

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021925\
 Data File : VN085786.D
 Acq On : 19 Feb 2025 13:22
 Operator : JC\MD
 Sample : VN0219WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2025
 Supervised By : Mahesh Dadoda 02/20/2025

Quant Time: Feb 20 00:47:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	291949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	482343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	419097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	199880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	209994	55.480	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.960%			
35) Dibromofluoromethane	8.159	113	172581	54.680	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.360%			
50) Toluene-d8	10.559	98	633017	55.125	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.260%			
62) 4-Bromofluorobenzene	12.847	95	214234	56.623	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	68335	17.208	ug/l	99
3) Chloromethane	2.359	50	65887	16.535	ug/l	97
4) Vinyl Chloride	2.518	62	70955	16.817	ug/l	95
5) Bromomethane	2.965	94	46166	17.113	ug/l	92
6) Chloroethane	3.124	64	45233	16.186	ug/l	98
7) Trichlorofluoromethane	3.506	101	102093	16.713	ug/l	98
8) Diethyl Ether	3.959	74	36195	18.313	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	60484	17.129	ug/l	99
10) Methyl Iodide	4.589	142	76448	17.564	ug/l	99
11) Tert butyl alcohol	5.512	59	41697	89.569	ug/l	99
12) 1,1-Dichloroethene	4.342	96	54998	17.178	ug/l	97
13) Acrolein	4.177	56	65423	94.768	ug/l	99
14) Allyl chloride	5.024	41	72622	17.277	ug/l	97
15) Acrylonitrile	5.712	53	136306	90.066	ug/l	99
16) Acetone	4.418	43	108199	90.343	ug/l	98
17) Carbon Disulfide	4.712	76	151093	15.924	ug/l	99
18) Methyl Acetate	5.018	43	74381	18.057	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	182911	19.226	ug/l	100
20) Methylene Chloride	5.271	84	66321	17.220	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	58286	16.907	ug/l	95
22) Diisopropyl ether	6.665	45	182697	19.235	ug/l	99
23) Vinyl Acetate	6.600	43	582508m	89.569	ug/l	
24) 1,1-Dichloroethane	6.565	63	111812	17.317	ug/l	100
25) 2-Butanone	7.477	43	161082	91.422	ug/l	97
26) 2,2-Dichloropropane	7.483	77	98544	17.164	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	70342	17.598	ug/l	99
28) Bromochloromethane	7.812	49	49350	18.596	ug/l	99
29) Tetrahydrofuran	7.835	42	107184	94.205	ug/l	100
30) Chloroform	7.959	83	117979	17.485	ug/l	96
31) Cyclohexane	8.253	56	88578	16.385	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	103361	17.222	ug/l	97
36) 1,1-Dichloropropene	8.365	75	77917	17.443	ug/l	99
37) Ethyl Acetate	7.553	43	69804	18.989	ug/l	97
38) Carbon Tetrachloride	8.359	117	90380	17.028	ug/l	94
39) Methylcyclohexane	9.594	83	75943	17.306	ug/l	95
40) Benzene	8.600	78	254524	17.778	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	38602	19.644	ug/l	99
42) 1,2-Dichloroethane	8.665	62	85033	18.234	ug/l	99
43) Isopropyl Acetate	8.682	43	119146	18.120	ug/l	100
44) Trichloroethene	9.347	130	58797	16.727	ug/l	98
45) 1,2-Dichloropropane	9.618	63	62628	18.123	ug/l	99
46) Dibromomethane	9.706	93	44217	18.140	ug/l	99
47) Bromodichloromethane	9.882	83	93945	18.014	ug/l	99
48) Methyl methacrylate	9.677	41	51605	18.903	ug/l	99
49) 1,4-Dioxane	9.688	88	19373	373.170	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	341162	96.260	ug/l	100
52) Toluene	10.624	92	157605	18.780	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	90168	18.698	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	99549	18.825	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	59722	17.898	ug/l	97
56) Ethyl methacrylate	10.871	69	82232	18.745	ug/l	98
57) 1,3-Dichloropropane	11.159	76	101726	18.263	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	205579	127.372	ug/l	100
59) 2-Hexanone	11.188	43	237858	97.555	ug/l	99
60) Dibromochloromethane	11.353	129	73246	18.852	ug/l	99
61) 1,2-Dibromoethane	11.465	107	58358	18.511	ug/l	98
64) Tetrachloroethene	11.100	164	56894	17.523	ug/l	98
65) Chlorobenzene	11.888	112	167918	17.490	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.953	131	61128	17.714	ug/l	99
67) Ethyl Benzene	11.959	91	269597	17.926	ug/l	97
68) m/p-Xylenes	12.065	106	214661	37.576	ug/l	99
69) o-Xylene	12.394	106	100658	18.543	ug/l	100
70) Styrene	12.406	104	168188	18.098	ug/l	98
71) Bromoform	12.576	173	47351	18.466	ug/l #	96
73) Isopropylbenzene	12.694	105	248434	18.142	ug/l	99
74) N-amyl acetate	12.488	43	88150	18.254	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	82814	17.575	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	82494m	18.580	ug/l	
77) Bromobenzene	12.976	156	65513	17.708	ug/l	95
78) n-propylbenzene	13.029	91	292124	18.627	ug/l	100
79) 2-Chlorotoluene	13.123	91	186830	17.830	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	212280	19.030	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	27548	18.103	ug/l	95
82) 4-Chlorotoluene	13.217	91	187674	18.067	ug/l	99
83) tert-Butylbenzene	13.435	119	172030	18.340	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	210395	19.064	ug/l	99
85) sec-Butylbenzene	13.612	105	245503	18.524	ug/l	100
86) p-Isopropyltoluene	13.723	119	202304	17.957	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	120286	17.354	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	121293	17.073	ug/l	100
89) n-Butylbenzene	14.053	91	162853	17.307	ug/l	98
90) Hexachloroethane	14.329	117	41839	16.669	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	113836	17.079	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14204	16.415	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	52980	16.681	ug/l	98
94) Hexachlorobutadiene	15.494	225	30731	15.921	ug/l	97
95) Naphthalene	15.635	128	144340	16.554	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	53127	16.662	ug/l	99

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Instrument :
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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

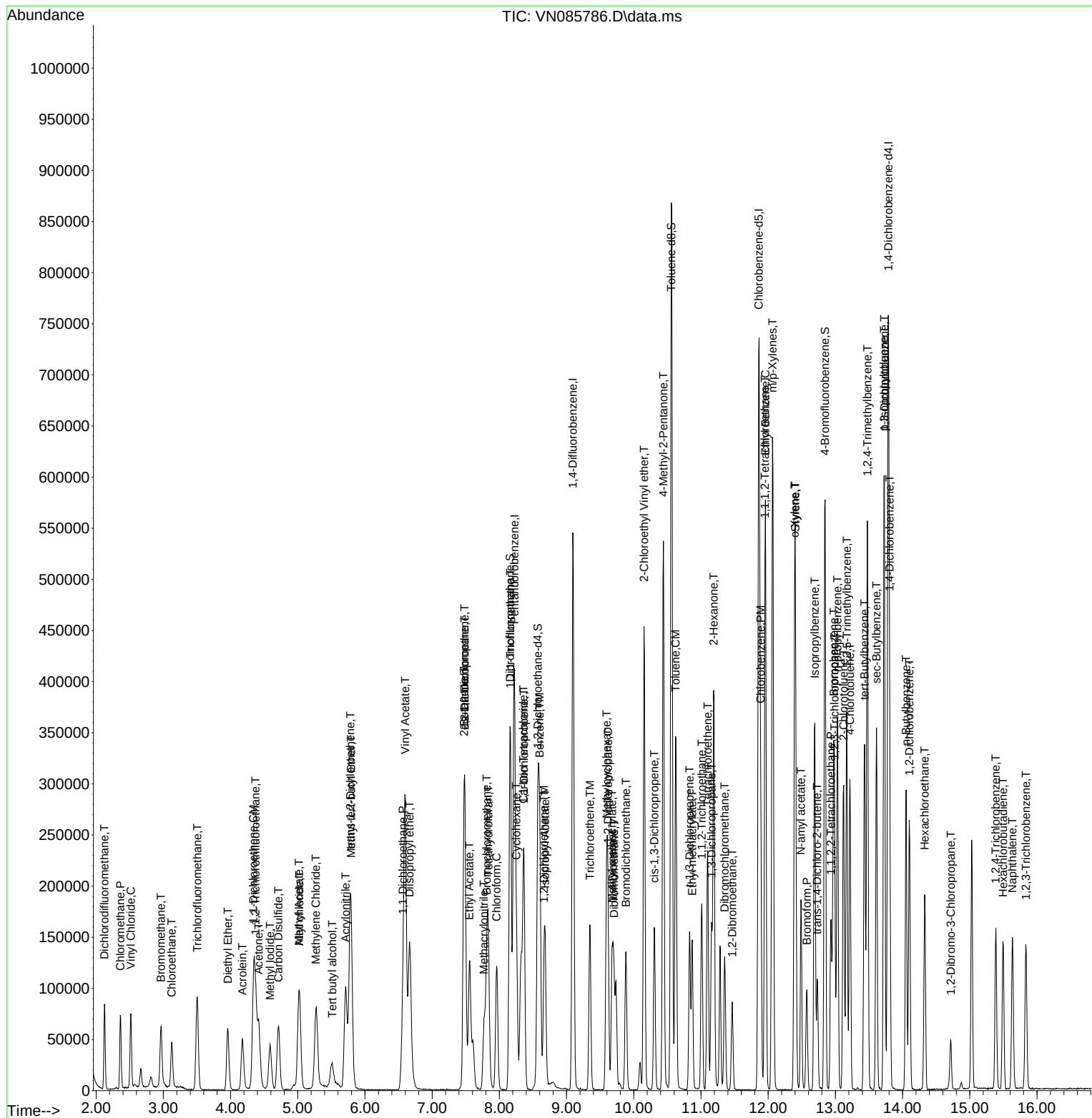
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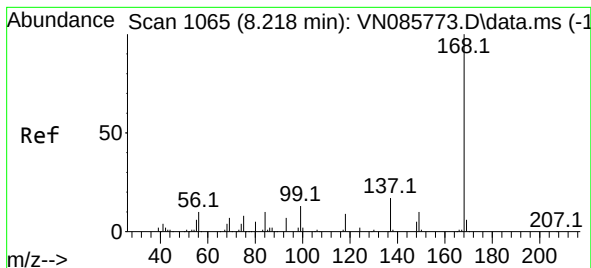
Instrument :
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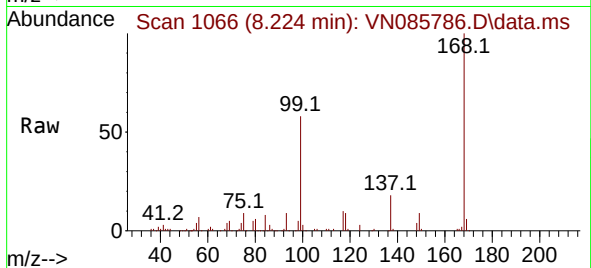
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085786.D
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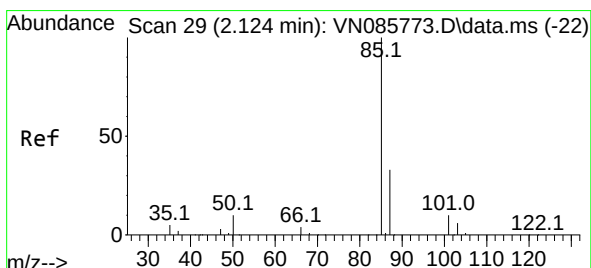
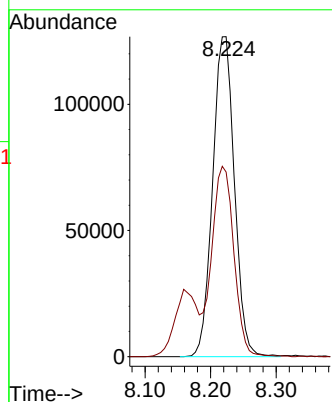
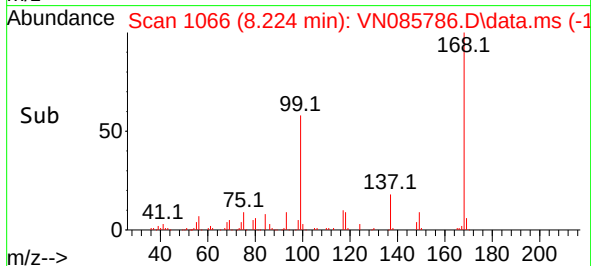
Instrument :
MSVOA_N
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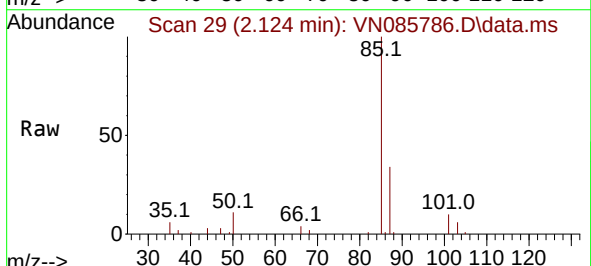
Tgt Ion:168 Resp: 291949
Ion Ratio Lower Upper
168 100
99 57.4 47.9 71.9

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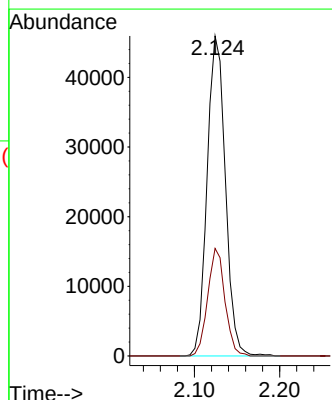
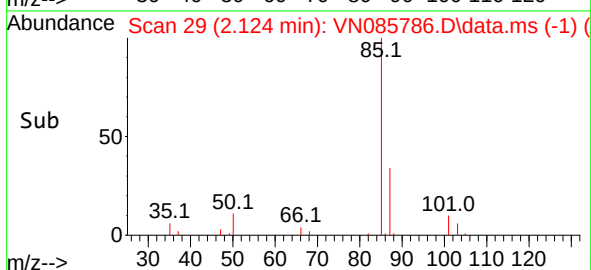
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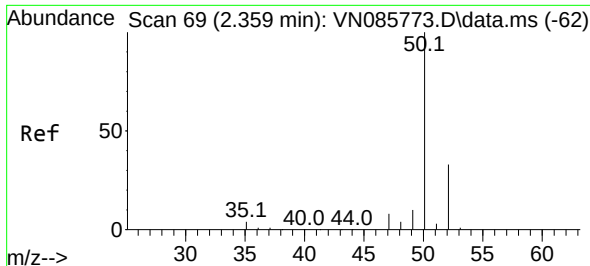


#2
Dichlorodifluoromethane
Concen: 17.208 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22



Tgt Ion: 85 Resp: 68335
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.2





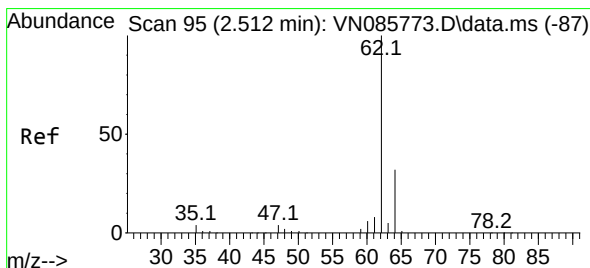
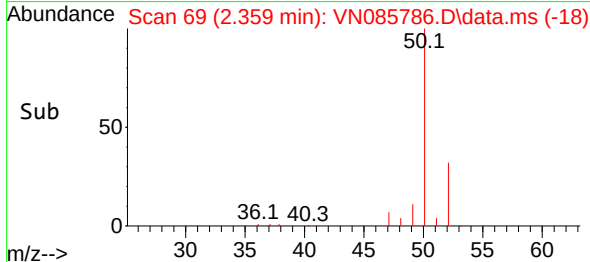
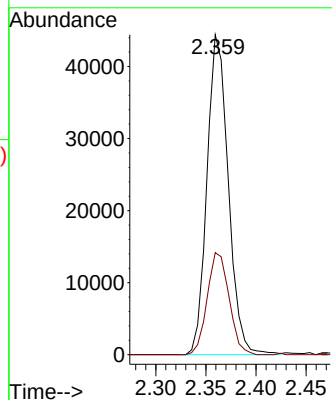
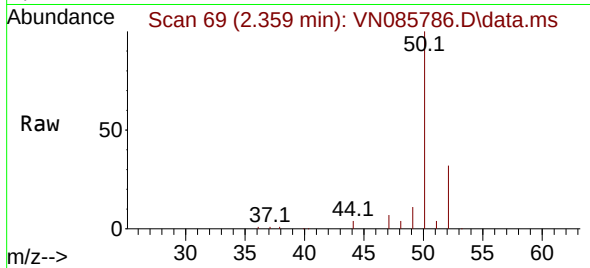
#3
Chloromethane
Concen: 16.535 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085786.D
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Tgt Ion: 50 Resp: 6588
Ion Ratio Lower Upper
50 100
52 31.9 26.7 40.1

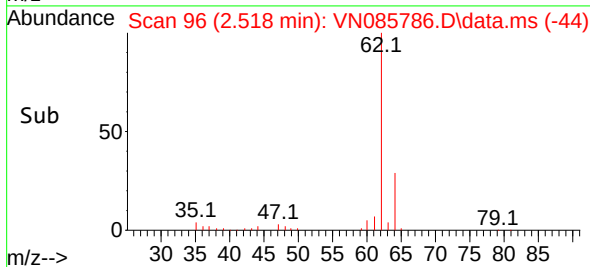
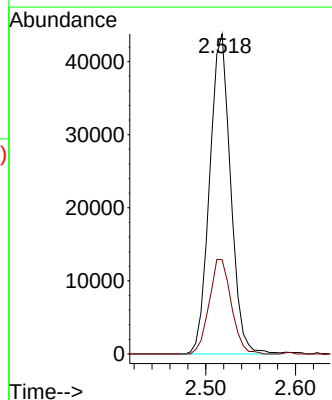
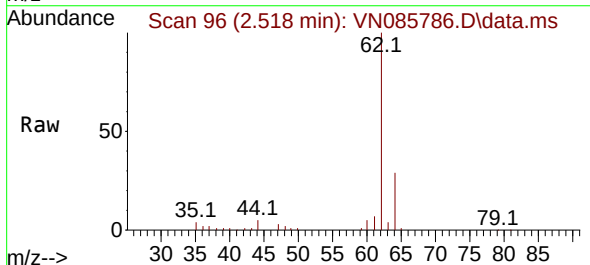
Manual Integrations
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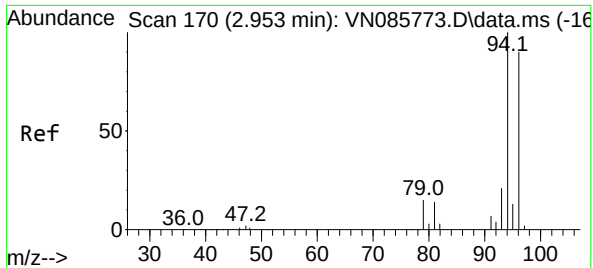
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#4
Vinyl Chloride
Concen: 16.817 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

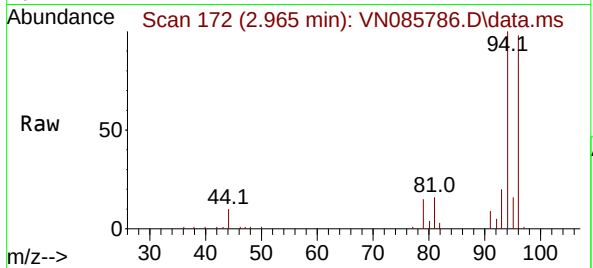
Tgt Ion: 62 Resp: 70955
Ion Ratio Lower Upper
62 100
64 29.5 25.9 38.9





#5
Bromomethane
Concen: 17.113 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

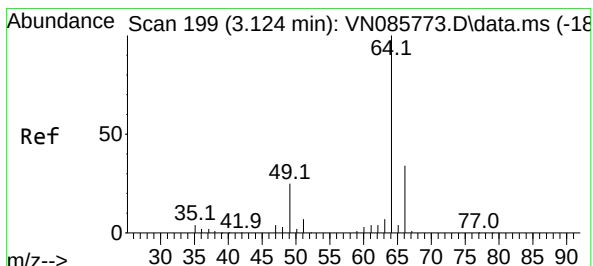
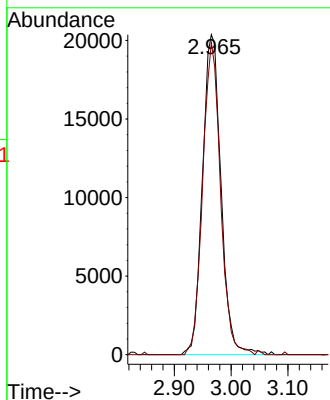
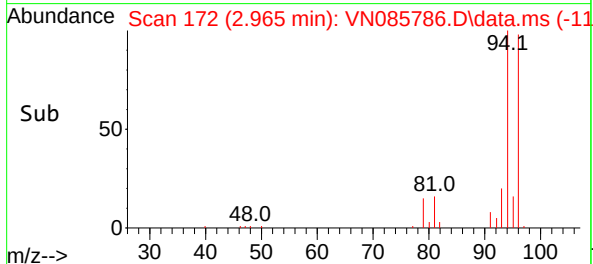
Instrument :
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Tgt Ion: 94 Resp: 4616
Ion Ratio Lower Upper
94 100
96 97.5 71.7 107.5

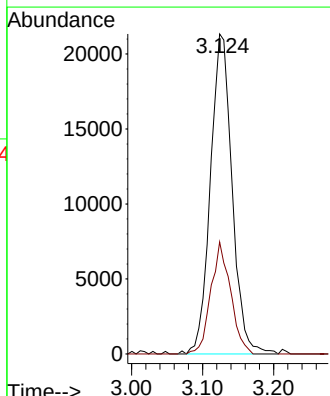
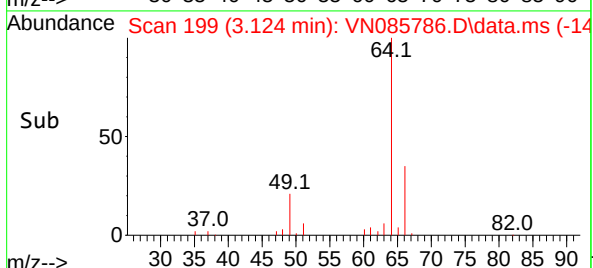
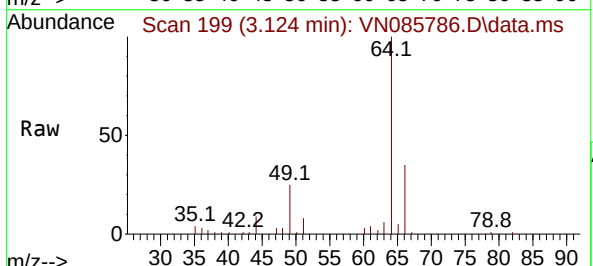
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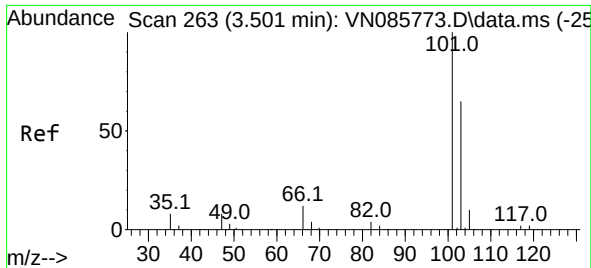
Reviewed By :John Carlone 02/20/2025
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#6
Chloroethane
Concen: 16.186 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 45233
Ion Ratio Lower Upper
64 100
66 35.0 27.0 40.6





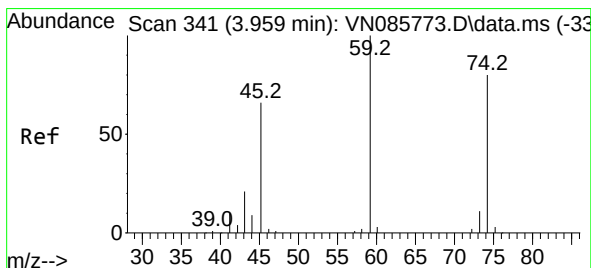
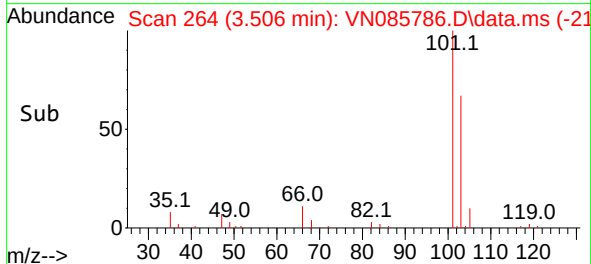
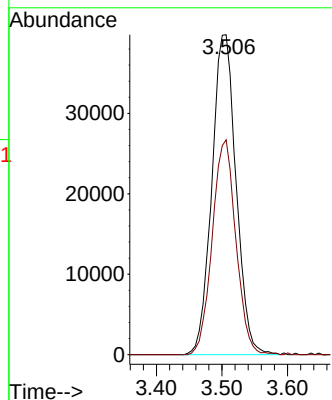
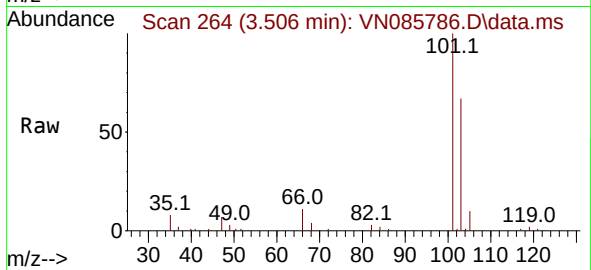
#7
 Trichlorofluoromethane
 Concen: 16.713 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.006 min
 Lab File: VN085786.D
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Instrument :
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Tgt Ion:101 Resp: 10209
 Ion Ratio Lower Upper
 101 100
 103 67.2 52.2 78.4

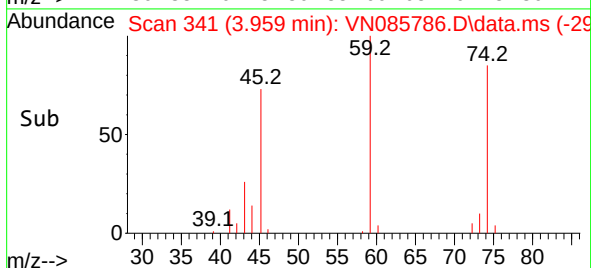
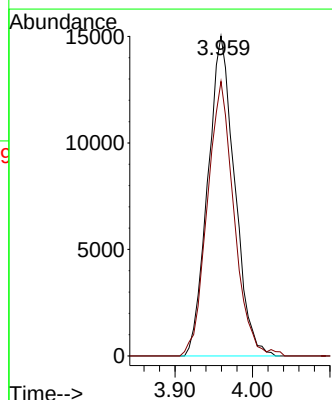
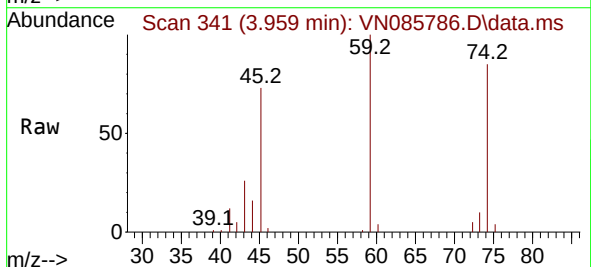
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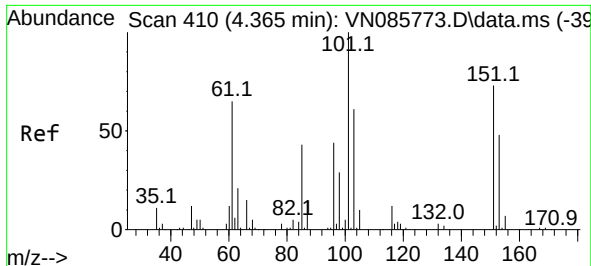
Reviewed By :John Carlone 02/20/2025
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#8
 Diethyl Ether
 Concen: 18.313 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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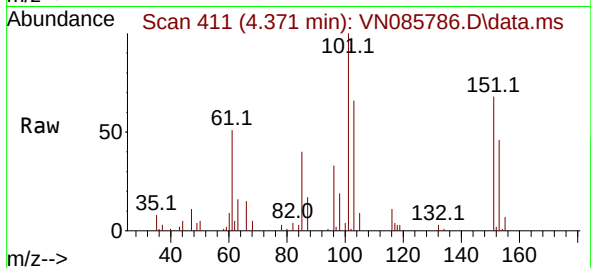
Tgt Ion: 74 Resp: 36195
 Ion Ratio Lower Upper
 74 100
 45 85.4 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.129 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

