

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031025\
 Data File : VN085918.D
 Acq On : 10 Mar 2025 16:47
 Operator : JC\MD
 Sample : VN0310WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/11/2025
 Supervised By : Mahesh Dadoda 03/11/2025

Quant Time: Mar 11 01:38:45 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	183155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116174	48.925	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.840%		
35) Dibromofluoromethane	8.165	113	93986	47.233	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.460%		
50) Toluene-d8	10.565	98	339498	46.895	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.780%		
62) 4-Bromofluorobenzene	12.847	95	120107	50.354	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46937	18.841	ug/l	98
3) Chloromethane	2.359	50	47656	19.063	ug/l	94
4) Vinyl Chloride	2.512	62	46041	17.394	ug/l	100
5) Bromomethane	2.959	94	28253	16.693	ug/l	92
6) Chloroethane	3.118	64	28117	16.037	ug/l	96
7) Trichlorofluoromethane	3.495	101	68881	17.974	ug/l	90
8) Diethyl Ether	3.959	74	24195	19.513	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	40512	18.288	ug/l	97
10) Methyl Iodide	4.589	142	50184	18.378	ug/l	97
11) Tert butyl alcohol	5.518	59	26820	91.833	ug/l #	92
12) 1,1-Dichloroethene	4.336	96	37035	18.439	ug/l	98
13) Acrolein	4.177	56	35598	82.195	ug/l	99
14) Allyl chloride	5.030	41	50406	19.114	ug/l	94
15) Acrylonitrile	5.718	53	96295	101.423	ug/l	97
16) Acetone	4.424	43	67637	90.021	ug/l	88
17) Carbon Disulfide	4.718	76	117279	19.702	ug/l	97
18) Methyl Acetate	5.030	43	42724	16.532	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	117363	19.664	ug/l	99
20) Methylene Chloride	5.283	84	44771	18.529	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	39722	18.367	ug/l	90
22) Diisopropyl ether	6.671	45	122278	20.521	ug/l	98
23) Vinyl Acetate	6.600	43	432905m	106.106	ug/l	
24) 1,1-Dichloroethane	6.565	63	75247	18.576	ug/l	99
25) 2-Butanone	7.483	43	110910	100.337	ug/l	100
26) 2,2-Dichloropropane	7.483	77	64399	17.879	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	45332	18.077	ug/l	96
28) Bromochloromethane	7.812	49	37915	22.774	ug/l	93
29) Tetrahydrofuran	7.841	42	73328	102.731	ug/l	99
30) Chloroform	7.965	83	77346	18.272	ug/l	96
31) Cyclohexane	8.253	56	64840	19.118	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	69020	18.331	ug/l	97
36) 1,1-Dichloropropene	8.371	75	53538	19.011	ug/l	99
37) Ethyl Acetate	7.559	43	44178	19.063	ug/l	98
38) Carbon Tetrachloride	8.359	117	62407	18.651	ug/l	96
39) Methylcyclohexane	9.600	83	51371	18.568	ug/l	96
40) Benzene	8.606	78	173763	19.252	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	24897	20.096	ug/l	98
42) 1,2-Dichloroethane	8.671	62	55432	18.855	ug/l	100
43) Isopropyl Acetate	8.688	43	84853	20.541	ug/l	97
44) Trichloroethene	9.347	130	38294	17.280	ug/l	98
45) 1,2-Dichloropropane	9.624	63	42131	19.338	ug/l	94
46) Dibromomethane	9.706	93	29316	19.076	ug/l	98
47) Bromodichloromethane	9.882	83	61432	18.685	ug/l	99
48) Methyl methacrylate	9.677	41	33611	19.529	ug/l	97
49) 1,4-Dioxane	9.694	88	13683	418.066	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	230578	103.195	ug/l	99
52) Toluene	10.630	92	105004	19.846	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	60104	19.770	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	65714	19.711	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	38998	18.539	ug/l	96
56) Ethyl methacrylate	10.871	69	55699	20.042	ug/l	98
57) 1,3-Dichloropropane	11.159	76	68287	19.446	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	121081	119.643	ug/l	100
59) 2-Hexanone	11.194	43	158456	103.085	ug/l	99
60) Dibromochloromethane	11.359	129	46769	19.093	ug/l	99
61) 1,2-Dibromoethane	11.465	107	38641	19.441	ug/l	97
64) Tetrachloroethene	11.100	164	38276	18.499	ug/l	95
65) Chlorobenzene	11.888	112	110875	18.122	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	40601	18.462	ug/l	98
67) Ethyl Benzene	11.965	91	180891	18.874	ug/l	100
68) m/p-Xylenes	12.071	106	141229	38.793	ug/l	100
69) o-Xylene	12.394	106	65603	18.963	ug/l	97
70) Styrene	12.412	104	109997	18.542	ug/l	98
71) Bromoform	12.576	173	31071	19.014	ug/l #	97
73) Isopropylbenzene	12.694	105	159608	17.836	ug/l	98
74) N-amyl acetate	12.494	43	61330	19.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	55549	18.039	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	46455m	16.011	ug/l	
77) Bromobenzene	12.976	156	42892	17.741	ug/l	92
78) n-propylbenzene	13.035	91	192527	18.786	ug/l	99
79) 2-Chlorotoluene	13.123	91	125420	18.316	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	139100	19.082	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18124m	18.225	ug/l	
82) 4-Chlorotoluene	13.218	91	127707	18.813	ug/l	99
83) tert-Butylbenzene	13.435	119	108226	17.655	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	139106	19.288	ug/l	97
85) sec-Butylbenzene	13.612	105	157266	18.158	ug/l	99
86) p-Isopropyltoluene	13.729	119	127223	17.321	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	79599	17.573	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	78503	16.910	ug/l	97
89) n-Butylbenzene	14.053	91	104614	17.013	ug/l	97
90) Hexachloroethane	14.335	117	27755	16.921	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	75492	17.332	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10101	17.863	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	34346	16.548	ug/l	97
94) Hexachlorobutadiene	15.500	225	19667	15.591	ug/l	98
95) Naphthalene	15.641	128	94244	16.539	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	35969	17.262	ug/l	99

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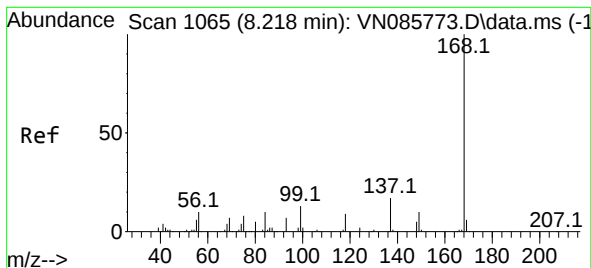
Manual Integrations
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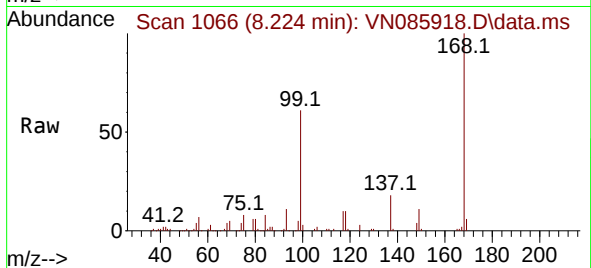
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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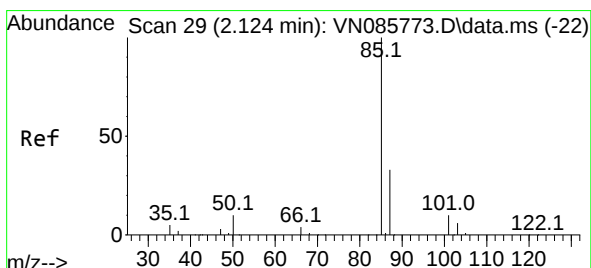
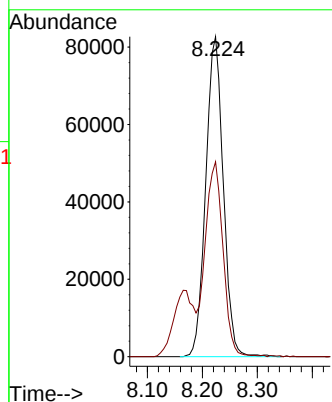
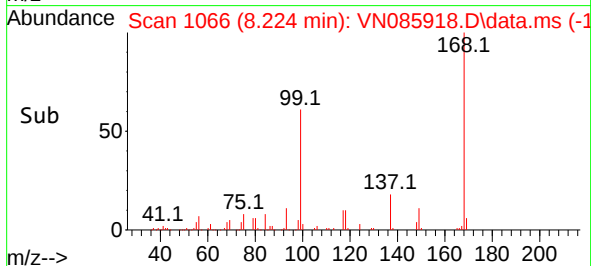
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion:168 Resp: 18315
Ion Ratio Lower Upper
168 100
99 60.6 47.9 71.9

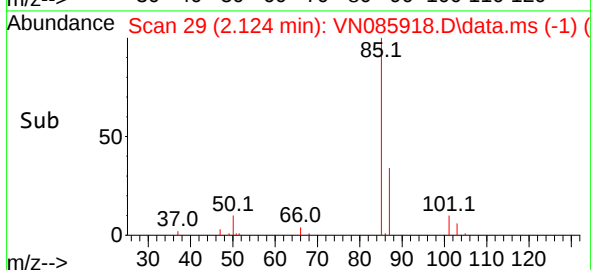
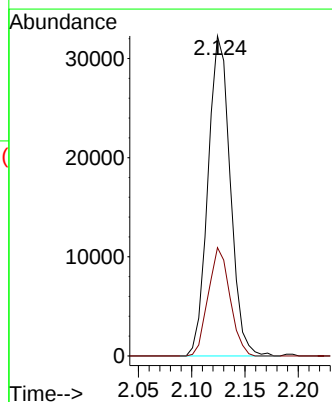
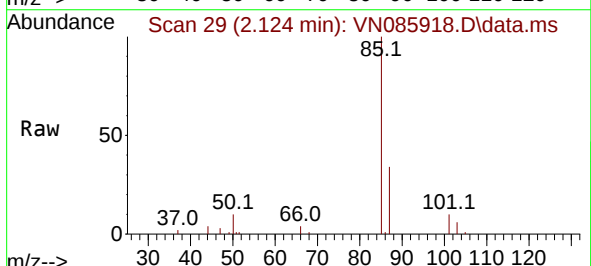
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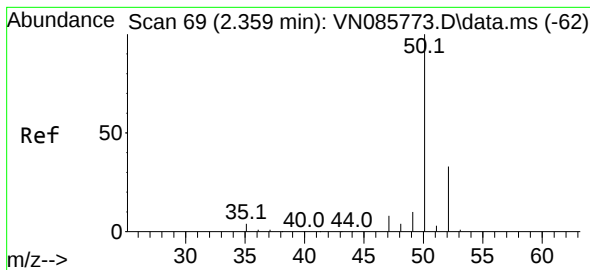
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#2
Dichlorodifluoromethane
Concen: 18.841 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Tgt Ion: 85 Resp: 46937
Ion Ratio Lower Upper
85 100
87 33.8 16.4 49.2





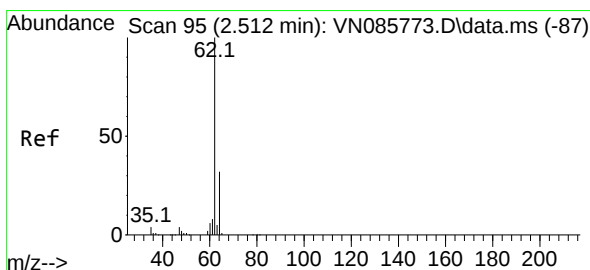
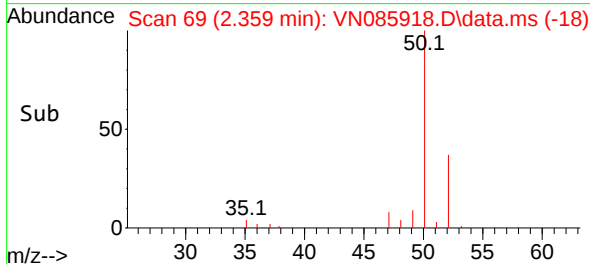
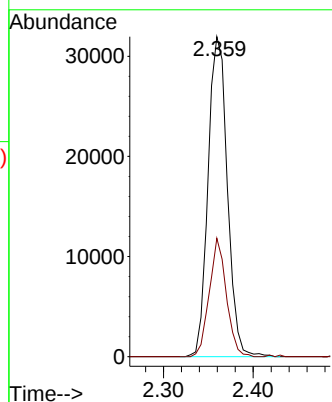
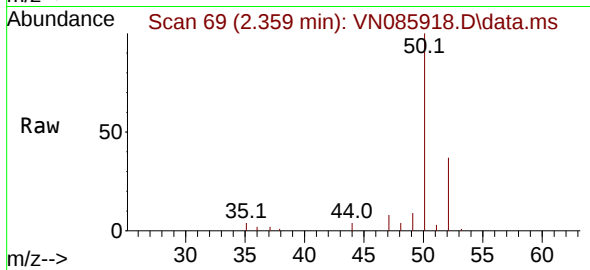
#3
Chloromethane
Concen: 19.063 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Instrument :
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Tgt Ion: 50 Resp: 47650
Ion Ratio Lower Upper
50 100
52 37.0 26.7 40.1

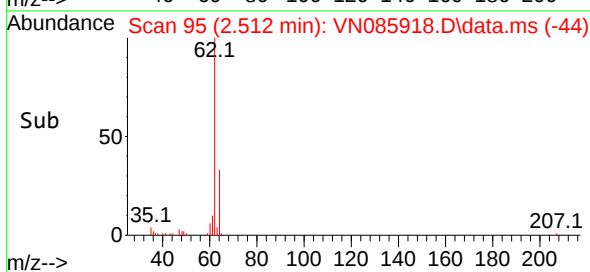
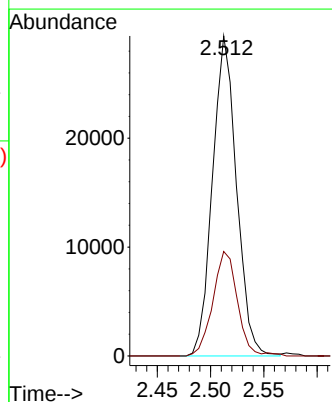
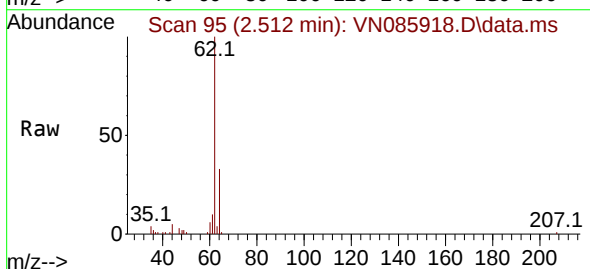
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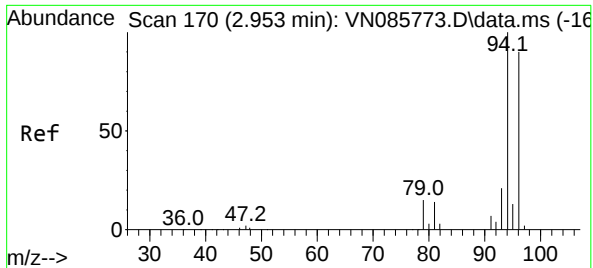
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#4
Vinyl Chloride
Concen: 17.394 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Tgt Ion: 62 Resp: 46041
Ion Ratio Lower Upper
62 100
64 32.7 25.9 38.9





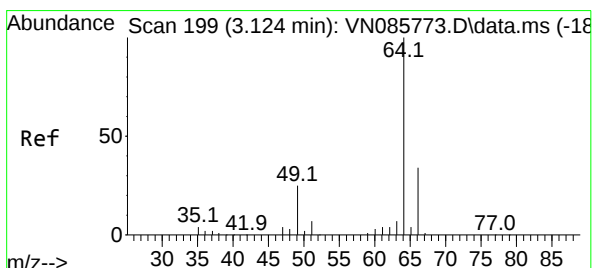
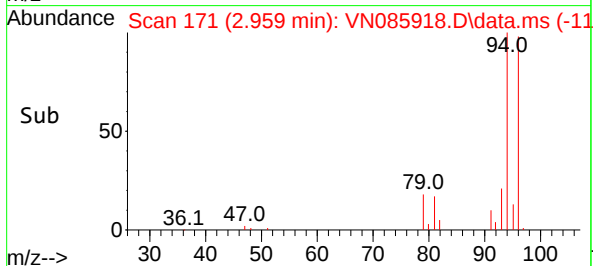
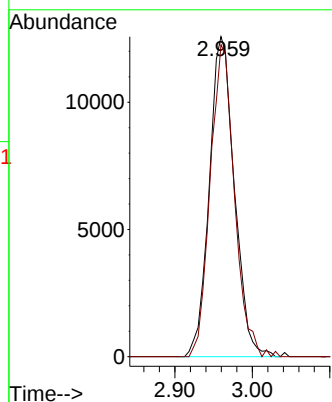
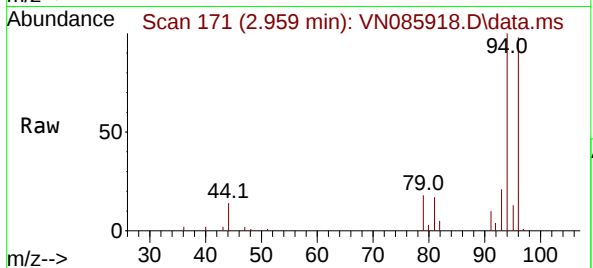
#5
Bromomethane
Concen: 16.693 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Instrument :
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Tgt Ion: 94 Resp: 2825
Ion Ratio Lower Upper
94 100
96 97.5 71.7 107.5

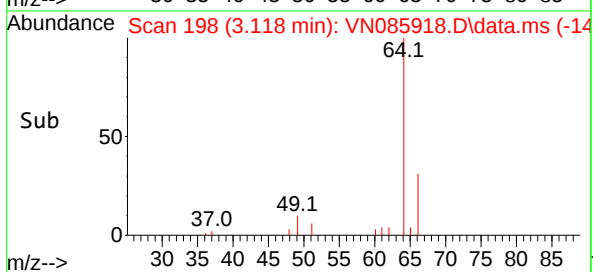
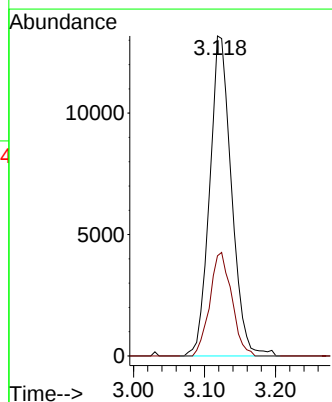
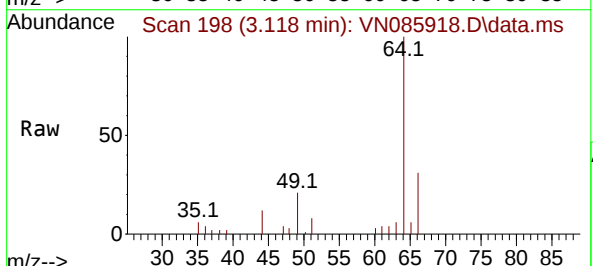
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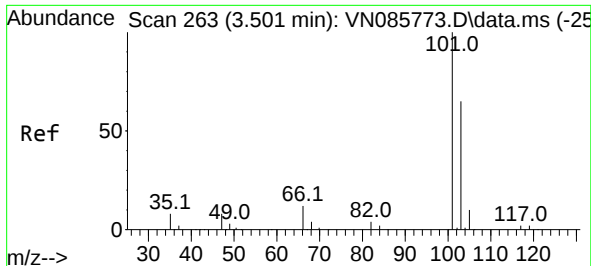
Reviewed By :John Carlone 03/11/2025
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#6
Chloroethane
Concen: 16.037 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085918.D
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Tgt Ion: 64 Resp: 28117
Ion Ratio Lower Upper
64 100
66 31.3 27.0 40.6





