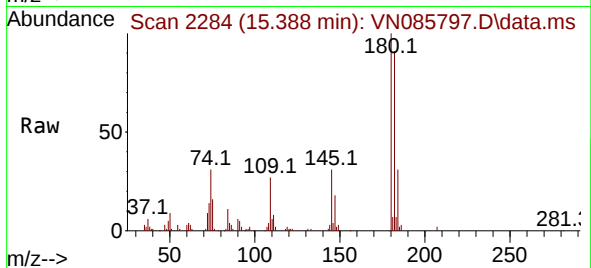
Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.3	141.9
145	31.4	16.2	48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#94

Hexachlorobutadiene

Concen: 18.051 ug/l

RT: 15.494 min Scan# 2302

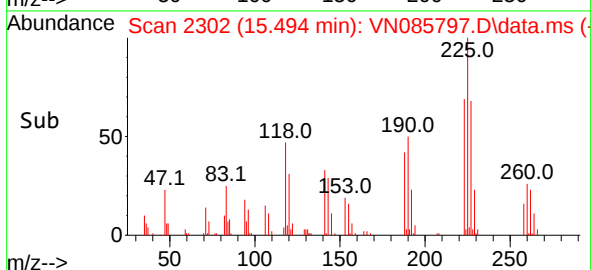
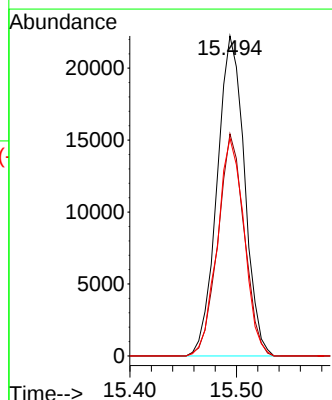
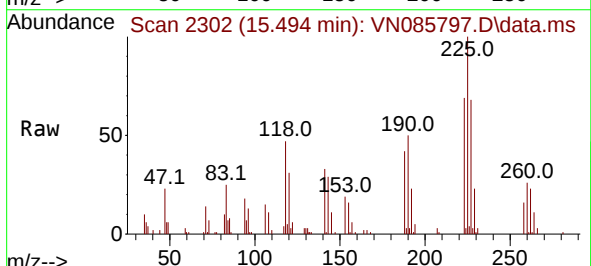
Delta R.T. 0.000 min

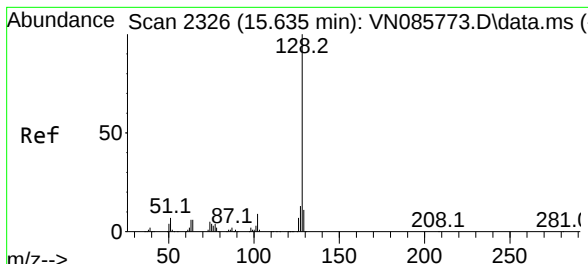
Lab File: VN085797.D

Acq: 20 Feb 2025 13:58

Tgt Ion:225 Resp: 39727

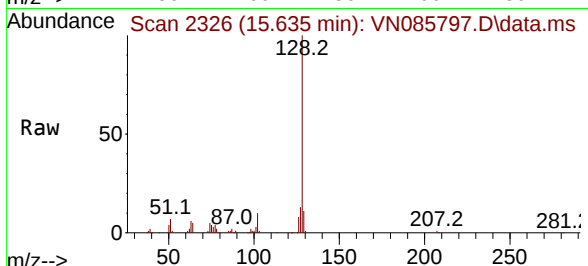
Ion	Ratio	Lower	Upper
225	100		
223	66.9	31.9	95.5
227	66.5	32.2	96.6





#95
Naphthalene
Concen: 18.079 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

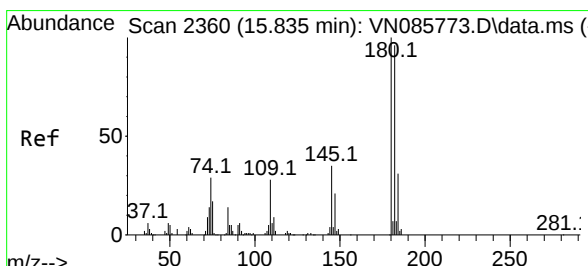
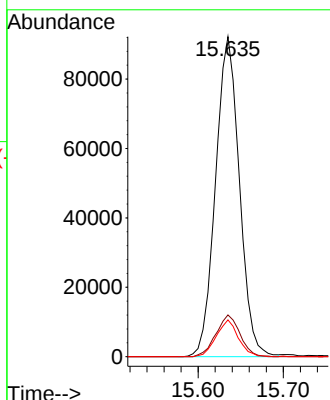
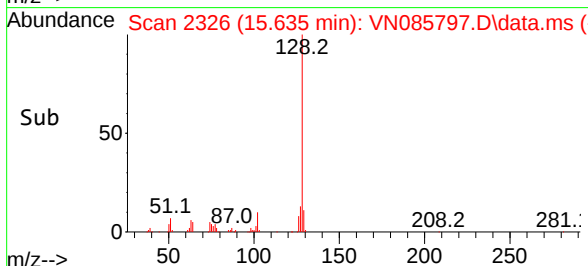
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBS01



Tgt Ion:128 Resp: 179740
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.298 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085797.D
Acq: 20 Feb 2025 13:58

Tgt Ion:180 Resp: 70157
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 34.4 16.9 50.6