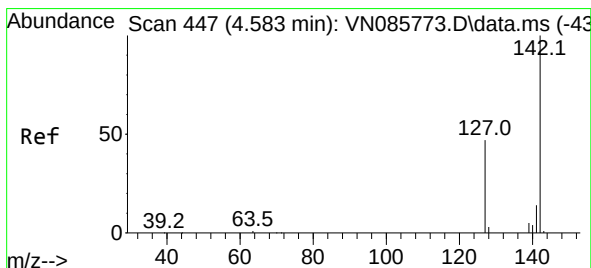
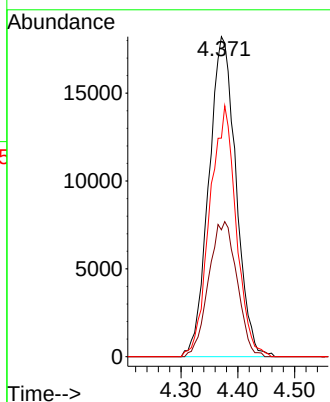
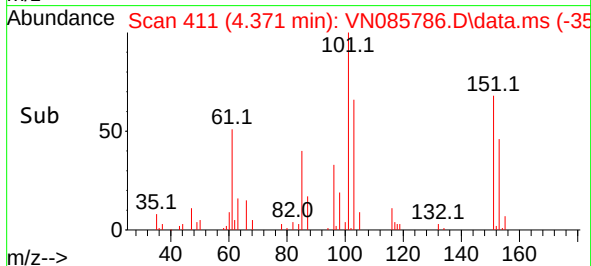
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



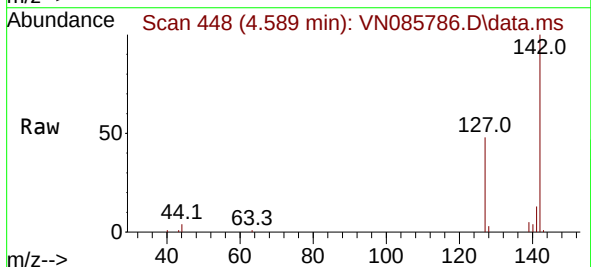
Tgt Ion:101 Resp: 60484
Ion Ratio Lower Upper
101 100
85 44.0 35.7 53.5
151 76.2 61.4 92.2

Manual Integrations
APPROVED

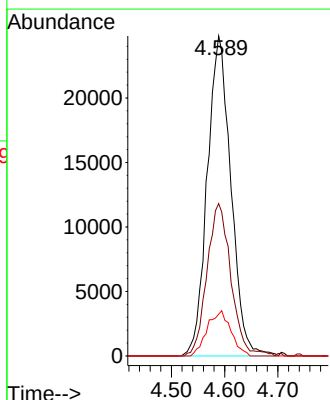
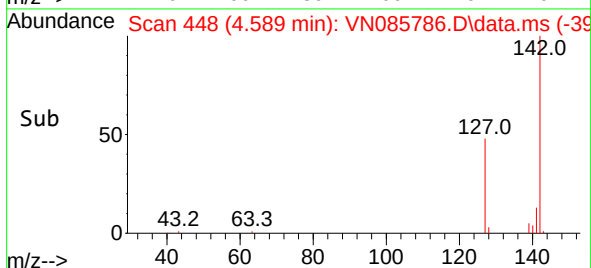
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

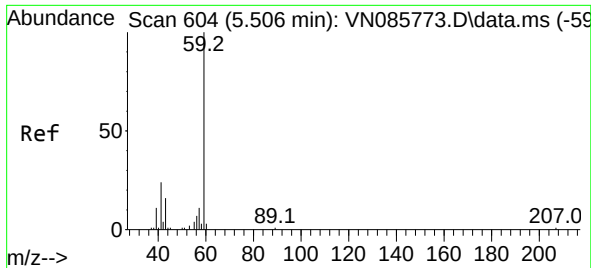


#10
Methyl Iodide
Concen: 17.564 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22



Tgt Ion:142 Resp: 76448
Ion Ratio Lower Upper
142 100
127 47.6 37.6 56.4
141 13.1 11.4 17.2





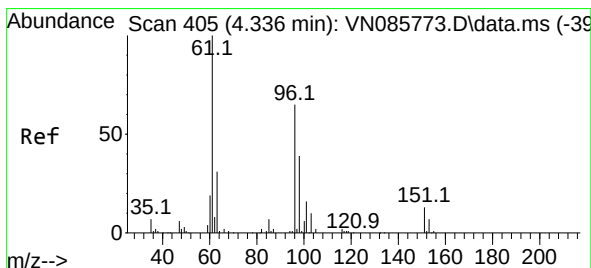
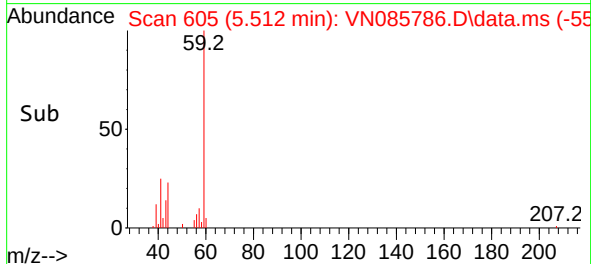
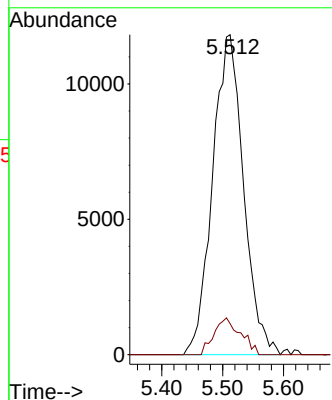
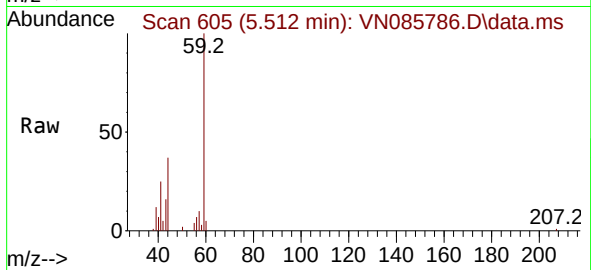
#11
Tert butyl alcohol
Concen: 89.569 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01

Tgt Ion: 59 Resp: 4169
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

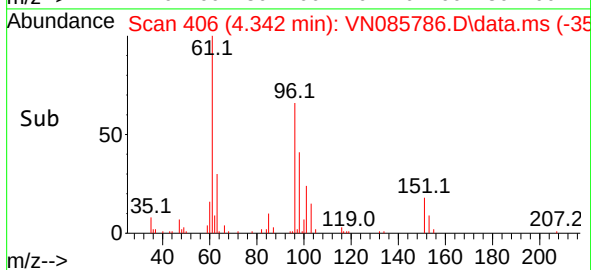
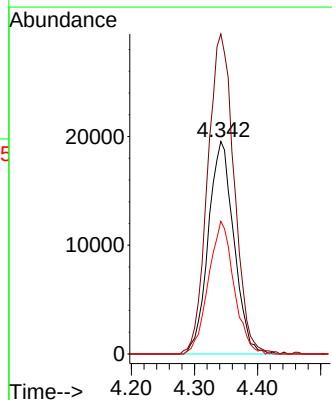
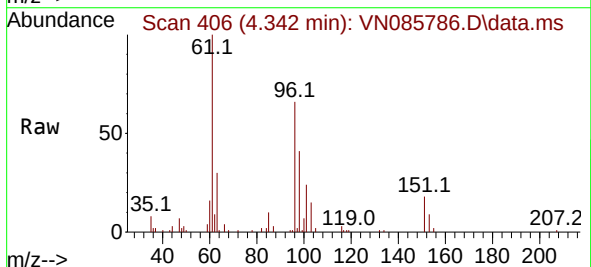
Manual Integrations
APPROVED

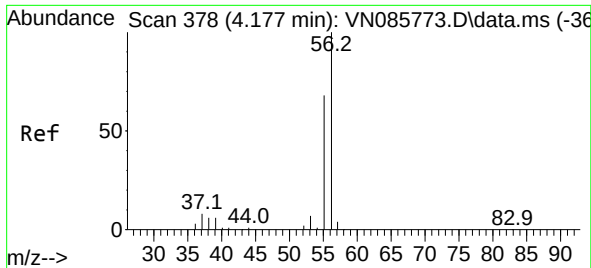
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#12
1,1-Dichloroethene
Concen: 17.178 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

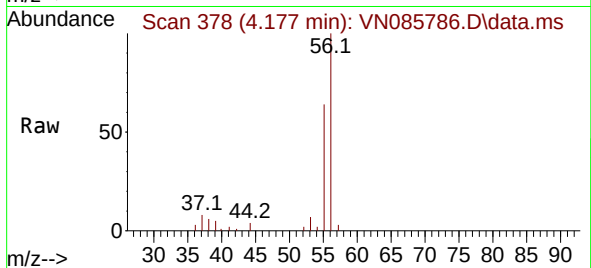
Tgt Ion: 96 Resp: 54998
Ion Ratio Lower Upper
96 100
61 150.6 123.3 184.9
98 62.4 48.6 72.8





#13
Acrolein
Concen: 94.768 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

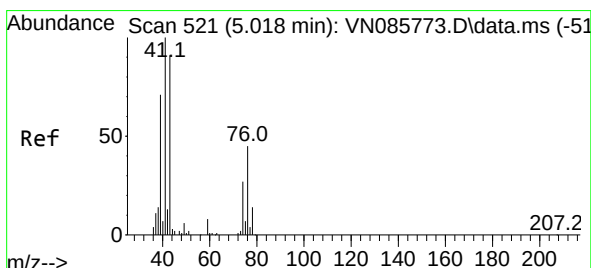
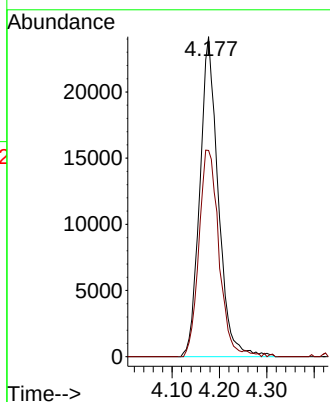
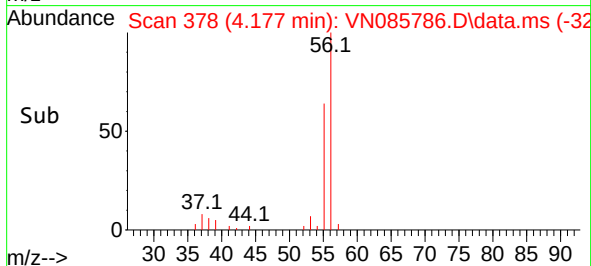
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



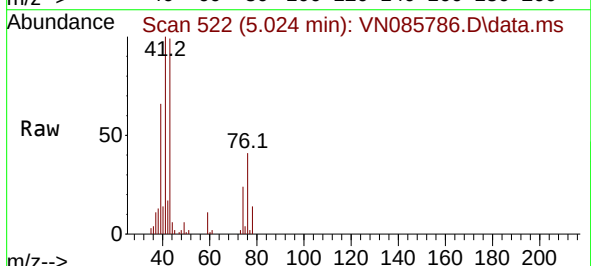
Tgt Ion: 56 Resp: 6542
Ion Ratio Lower Upper
56 100
55 70.2 55.3 82.9

Manual Integrations
APPROVED

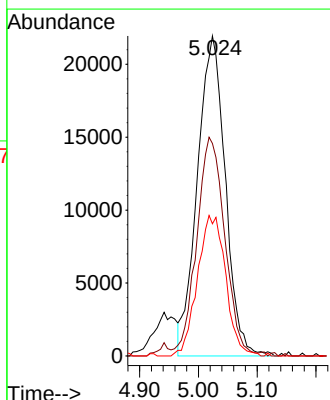
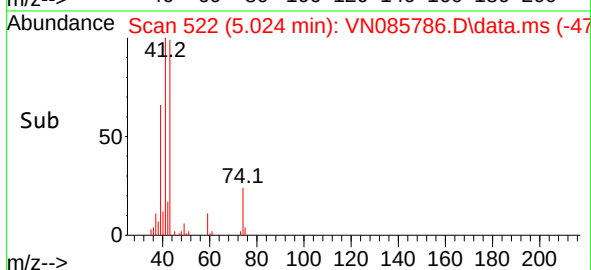
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

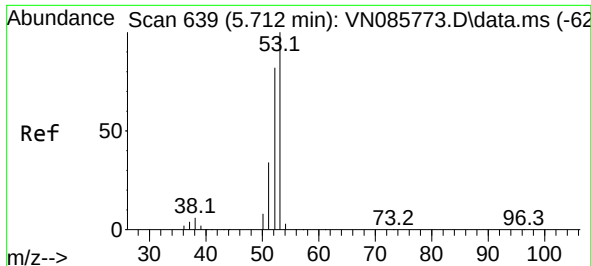


#14
Allyl chloride
Concen: 17.277 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22



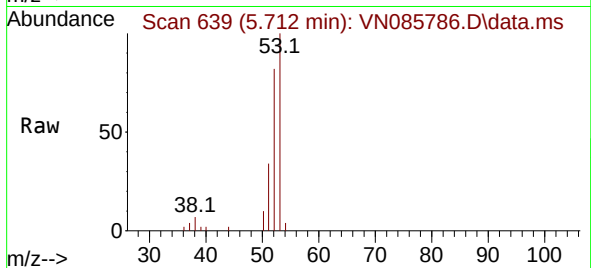
Tgt Ion: 41 Resp: 72622
Ion Ratio Lower Upper
41 100
39 68.8 57.4 86.2
76 44.3 36.2 54.2





#15
Acrylonitrile
Concen: 90.066 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

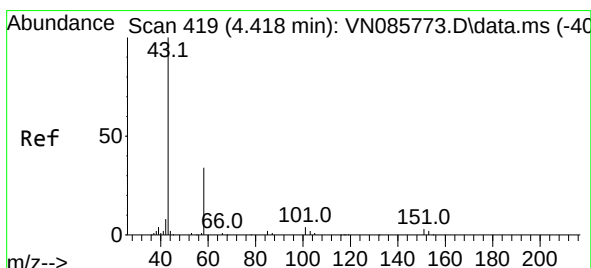
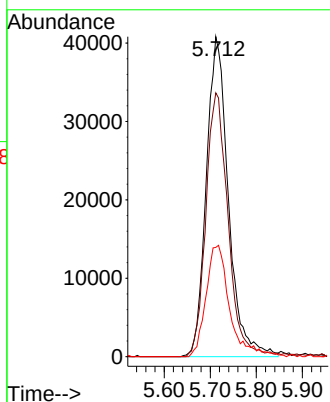
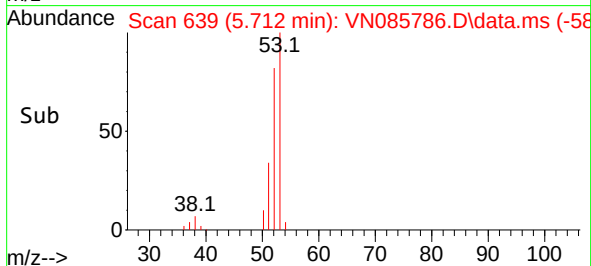
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 53 Resp: 136300
Ion Ratio Lower Upper
53 100
52 82.7 65.8 98.6
51 37.2 28.6 42.8

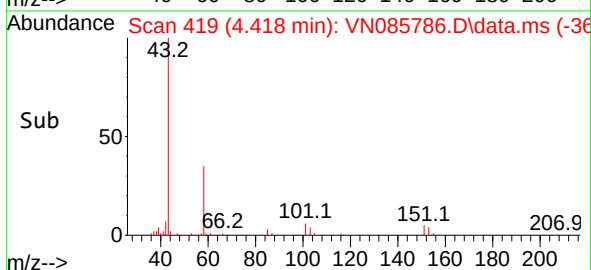
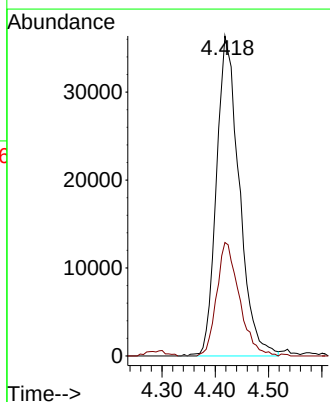
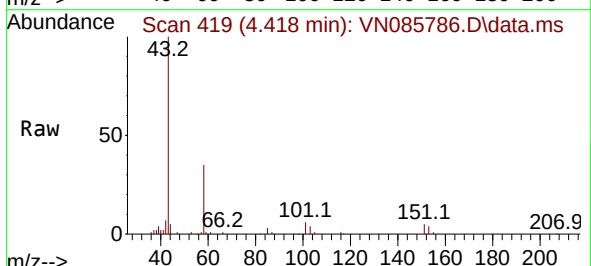
Manual Integrations
APPROVED

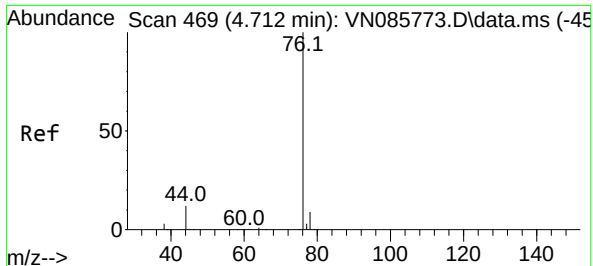
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#16
Acetone
Concen: 90.343 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

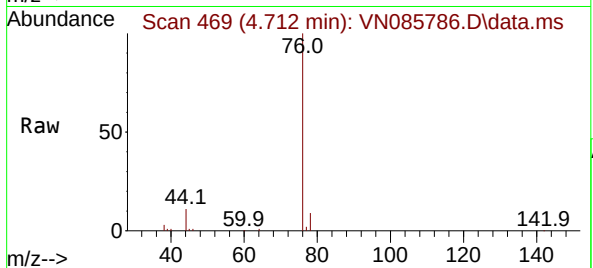
Tgt Ion: 43 Resp: 108199
Ion Ratio Lower Upper
43 100
58 35.4 27.5 41.3





#17
Carbon Disulfide
Concen: 15.924 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

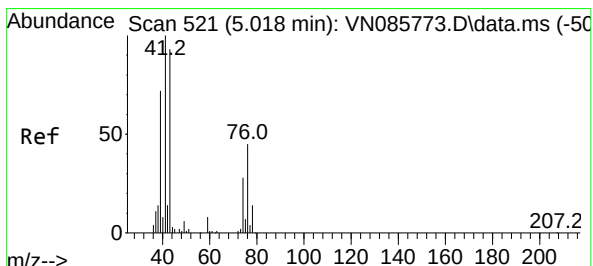
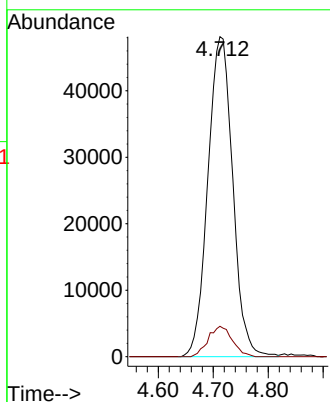
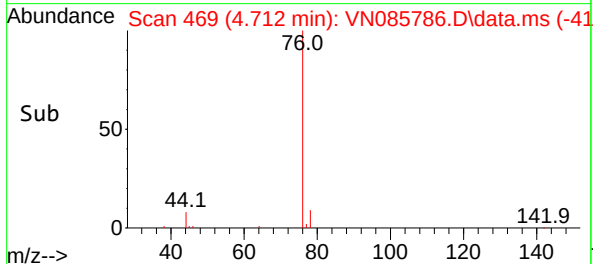
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 76 Resp: 15109
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

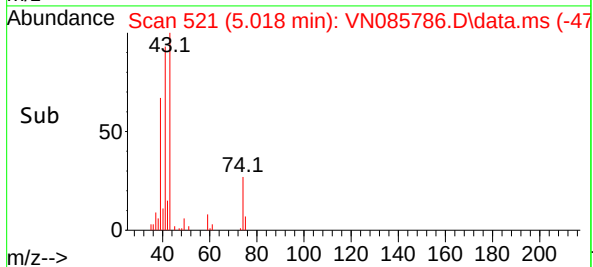
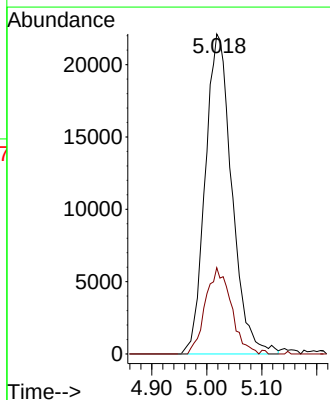
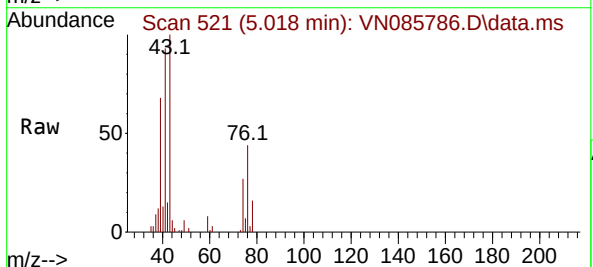
Manual Integrations
APPROVED

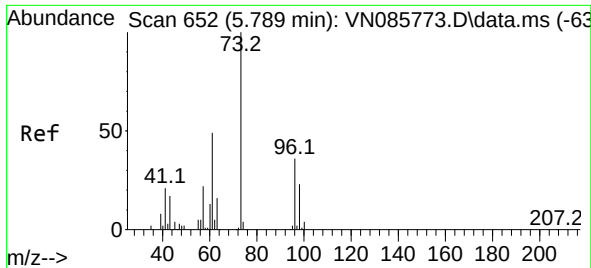
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#18
Methyl Acetate
Concen: 18.057 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

Tgt Ion: 43 Resp: 74381
Ion Ratio Lower Upper
43 100
74 25.9 22.2 33.4





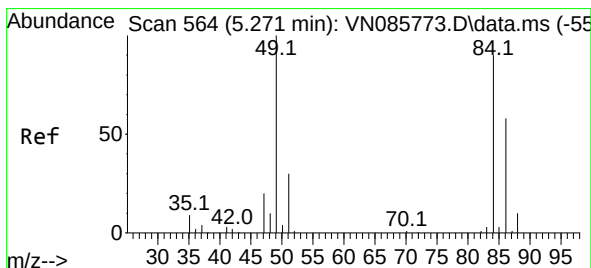
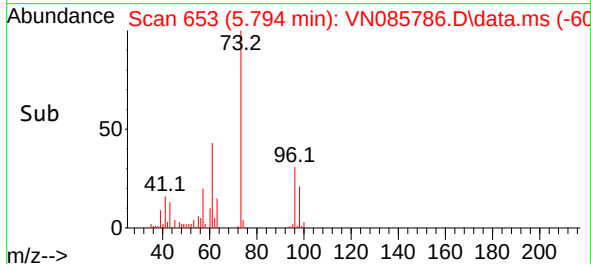
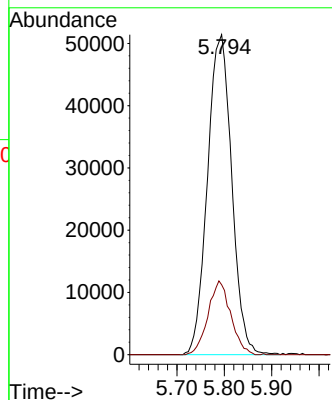
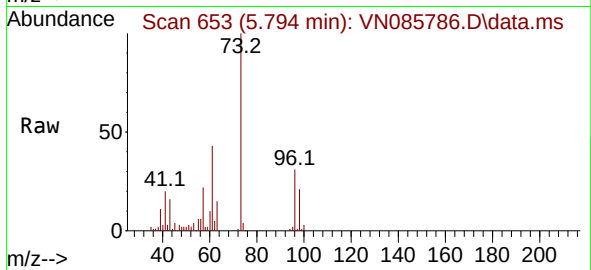
#19
Methyl tert-butyl Ether
Concen: 19.226 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01

Tgt Ion: 73 Resp: 18291
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4

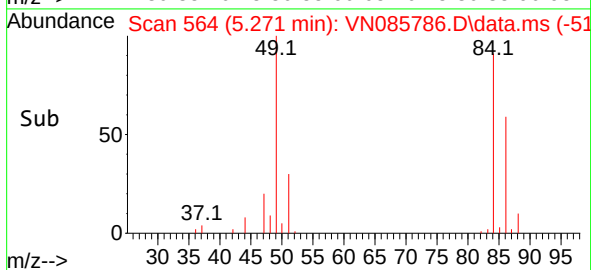
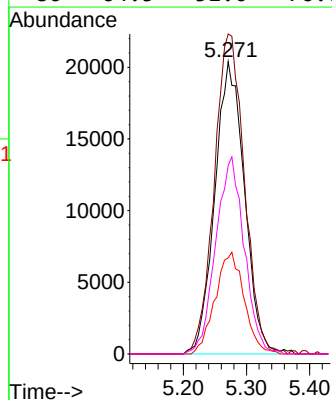
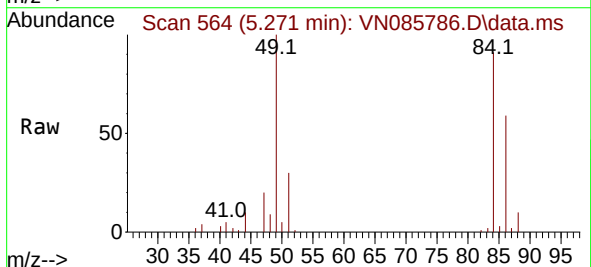
Manual Integrations
APPROVED

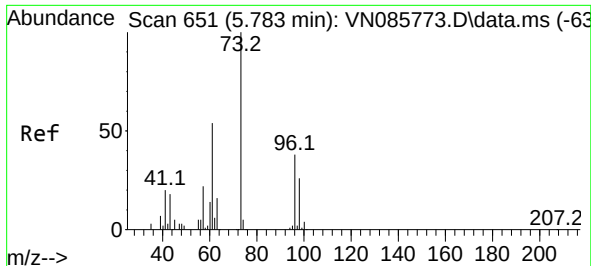
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#20
Methylene Chloride
Concen: 17.220 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

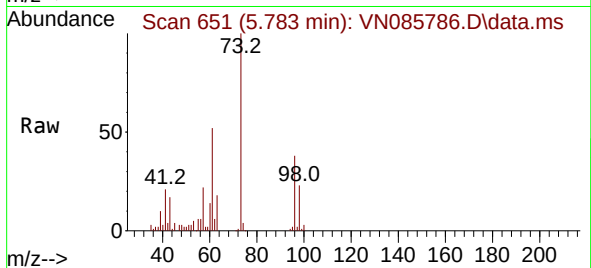
Tgt Ion: 84 Resp: 66321
Ion Ratio Lower Upper
84 100
49 109.5 88.4 132.6
51 32.9 26.6 40.0
86 64.5 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 16.907 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