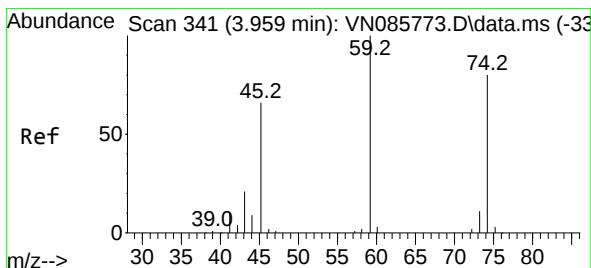
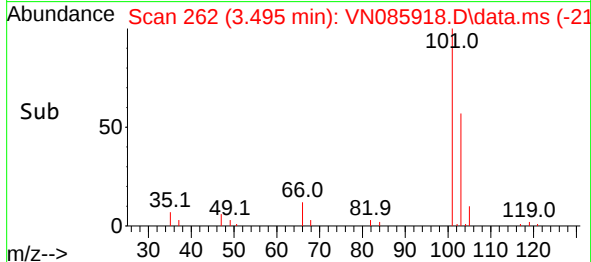
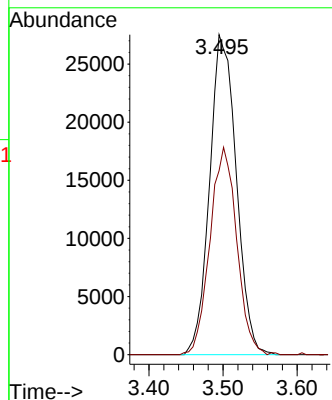
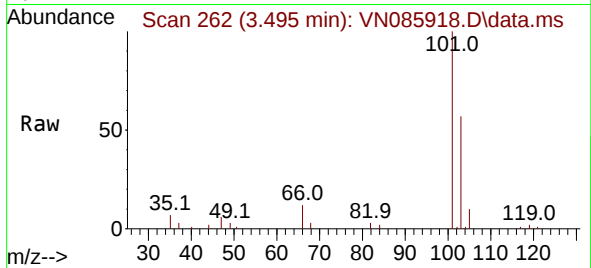
#7
 Trichlorofluoromethane
 Concen: 17.974 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085918.D
 Acq: 10 Mar 2025 16:47

Instrument :
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 VN0310WBSD01

Tgt Ion:101 Resp: 6888
 Ion Ratio Lower Upper
 101 100
 103 57.5 52.2 78.4

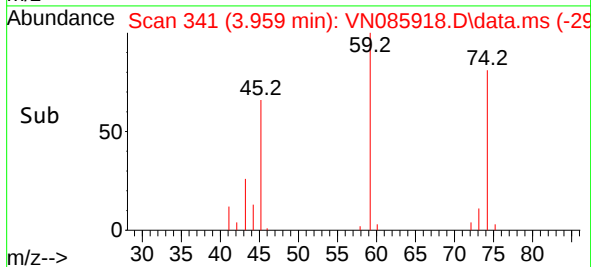
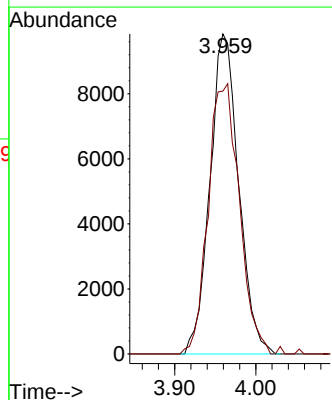
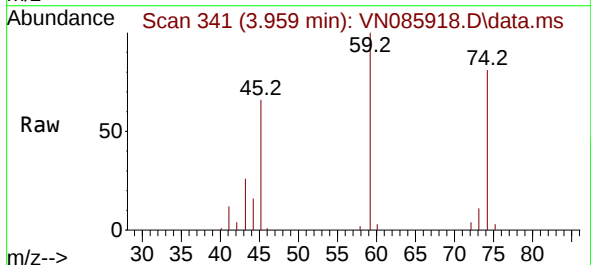
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#8
 Diethyl Ether
 Concen: 19.513 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085918.D
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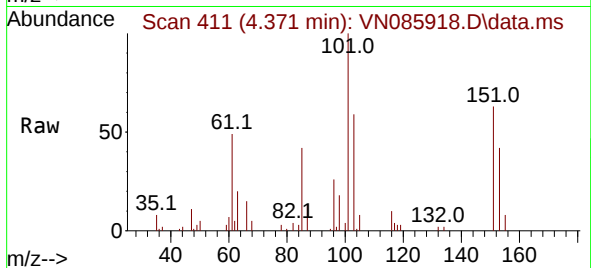
Tgt Ion: 74 Resp: 24195
 Ion Ratio Lower Upper
 74 100
 45 91.7 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.288 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085918.D
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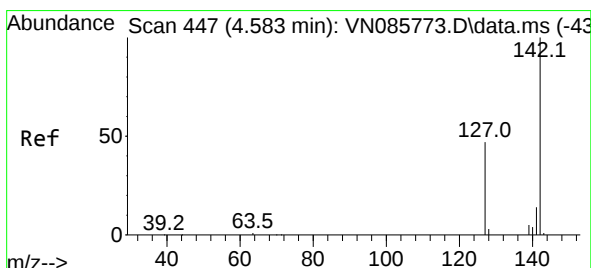
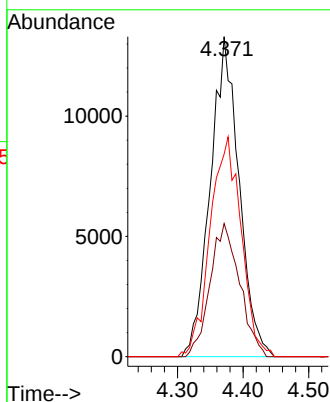
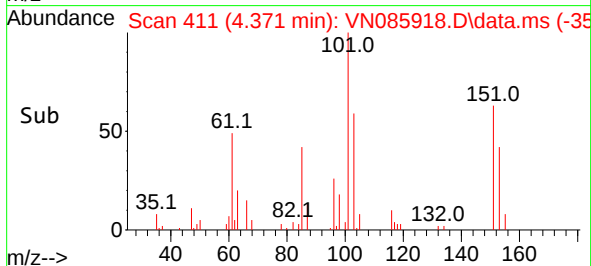
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ClientSampleId :
VN0310WBSD01



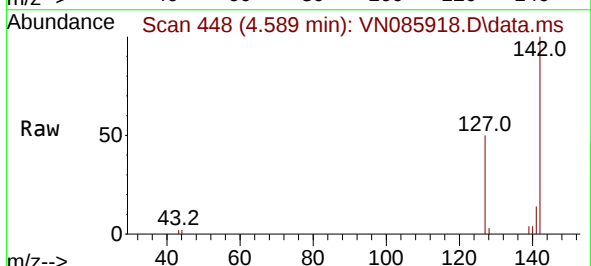
Tgt Ion:101 Resp: 40512
Ion Ratio Lower Upper
101 100
85 42.8 35.7 53.5
151 74.0 61.4 92.2

Manual Integrations
APPROVED

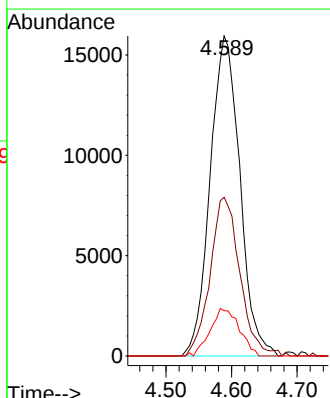
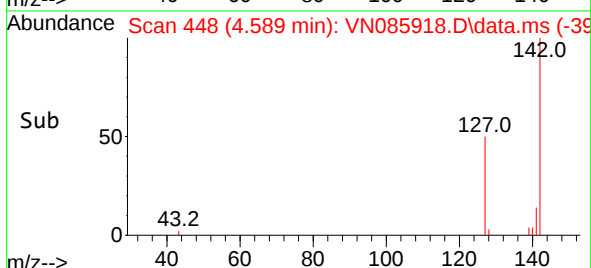
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#10
Methyl Iodide
Concen: 18.378 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



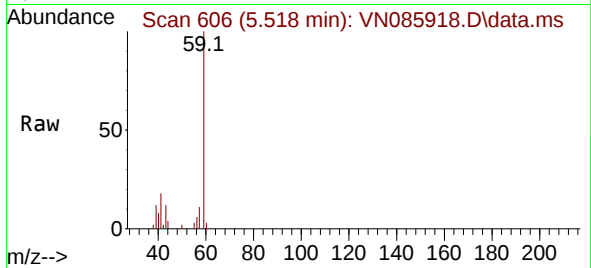
Tgt Ion:142 Resp: 50184
Ion Ratio Lower Upper
142 100
127 49.6 37.6 56.4
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 91.833 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

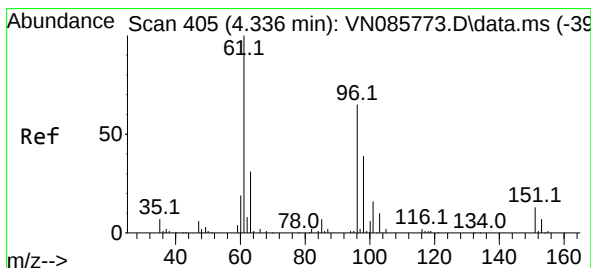
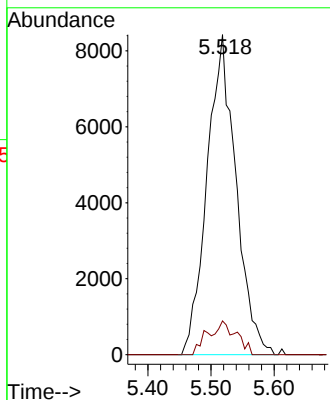
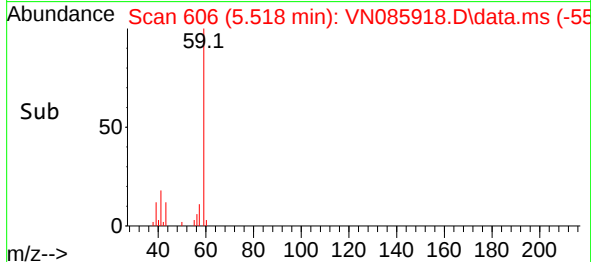
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



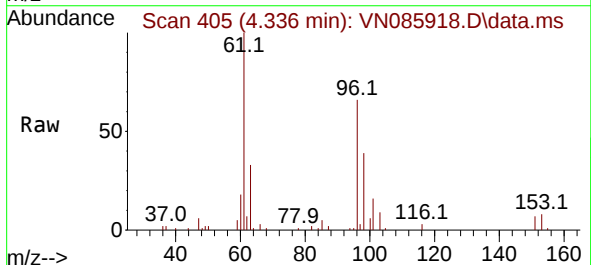
Tgt Ion: 59 Resp: 26820
Ion Ratio Lower Upper
59 100
57 7.2 8.3 12.5

Manual Integrations
APPROVED

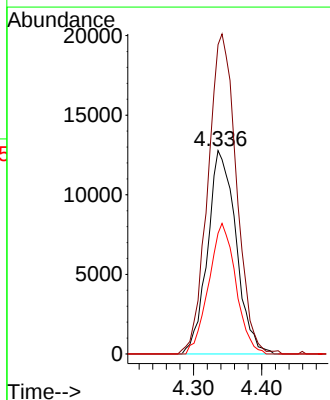
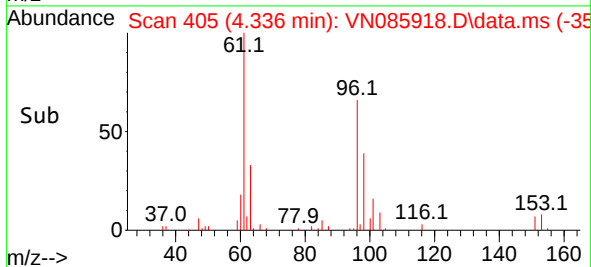
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#12
1,1-Dichloroethene
Concen: 18.439 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



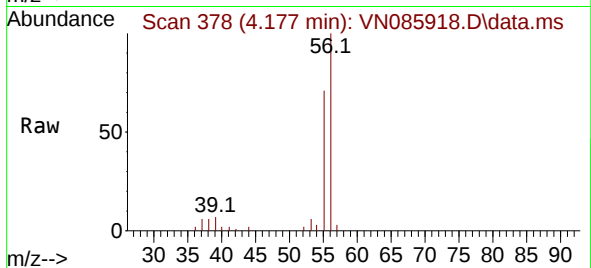
Tgt Ion: 96 Resp: 37035
Ion Ratio Lower Upper
96 100
61 152.1 123.3 184.9
98 59.3 48.6 72.8





#13
Acrolein
Concen: 82.195 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

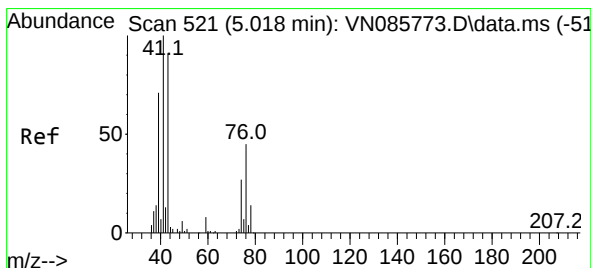
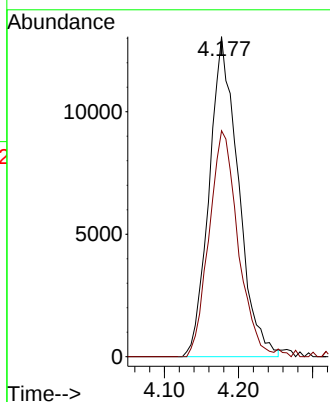
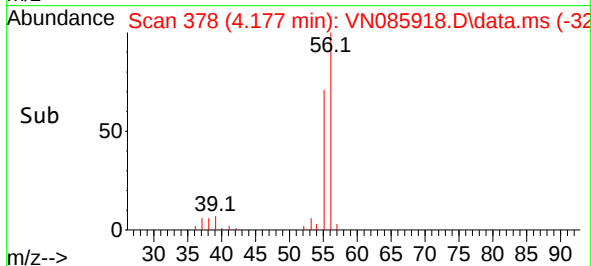
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



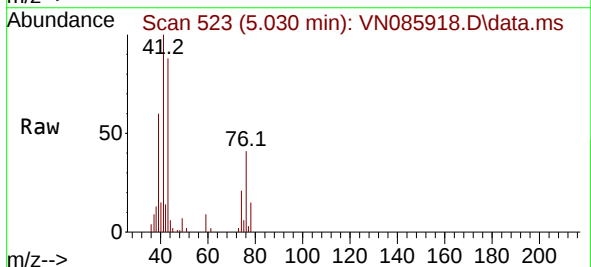
Tgt Ion: 56 Resp: 35598
Ion Ratio Lower Upper
56 100
55 70.2 55.3 82.9

Manual Integrations
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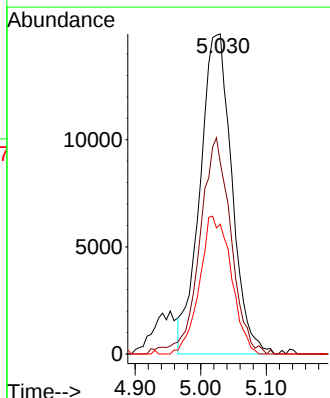
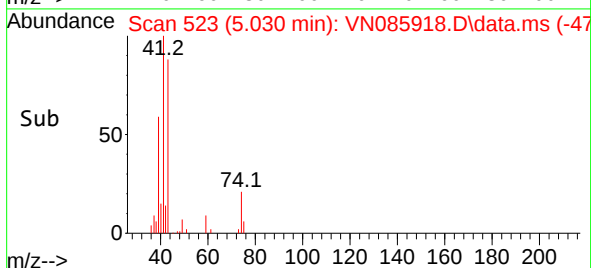
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

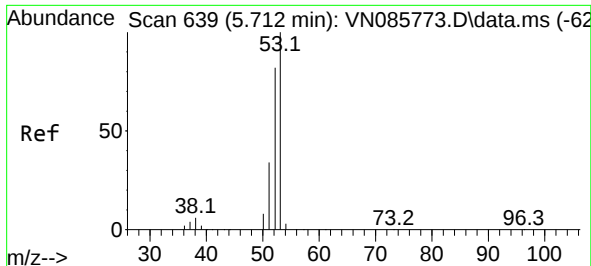


#14
Allyl chloride
Concen: 19.114 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



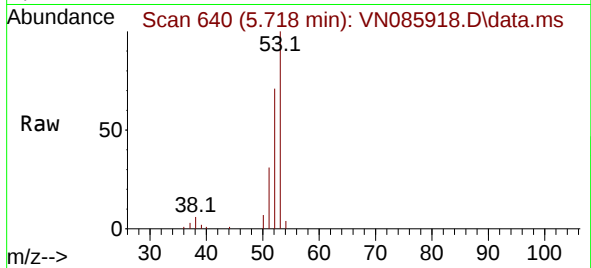
Tgt Ion: 41 Resp: 50406
Ion Ratio Lower Upper
41 100
39 66.1 57.4 86.2
76 42.7 36.2 54.2





#15
Acrylonitrile
Concen: 101.423 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

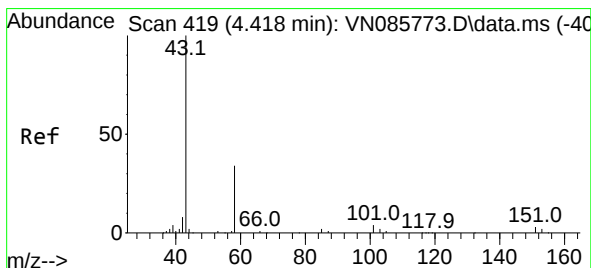
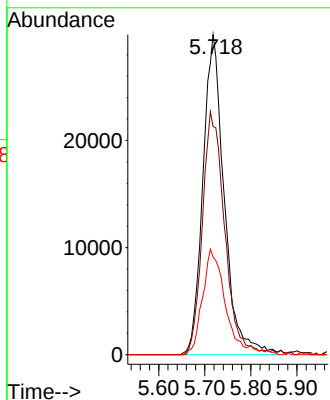
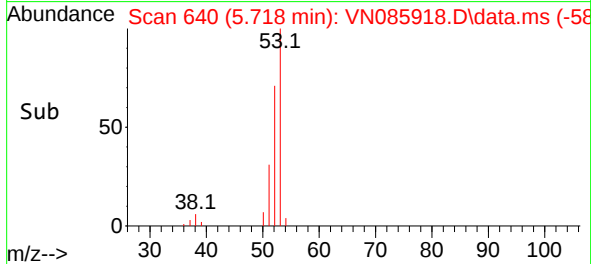
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



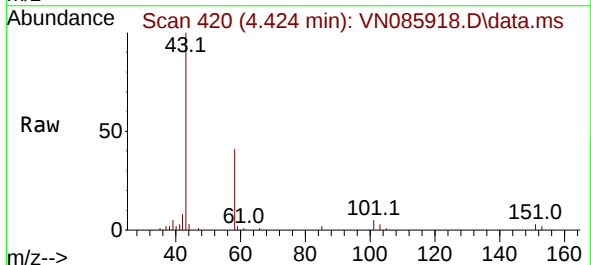
Tgt Ion: 53 Resp: 9629
Ion Ratio Lower Upper
53 100
52 79.6 65.8 98.6
51 33.8 28.6 42.8