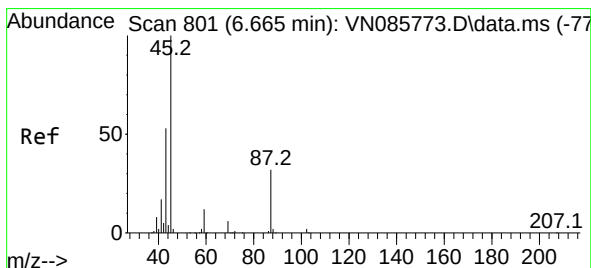
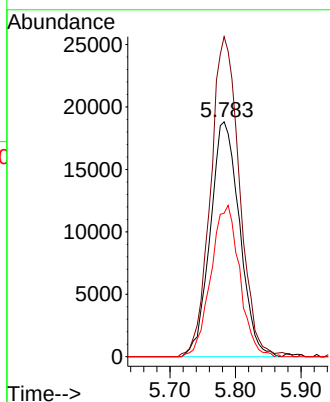
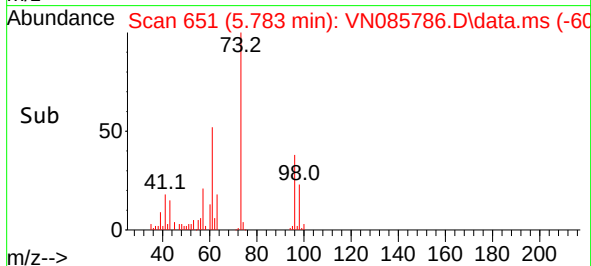
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



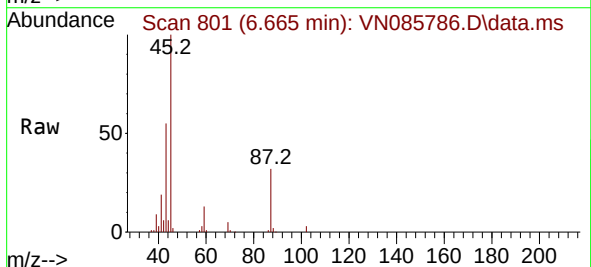
Tgt Ion: 96 Resp: 58280
Ion Ratio Lower Upper
96 100
61 136.3 112.6 168.8
98 61.1 53.3 79.9

Manual Integrations
APPROVED

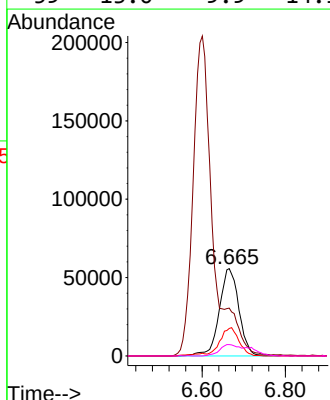
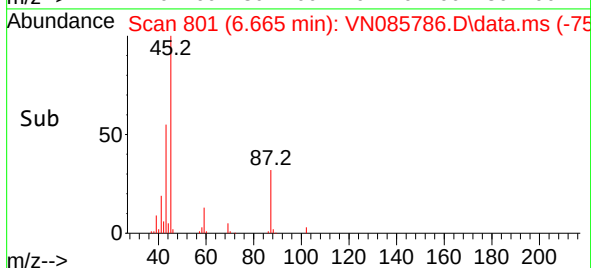
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

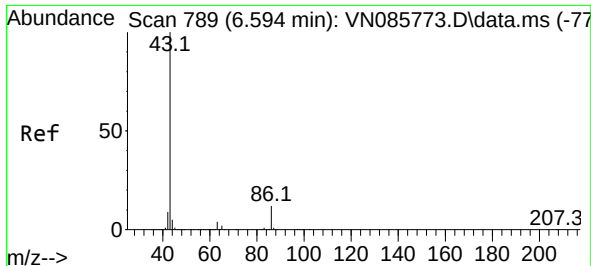


#22
Diisopropyl ether
Concen: 19.235 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22



Tgt Ion: 45 Resp: 182697
Ion Ratio Lower Upper
45 100
43 53.5 42.6 64.0
87 31.5 25.8 38.8
59 13.0 9.9 14.9





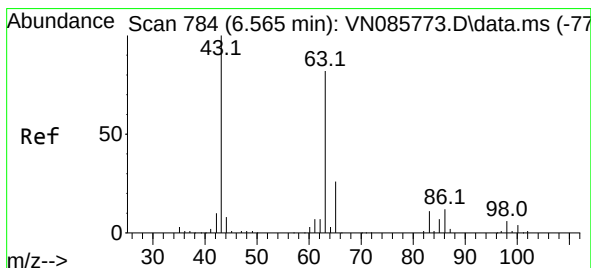
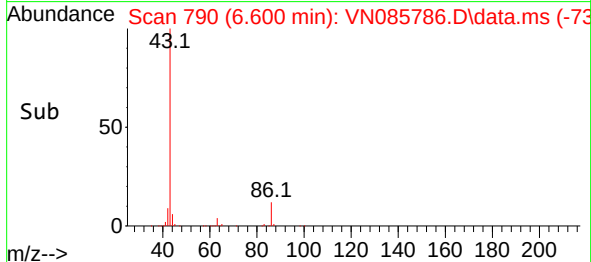
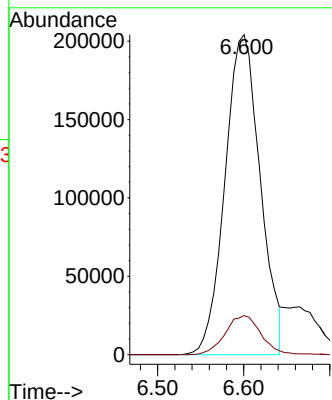
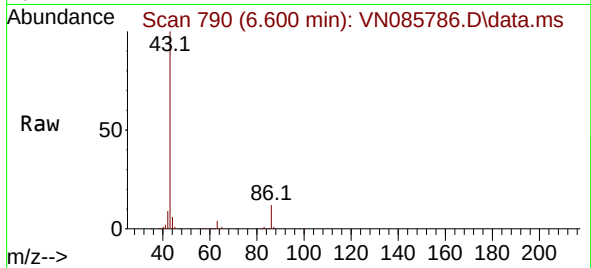
#23
 Vinyl Acetate
 Concen: 89.569 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085786.D
 Acq: 19 Feb 2025 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBSD01

Tgt Ion: 43 Resp: 582508
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.8 14.8

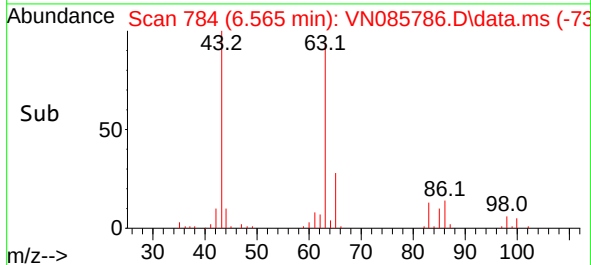
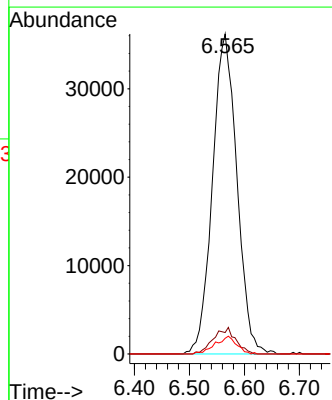
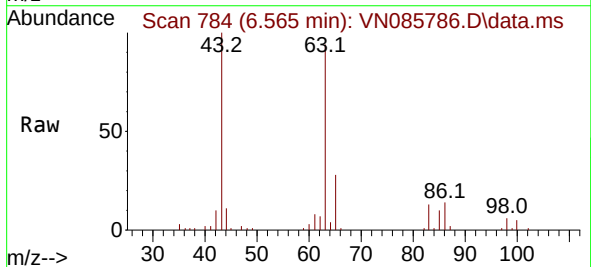
Manual Integrations
 APPROVED

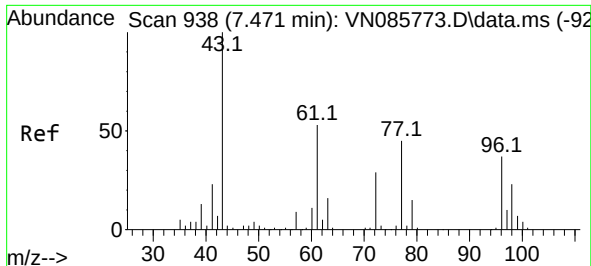
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025



#24
 1,1-Dichloroethane
 Concen: 17.317 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085786.D
 Acq: 19 Feb 2025 13:22

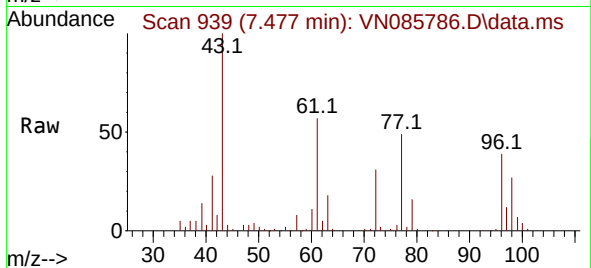
Tgt Ion: 63 Resp: 111812
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.9 2.4 7.2





#25
2-Butanone
Concen: 91.422 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

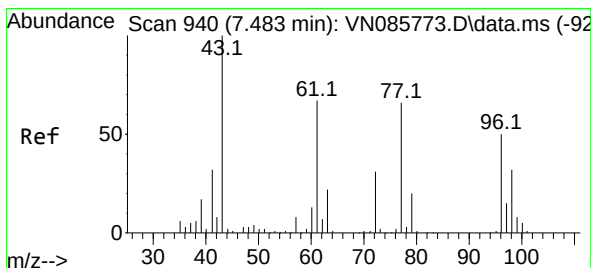
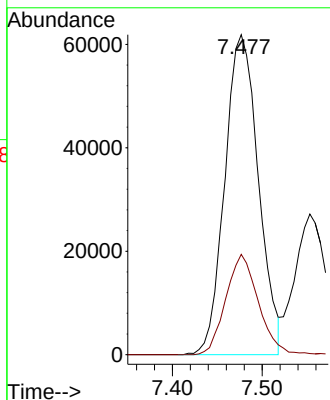
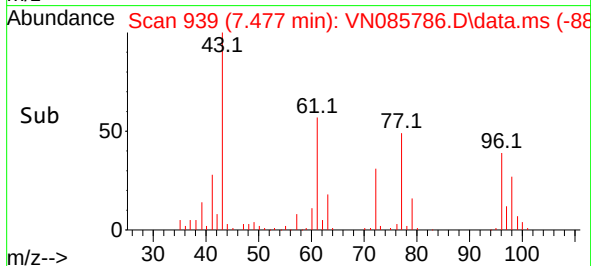
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



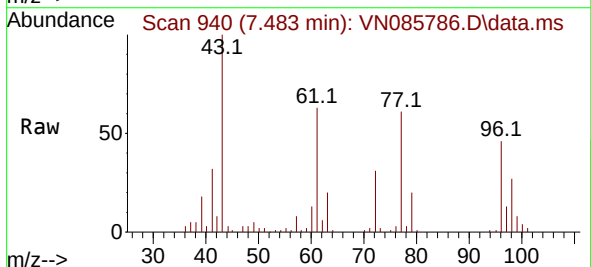
Tgt Ion: 43 Resp: 16108
Ion Ratio Lower Upper
43 100
72 31.4 23.6 35.4

Manual Integrations
APPROVED

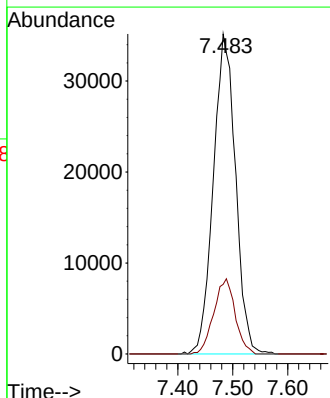
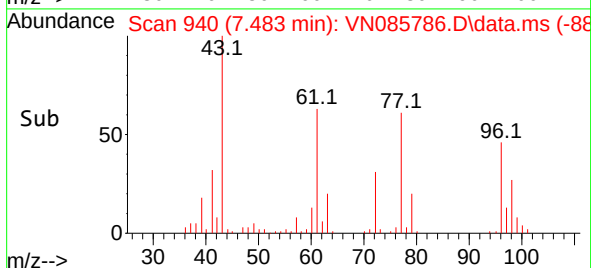
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

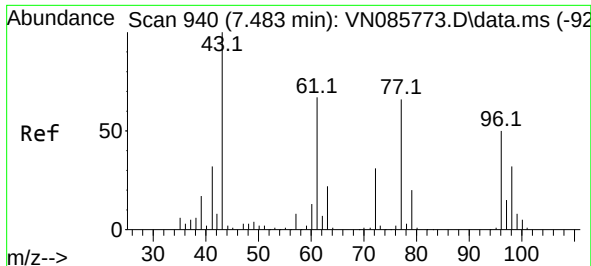


#26
2,2-Dichloropropane
Concen: 17.164 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22



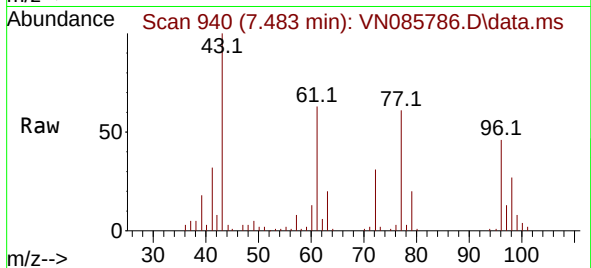
Tgt Ion: 77 Resp: 98544
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 17.598 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085786.D
 Acq: 19 Feb 2025 13:22

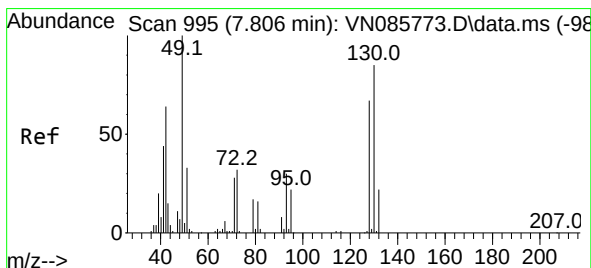
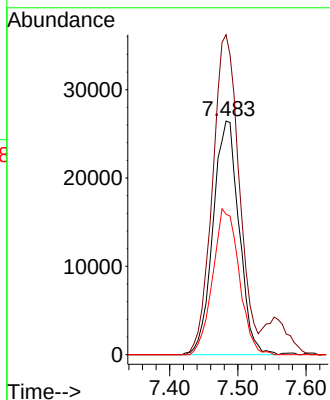
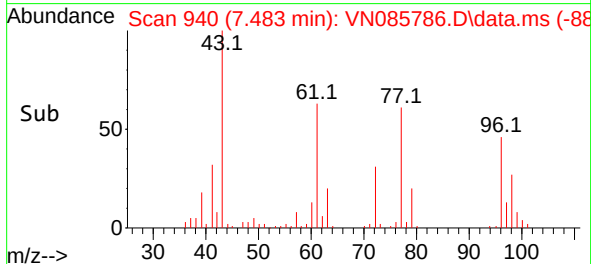
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBSD01



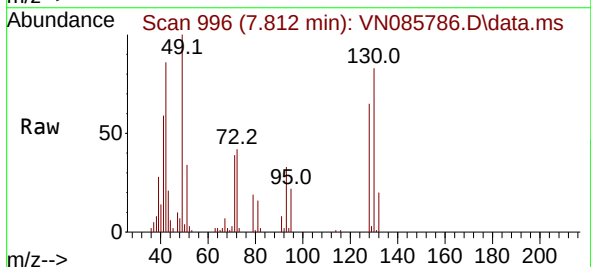
Tgt Ion: 96 Resp: 7034
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 280.6
 98 63.3 0.0 128.6

Manual Integrations
 APPROVED

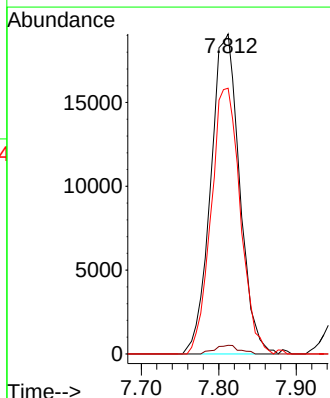
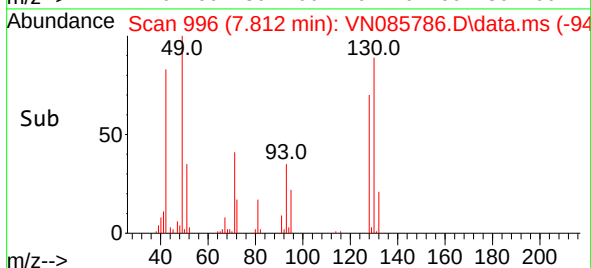
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025

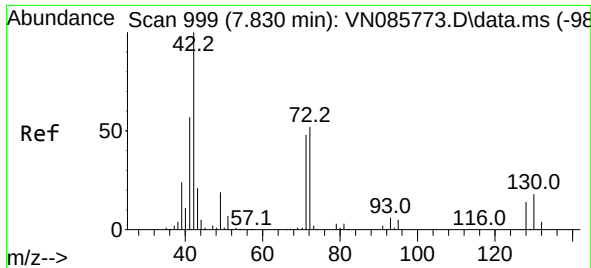


#28
 Bromochloromethane
 Concen: 18.596 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085786.D
 Acq: 19 Feb 2025 13:22



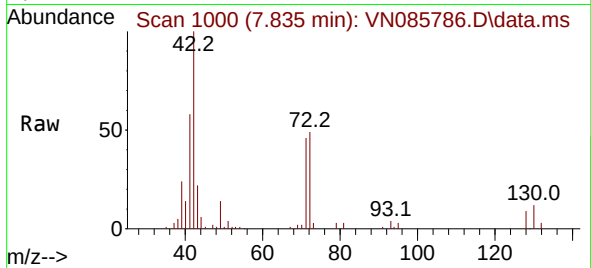
Tgt Ion: 49 Resp: 49350
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 84.0 68.0 102.0





#29
Tetrahydrofuran
Concen: 94.205 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

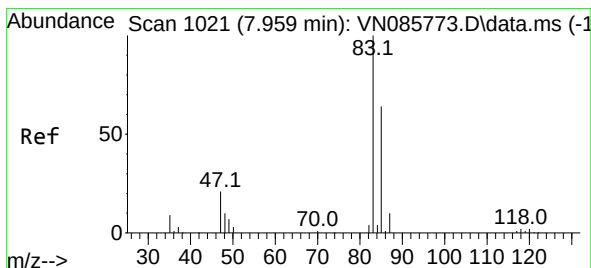
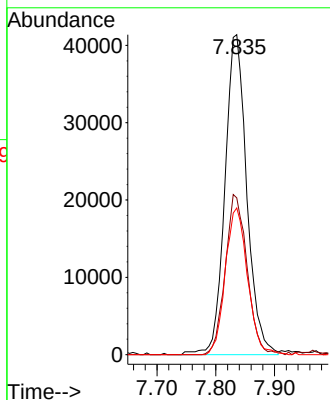
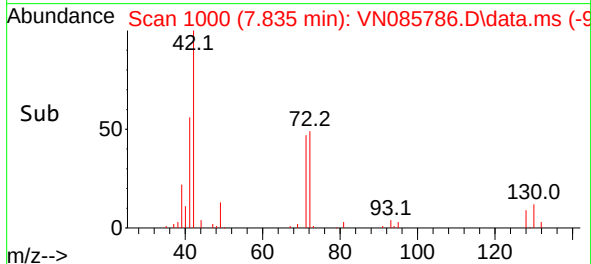
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 42 Resp: 107184
Ion Ratio Lower Upper
42 100
72 49.8 40.0 60.0
71 46.6 37.0 55.4

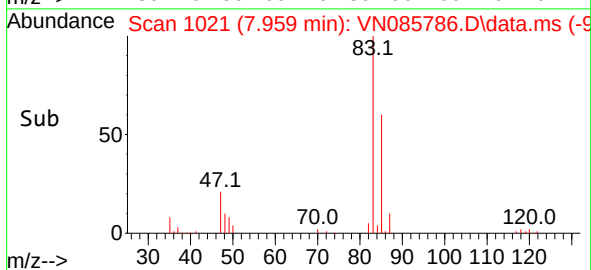
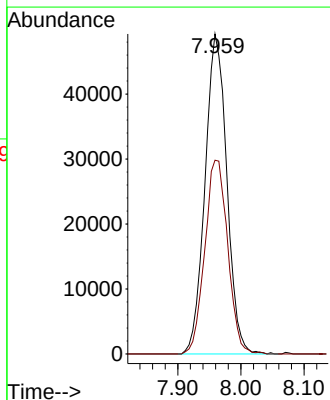
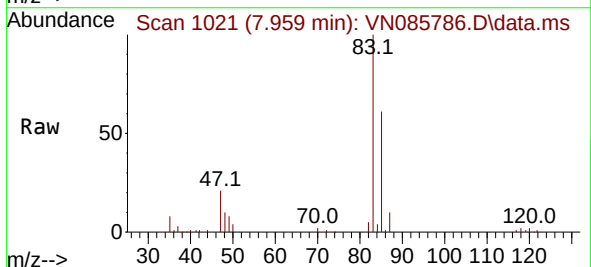
Manual Integrations
APPROVED

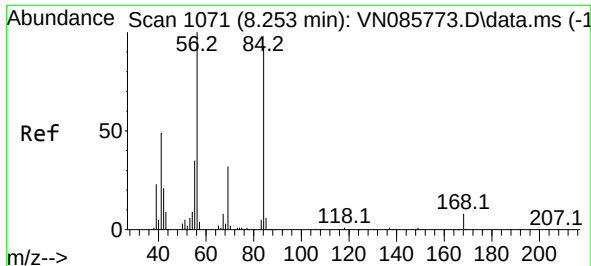
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#30
Chloroform
Concen: 17.485 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

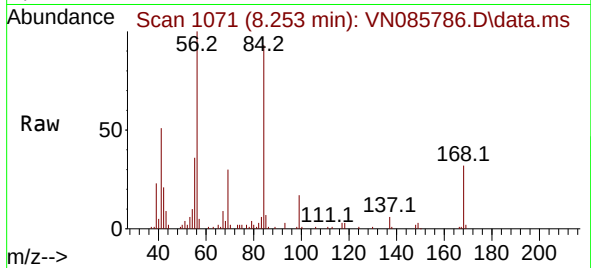
Tgt Ion: 83 Resp: 117979
Ion Ratio Lower Upper
83 100
85 60.6 50.9 76.3





#31
Cyclohexane
Concen: 16.385 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

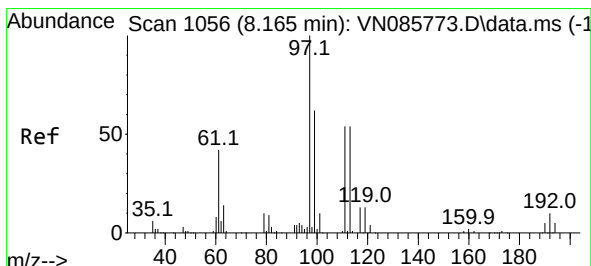
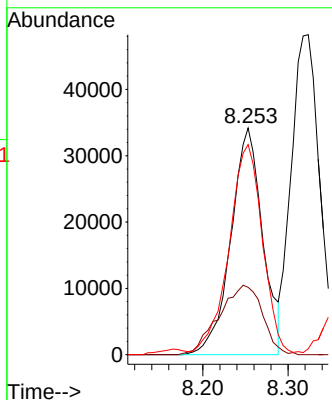
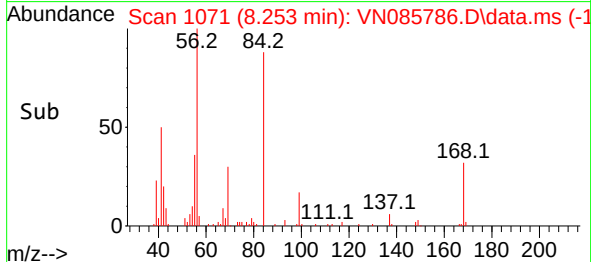
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 56 Resp: 88578
Ion Ratio Lower Upper
56 100
69 29.7 25.8 38.6
84 90.4 74.5 111.7

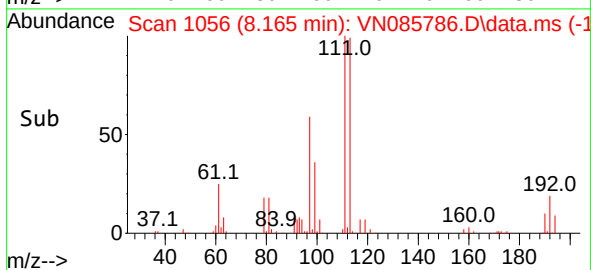
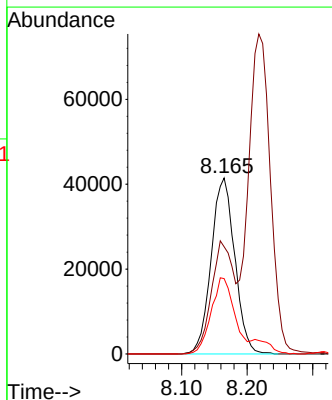
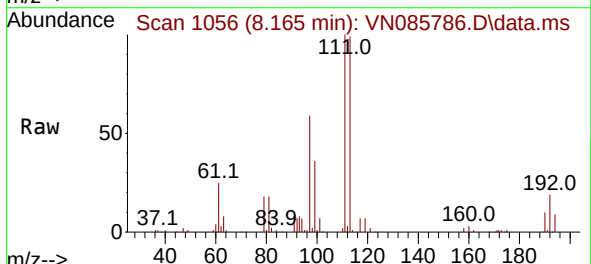
Manual Integrations
APPROVED

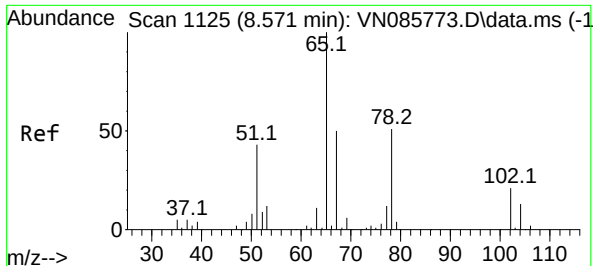
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#32
1,1,1-Trichloroethane
Concen: 17.222 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

Tgt Ion: 97 Resp: 103361
Ion Ratio Lower Upper
97 100
99 59.4 50.4 75.6
61 43.7 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 55.480 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBSD01

Tgt Ion: 65 Resp: 209994

Ion Ratio Lower Upper

65 100

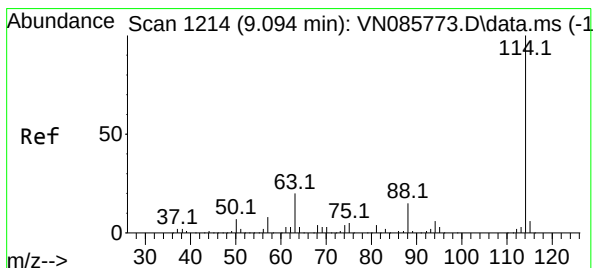
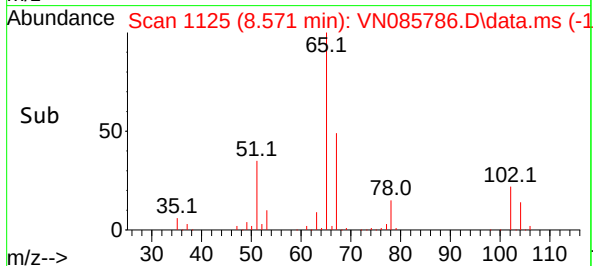
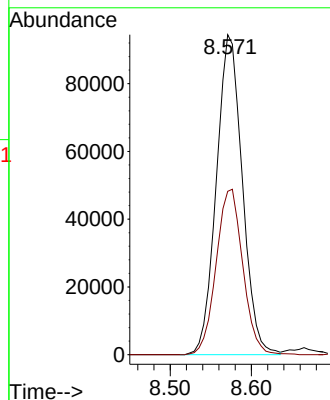
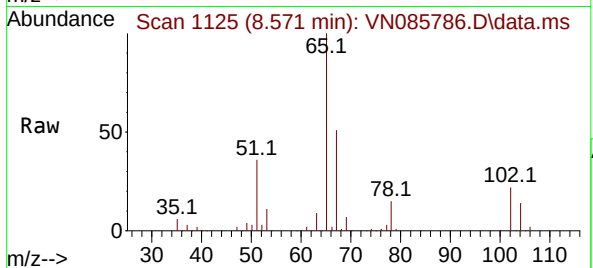
67 53.1 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

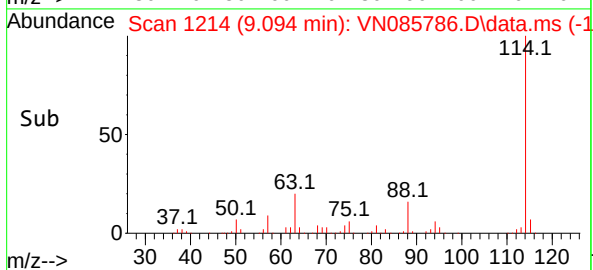
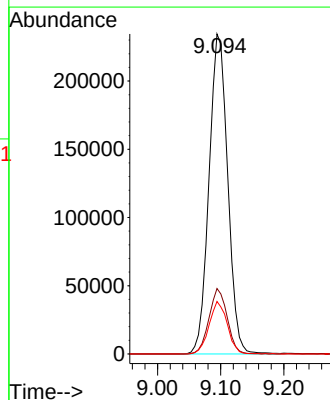
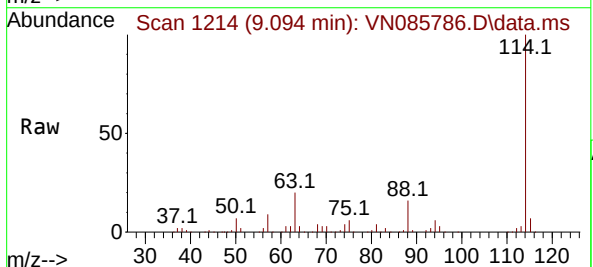
Tgt Ion:114 Resp: 482343

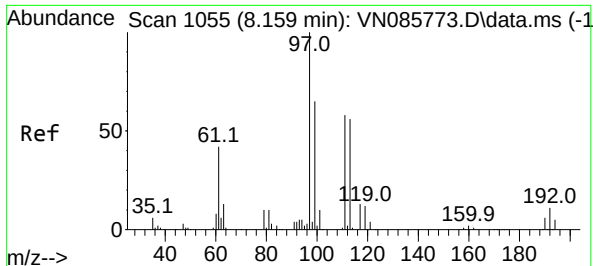
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

88 16.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 54.680 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBSD01

Tgt Ion: 113 Resp: 17258

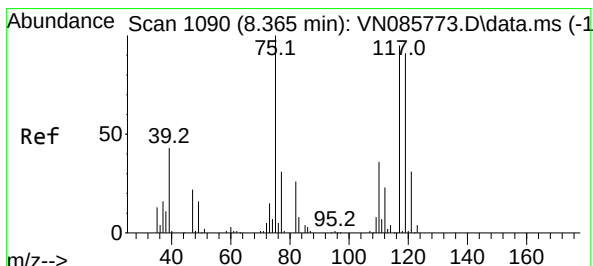
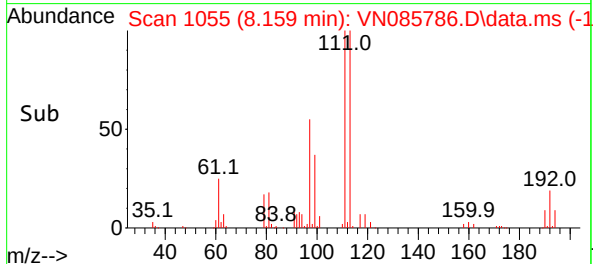
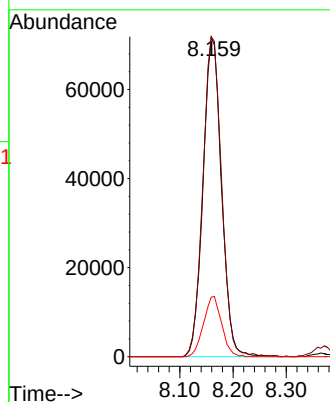
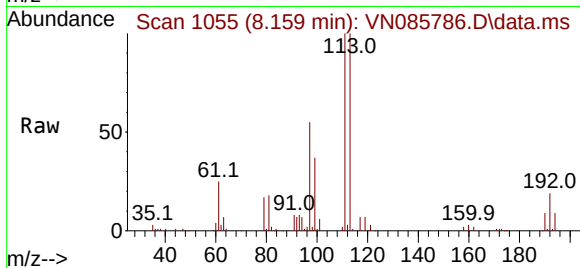
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	18.5	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#36

1,1-Dichloropropene

Concen: 17.443 ug/l

RT: 8.365 min Scan# 1090

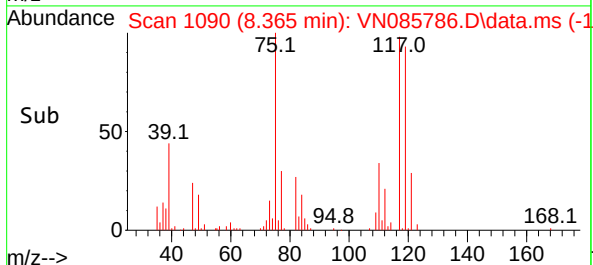
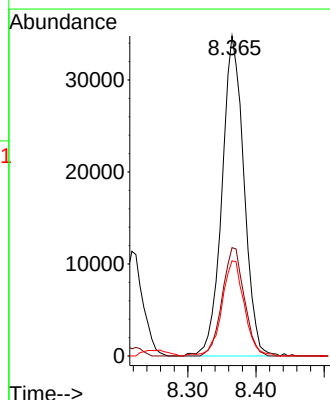
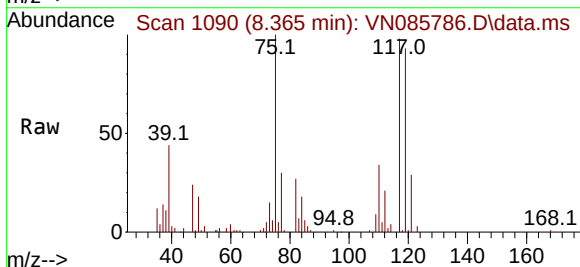
Delta R.T. -0.000 min

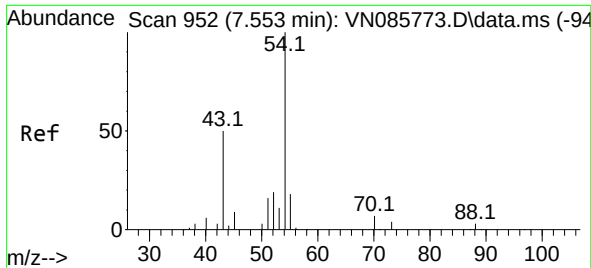
Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Tgt Ion: 75 Resp: 77917

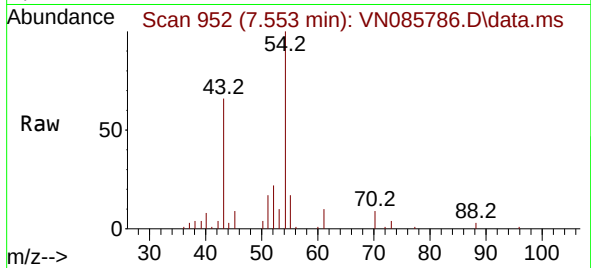
Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.3	52.0
77	30.6	24.6	37.0





#37
Ethyl Acetate
Concen: 18.989 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

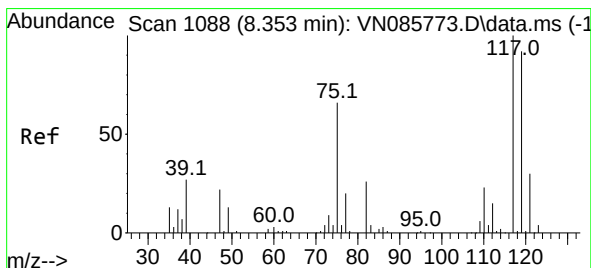
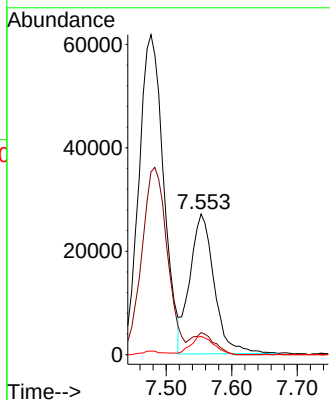
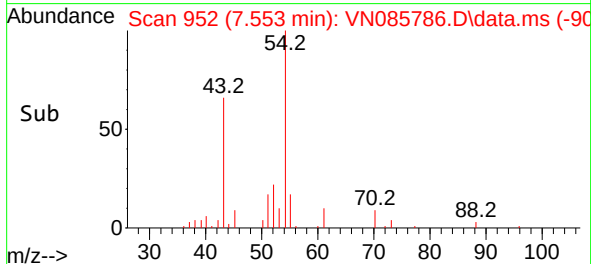
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 43 Resp: 69804
Ion Ratio Lower Upper
43 100
61 13.2 12.2 18.2
70 12.6 9.5 14.3

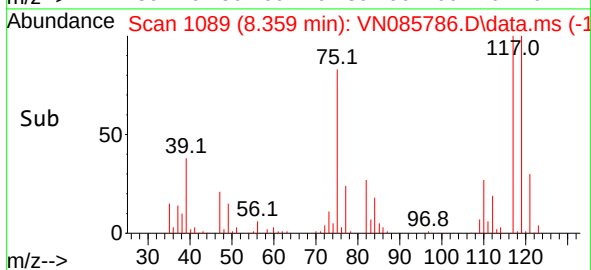
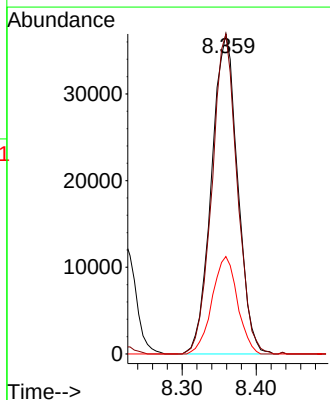
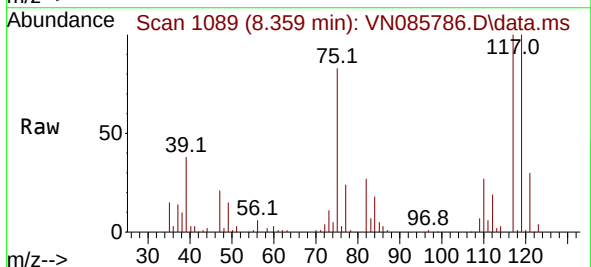
Manual Integrations
APPROVED

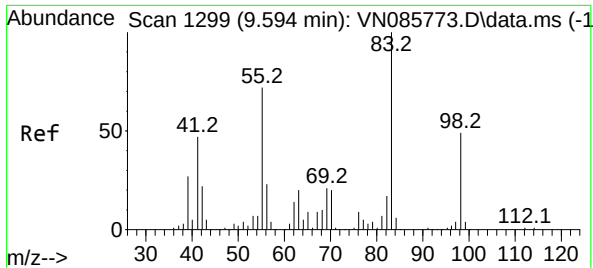
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#38
Carbon Tetrachloride
Concen: 17.028 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

Tgt Ion:117 Resp: 90380
Ion Ratio Lower Upper
117 100
119 100.0 73.8 110.6
121 30.4 24.3 36.5





#39

Methylcyclohexane

Concen: 17.306 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBSD01

Tgt Ion: 83 Resp: 7594

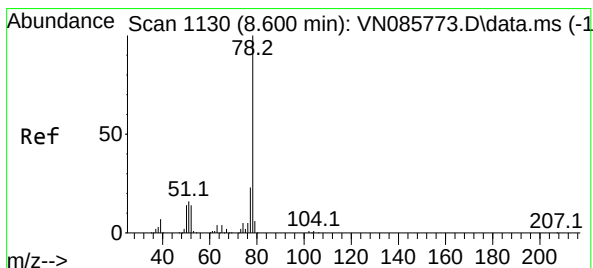
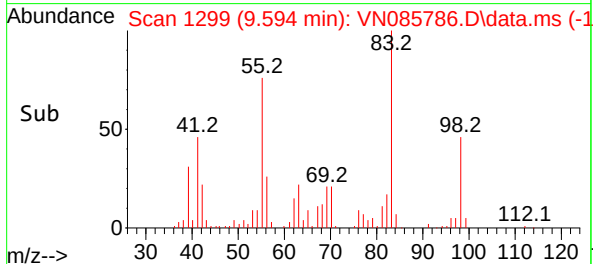
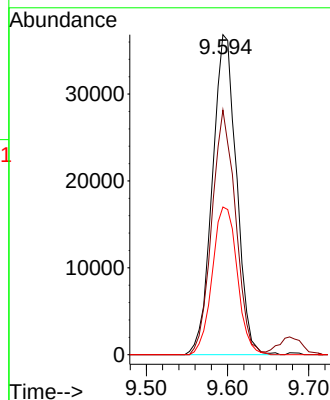
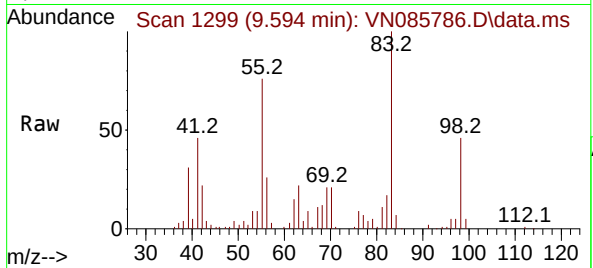
Ion	Ratio	Lower	Upper
83	100		
55	76.5	57.5	86.3
98	46.1	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#40

Benzene

Concen: 17.778 ug/l

RT: 8.600 min Scan# 1130

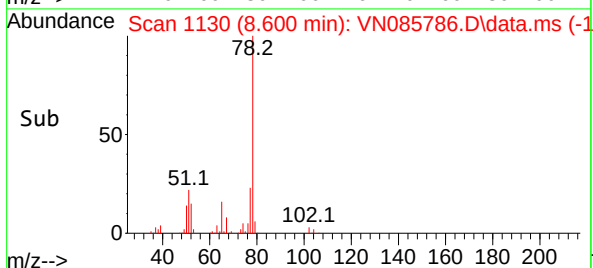
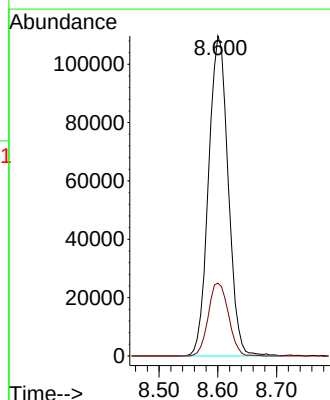
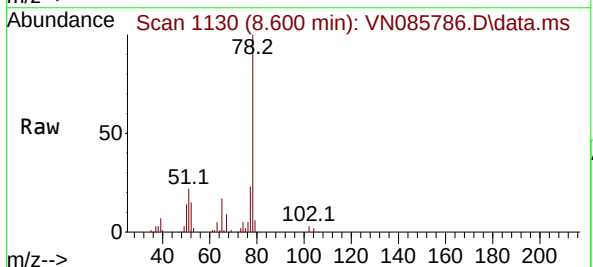
Delta R.T. -0.000 min

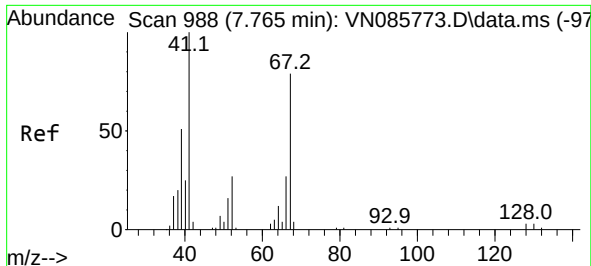
Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Tgt Ion: 78 Resp: 254524

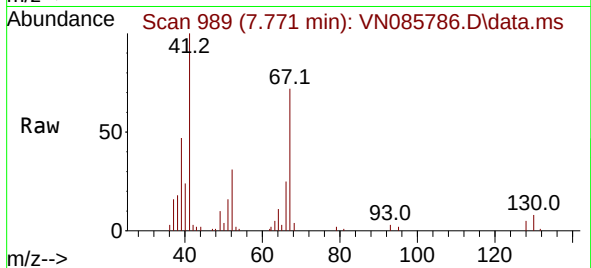
Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.3	27.5





#41
Methacrylonitrile
Concen: 19.644 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

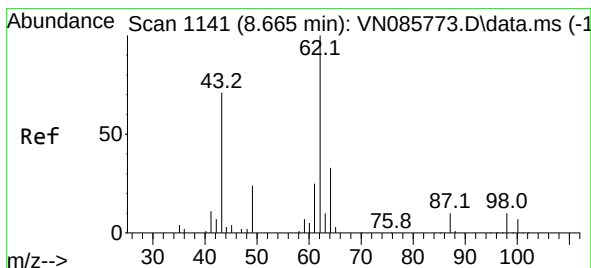
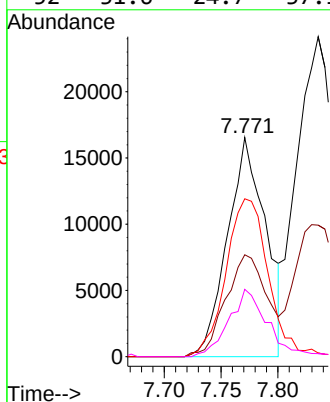
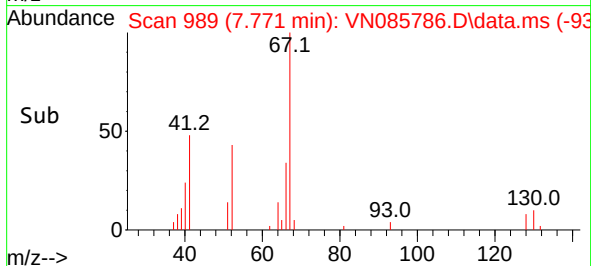
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 41 Resp: 3860
Ion Ratio Lower Upper
41 100
39 50.2 42.0 63.0
67 80.0 64.2 96.4
52 31.6 24.7 37.1

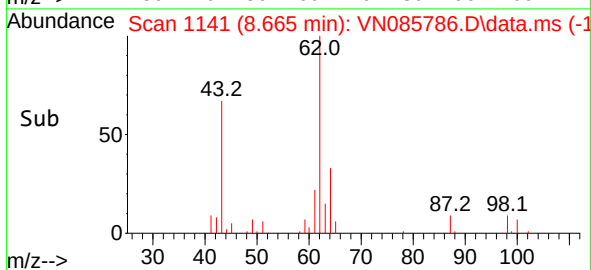
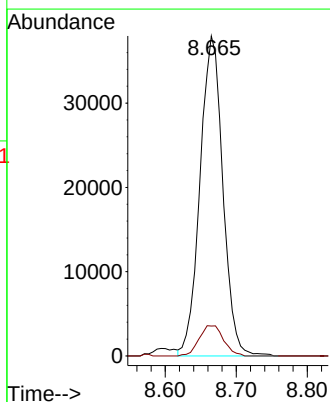
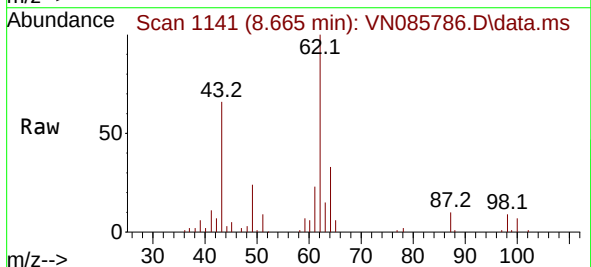
Manual Integrations
APPROVED

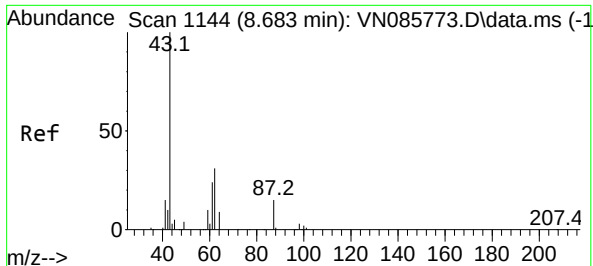
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#42
1,2-Dichloroethane
Concen: 18.234 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

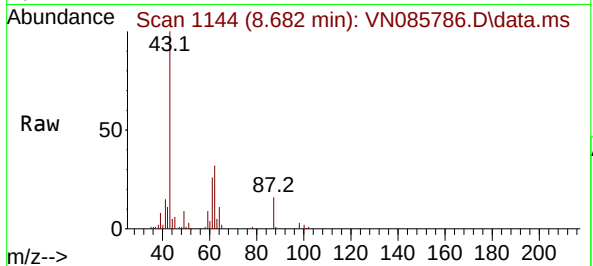
Tgt Ion: 62 Resp: 85033
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.6





#43
Isopropyl Acetate
Concen: 18.120 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

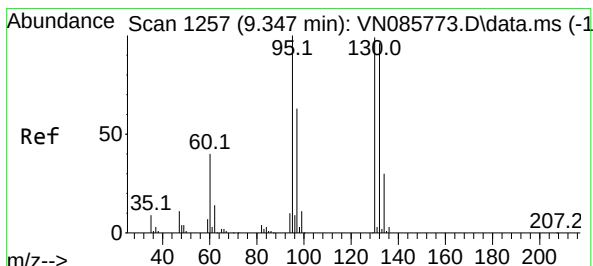
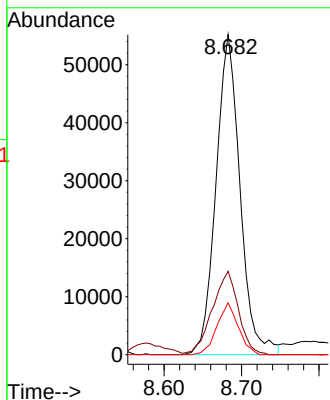
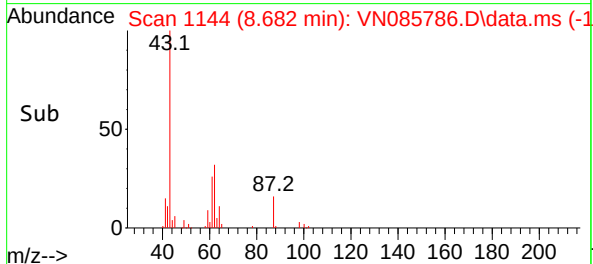
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 43 Resp: 119140
Ion Ratio Lower Upper
43 100
61 28.2 22.6 34.0
87 14.4 11.8 17.8

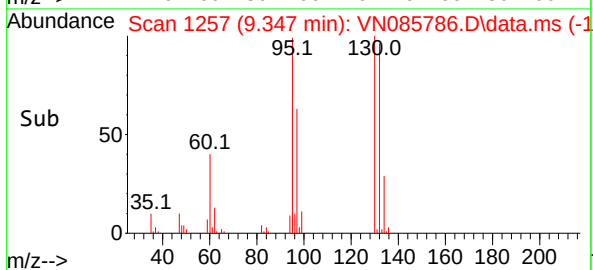
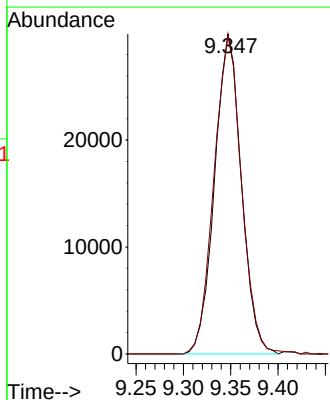
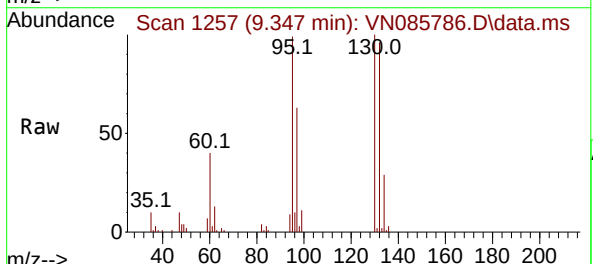
Manual Integrations
APPROVED

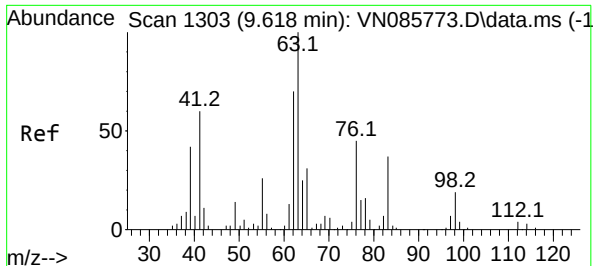
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#44
Trichloroethene
Concen: 16.727 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

Tgt Ion:130 Resp: 58797
Ion Ratio Lower Upper
130 100
95 99.5 0.0 202.6





#45

1,2-Dichloropropane

Concen: 18.123 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBSD01

Tgt Ion: 63 Resp: 62628

Ion Ratio Lower Upper

63 100

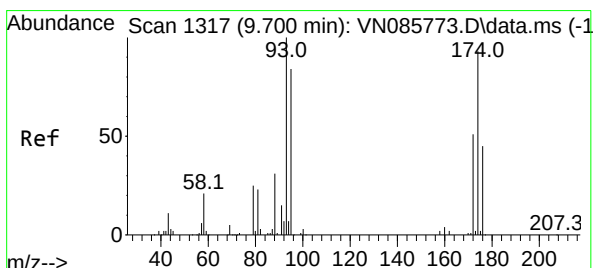
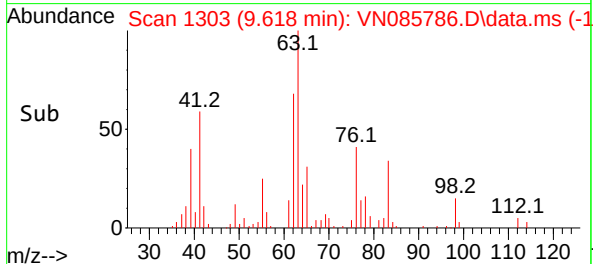
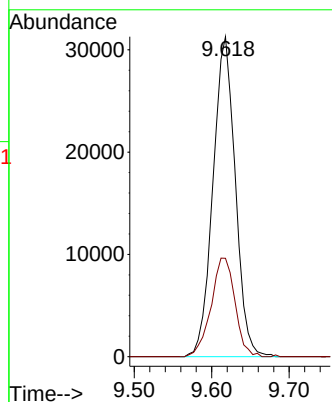
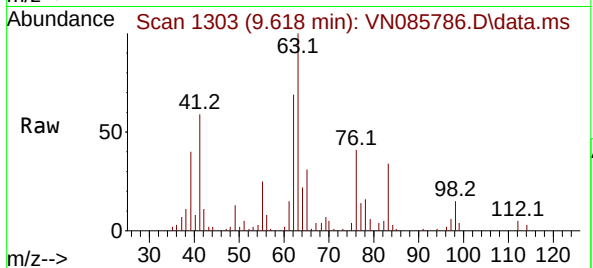
65 30.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#46