Manual Integrations
APPROVED

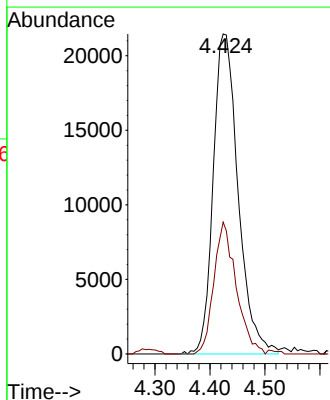
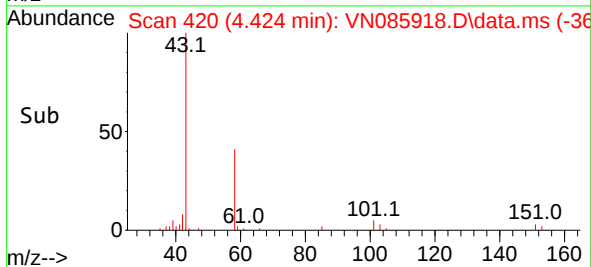
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

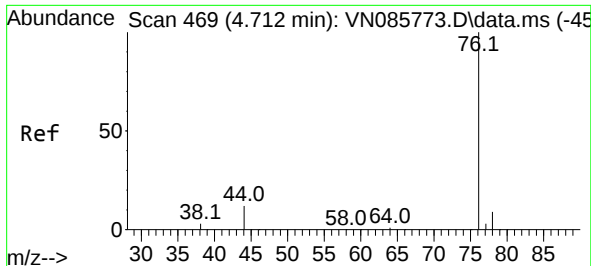


#16
Acetone
Concen: 90.021 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



Tgt Ion: 43 Resp: 67637
Ion Ratio Lower Upper
43 100
58 41.2 27.5 41.3





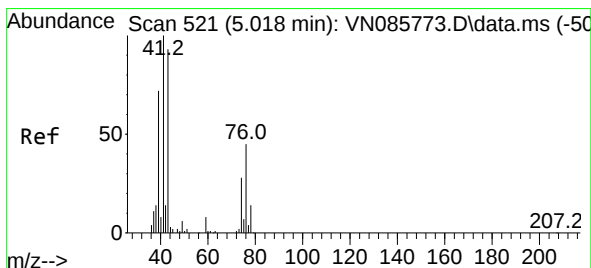
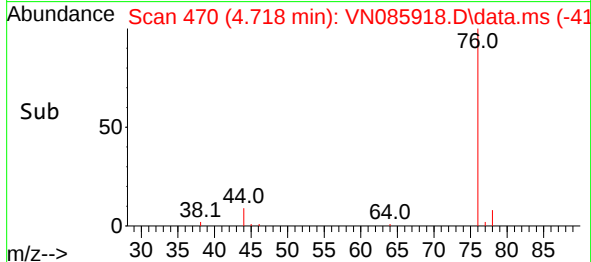
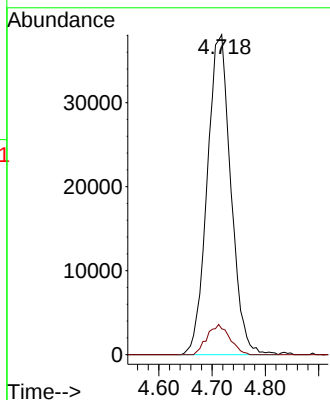
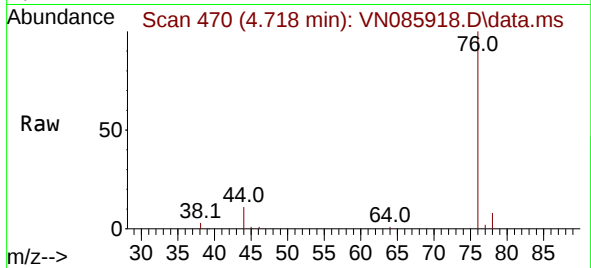
#17
Carbon Disulfide
Concen: 19.702 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion: 76 Resp: 117279
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0

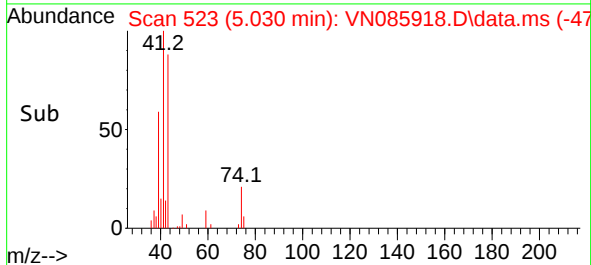
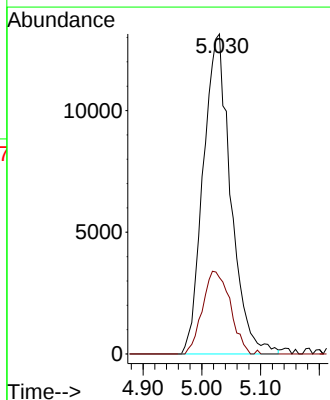
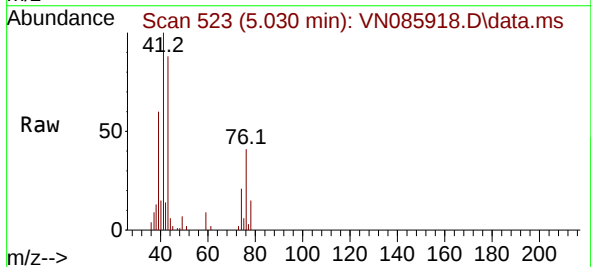
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#18
Methyl Acetate
Concen: 16.532 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Tgt Ion: 43 Resp: 42724
Ion Ratio Lower Upper
43 100
74 25.9 22.2 33.4





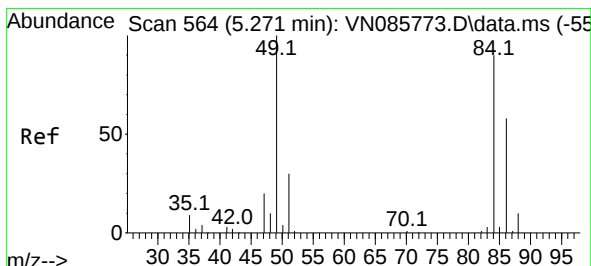
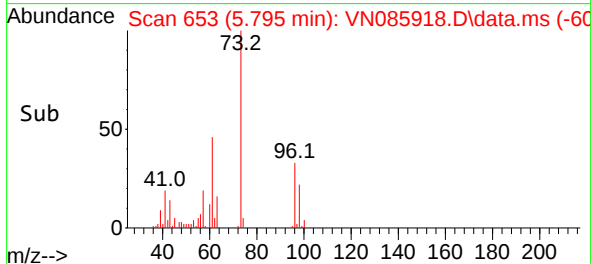
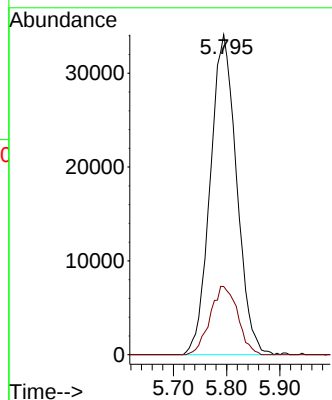
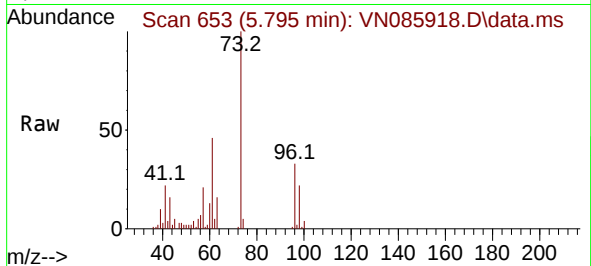
#19
Methyl tert-butyl Ether
Concen: 19.664 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion: 73 Resp: 11736
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4

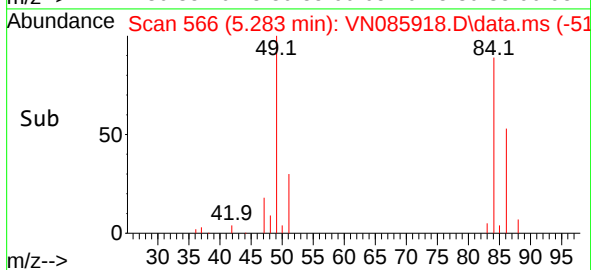
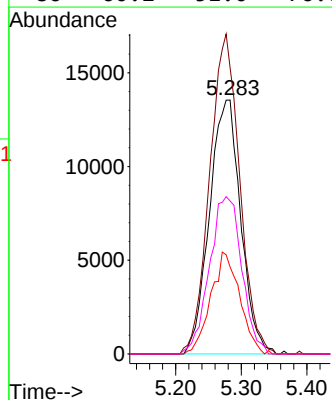
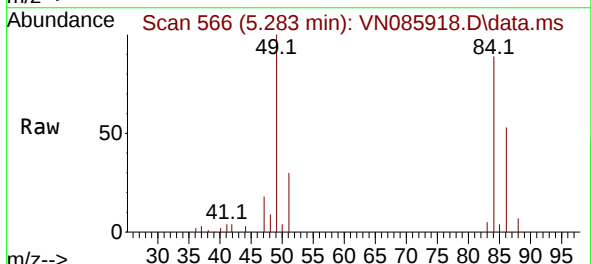
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#20
Methylene Chloride
Concen: 18.529 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

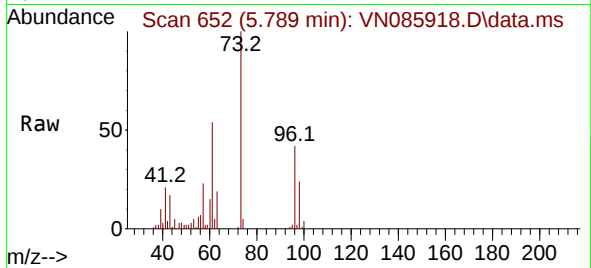
Tgt Ion: 84 Resp: 44771
Ion Ratio Lower Upper
84 100
49 112.6 88.4 132.6
51 34.2 26.6 40.0
86 60.2 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.367 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

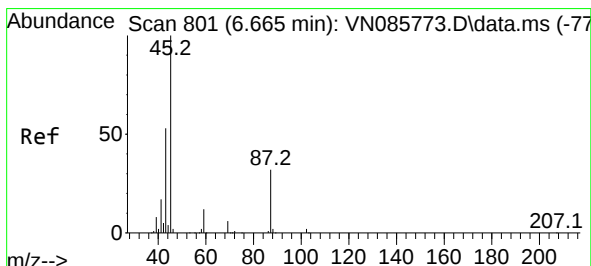
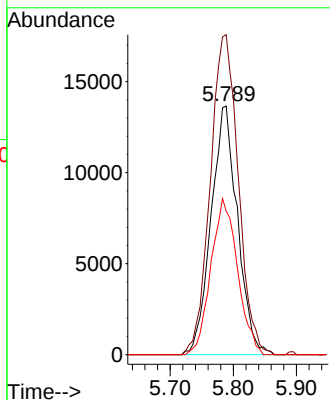
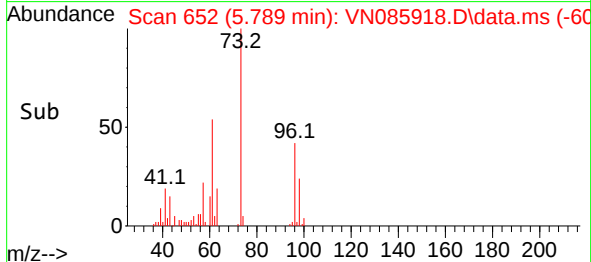
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



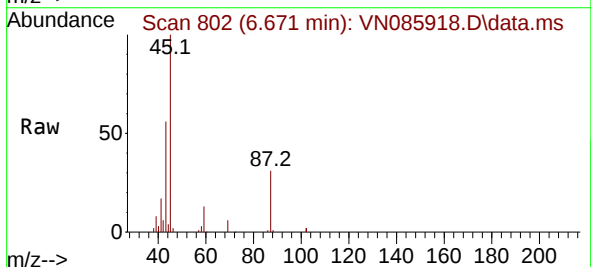
Tgt Ion: 96 Resp: 3972
Ion Ratio Lower Upper
96 100
61 128.7 112.6 168.8
98 57.7 53.3 79.9

Manual Integrations
APPROVED

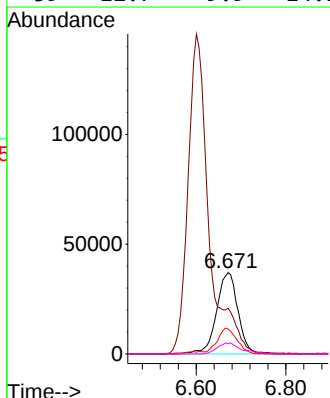
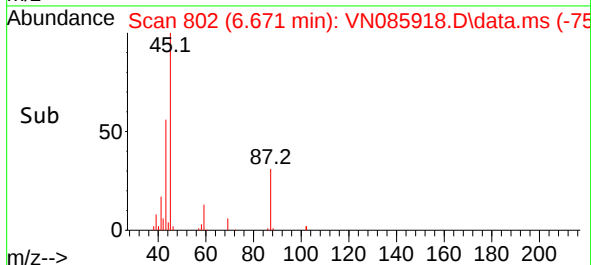
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#22
Diisopropyl ether
Concen: 20.521 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



Tgt Ion: 45 Resp: 122278
Ion Ratio Lower Upper
45 100
43 55.3 42.6 64.0
87 30.8 25.8 38.8
59 12.7 9.9 14.9





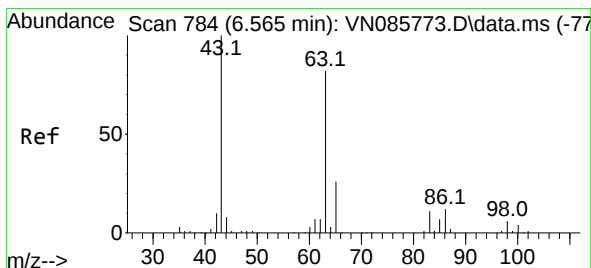
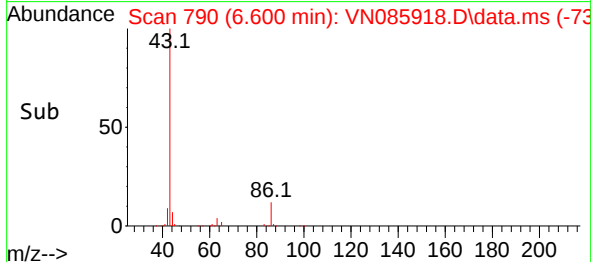
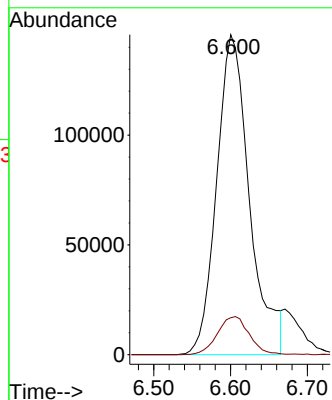
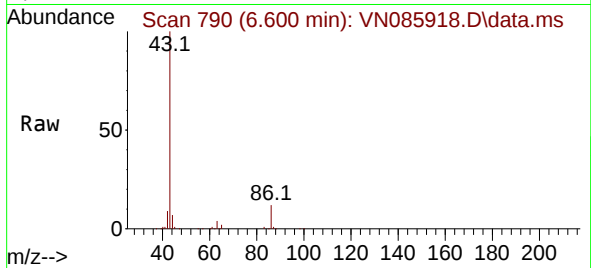
#23
 Vinyl Acetate
 Concen: 106.106 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085918.D
 Acq: 10 Mar 2025 16:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBSD01

Tgt Ion: 43 Resp: 43290
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.8 14.8

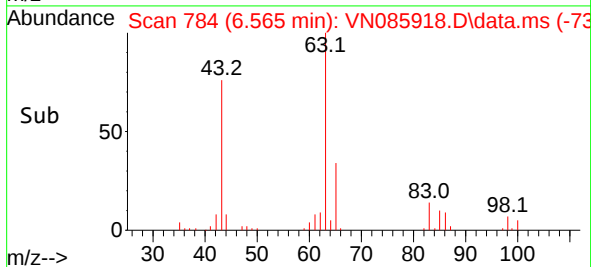
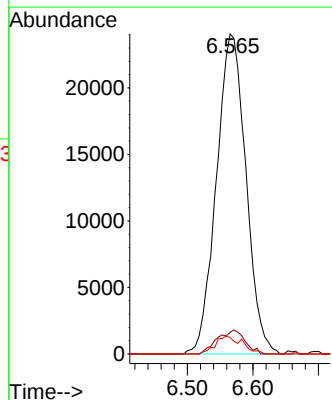
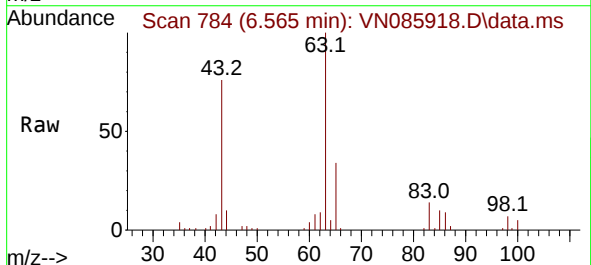
Manual Integrations
 APPROVED

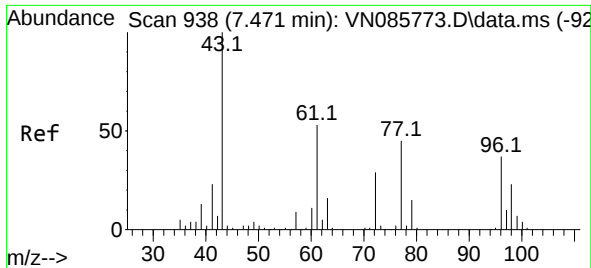
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025



#24
 1,1-Dichloroethane
 Concen: 18.576 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085918.D
 Acq: 10 Mar 2025 16:47

Tgt Ion: 63 Resp: 75247
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 5.2 2.4 7.2





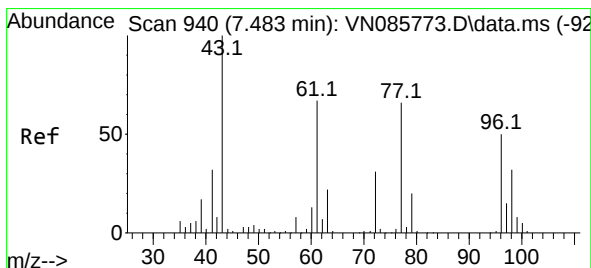
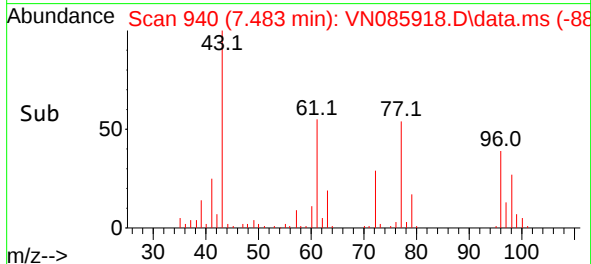
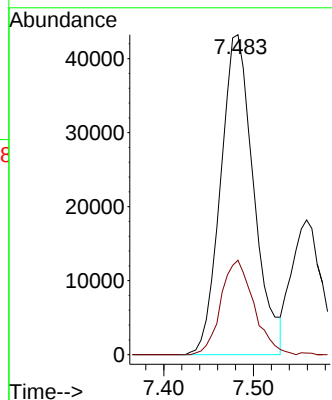
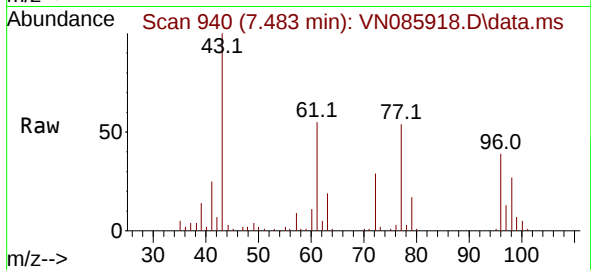
#25
2-Butanone
Concen: 100.337 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion: 43 Resp: 110910
Ion Ratio Lower Upper
43 100
72 29.5 23.6 35.4