Dibromomethane

Concen: 18.140 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

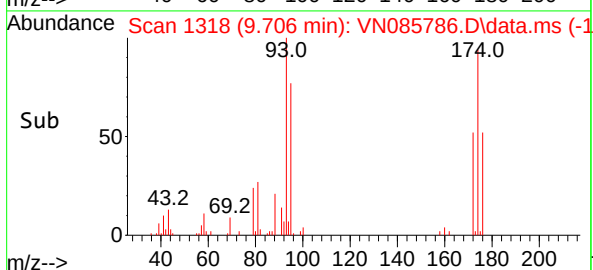
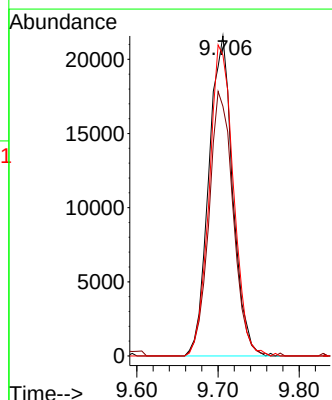
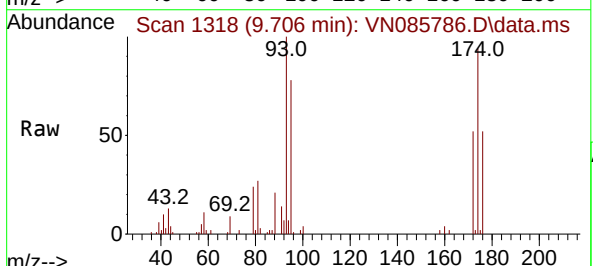
Tgt Ion: 93 Resp: 44217

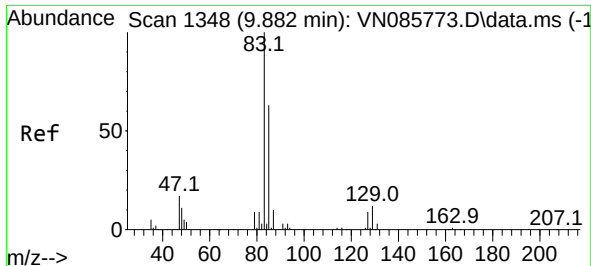
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

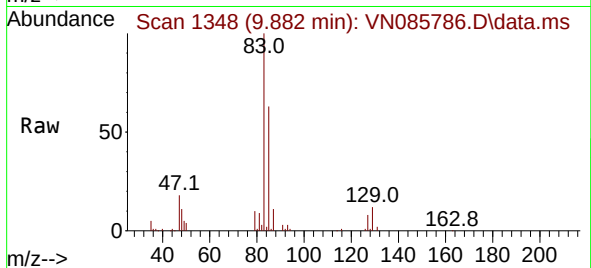
174 98.6 77.2 115.8





#47
Bromodichloromethane
Concen: 18.014 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

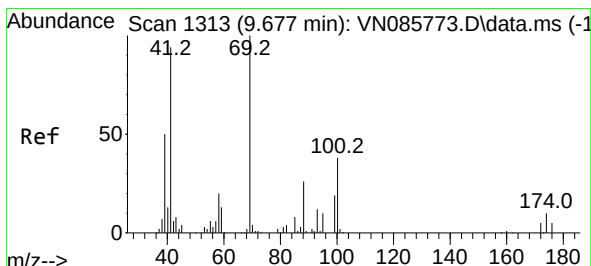
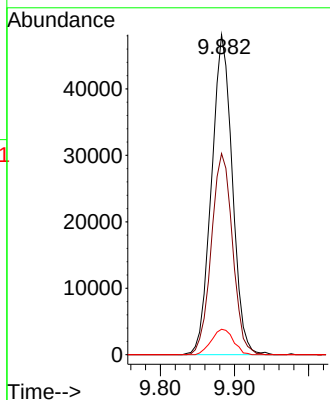
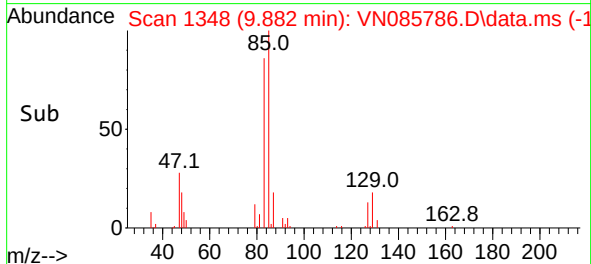
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 83 Resp: 9394
Ion Ratio Lower Upper
83 100
85 62.8 50.5 75.7
127 7.9 7.2 10.8

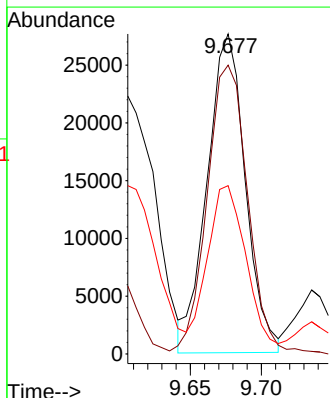
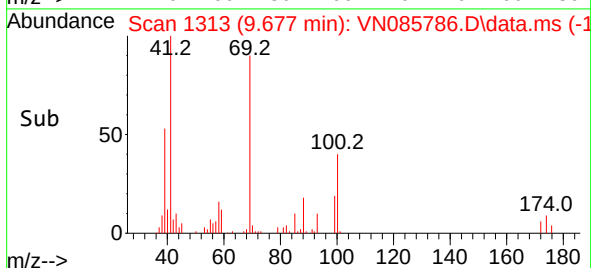
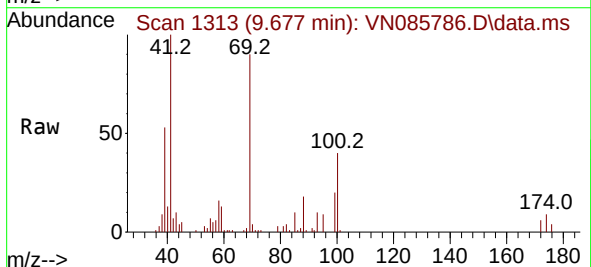
Manual Integrations
APPROVED

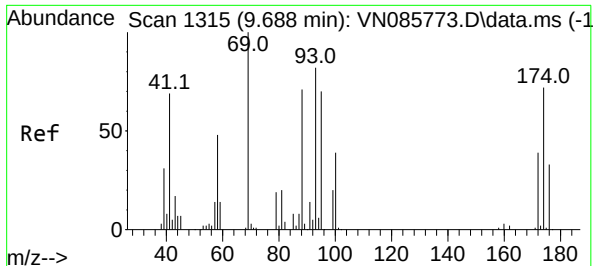
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#48
Methyl methacrylate
Concen: 18.903 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

Tgt Ion: 41 Resp: 51605
Ion Ratio Lower Upper
41 100
69 96.5 76.0 114.0
39 53.7 42.3 63.5





#49

1,4-Dioxane

Concen: 373.170 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBSD01

Tgt Ion: 88 Resp: 1937

Ion Ratio Lower Upper

88 100

43 19.2 18.6 27.8

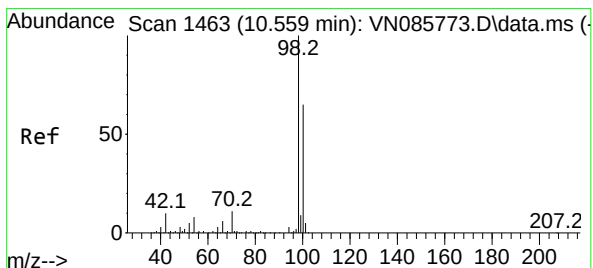
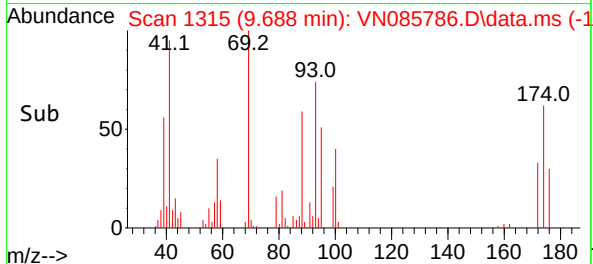
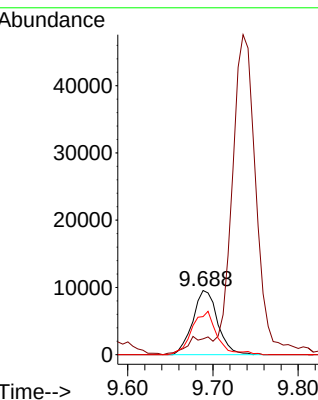
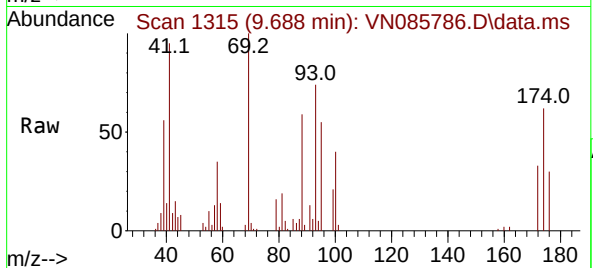
58 67.9 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#50

Toluene-d8

Concen: 55.125 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.000 min

Lab File: VN085786.D

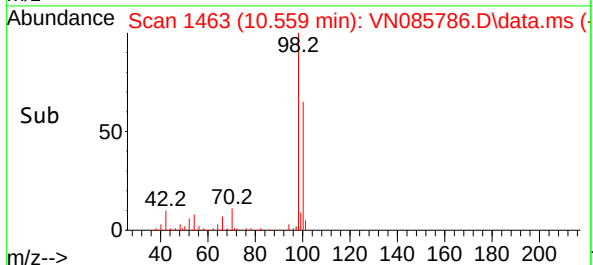
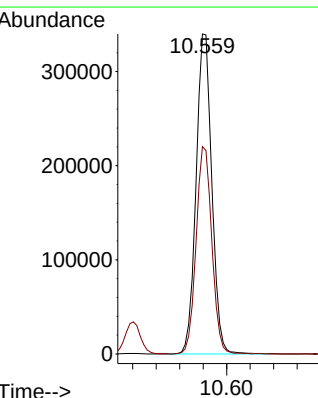
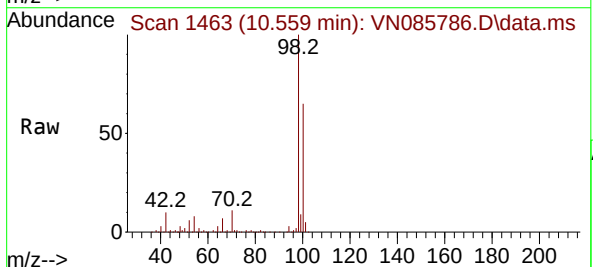
Acq: 19 Feb 2025 13:22

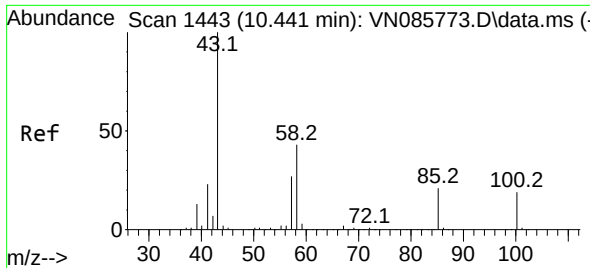
Tgt Ion: 98 Resp: 633017

Ion Ratio Lower Upper

98 100

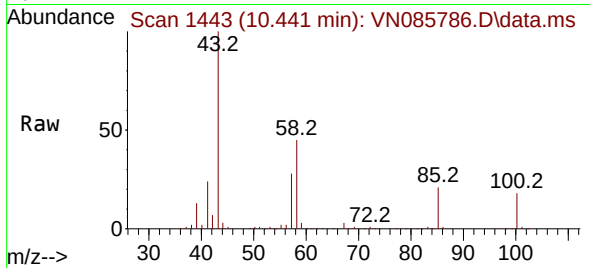
100 64.9 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 96.260 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

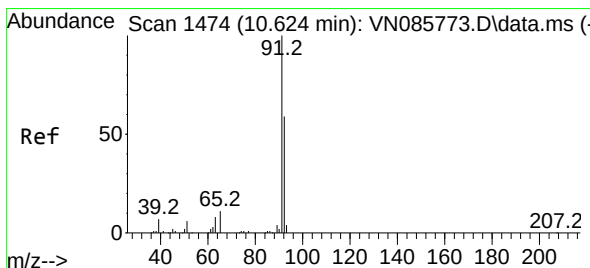
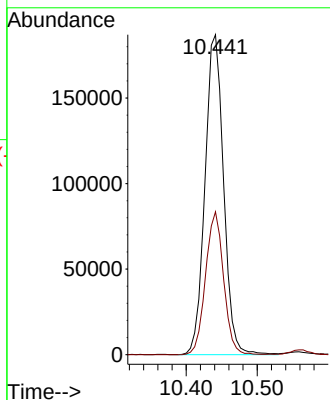
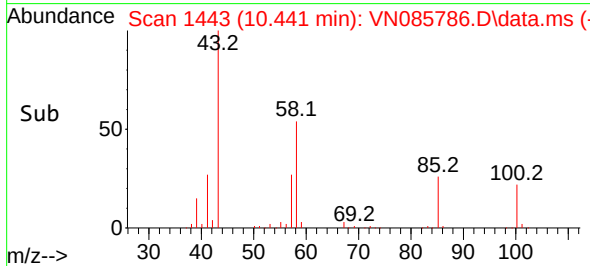
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



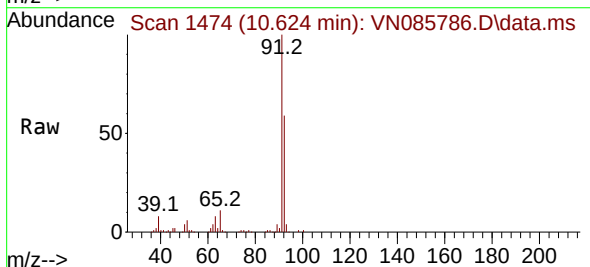
Tgt Ion: 43 Resp: 341162
Ion Ratio Lower Upper
43 100
58 43.2 34.6 52.0

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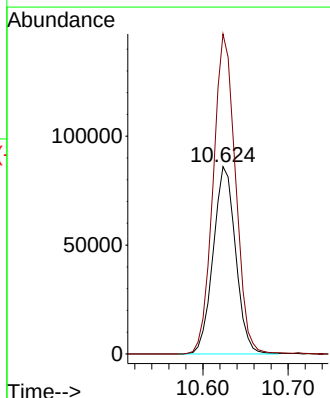
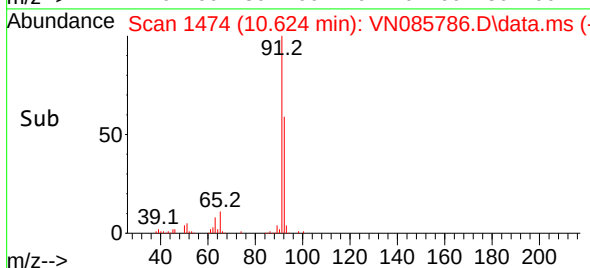
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

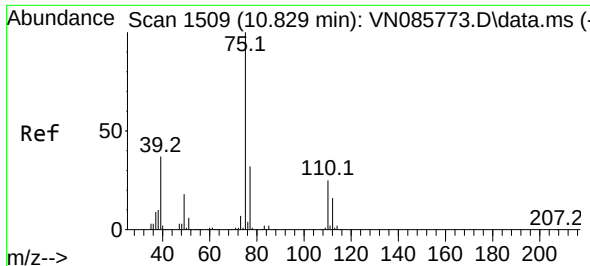


#52
Toluene
Concen: 18.780 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22



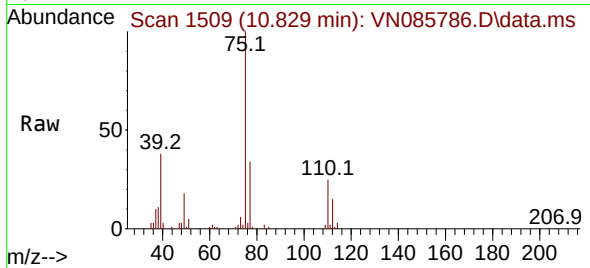
Tgt Ion: 92 Resp: 157605
Ion Ratio Lower Upper
92 100
91 170.3 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 18.698 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

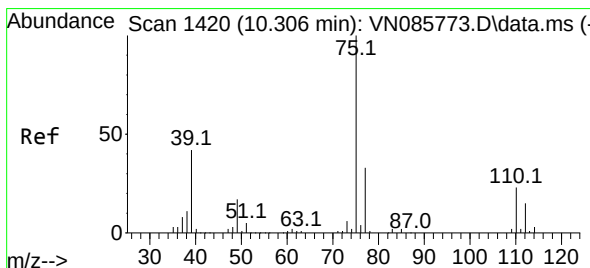
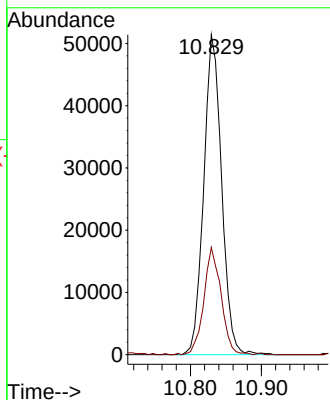
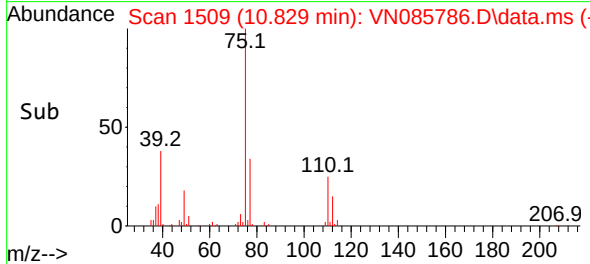
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 75 Resp: 90168
Ion Ratio Lower Upper
75 100
77 33.5 25.4 38.0

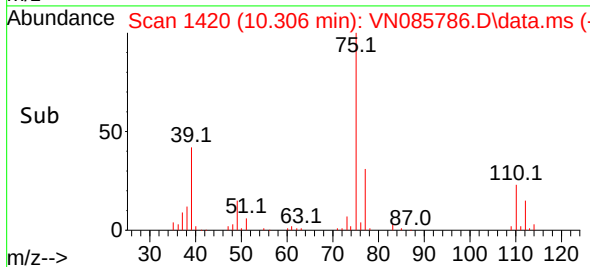
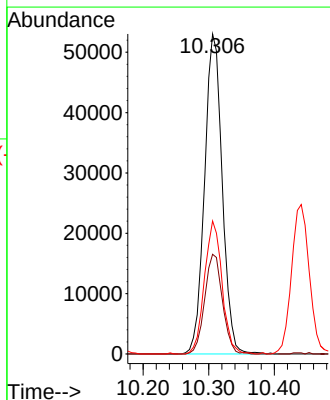
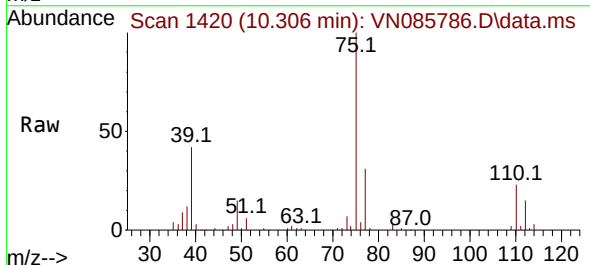
Manual Integrations
APPROVED

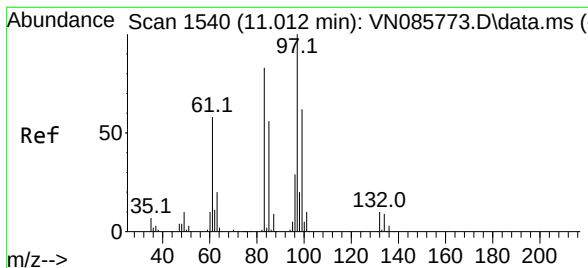
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#54
cis-1,3-Dichloropropene
Concen: 18.825 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

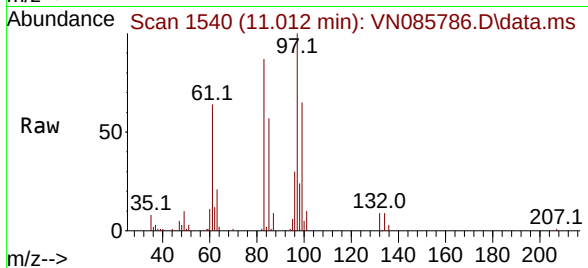
Tgt Ion: 75 Resp: 99549
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 41.5 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 17.898 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

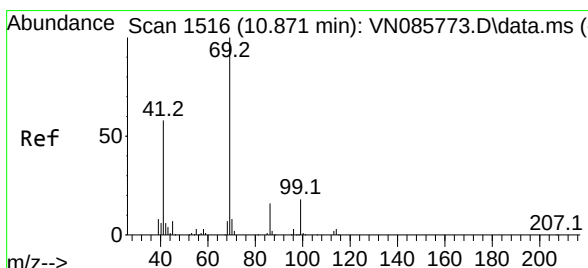
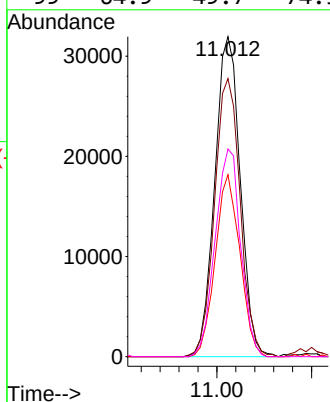
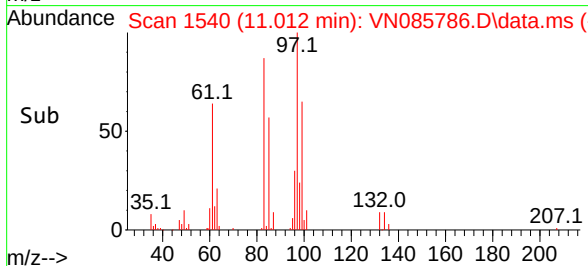
Instrument : MSVOA_N
ClientSampleId : VN0219WBSD01



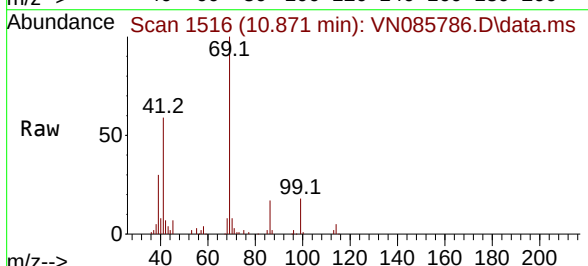
Tgt Ion: 97	Resp: 5972
Ion Ratio	Lower Upper
97 100	
83 86.9	66.1 99.1
85 56.9	44.7 67.1
99 64.9	49.7 74.5

Manual Integrations
APPROVED

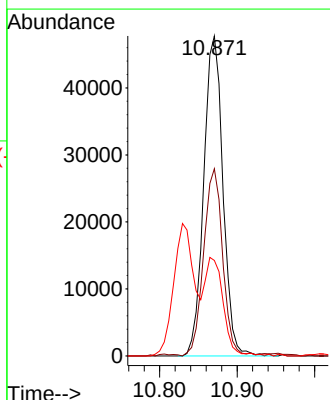
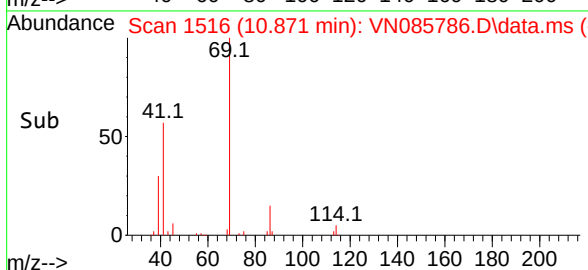
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

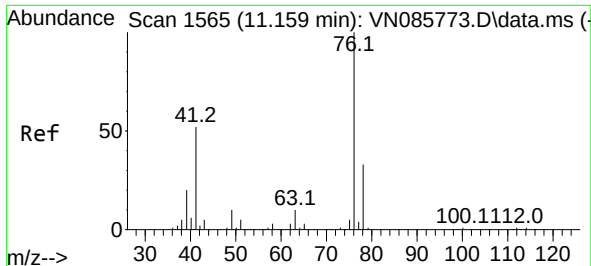


#56
Ethyl methacrylate
Concen: 18.745 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22



Tgt Ion: 69	Resp: 82232
Ion Ratio	Lower Upper
69 100	
41 58.0	46.0 69.0
39 29.2	22.0 33.0





#57

1,3-Dichloropropane

Concen: 18.263 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085786.D

Acq: 19 Feb 2025 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBSD01

Tgt Ion: 76 Resp: 101720

Ion Ratio Lower Upper

76 100

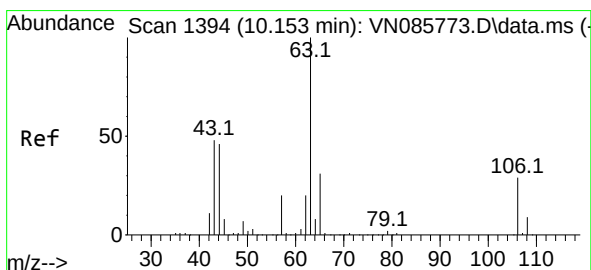
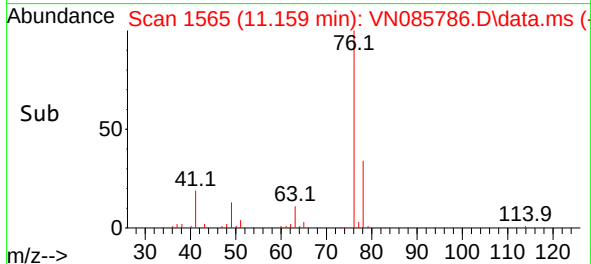
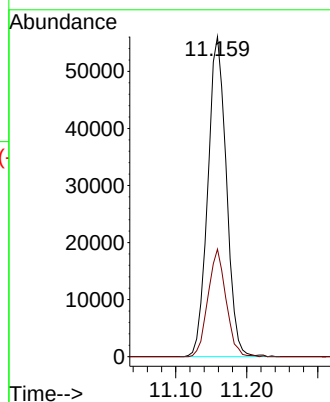
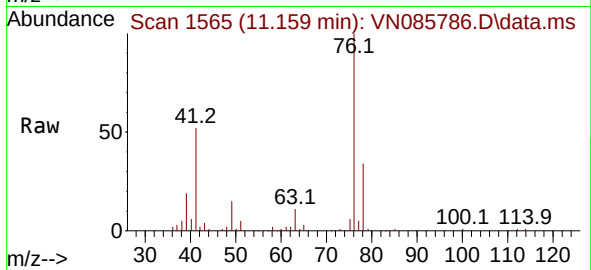
78 32.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 127.372 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VN085786.D

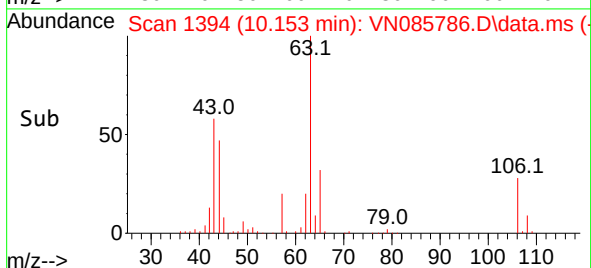
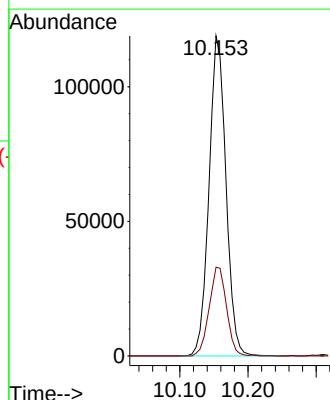
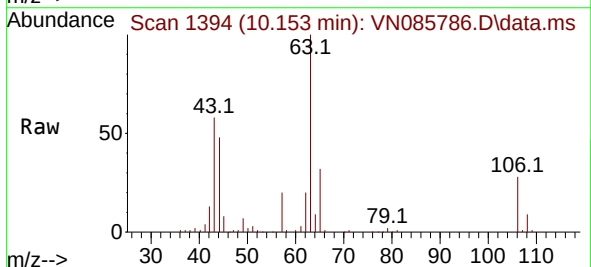
Acq: 19 Feb 2025 13:22