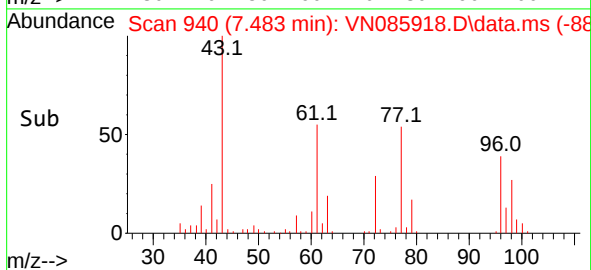
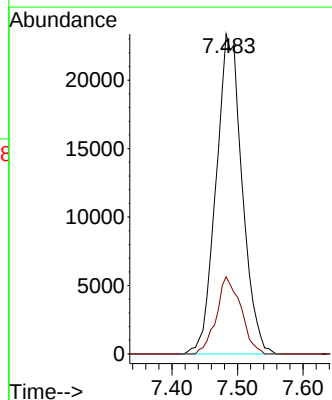
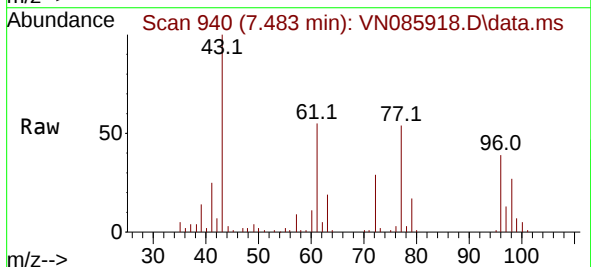
Manual Integrations
APPROVED

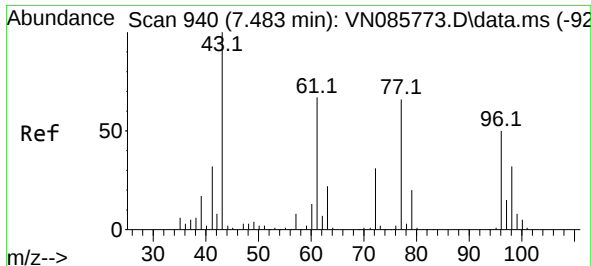
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#26
2,2-Dichloropropane
Concen: 17.879 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

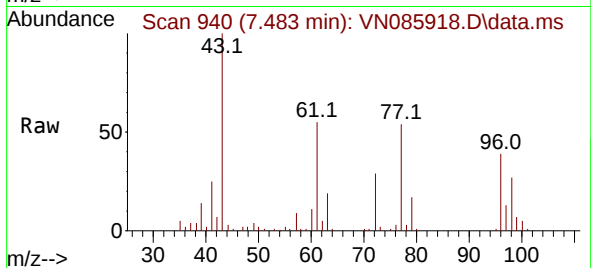
Tgt Ion: 77 Resp: 64399
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.077 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085918.D
 Acq: 10 Mar 2025 16:47

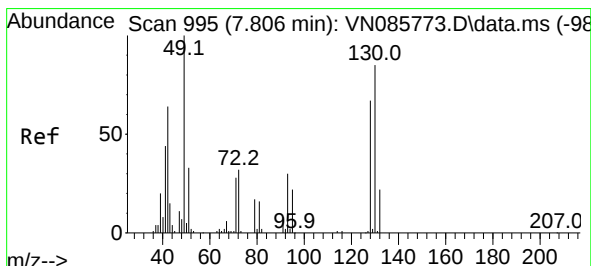
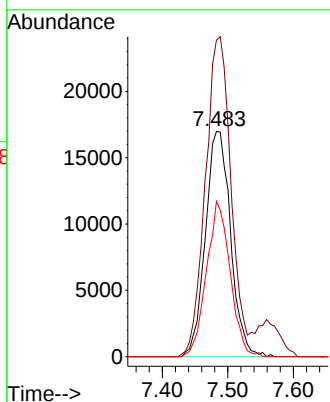
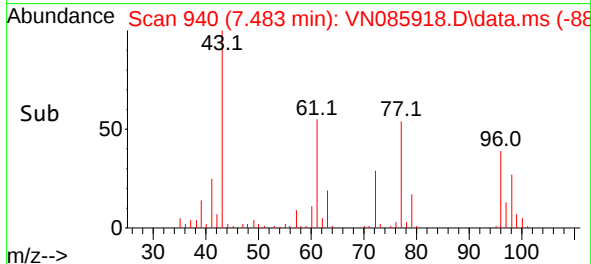
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBSD01



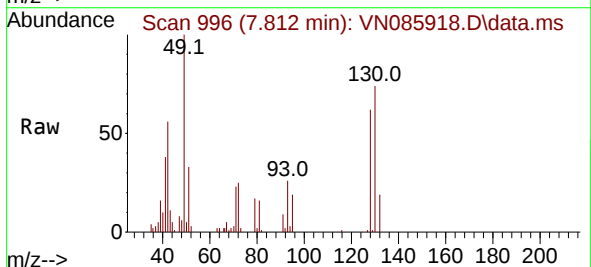
Tgt Ion: 96 Resp: 45332
 Ion Ratio Lower Upper
 96 100
 61 146.5 0.0 280.6
 98 64.7 0.0 128.6

Manual Integrations
 APPROVED

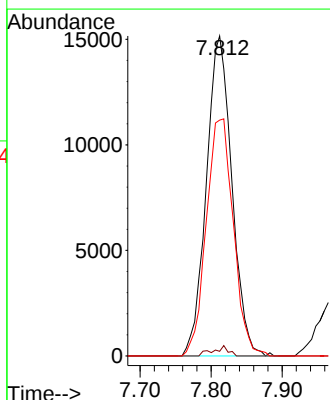
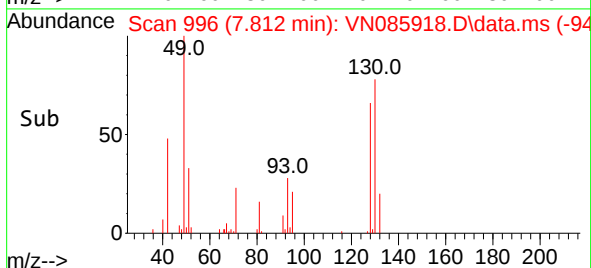
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025



#28
 Bromochloromethane
 Concen: 22.774 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085918.D
 Acq: 10 Mar 2025 16:47



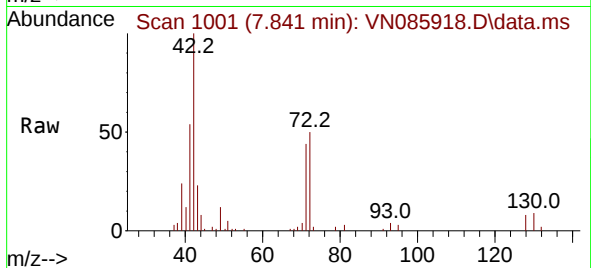
Tgt Ion: 49 Resp: 37915
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.8
 130 78.6 68.0 102.0





#29
Tetrahydrofuran
Concen: 102.731 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

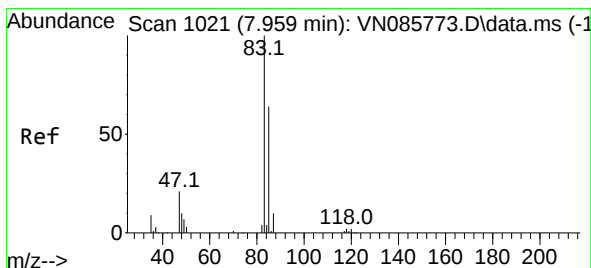
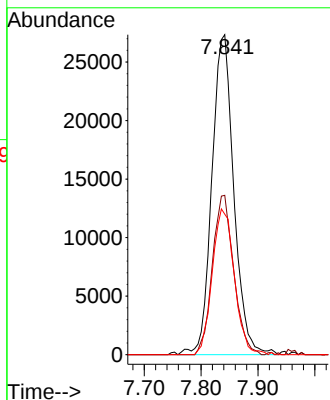
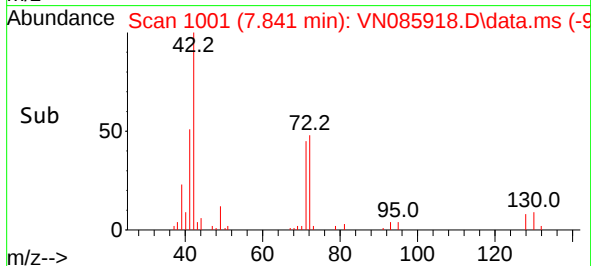
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



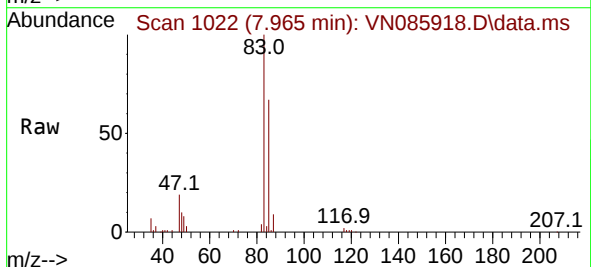
Tgt Ion: 42 Resp: 73328
Ion Ratio Lower Upper
42 100
72 48.4 40.0 60.0
71 45.9 37.0 55.4

Manual Integrations
APPROVED

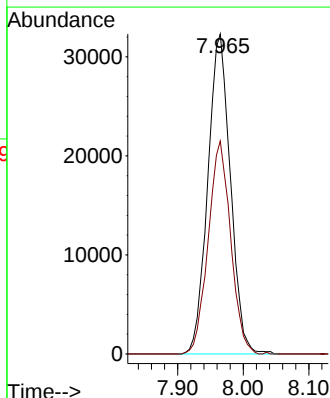
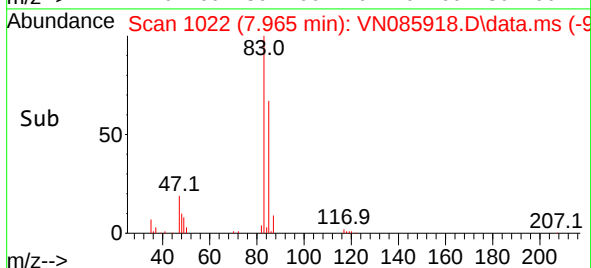
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

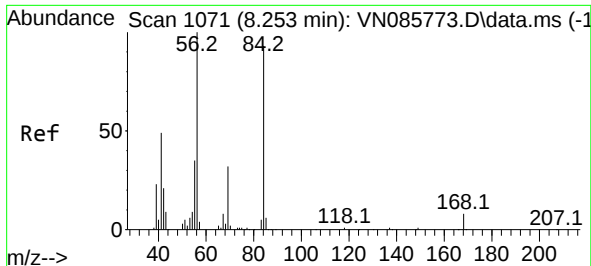


#30
Chloroform
Concen: 18.272 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



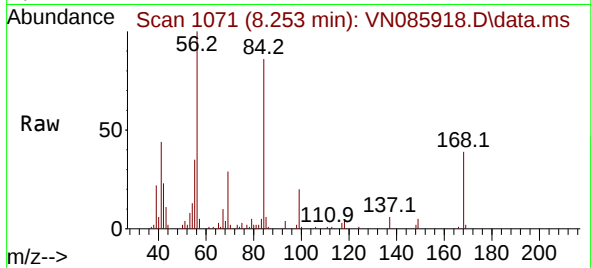
Tgt Ion: 83 Resp: 77346
Ion Ratio Lower Upper
83 100
85 66.6 50.9 76.3





#31
Cyclohexane
Concen: 19.118 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

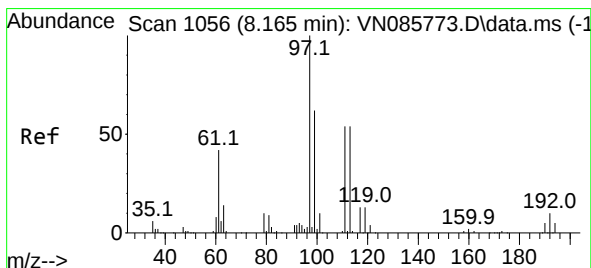
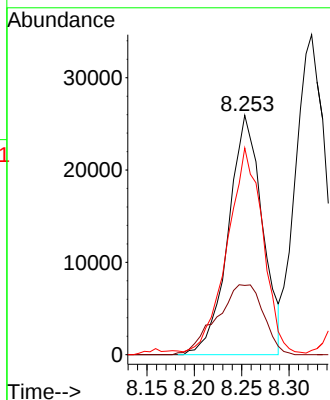
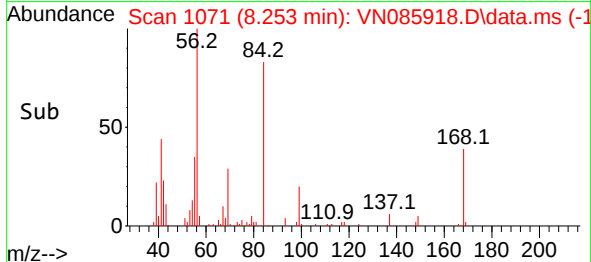
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



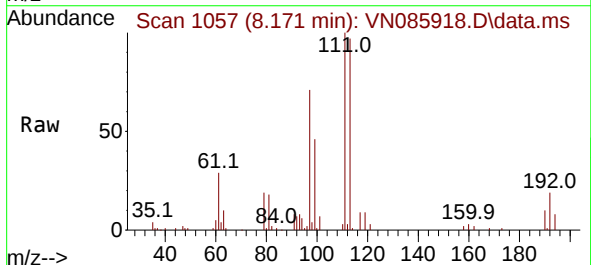
Tgt Ion: 56 Resp: 64840
Ion Ratio Lower Upper
56 100
69 28.1 25.8 38.6
84 84.8 74.5 111.7

Manual Integrations
APPROVED

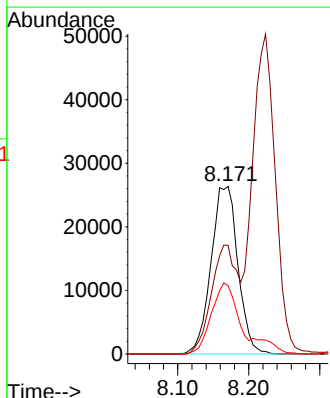
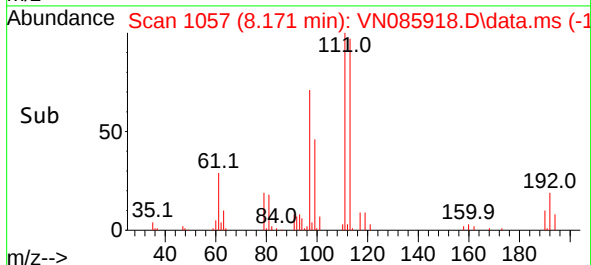
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#32
1,1,1-Trichloroethane
Concen: 18.331 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



Tgt Ion: 97 Resp: 69020
Ion Ratio Lower Upper
97 100
99 63.2 50.4 75.6
61 48.2 35.5 53.3





#33
1,2-Dichloroethane-d4
Concen: 48.925 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Instrument :

MSVOA_N

ClientSampleId :

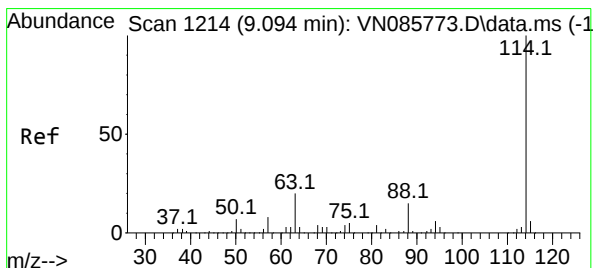
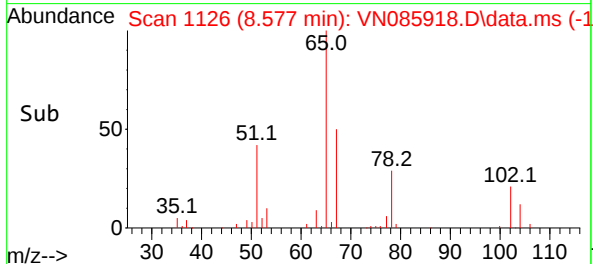
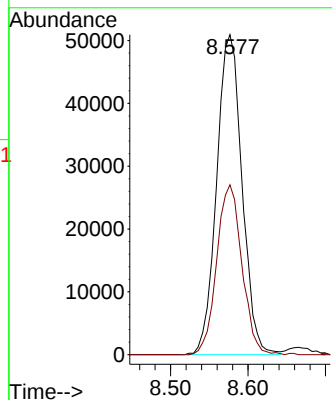
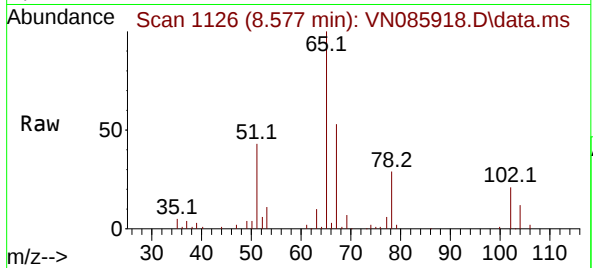
VN0310WBSD01

Tgt Ion: 65 Resp: 116174
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.2

Manual Integrations

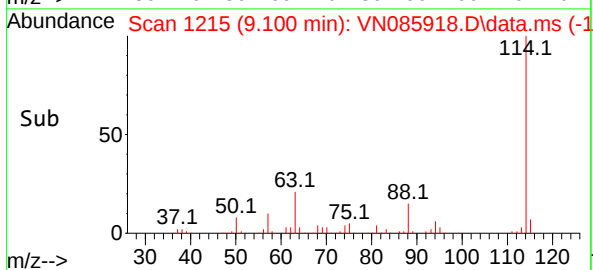
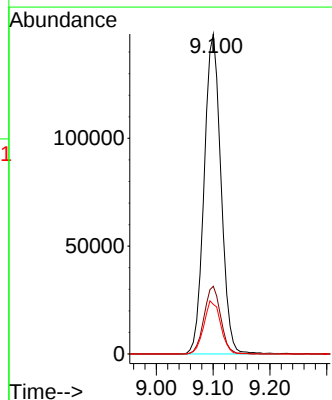
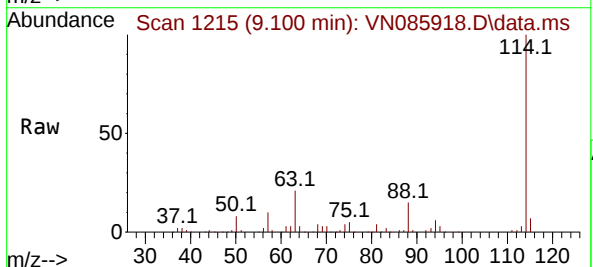
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Tgt Ion:114 Resp: 304090
Ion Ratio Lower Upper
114 100
63 21.2 0.0 39.2
88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.233 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085918.D

Acq: 10 Mar 2025 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

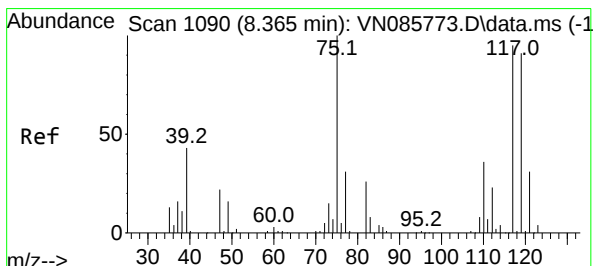
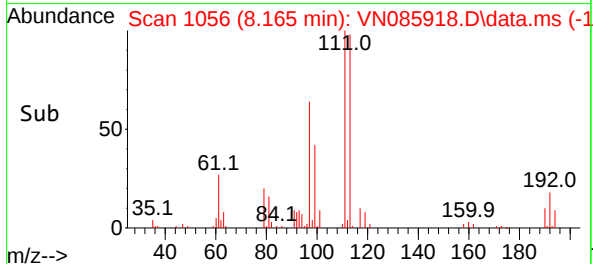
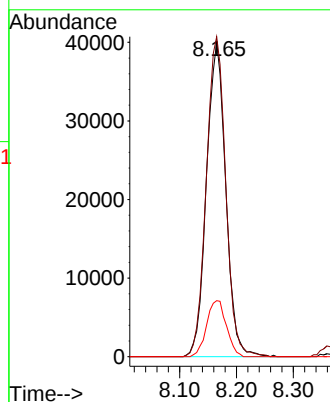
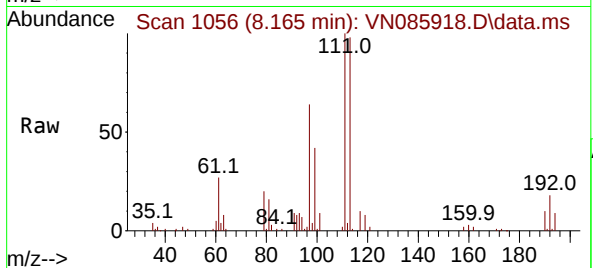
Tgt Ion:	113	Resp:	9398
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	18.3	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#36

1,1-Dichloropropene

Concen: 19.011 ug/l

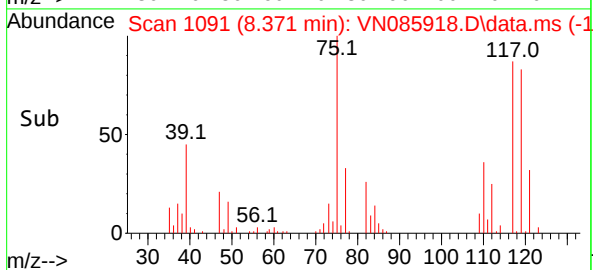
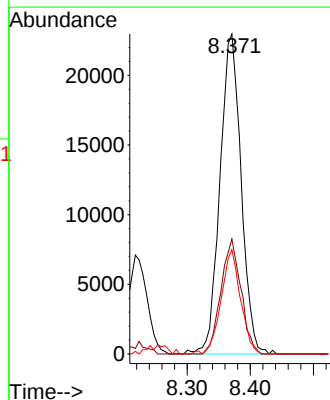
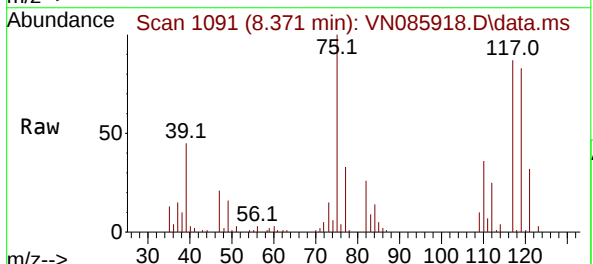
RT: 8.371 min Scan# 1091

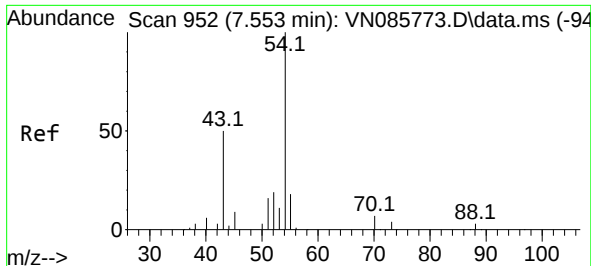
Delta R.T. 0.006 min

Lab File: VN085918.D

Acq: 10 Mar 2025 16:47

Tgt Ion:	75	Resp:	53538
Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.3	52.0
77	30.0	24.6	37.0





#37

Ethyl Acetate

Concen: 19.063 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085918.D

Acq: 10 Mar 2025 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

Tgt Ion: 43 Resp: 44178

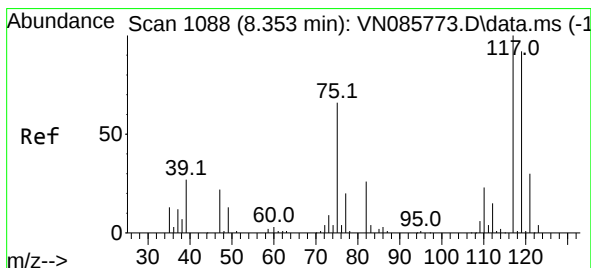
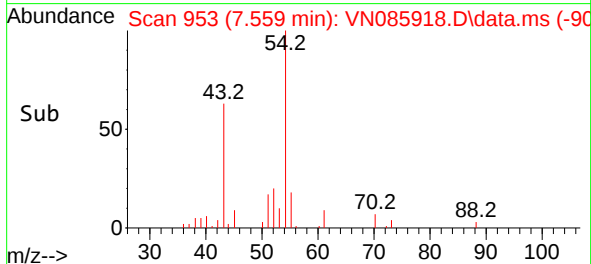
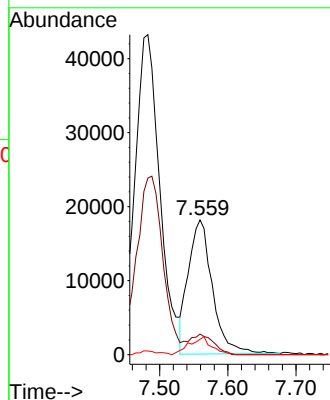
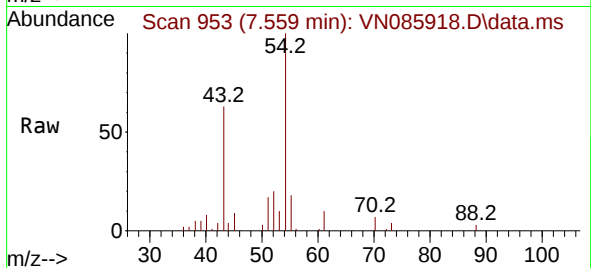
Ion	Ratio	Lower	Upper
43	100		
61	13.6	12.2	18.2
70	12.2	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#38

Carbon Tetrachloride

Concen: 18.651 ug/l

RT: 8.359 min Scan# 1089

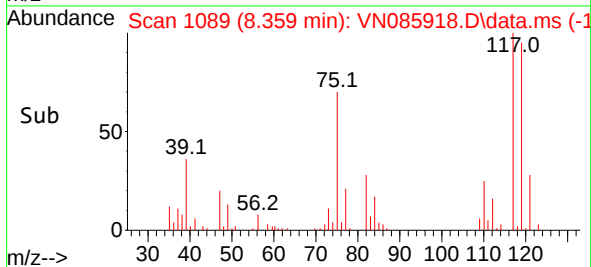
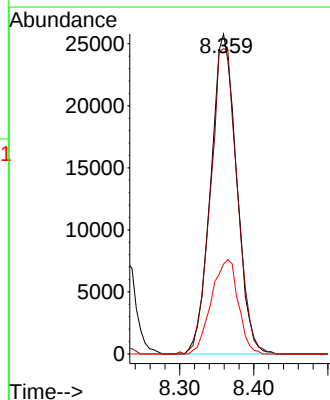
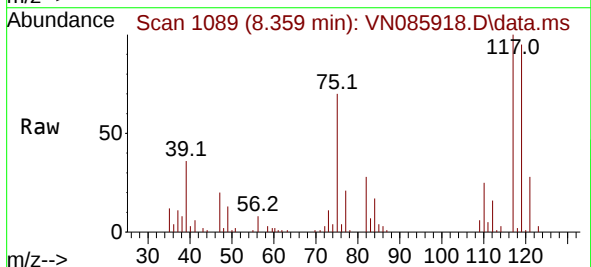
Delta R.T. 0.006 min

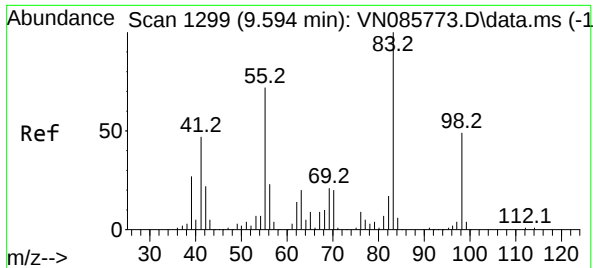
Lab File: VN085918.D

Acq: 10 Mar 2025 16:47

Tgt Ion:117 Resp: 62407

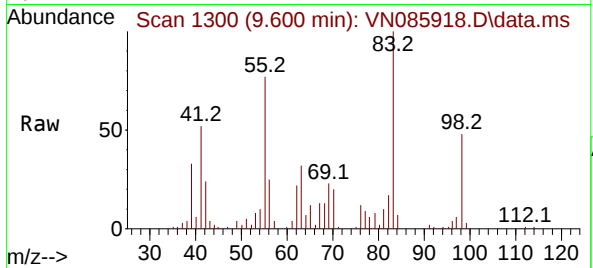
Ion	Ratio	Lower	Upper
117	100		
119	95.3	73.8	110.6
121	28.1	24.3	36.5





#39
Methylcyclohexane
Concen: 18.568 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

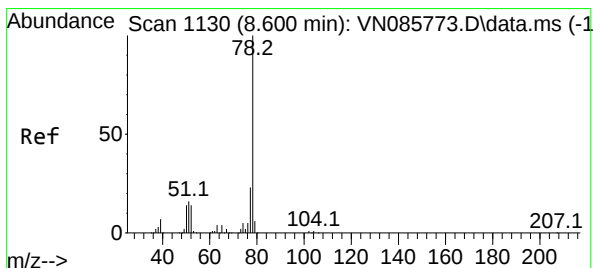
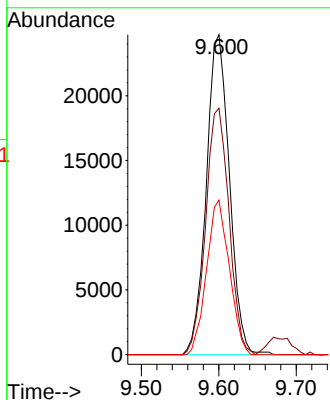
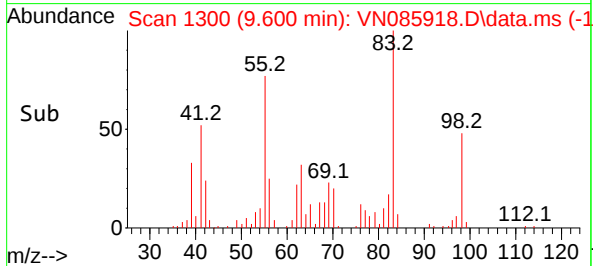
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



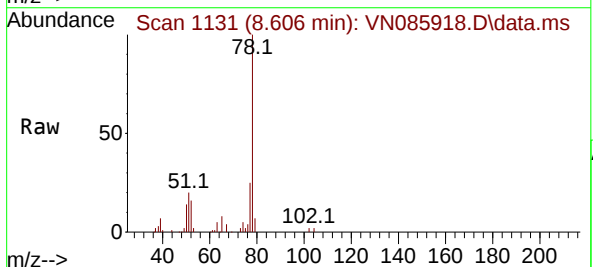
Tgt Ion: 83 Resp: 5137
Ion Ratio Lower Upper
83 100
55 77.0 57.5 86.3
98 48.3 39.2 58.8

Manual Integrations
APPROVED

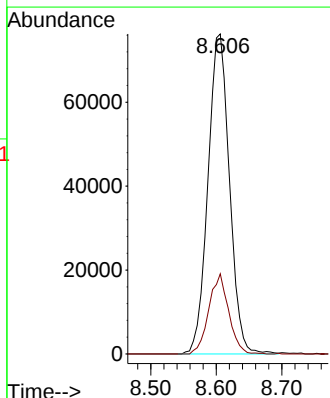
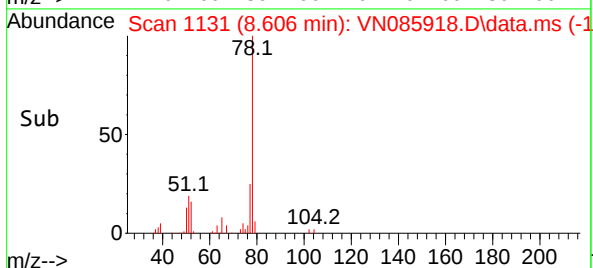
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#40
Benzene
Concen: 19.252 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



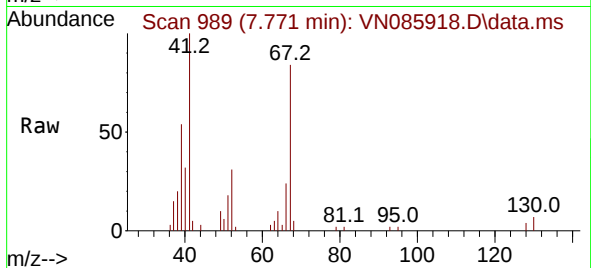
Tgt Ion: 78 Resp: 173763
Ion Ratio Lower Upper
78 100
77 25.1 18.3 27.5





#41
Methacrylonitrile
Concen: 20.096 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

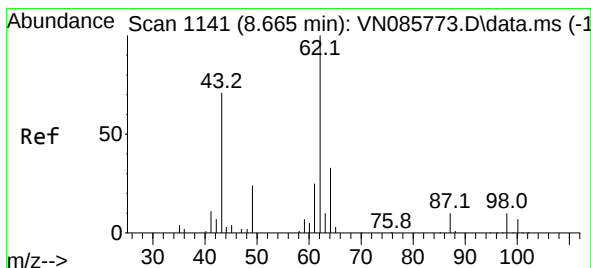
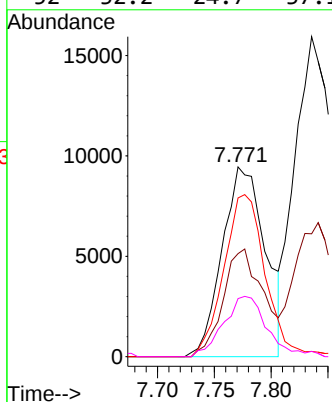
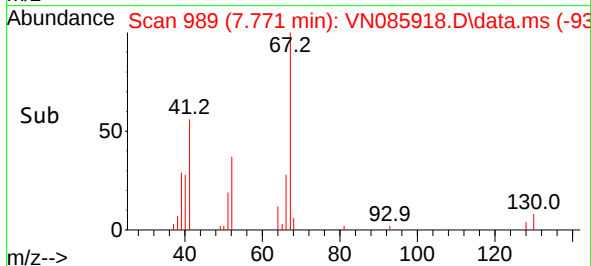
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion: 41 Resp: 2489
Ion Ratio Lower Upper
41 100
39 52.9 42.0 63.0
67 82.4 64.2 96.4
52 32.2 24.7 37.1

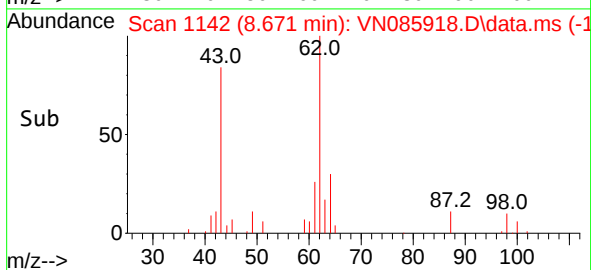
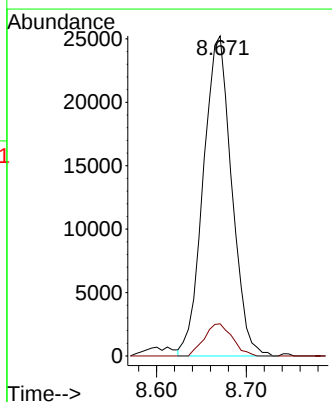
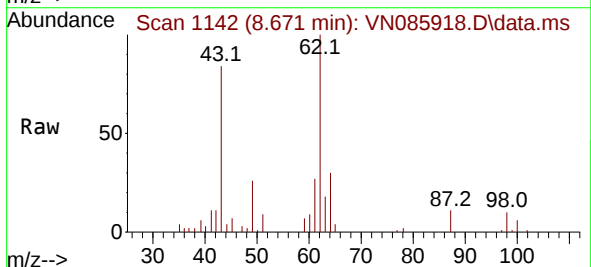
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#42
1,2-Dichloroethane
Concen: 18.855 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Tgt Ion: 62 Resp: 55432
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.6





#43

Isopropyl Acetate

Concen: 20.541 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN085918.D

Acq: 10 Mar 2025 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

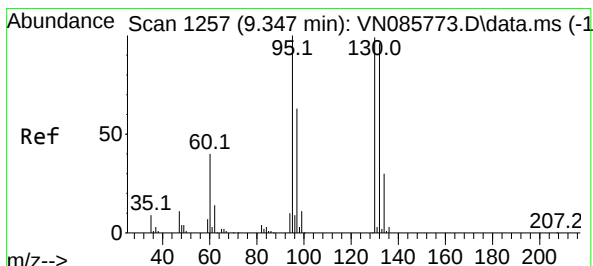
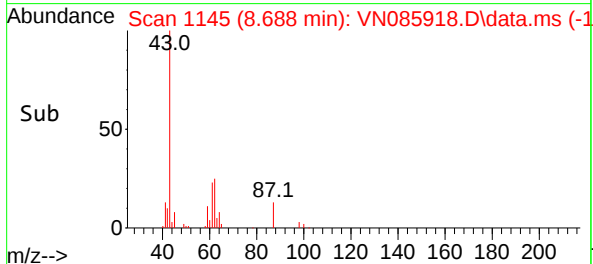
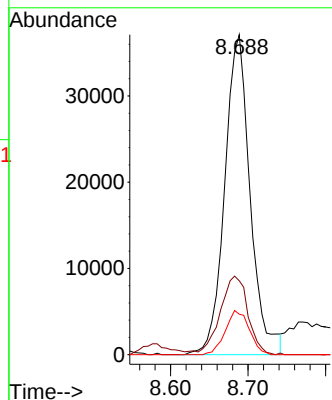
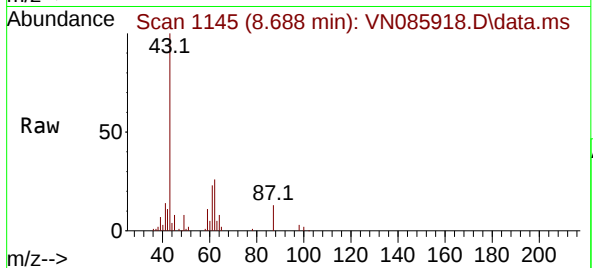
Tgt Ion: 43	Resp: 8485
Ion Ratio	Lower Upper
43	100
61	26.8 22.6 34.0
87	13.0 11.8 17.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#44

Trichloroethene

Concen: 17.280 ug/l

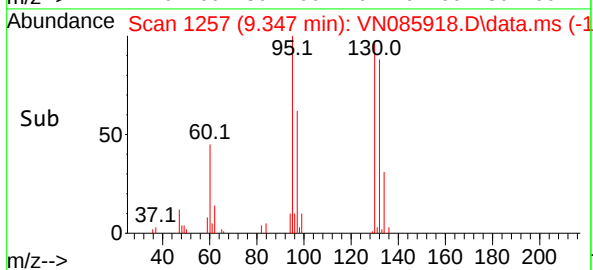
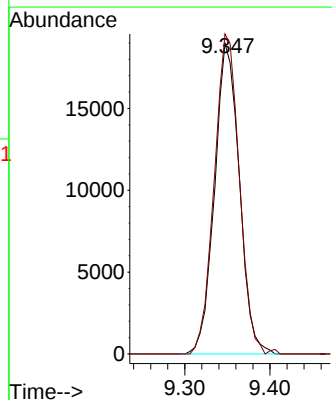
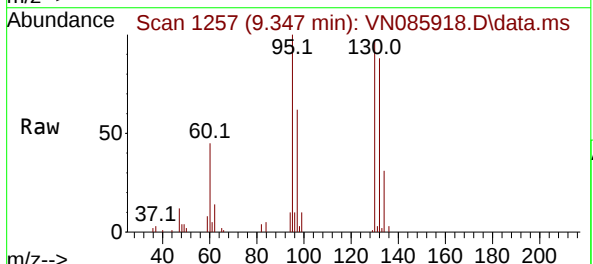
RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN085918.D