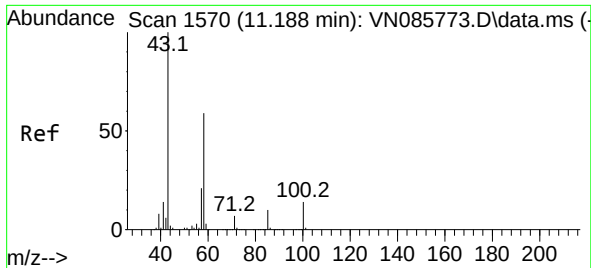
Tgt Ion: 63 Resp: 205579

Ion Ratio Lower Upper

63 100

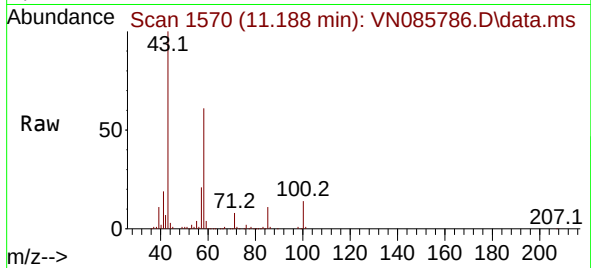
106 28.5 22.7 34.1





#59
2-Hexanone
Concen: 97.555 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

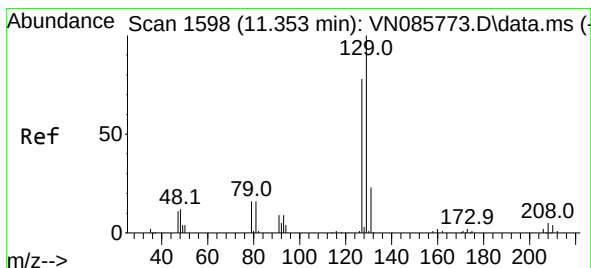
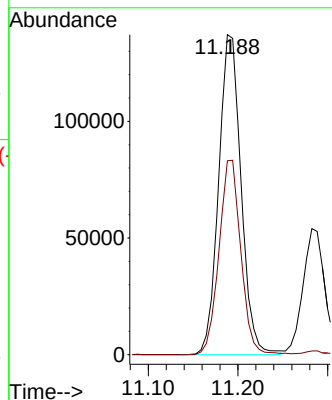
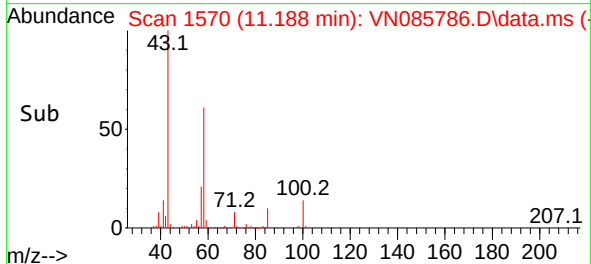
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 43 Resp: 237858
Ion Ratio Lower Upper
43 100
58 59.3 29.8 89.5

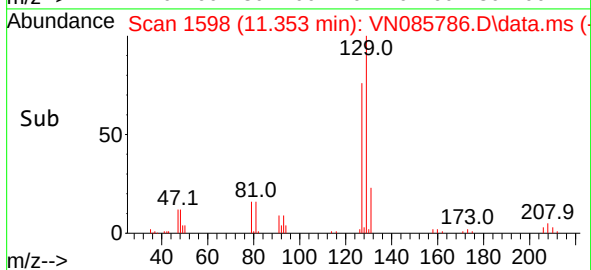
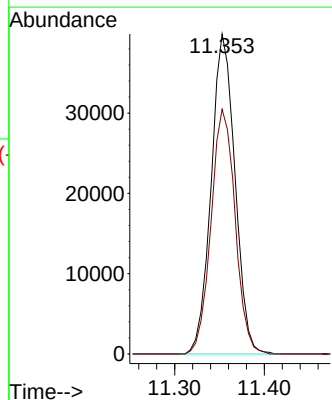
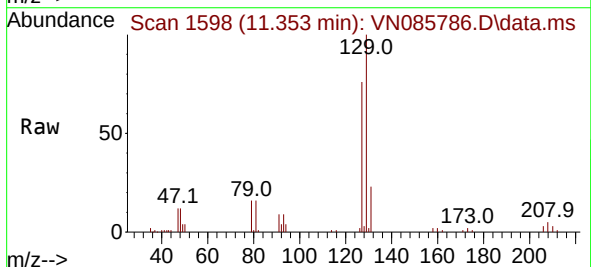
Manual Integrations
APPROVED

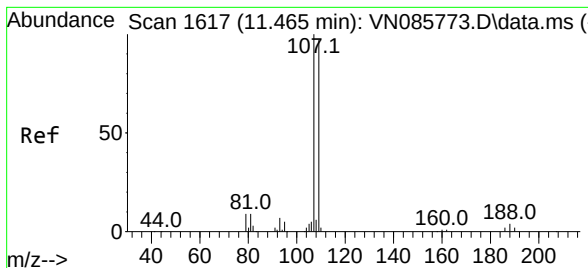
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#60
Dibromochloromethane
Concen: 18.852 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

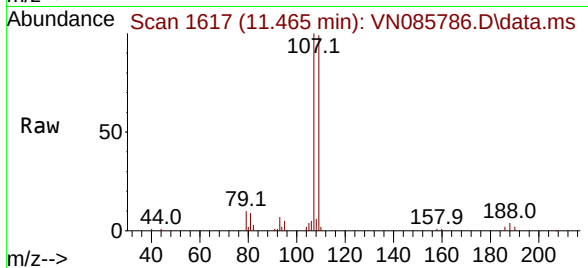
Tgt Ion:129 Resp: 73246
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.5





#61
1,2-Dibromoethane
Concen: 18.511 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

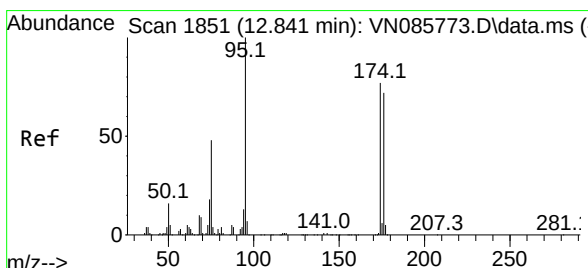
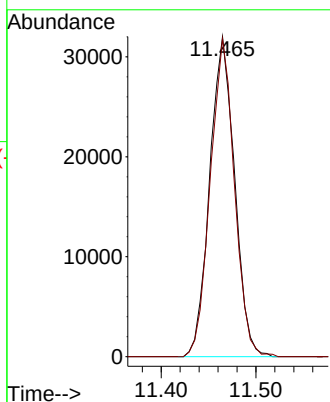
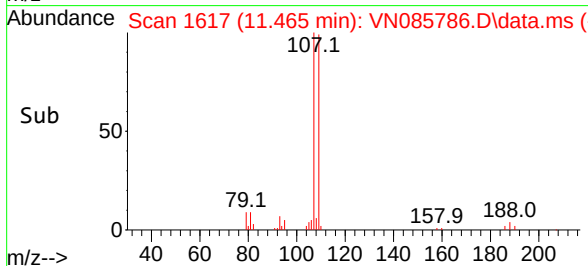
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



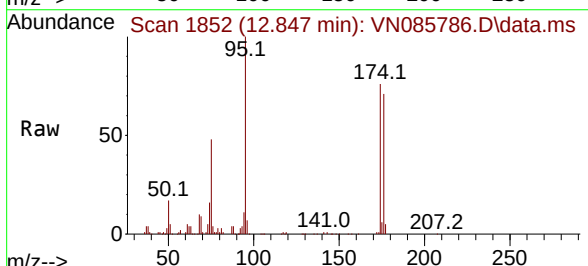
Tgt Ion:107 Resp: 58358
Ion Ratio Lower Upper
107 100
109 96.6 76.0 114.0

Manual Integrations
APPROVED

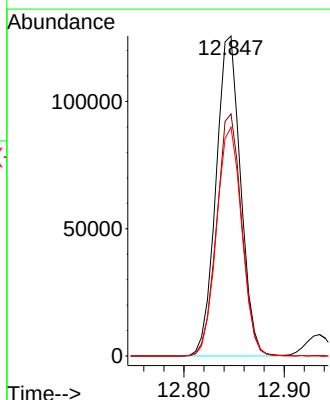
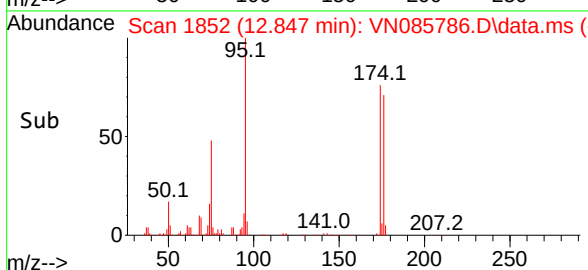
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

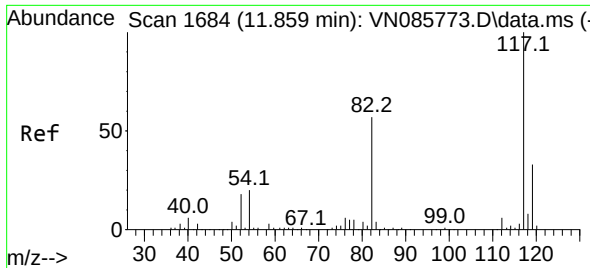


#62
4-Bromofluorobenzene
Concen: 56.623 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22



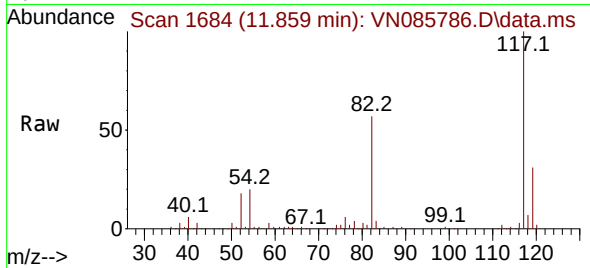
Tgt Ion: 95 Resp: 214234
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.4
176 73.3 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

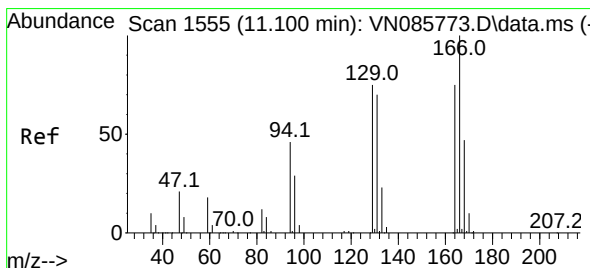
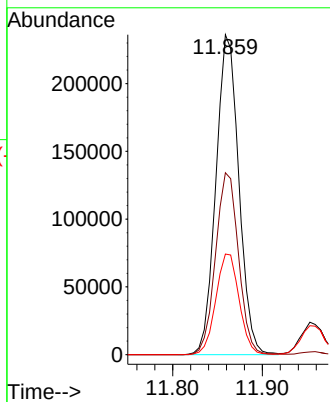
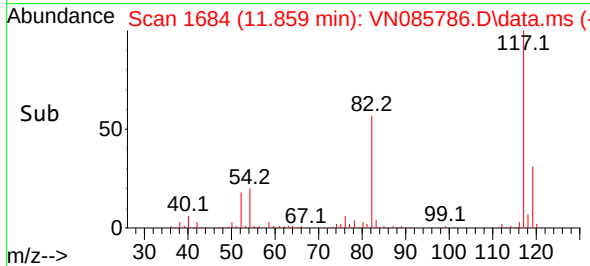
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion:117 Resp: 41909
Ion Ratio Lower Upper
117 100
82 56.9 45.7 68.5
119 31.4 26.2 39.2

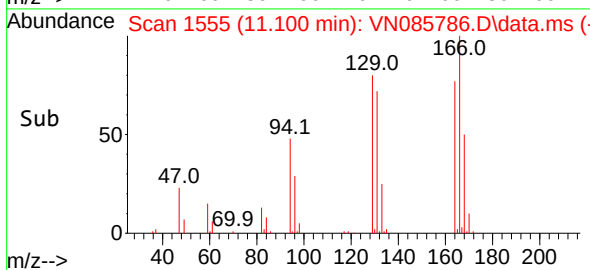
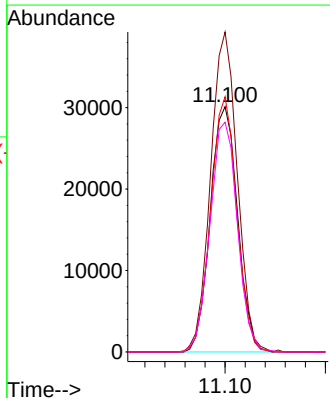
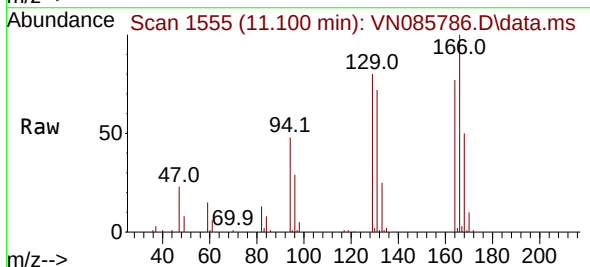
Manual Integrations
APPROVED

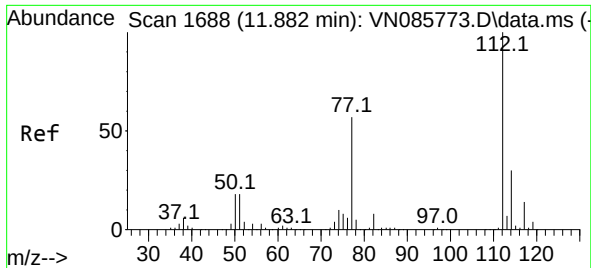
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#64
Tetrachloroethene
Concen: 17.523 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

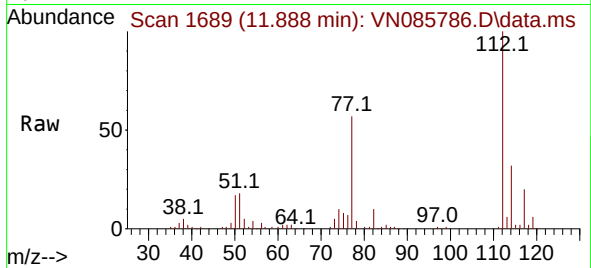
Tgt Ion:164 Resp: 56894
Ion Ratio Lower Upper
164 100
166 130.5 107.2 160.8
129 104.1 80.7 121.1
131 93.7 74.6 112.0





#65
Chlorobenzene
Concen: 17.490 ug/l
RT: 11.888 min Scan# 1188
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

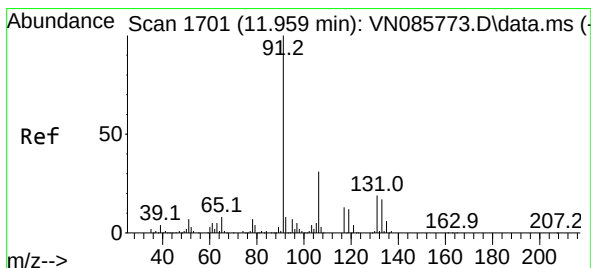
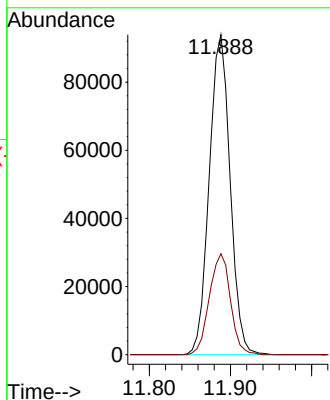
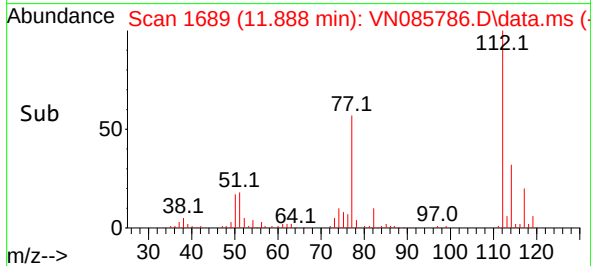
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



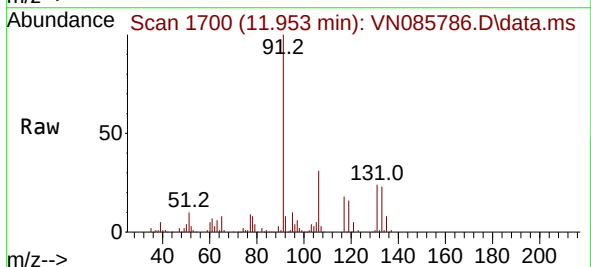
Tgt Ion:112 Resp: 167918
Ion Ratio Lower Upper
112 100
114 31.6 24.3 36.5

Manual Integrations
APPROVED

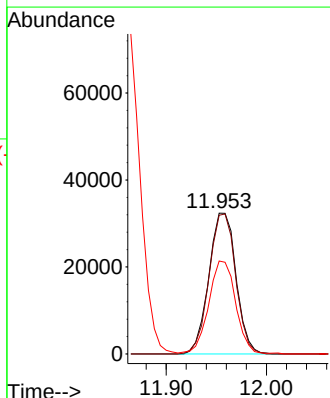
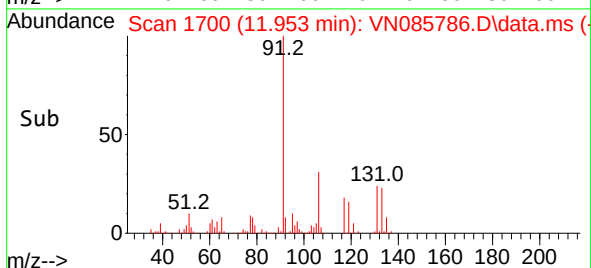
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

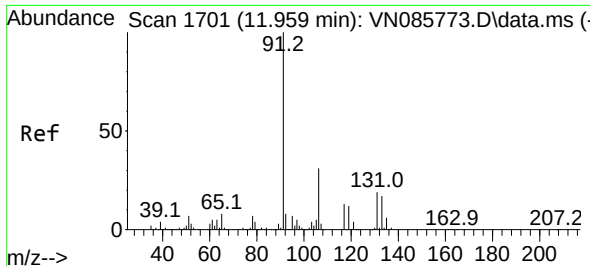


#66
1,1,1,2-Tetrachloroethane
Concen: 17.714 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22



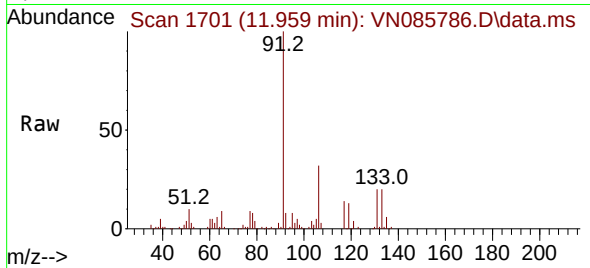
Tgt Ion:131 Resp: 61128
Ion Ratio Lower Upper
131 100
133 96.9 47.7 143.1
119 65.5 33.3 99.8





#67
Ethyl Benzene
Concen: 17.926 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

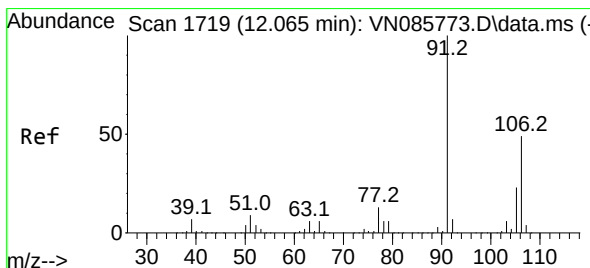
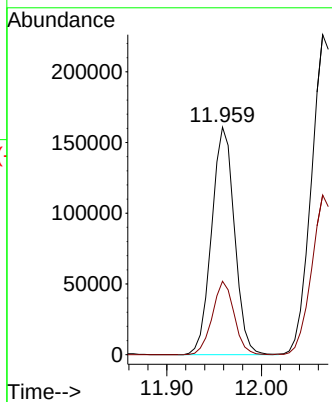
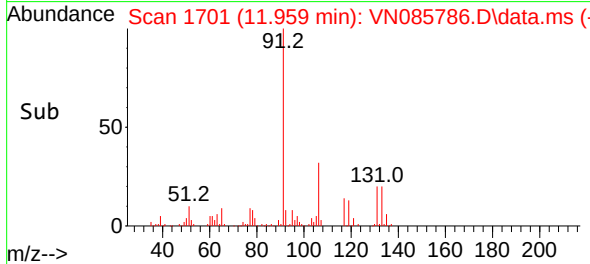
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 91 Resp: 26959
Ion Ratio Lower Upper
91 100
106 32.3 24.7 37.1

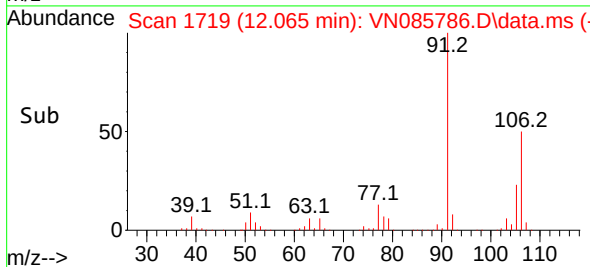
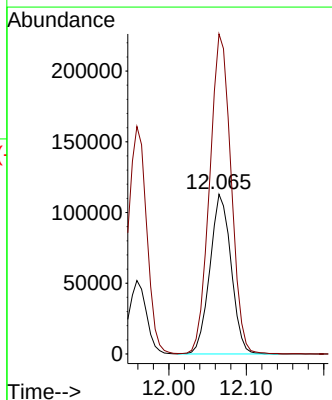
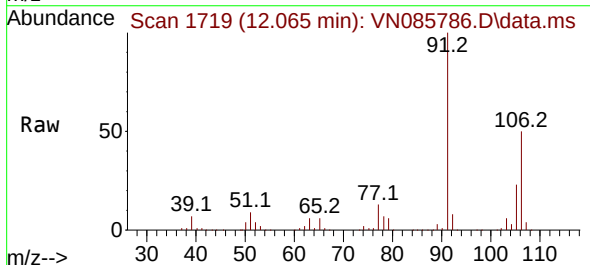
Manual Integrations
APPROVED

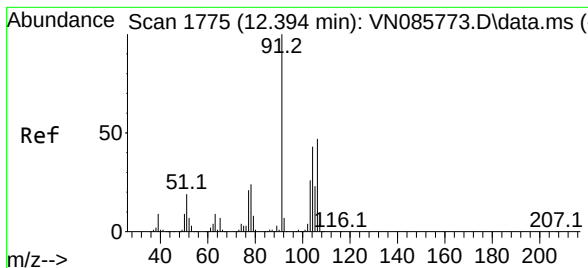
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#68
m/p-Xylenes
Concen: 37.576 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

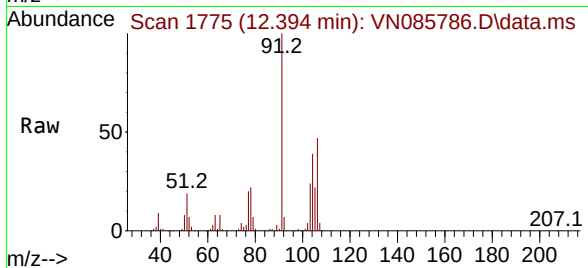
Tgt Ion:106 Resp: 214661
Ion Ratio Lower Upper
106 100
91 201.9 163.3 244.9





#69
o-Xylene
Concen: 18.543 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

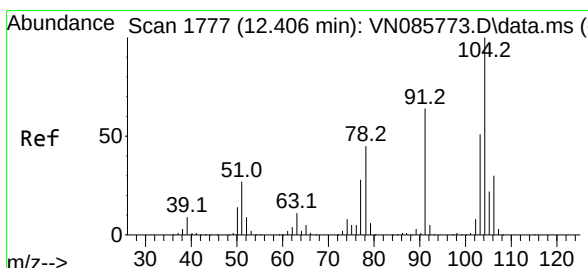
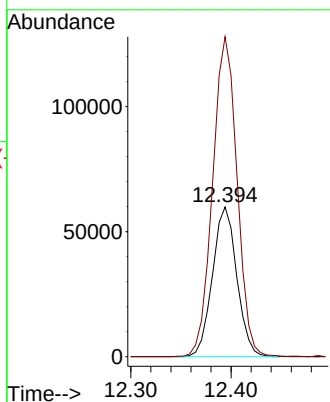
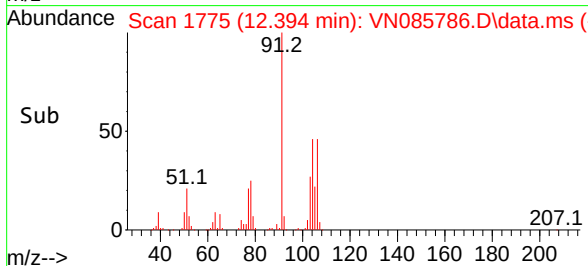
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion:106 Resp: 100658
Ion Ratio Lower Upper
106 100
91 215.0 107.1 321.4

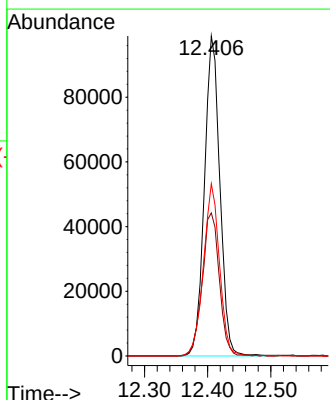
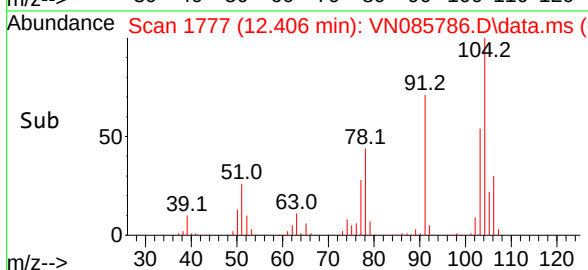
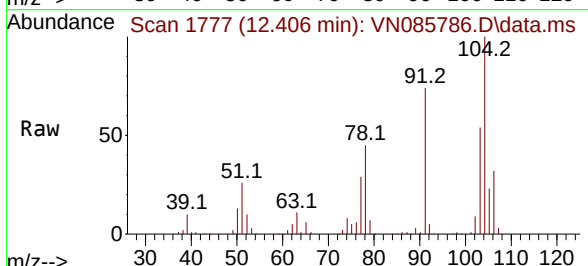
Manual Integrations
APPROVED

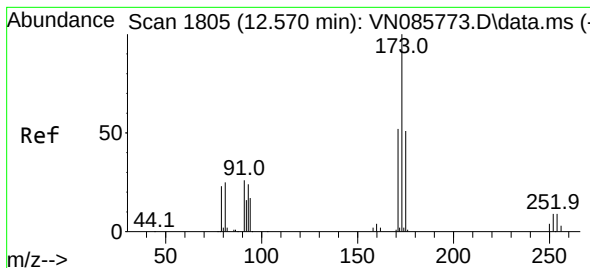
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#70
Styrene
Concen: 18.098 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