Acq: 10 Mar 2025 16:47

Tgt Ion:130	Resp: 38294
Ion Ratio	Lower Upper
130	100
95	103.0 0.0 202.6





#45

1,2-Dichloropropane

Concen: 19.338 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN085918.D

Acq: 10 Mar 2025 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

Tgt Ion: 63 Resp: 4213

Ion Ratio Lower Upper

63 100

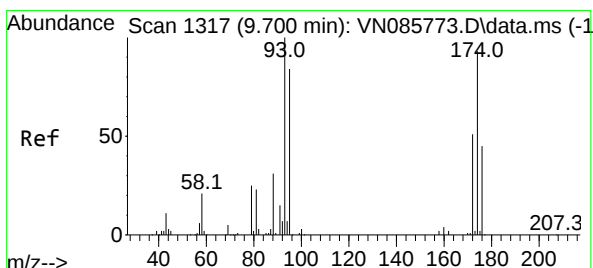
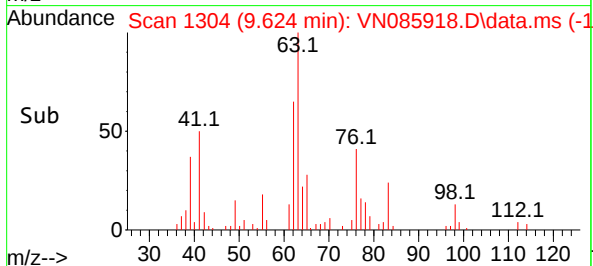
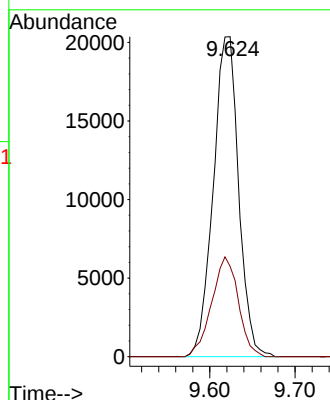
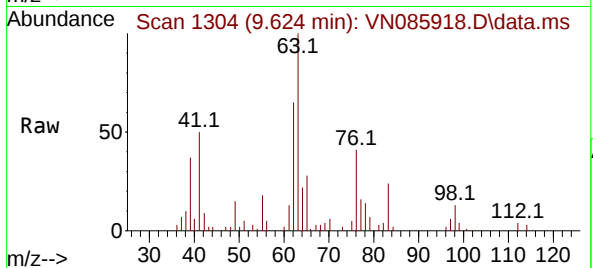
65 28.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#46

Dibromomethane

Concen: 19.076 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085918.D

Acq: 10 Mar 2025 16:47

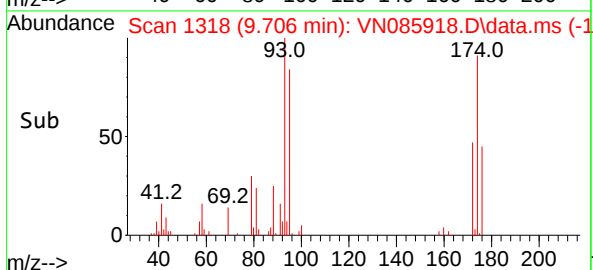
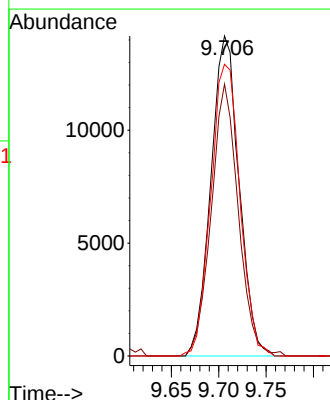
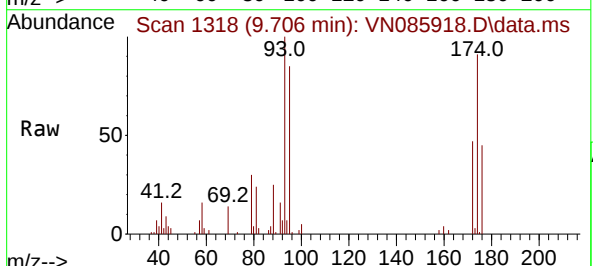
Tgt Ion: 93 Resp: 29316

Ion Ratio Lower Upper

93 100

95 81.7 66.7 100.1

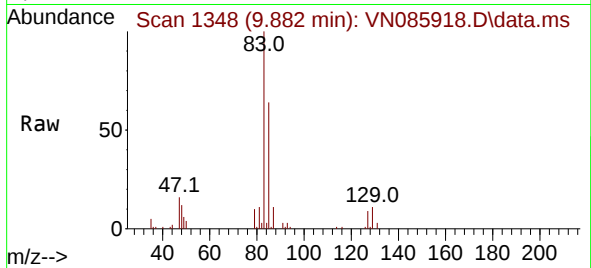
174 94.4 77.2 115.8





#47
Bromodichloromethane
Concen: 18.685 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

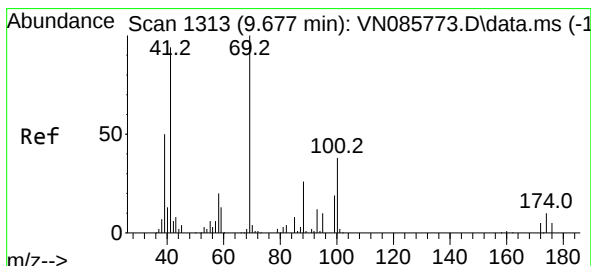
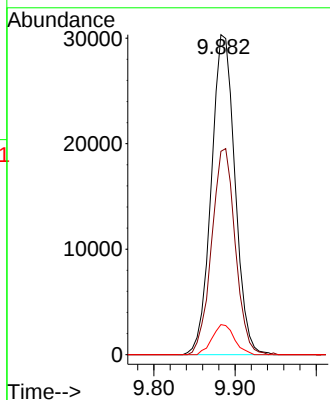
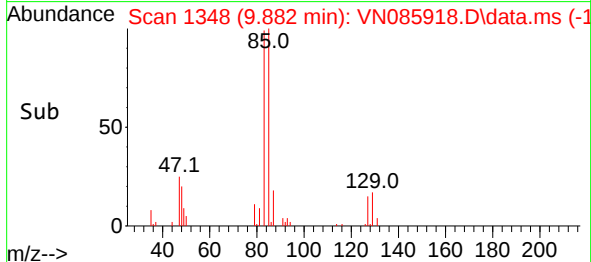
Instrument :
MSVOA_N
Client SampleId :
VN0310WBSD01



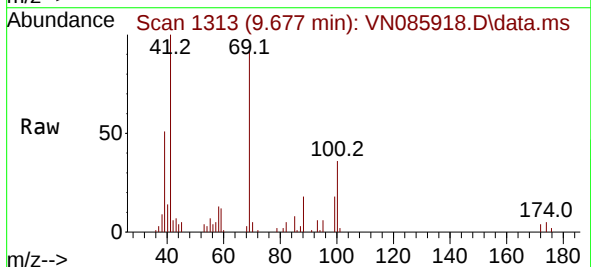
Tgt Ion: 83 Resp: 6143
Ion Ratio Lower Upper
83 100
85 63.5 50.5 75.7
127 9.4 7.2 10.8

Manual Integrations
APPROVED

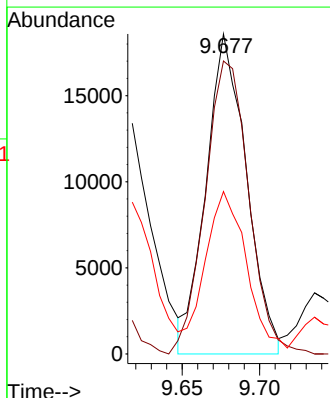
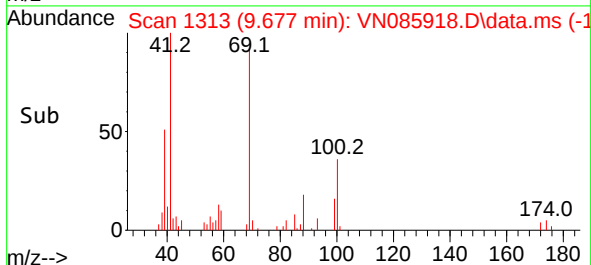
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

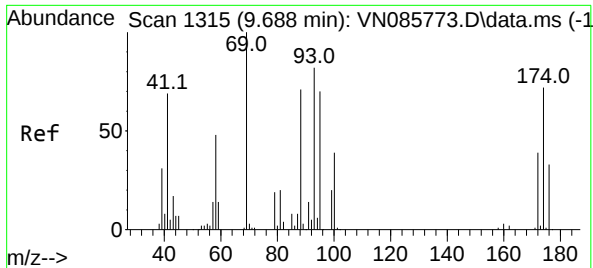


#48
Methyl methacrylate
Concen: 19.529 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



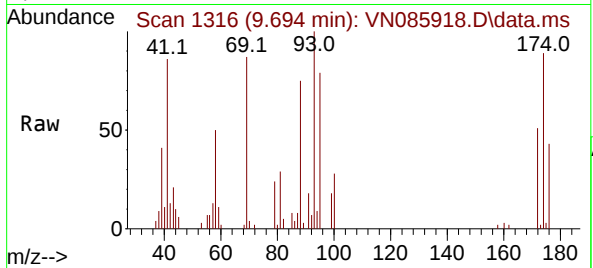
Tgt Ion: 41 Resp: 33611
Ion Ratio Lower Upper
41 100
69 99.2 76.0 114.0
39 52.9 42.3 63.5





#49
1,4-Dioxane
Concen: 418.066 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

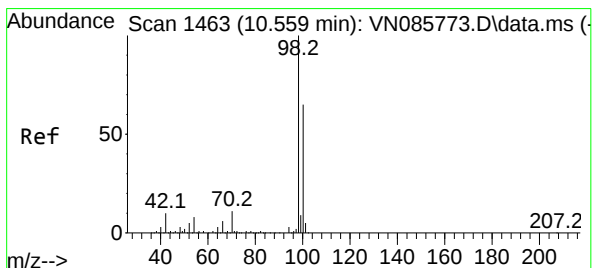
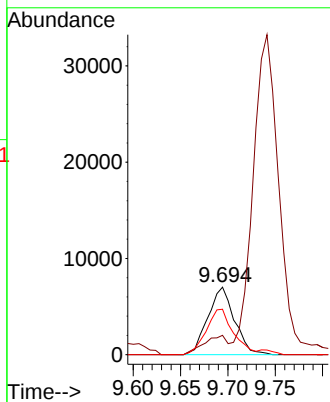
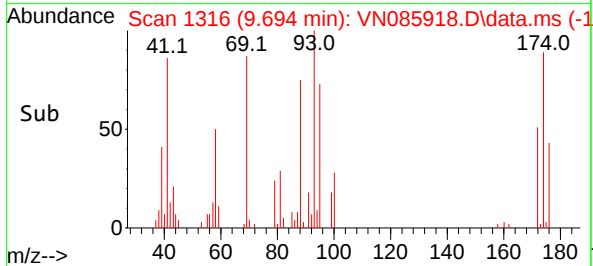
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion: 88 Resp: 1368
Ion Ratio Lower Upper
88 100
43 25.1 18.6 27.8
58 68.4 56.7 85.1

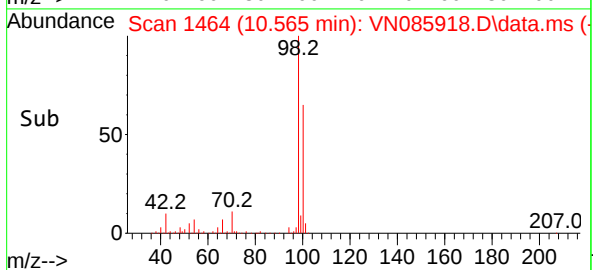
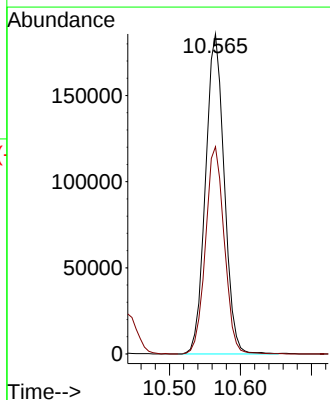
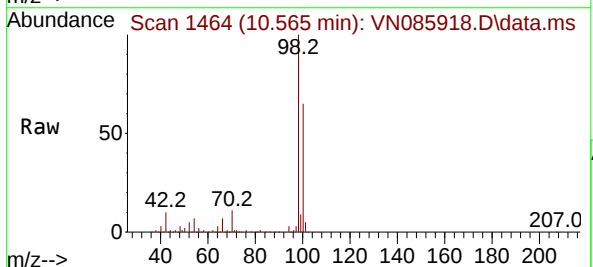
Manual Integrations
APPROVED

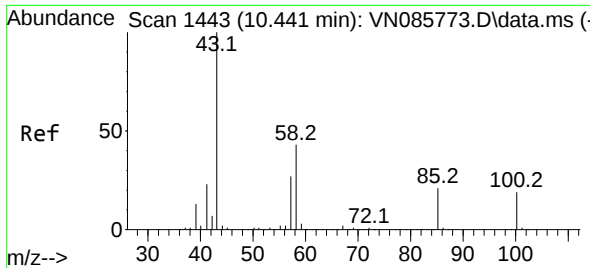
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#50
Toluene-d8
Concen: 46.895 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

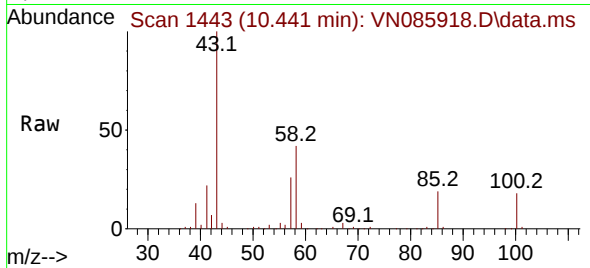
Tgt Ion: 98 Resp: 339498
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 103.195 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

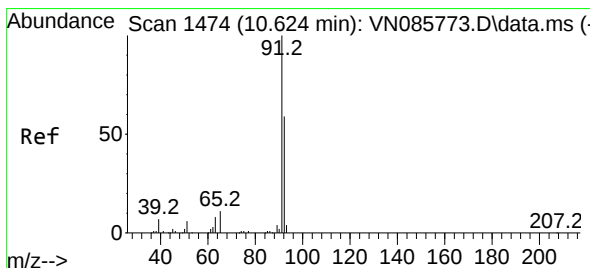
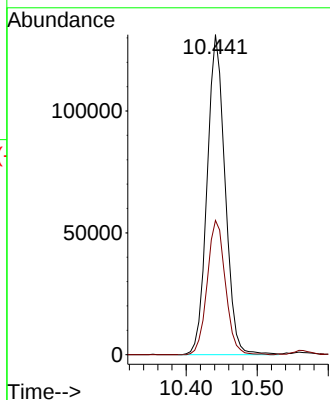
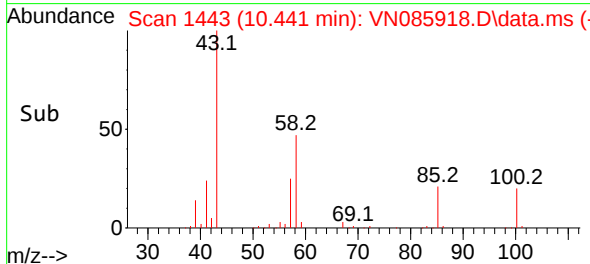
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



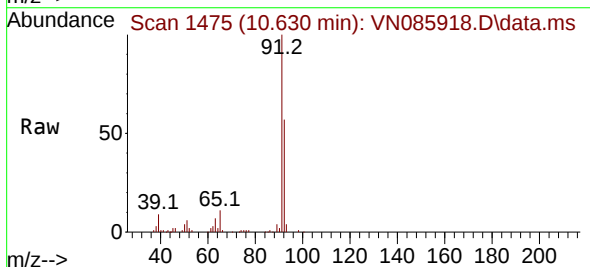
Tgt Ion: 43 Resp: 230578
Ion Ratio Lower Upper
43 100
58 42.5 34.6 52.0

Manual Integrations
APPROVED

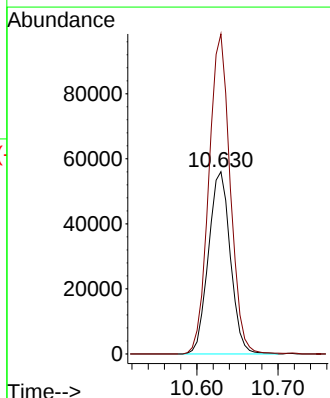
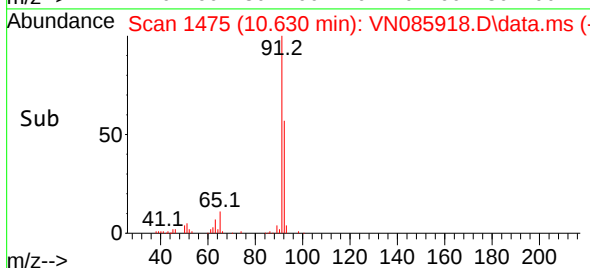
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

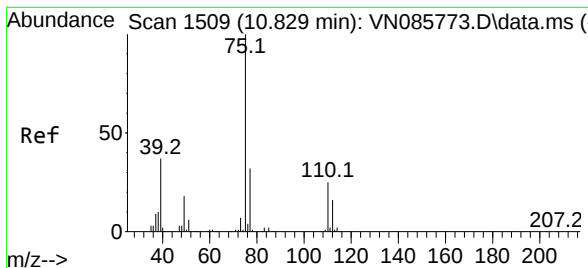


#52
Toluene
Concen: 19.846 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



Tgt Ion: 92 Resp: 105004
Ion Ratio Lower Upper
92 100
91 171.4 136.9 205.3





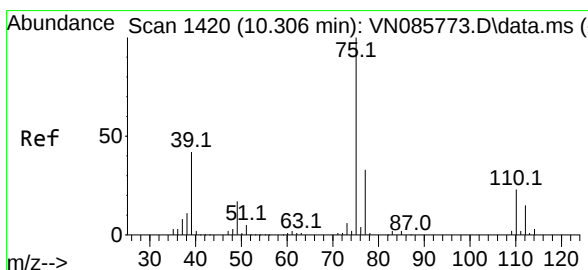
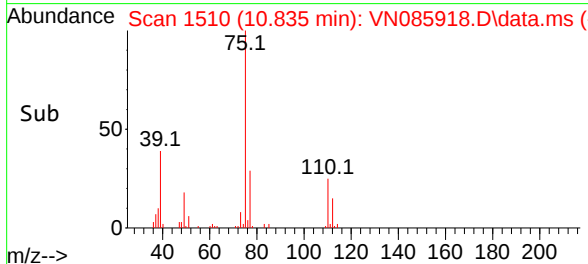
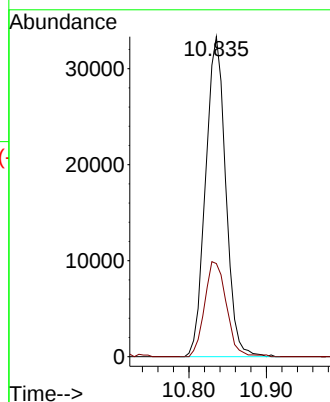
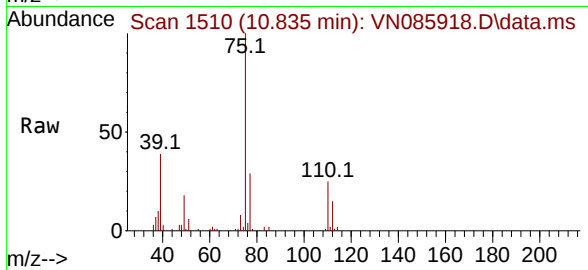
#53
t-1,3-Dichloropropene
Concen: 19.770 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion: 75 Resp: 60104
Ion Ratio Lower Upper
75 100
77 29.1 25.4 38.0

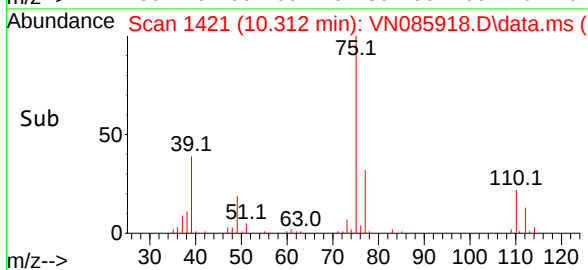
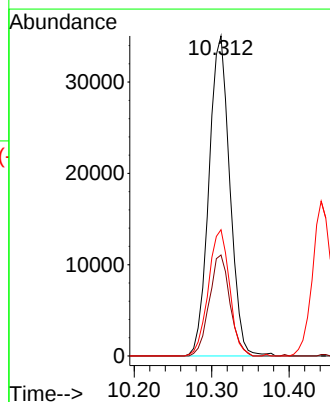
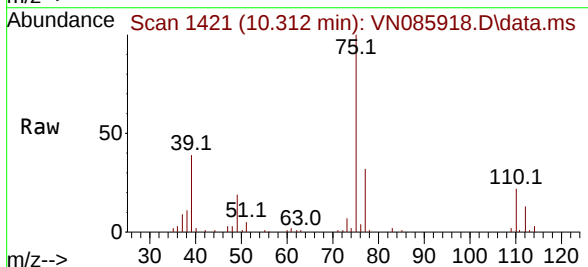
Manual Integrations
APPROVED

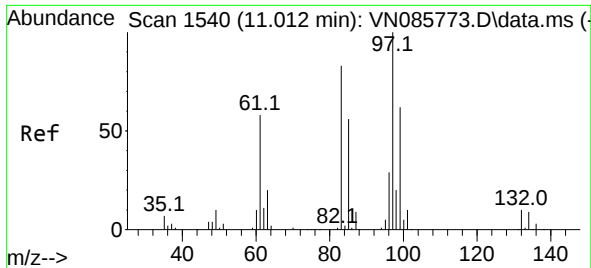
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#54
cis-1,3-Dichloropropene
Concen: 19.711 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

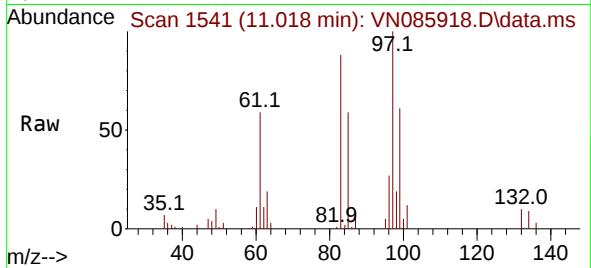
Tgt Ion: 75 Resp: 65714
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1
39 39.5 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 18.539 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

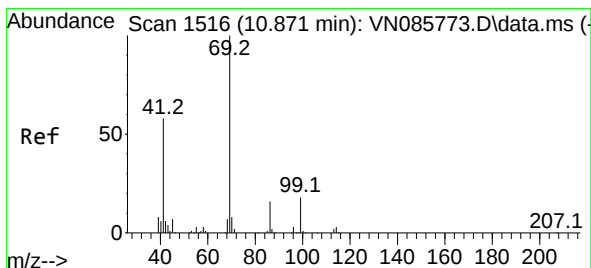
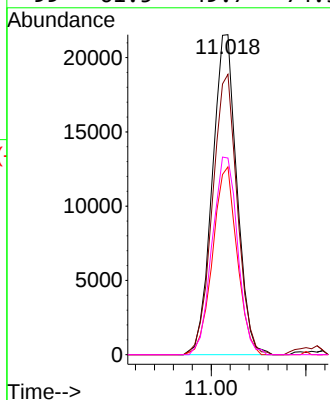
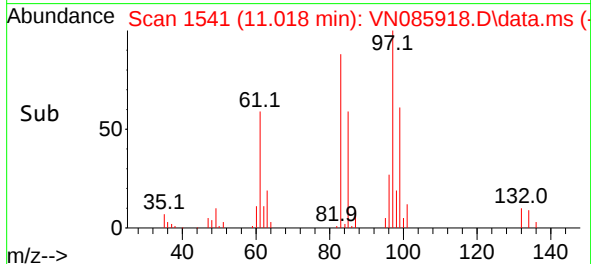
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



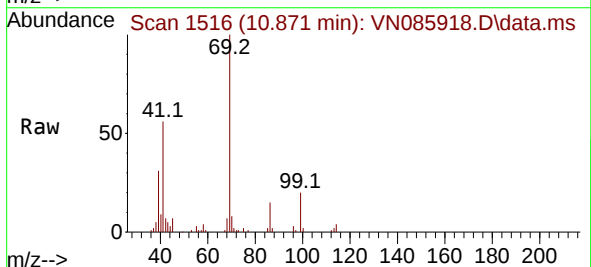
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.6	66.1	99.1
85	58.7	44.7	67.1
99	61.5	49.7	74.5

Manual Integrations
APPROVED

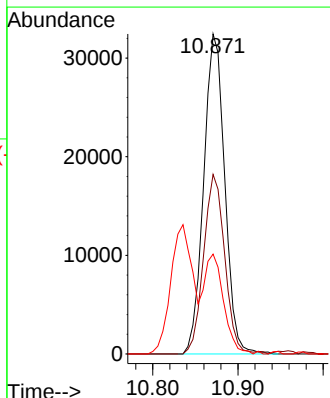
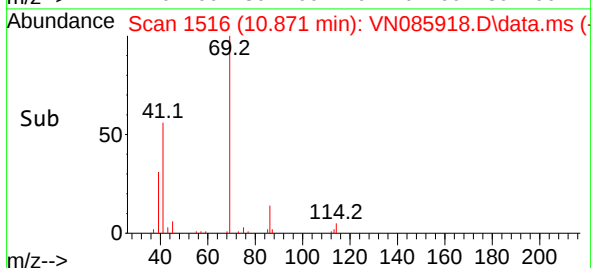
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

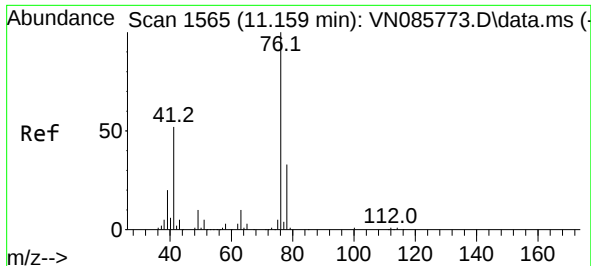


#56
Ethyl methacrylate
Concen: 20.042 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.4	46.0	69.0
39	29.4	22.0	33.0





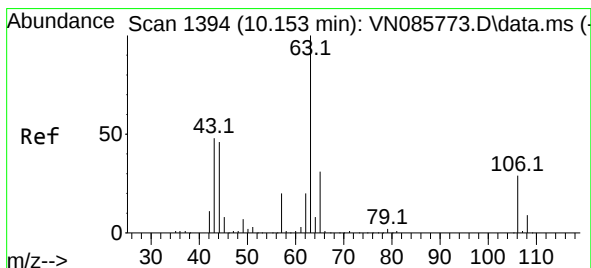
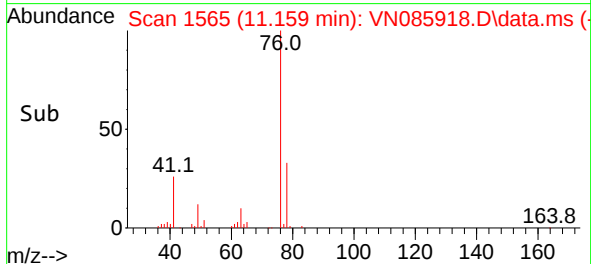
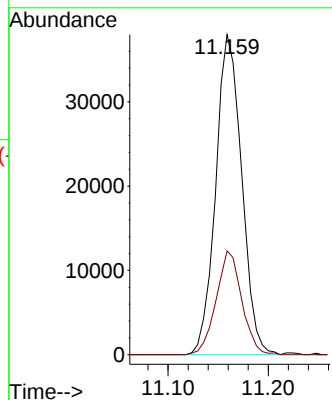
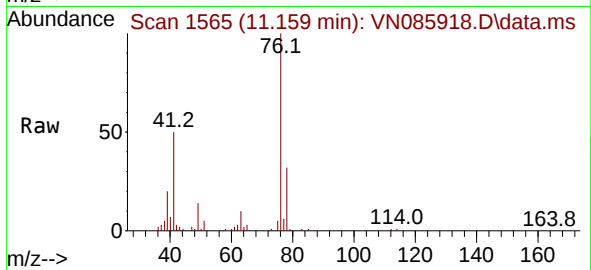
#57
1,3-Dichloropropane
Concen: 19.446 ug/l
RT: 11.159 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion: 76 Resp: 6828
Ion Ratio Lower Upper
76 100
78 31.9 25.9 38.9

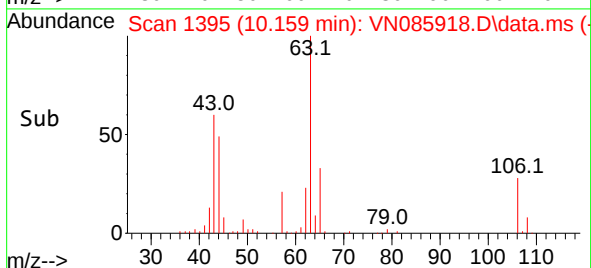
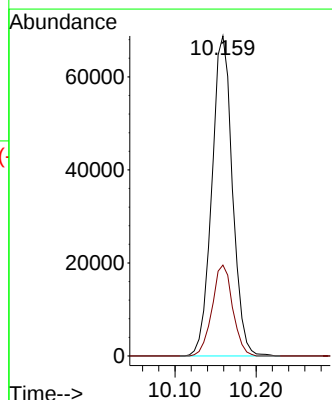
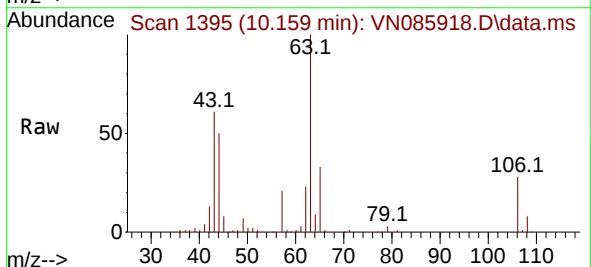
Manual Integrations
APPROVED

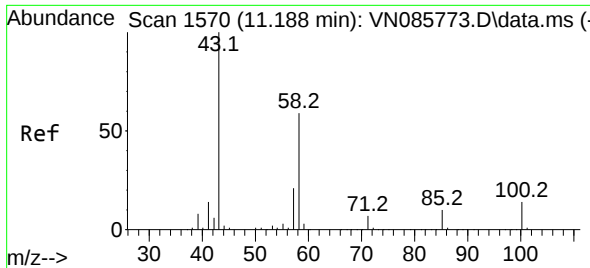
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#58
2-Chloroethyl Vinyl ether
Concen: 119.643 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Tgt Ion: 63 Resp: 121081
Ion Ratio Lower Upper
63 100
106 28.3 22.7 34.1





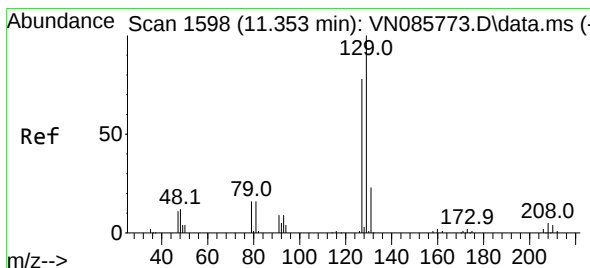
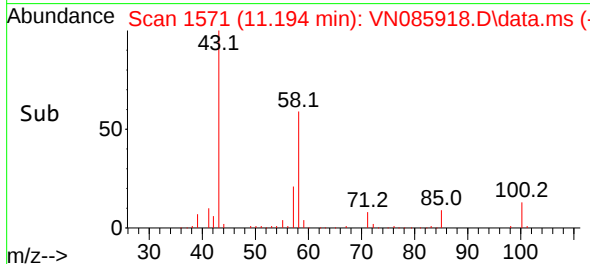
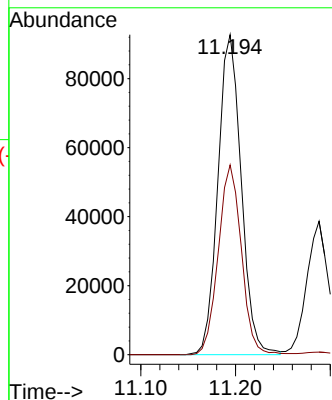
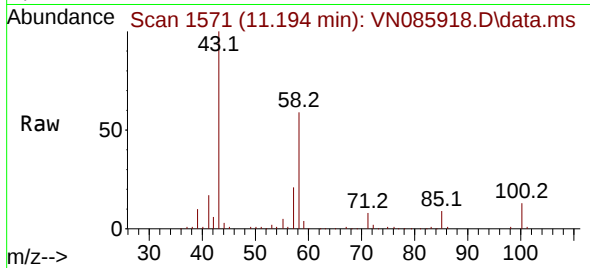
#59
2-Hexanone
Concen: 103.085 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion: 43 Resp: 158450
Ion Ratio Lower Upper
43 100
58 58.7 29.8 89.5

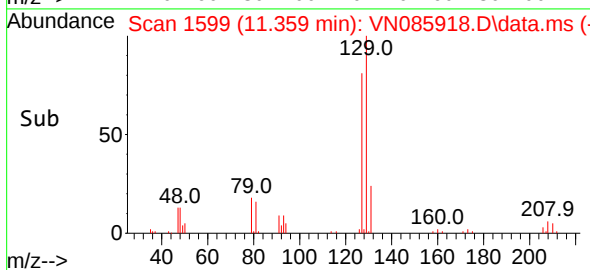
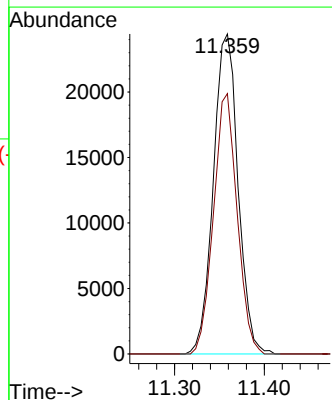
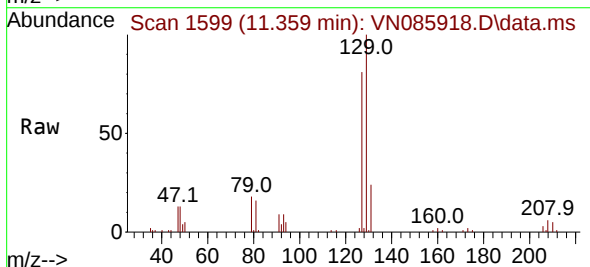
Manual Integrations
APPROVED

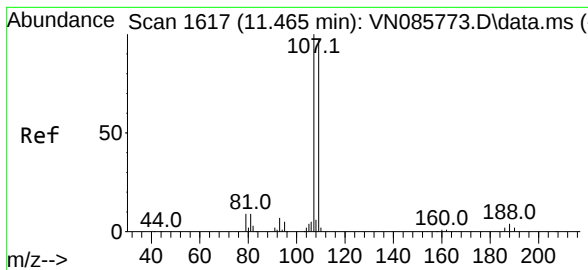
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#60
Dibromochloromethane
Concen: 19.093 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

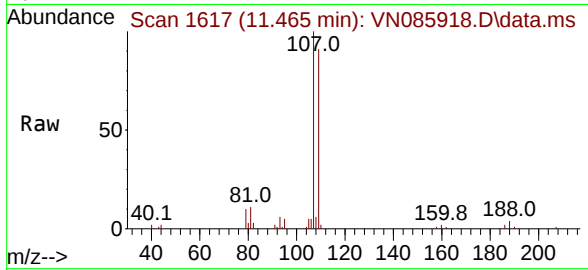
Tgt Ion:129 Resp: 46769
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.5





#61
1,2-Dibromoethane
Concen: 19.441 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

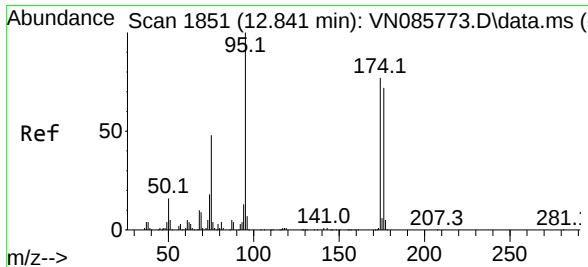
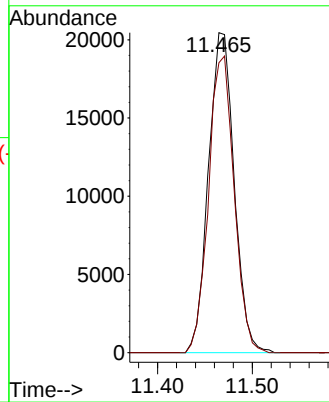
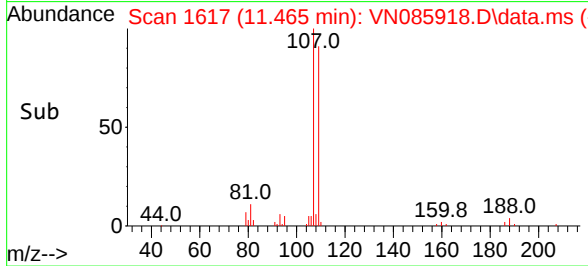
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



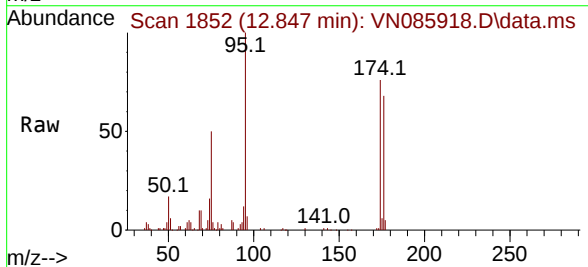
Tgt Ion:107 Resp: 3864
Ion Ratio Lower Upper
107 100
109 92.1 76.0 114.0

Manual Integrations
APPROVED

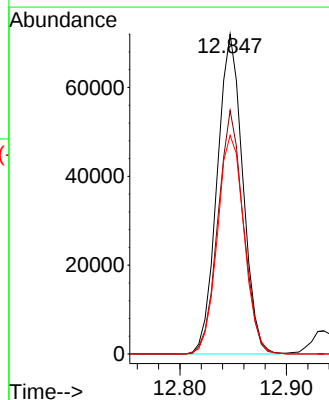
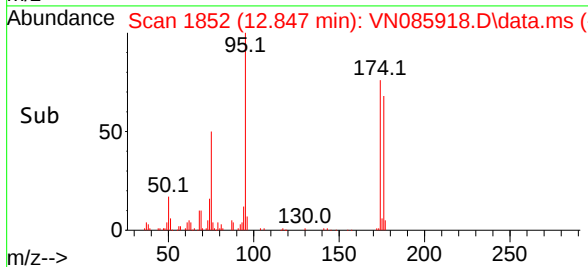
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