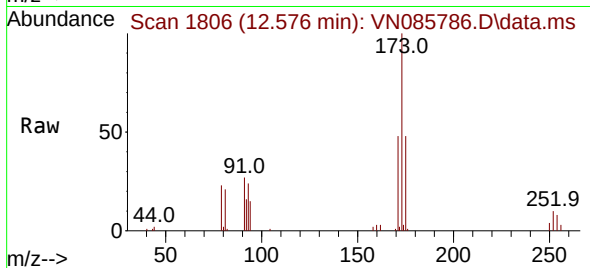
Tgt Ion:104 Resp: 168188
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.6
103 55.7 43.3 64.9





#71
Bromoform
Concen: 18.466 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

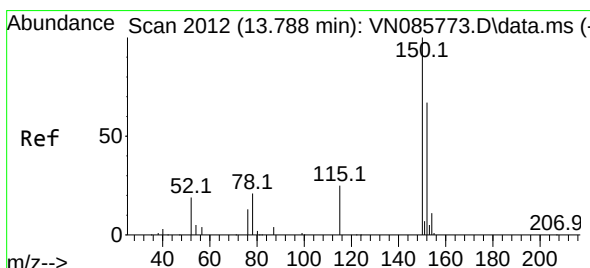
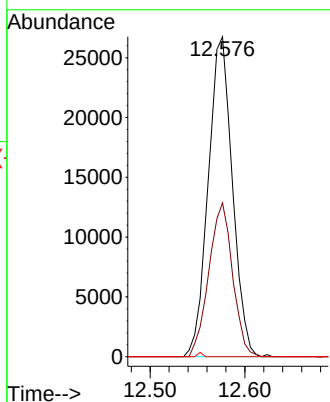
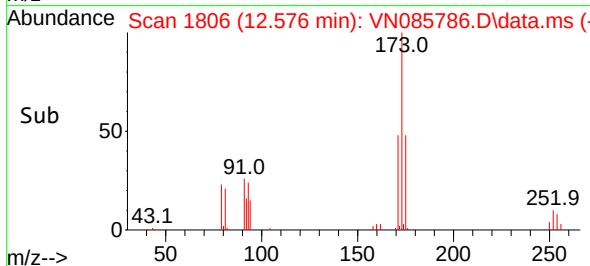
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



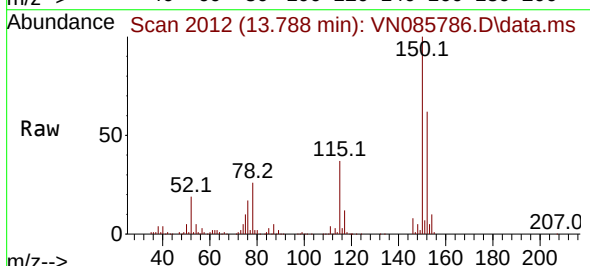
Tgt Ion:173 Resp: 4735
Ion Ratio Lower Upper
173 100
175 47.2 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

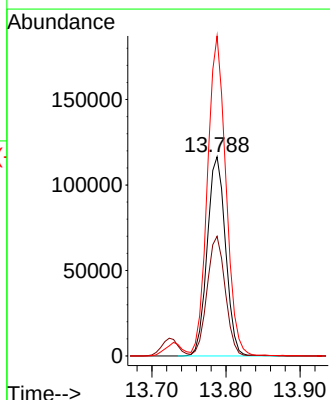
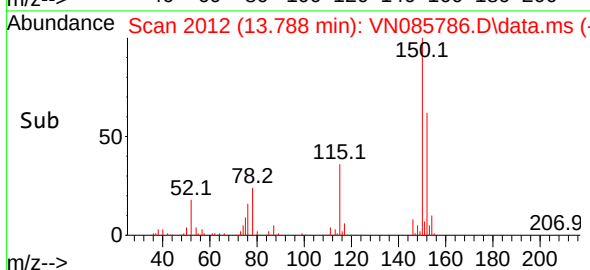
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

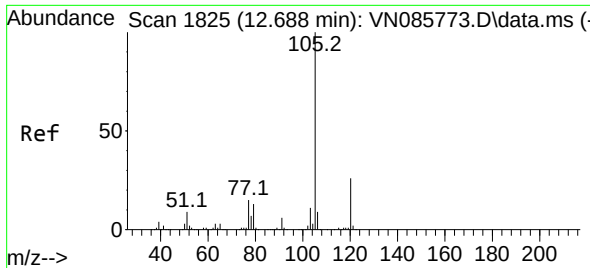


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22



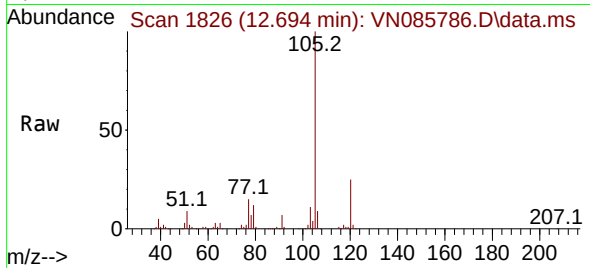
Tgt Ion:152 Resp: 199880
Ion Ratio Lower Upper
152 100
115 59.2 30.4 91.3
150 162.3 0.0 345.4





#73
Isopropylbenzene
Concen: 18.142 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

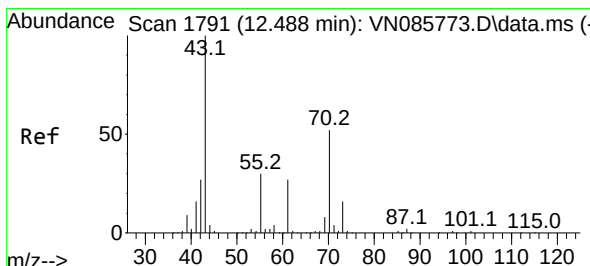
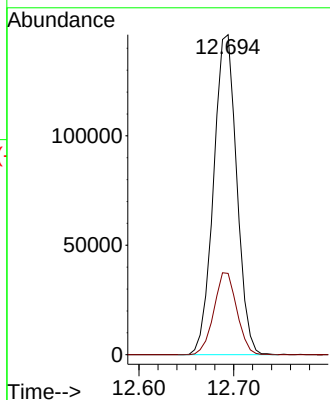
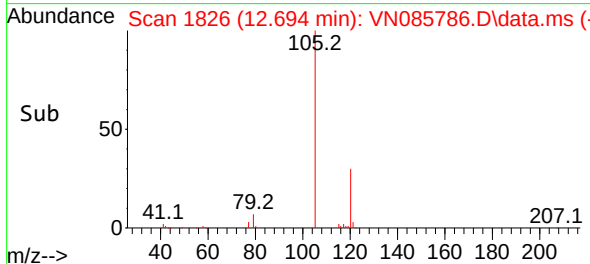
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion:105 Resp: 248434
Ion Ratio Lower Upper
105 100
120 25.4 13.0 39.0

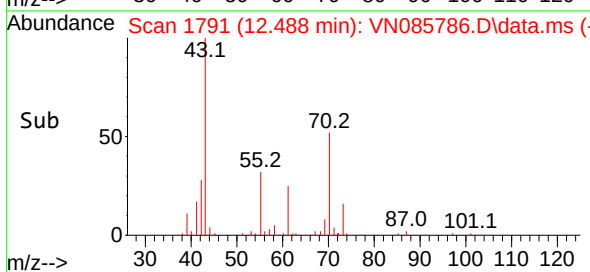
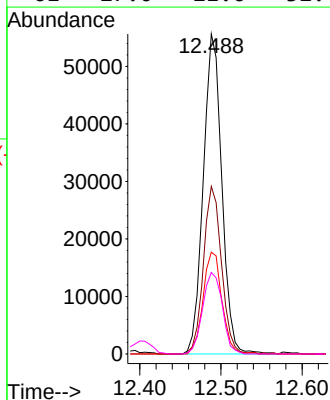
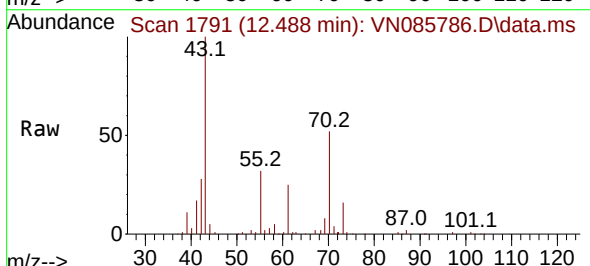
Manual Integrations
APPROVED

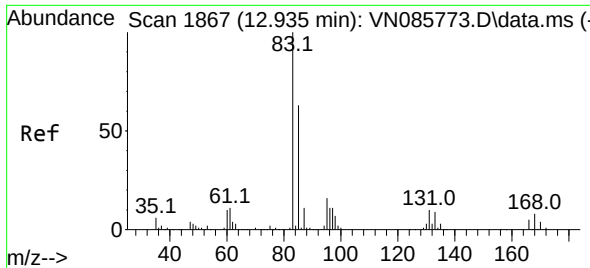
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#74
N-ethyl acetate
Concen: 18.254 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

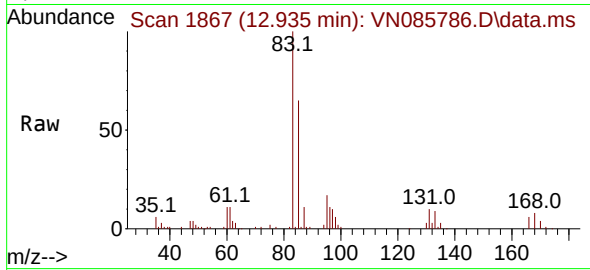
Tgt Ion: 43 Resp: 88150
Ion Ratio Lower Upper
43 100
70 51.0 41.0 61.4
55 32.4 24.6 36.8
61 27.0 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 17.575 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

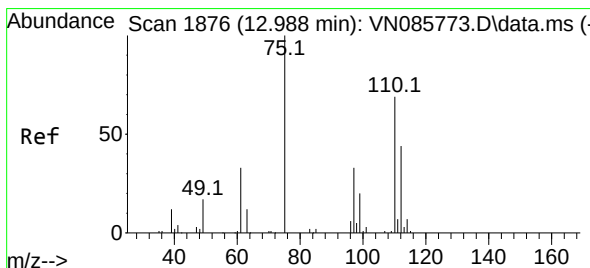
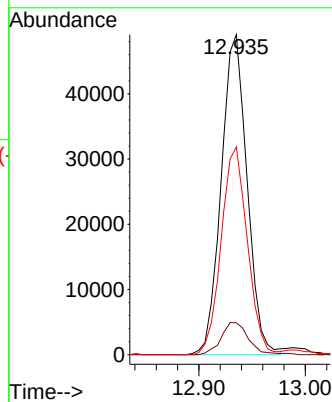
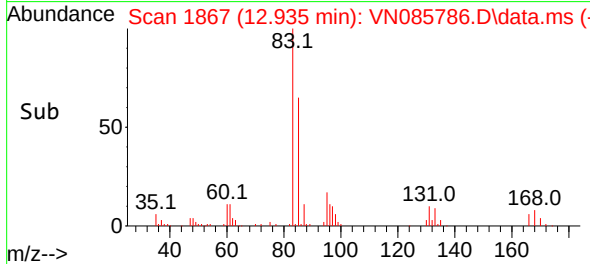
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 83 Resp: 82814
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 65.7 32.2 96.6

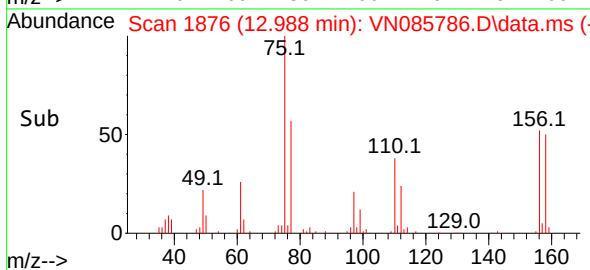
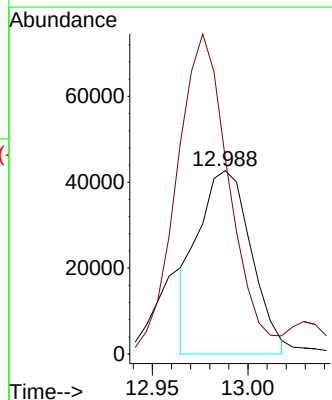
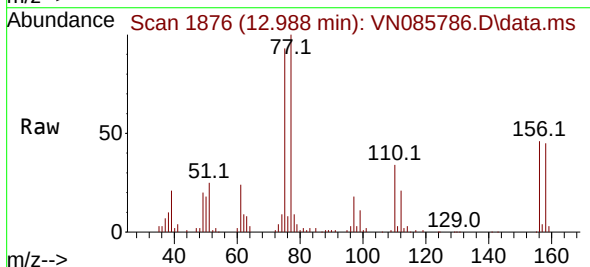
Manual Integrations
APPROVED

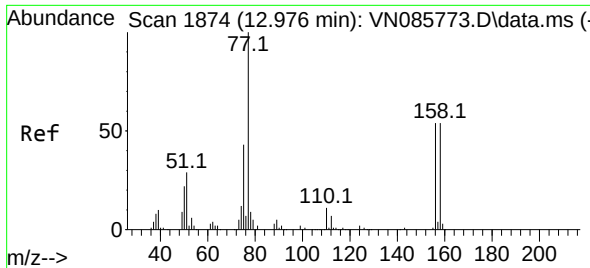
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#76
1,2,3-Trichloropropane
Concen: 18.580 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

Tgt Ion: 75 Resp: 82494
Ion Ratio Lower Upper
75 100
77 174.3 100.0 300.0





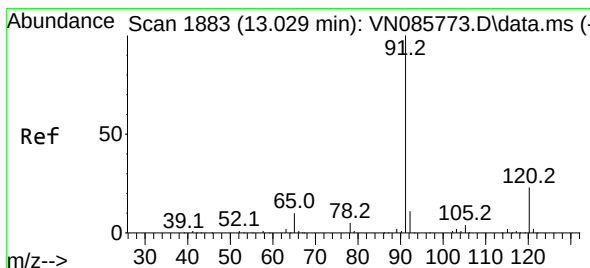
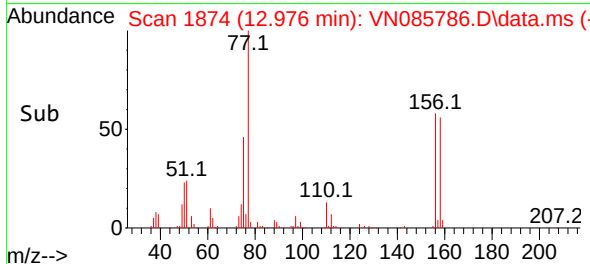
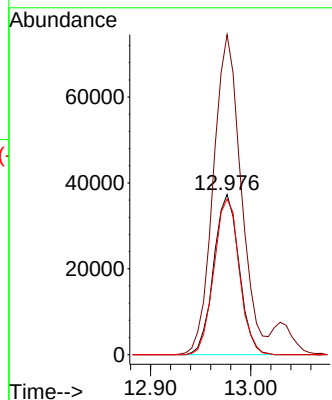
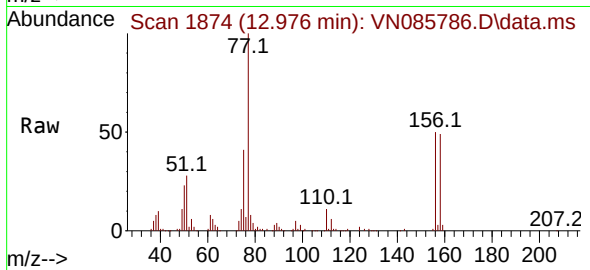
#77
Bromobenzene
Concen: 17.708 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01

Tgt Ion:156 Resp: 6551
Ion Ratio Lower Upper
156 100
77 219.4 104.1 312.3
158 97.0 48.1 144.4

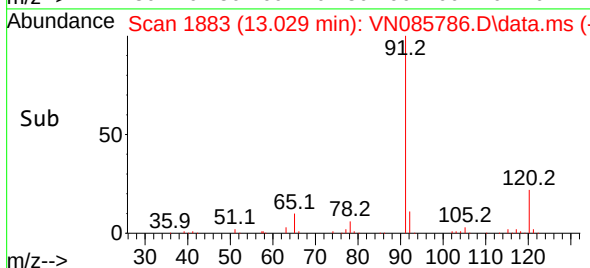
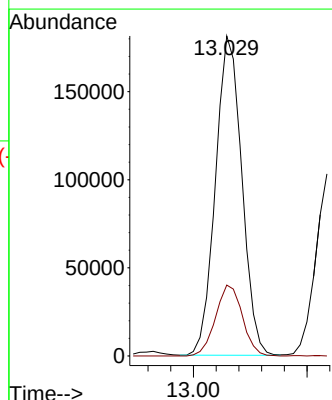
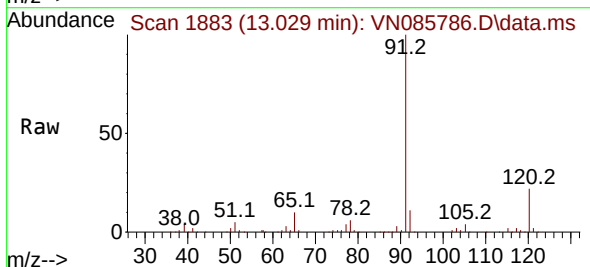
Manual Integrations
APPROVED

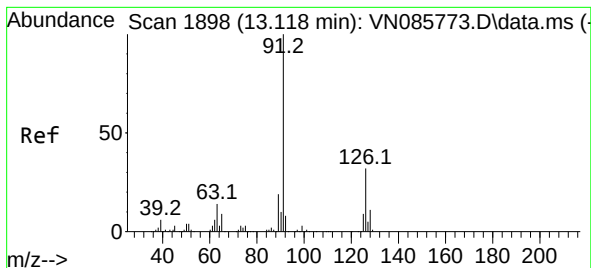
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#78
n-propylbenzene
Concen: 18.627 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

Tgt Ion: 91 Resp: 292124
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8





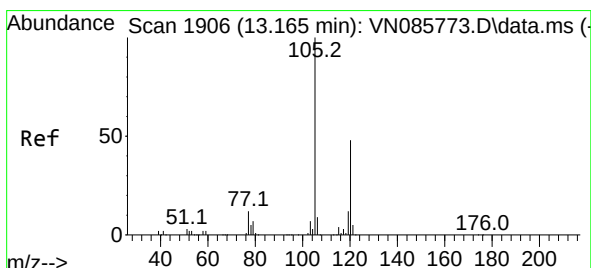
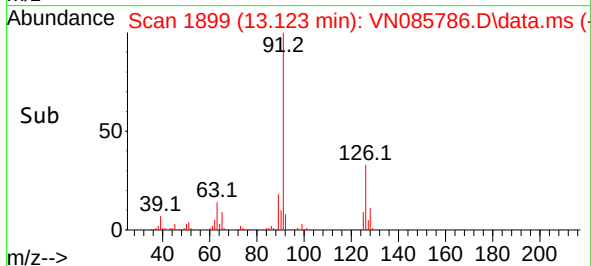
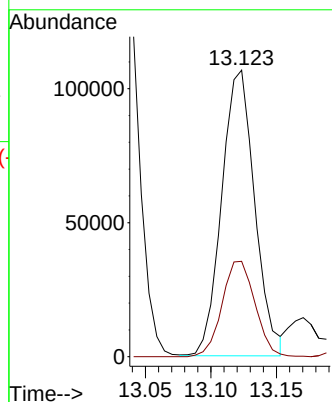
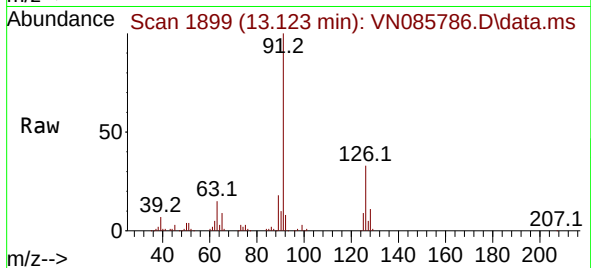
#79
2-Chlorotoluene
Concen: 17.830 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01

Tgt Ion: 91 Resp: 186830
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.1

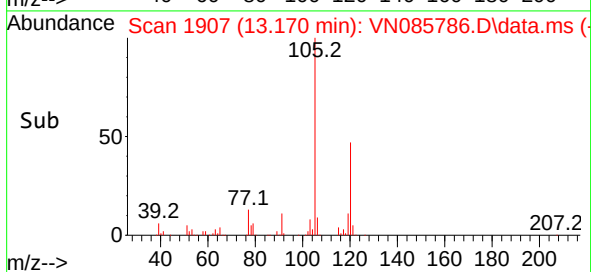
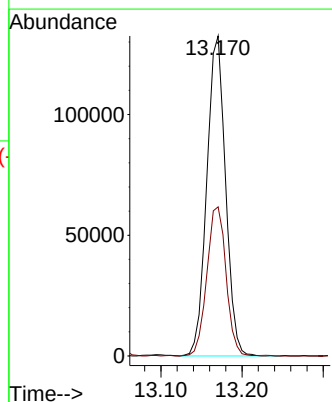
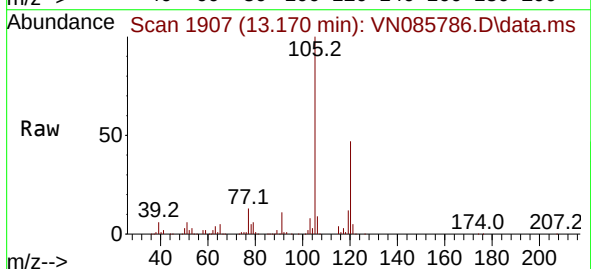
Manual Integrations
APPROVED

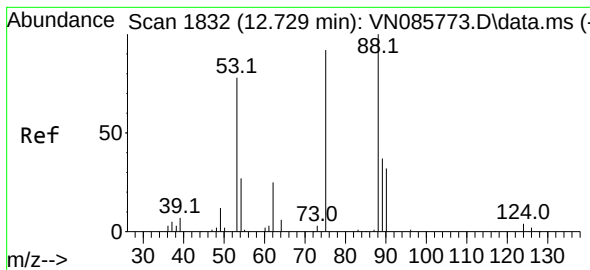
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.030 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

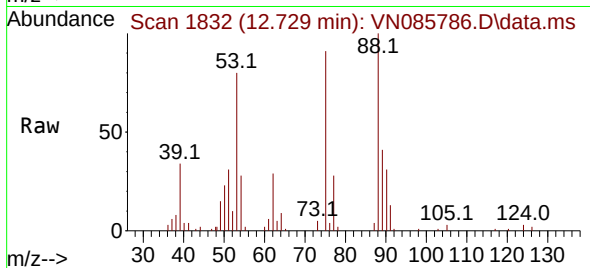
Tgt Ion:105 Resp: 212280
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 18.103 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

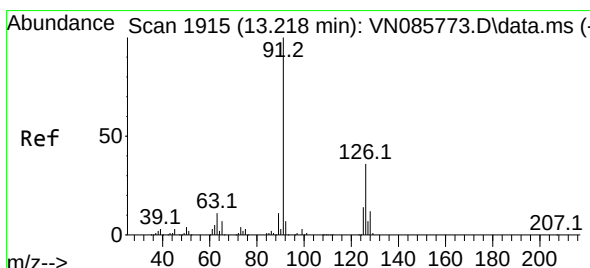
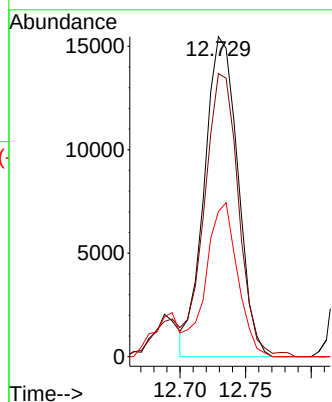
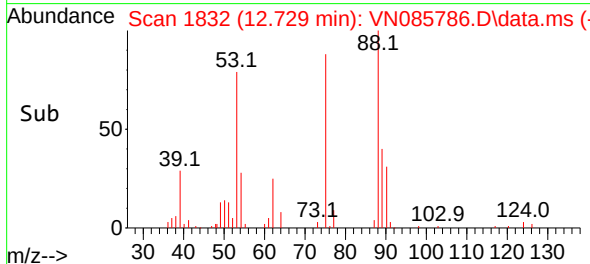
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



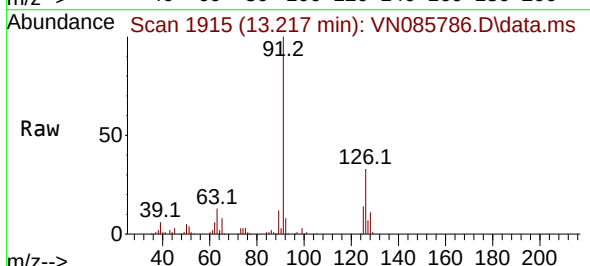
Tgt Ion: 75 Resp: 27548
Ion Ratio Lower Upper
75 100
53 99.6 74.2 111.4
89 44.1 34.9 52.3

Manual Integrations
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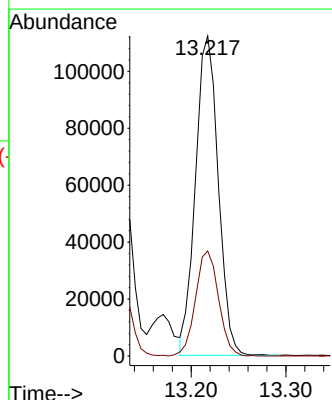
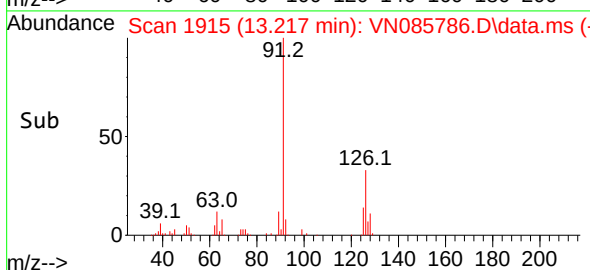
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

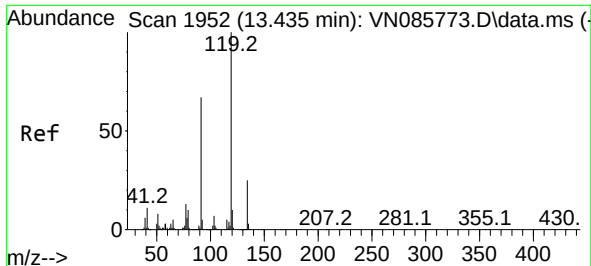


#82
4-Chlorotoluene
Concen: 18.067 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22



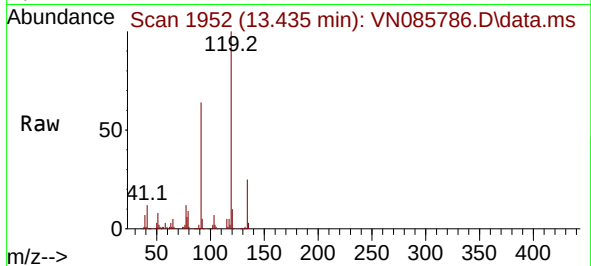
Tgt Ion: 91 Resp: 187674
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 18.340 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085786.D
 Acq: 19 Feb 2025 13:22

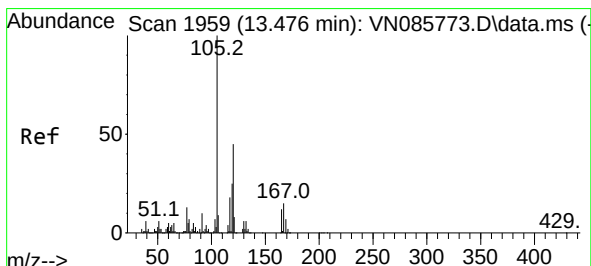
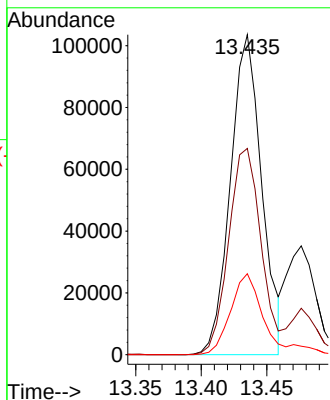
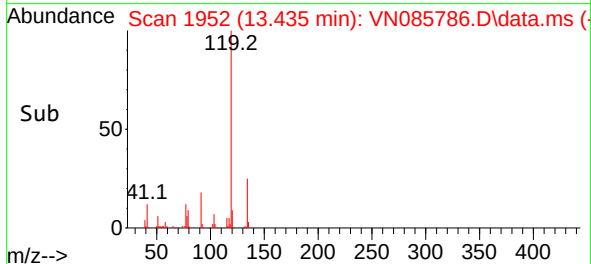
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBSD01



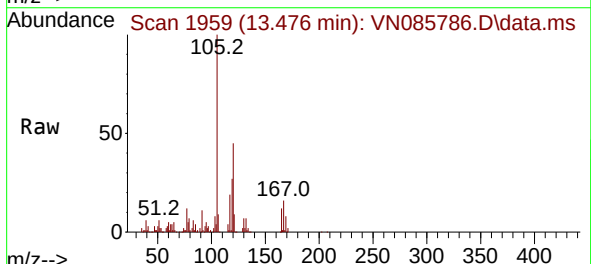
Tgt Ion:119 Resp: 172030
 Ion Ratio Lower Upper
 119 100
 91 66.4 32.5 97.5
 134 27.4 13.3 39.9

Manual Integrations
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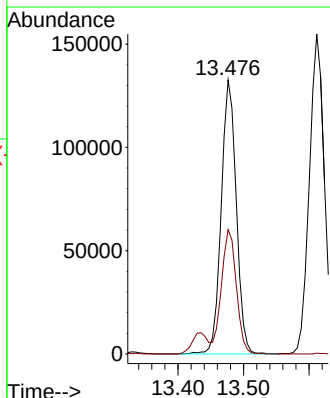
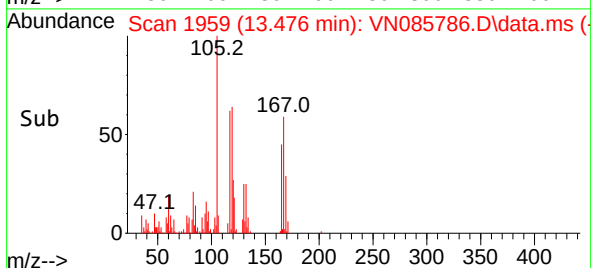
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025

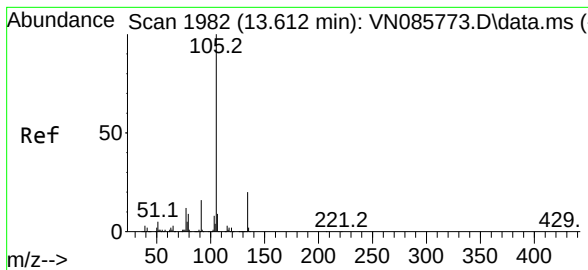


#84
 1,2,4-Trimethylbenzene
 Concen: 19.064 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN085786.D
 Acq: 19 Feb 2025 13:22



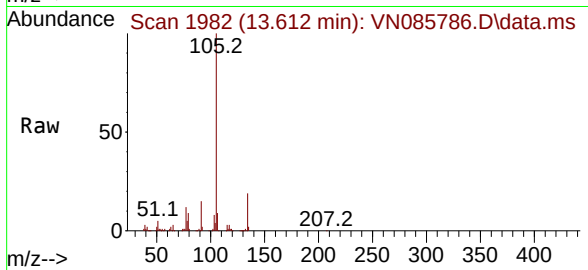
Tgt Ion:105 Resp: 210395
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 18.524 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085786.D
 Acq: 19 Feb 2025 13:22

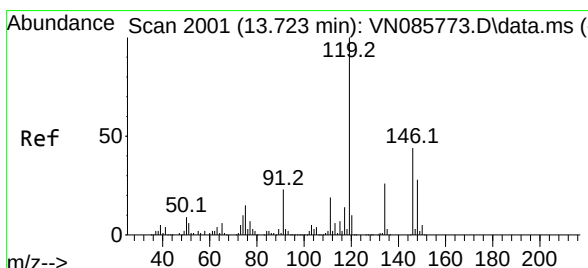
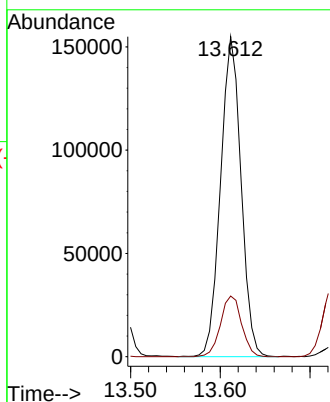
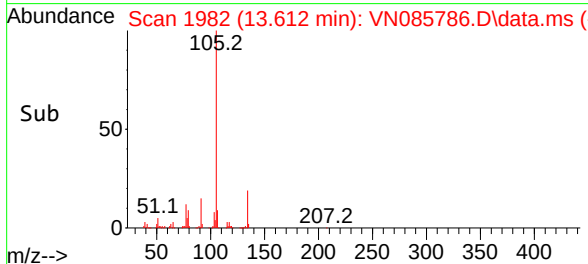
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBSD01



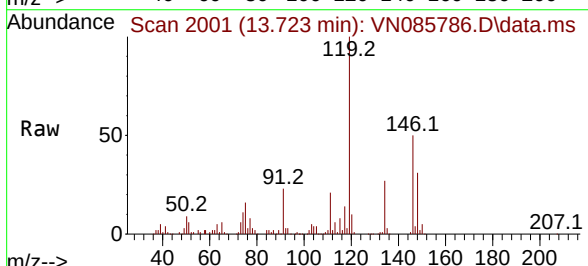
Tgt Ion:105 Resp: 24550
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

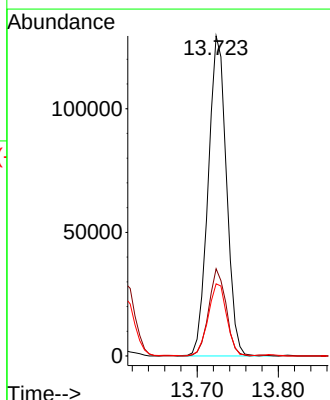
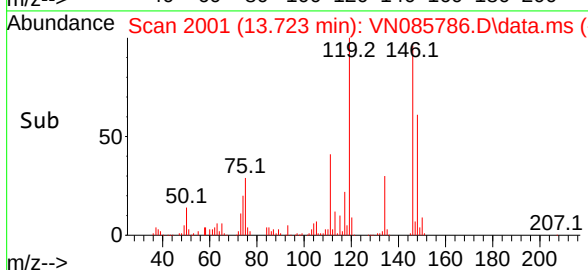
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025

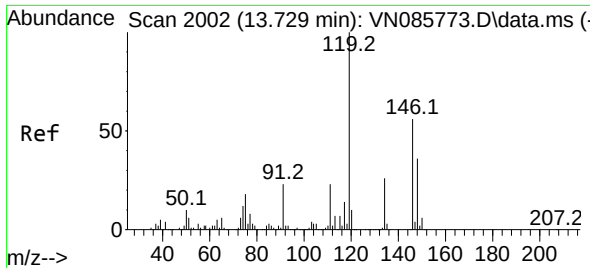


#86
 p-Isopropyltoluene
 Concen: 17.957 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085786.D
 Acq: 19 Feb 2025 13:22



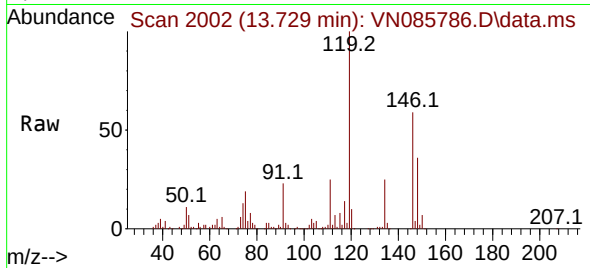
Tgt Ion:119 Resp: 202304
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 23.2 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 17.354 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

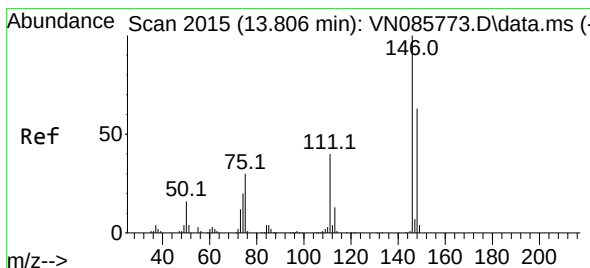
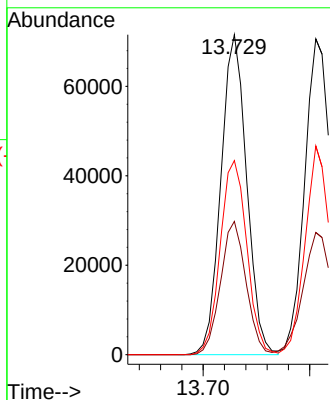
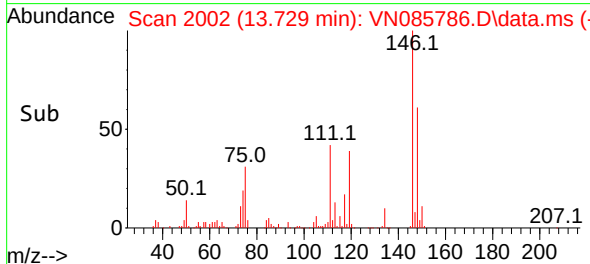
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



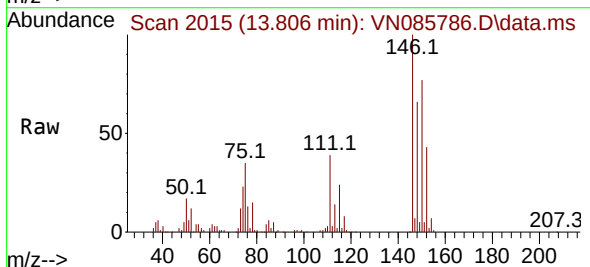
Tgt Ion:146 Resp: 120280
Ion Ratio Lower Upper
146 100
111 41.3 21.1 63.3
148 62.6 32.1 96.5

Manual Integrations
APPROVED

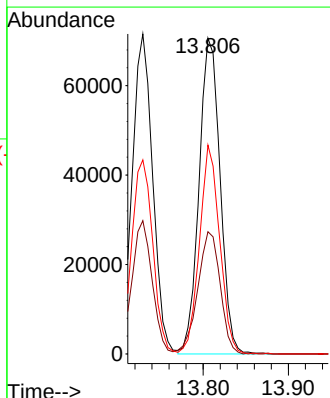
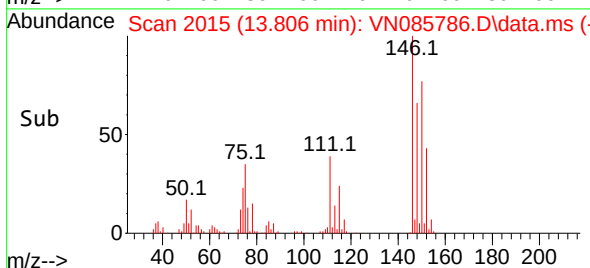
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

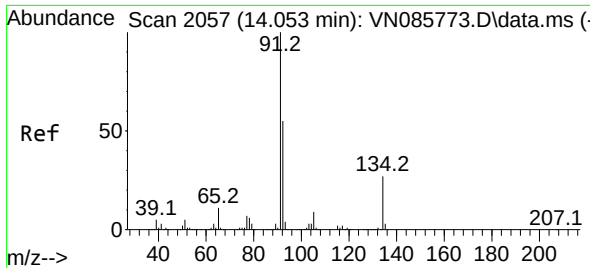


#88
1,4-Dichlorobenzene
Concen: 17.073 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22



Tgt Ion:146 Resp: 121293
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.3
148 63.4 31.8 95.4





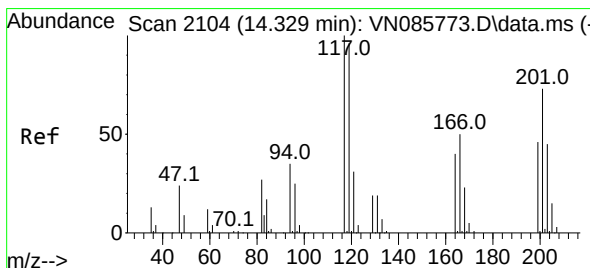
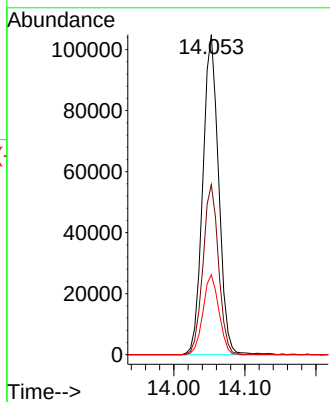
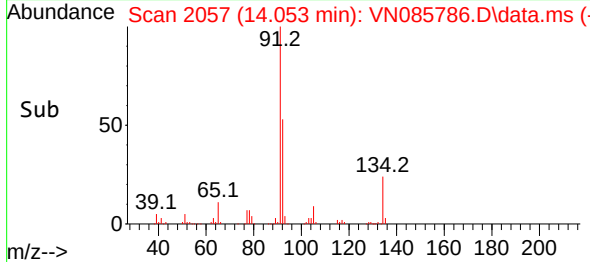
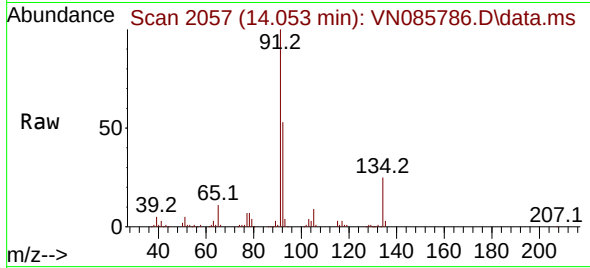
#89
n-Butylbenzene
Concen: 17.307 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01

Tgt Ion: 91 Resp: 16285
Ion Ratio Lower Upper
91 100
92 52.1 27.1 81.3
134 25.0 12.7 38.1

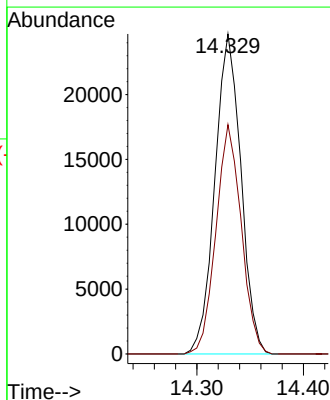
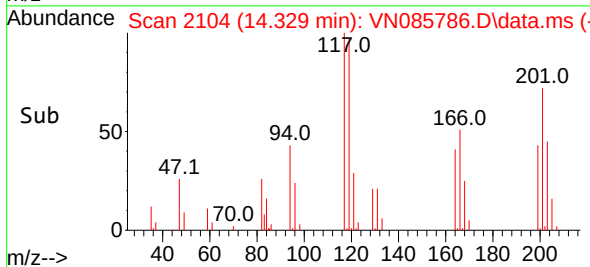
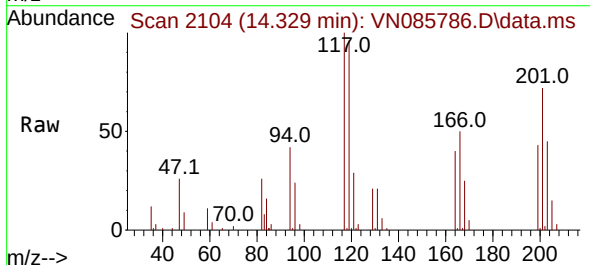
Manual Integrations
APPROVED

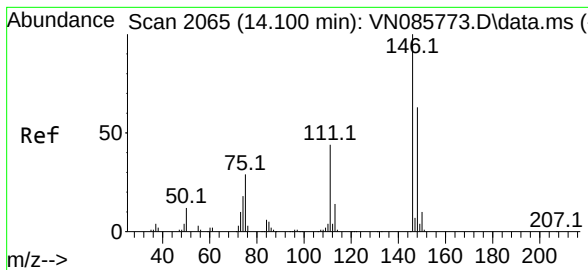
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#90
Hexachloroethane
Concen: 16.669 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

Tgt Ion:117 Resp: 41839
Ion Ratio Lower Upper
117 100
201 69.7 35.6 106.9





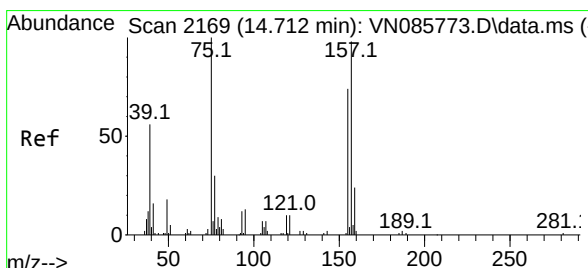
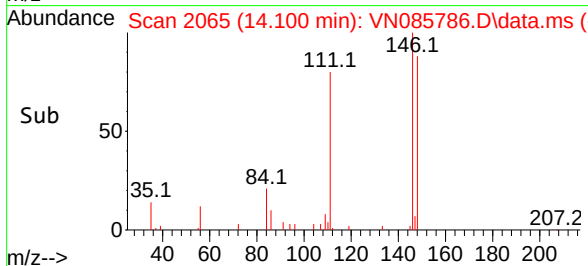
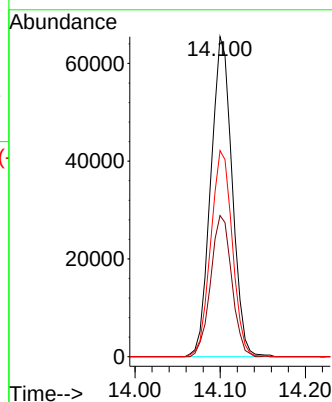
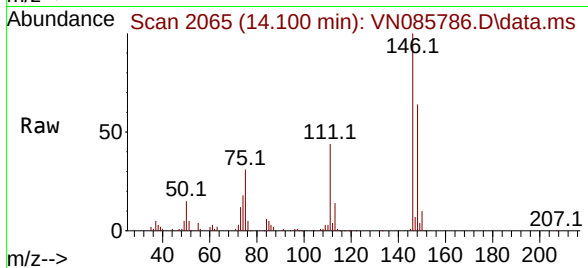
#91
1,2-Dichlorobenzene
Concen: 17.079 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01

Tgt Ion:146 Resp: 113830
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.3
148 65.1 32.0 96.2

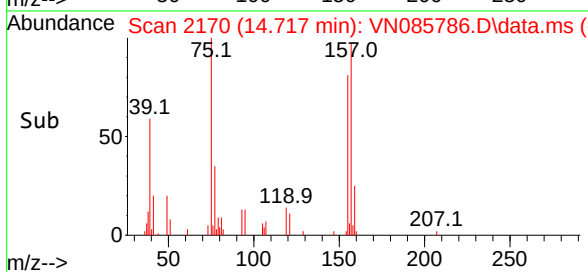
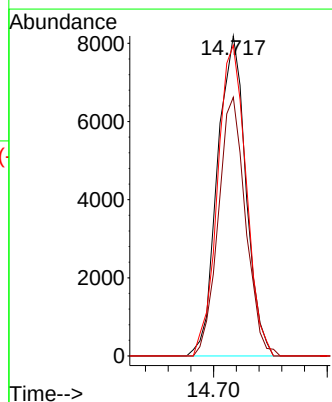
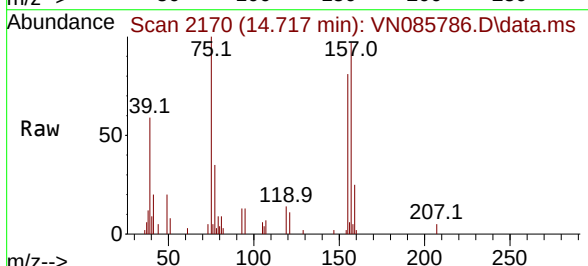
Manual Integrations
APPROVED

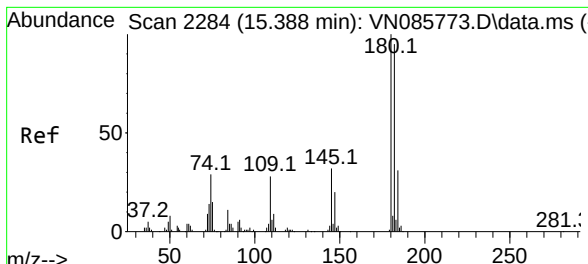
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.415 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

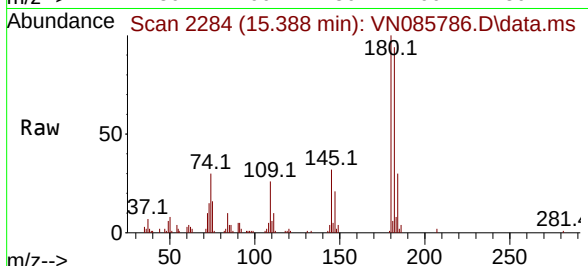
Tgt Ion: 75 Resp: 14204
Ion Ratio Lower Upper
75 100
155 77.6 39.9 119.6
157 97.9 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 16.681 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

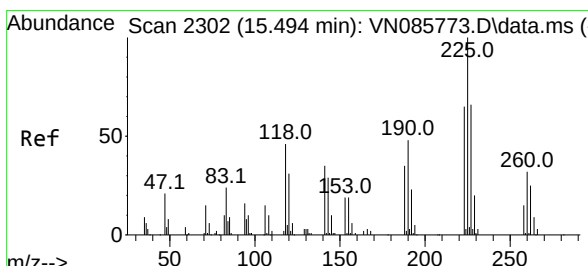
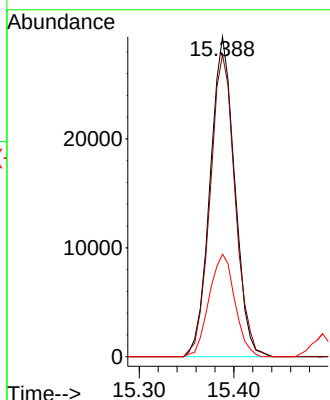
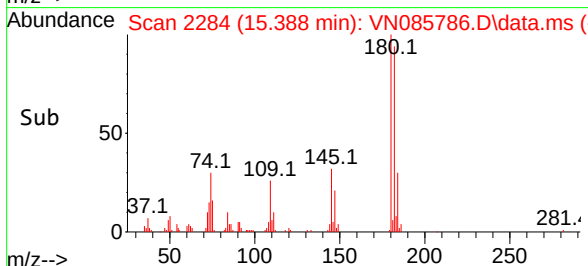
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



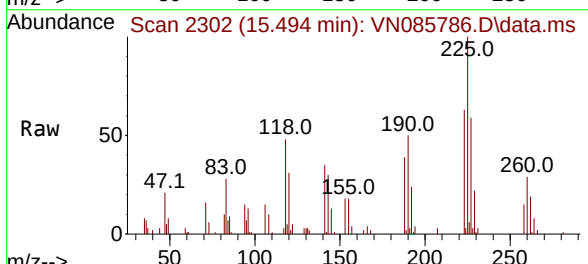
Tgt Ion:180 Resp: 52980
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 33.5 16.2 48.5

Manual Integrations
APPROVED

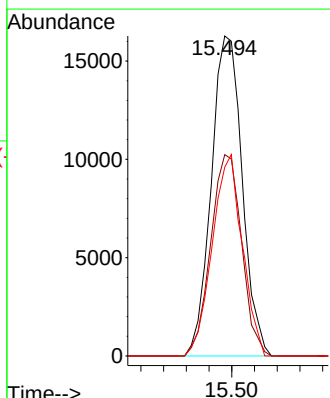
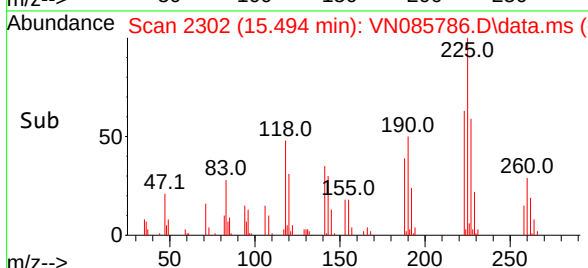
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

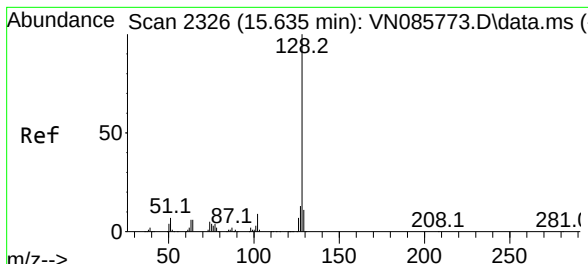


#94
Hexachlorobutadiene
Concen: 15.921 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22



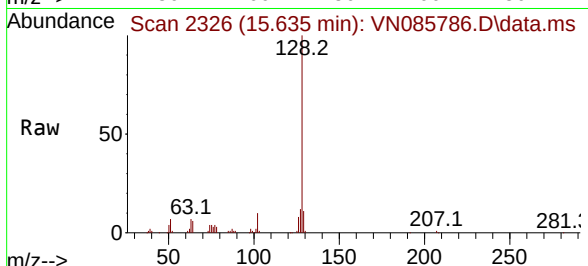
Tgt Ion:225 Resp: 30731
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.5
227 61.0 32.2 96.6





#95
Naphthalene
Concen: 16.554 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22

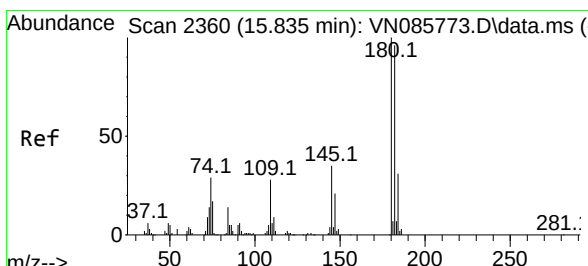
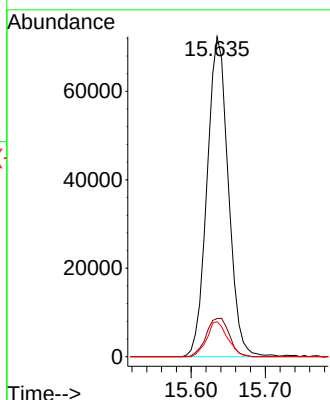
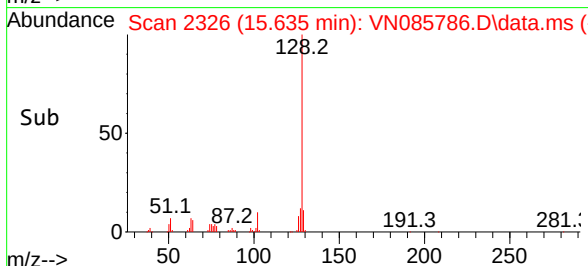
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



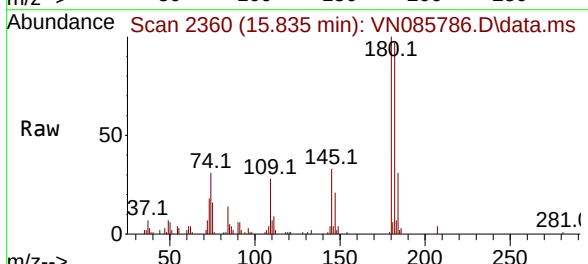
Tgt Ion:128 Resp: 144340
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.662 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085786.D
Acq: 19 Feb 2025 13:22



Tgt Ion:180 Resp: 53127
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.8
145 32.5 16.9 50.6