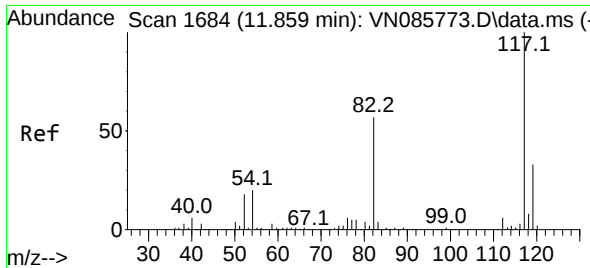


#62
4-Bromofluorobenzene
Concen: 50.354 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



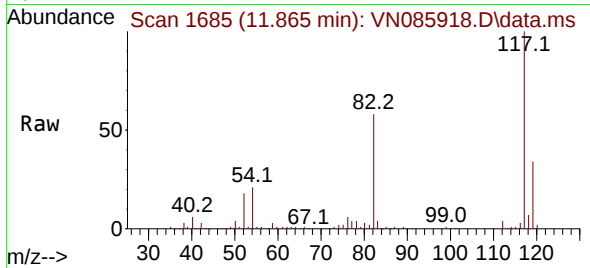
Tgt Ion: 95 Resp: 120107
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.4
176 71.3 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

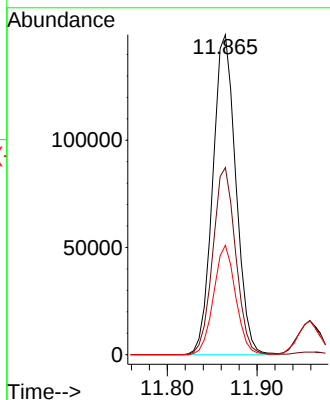
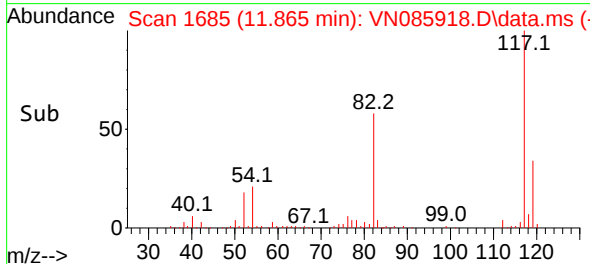
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion:117 Resp: 267080
Ion Ratio Lower Upper
117 100
82 58.4 45.7 68.5
119 34.2 26.2 39.2

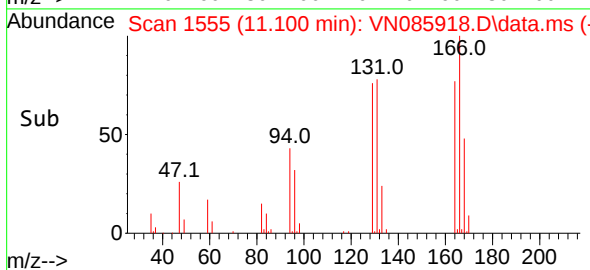
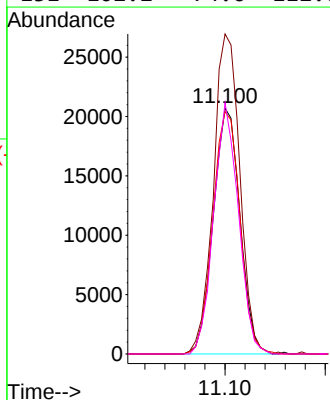
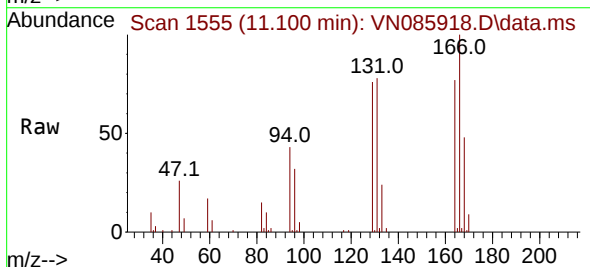
Manual Integrations
APPROVED

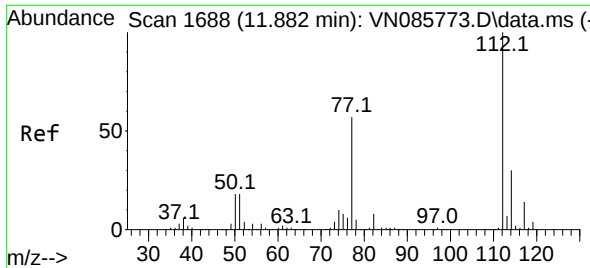
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#64
Tetrachloroethene
Concen: 18.499 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

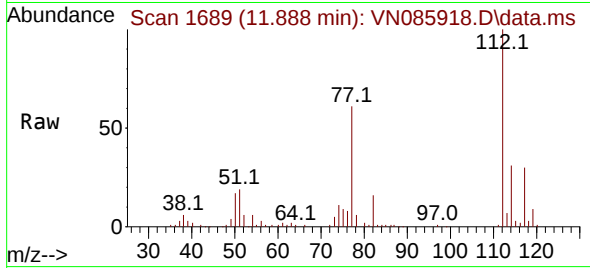
Tgt Ion:164 Resp: 38276
Ion Ratio Lower Upper
164 100
166 130.2 107.2 160.8
129 98.6 80.7 121.1
131 102.2 74.6 112.0





#65
Chlorobenzene
Concen: 18.122 ug/l
RT: 11.888 min Scan# 11087
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

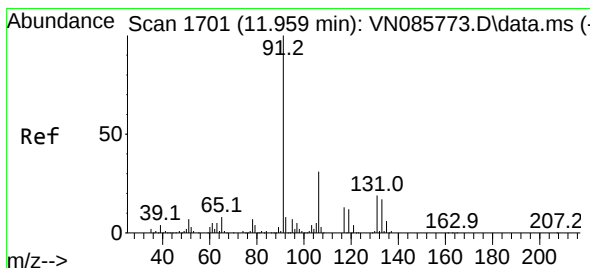
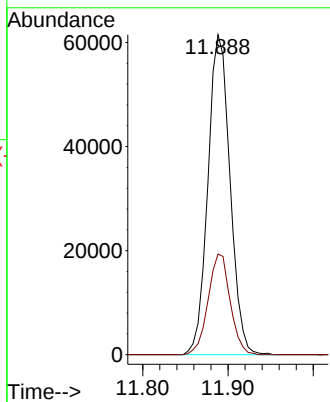
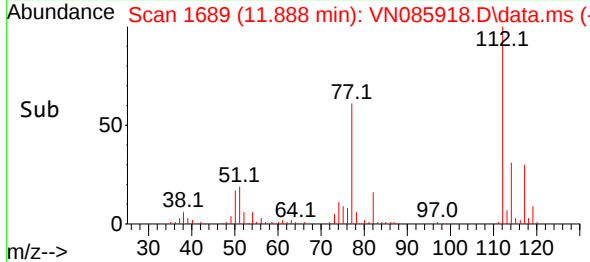
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



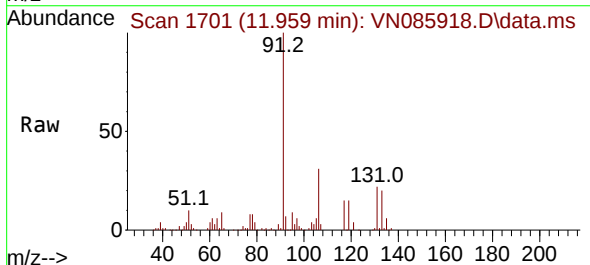
Tgt Ion:112 Resp: 11087
Ion Ratio Lower Upper
112 100
114 31.4 24.3 36.5

Manual Integrations
APPROVED

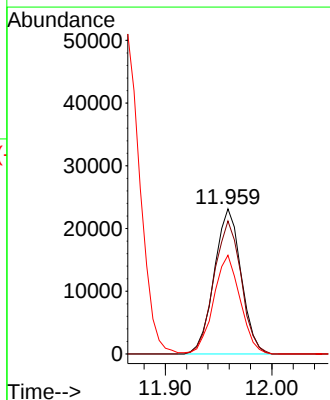
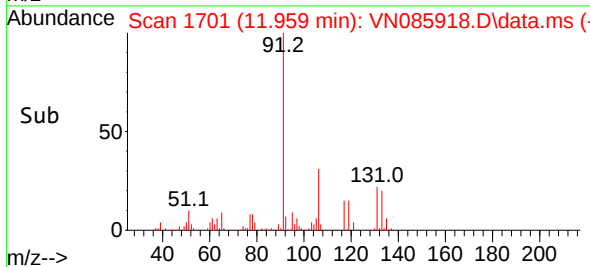
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.462 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



Tgt Ion:131 Resp: 40601
Ion Ratio Lower Upper
131 100
133 93.1 47.7 143.1
119 67.2 33.3 99.8





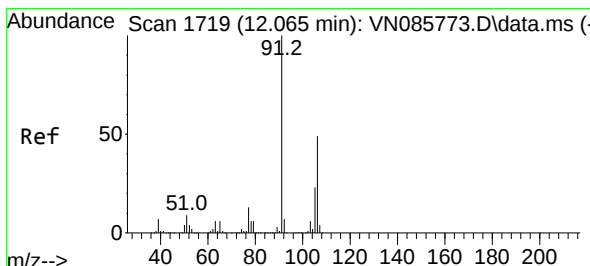
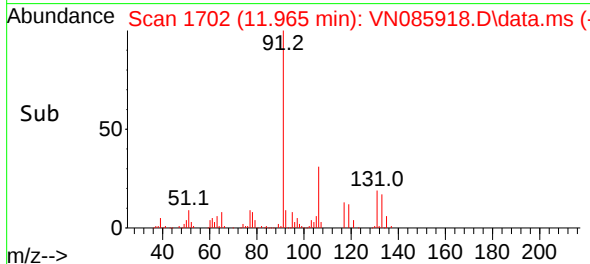
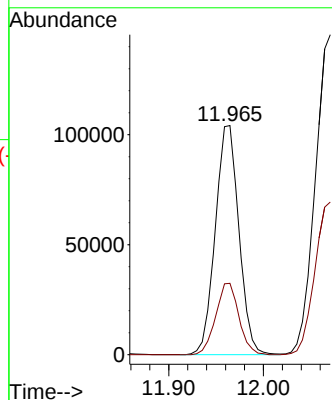
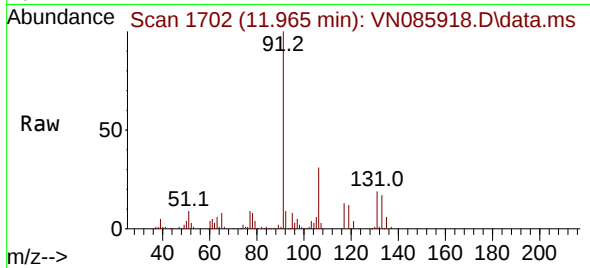
#67
Ethyl Benzene
Concen: 18.874 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion: 91 Resp: 18089
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1

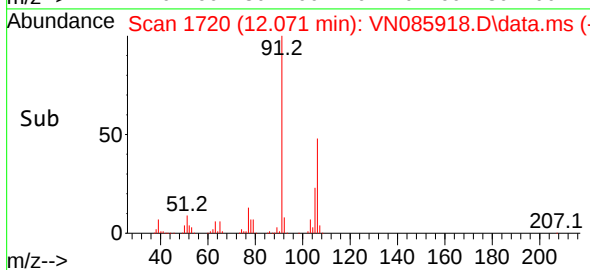
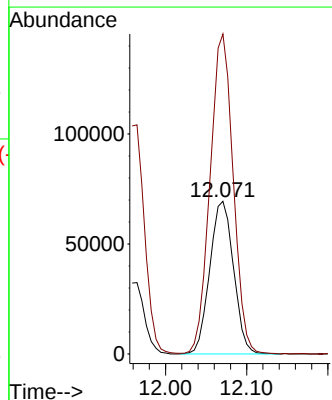
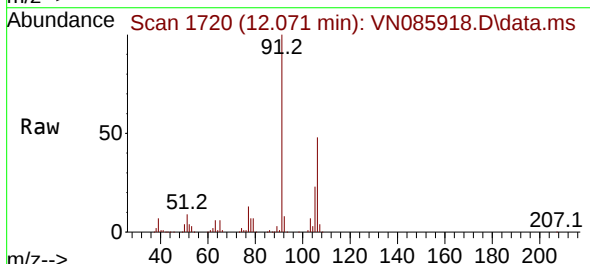
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#68
m/p-Xylenes
Concen: 38.793 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Tgt Ion:106 Resp: 141229
Ion Ratio Lower Upper
106 100
91 204.1 163.3 244.9





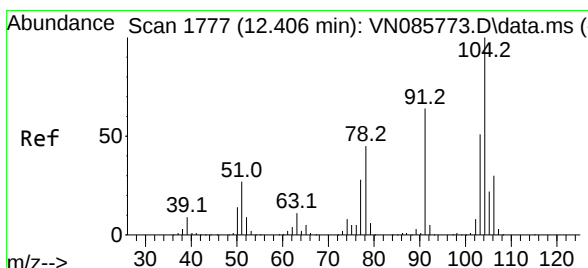
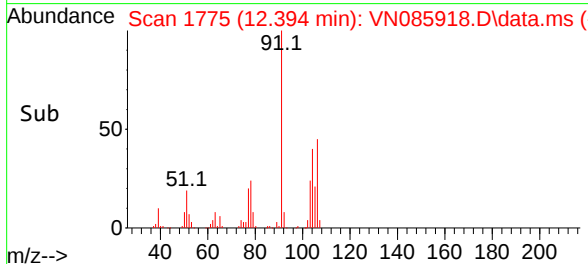
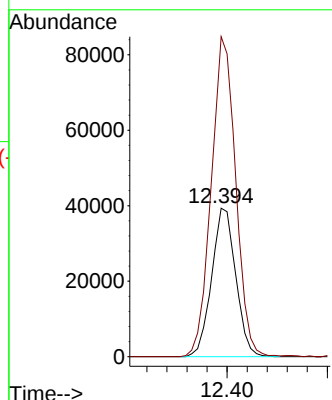
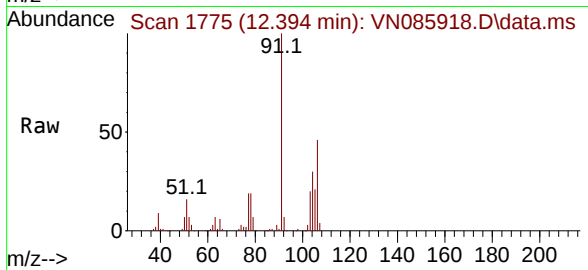
#69
o-Xylene
Concen: 18.963 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion:106 Resp: 6560
Ion Ratio Lower Upper
106 100
91 219.2 107.1 321.4

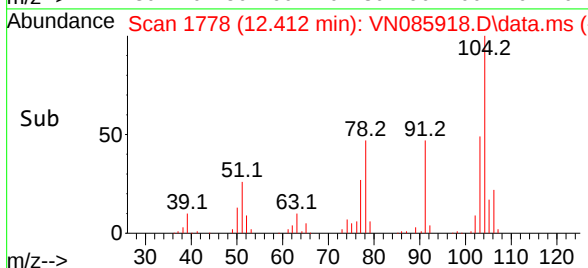
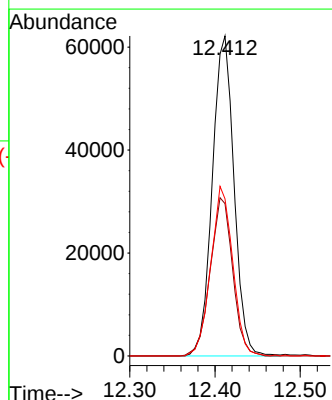
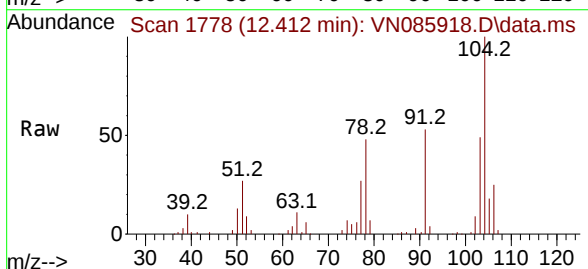
Manual Integrations
APPROVED

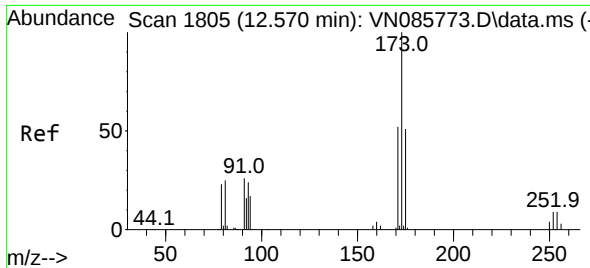
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#70
Styrene
Concen: 18.542 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

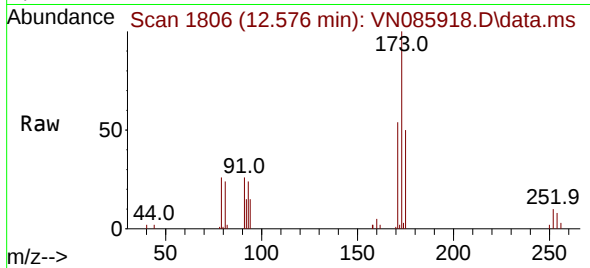
Tgt Ion:104 Resp: 109997
Ion Ratio Lower Upper
104 100
78 51.0 39.0 58.6
103 53.5 43.3 64.9





#71
Bromoform
Concen: 19.014 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

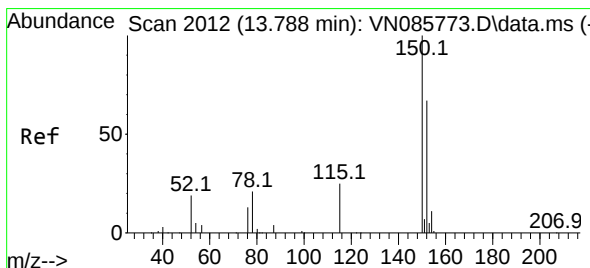
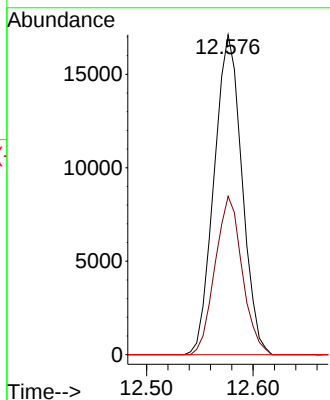
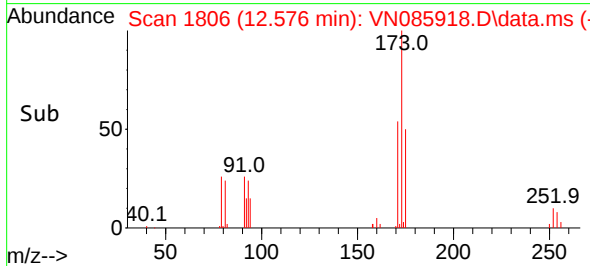
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



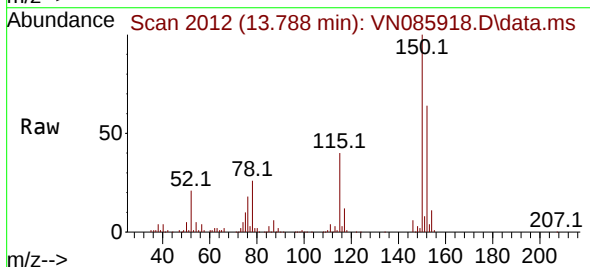
Tgt Ion:173 Resp: 3107
Ion Ratio Lower Upper
173 100
175 48.1 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

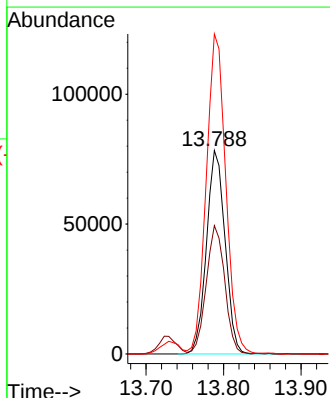
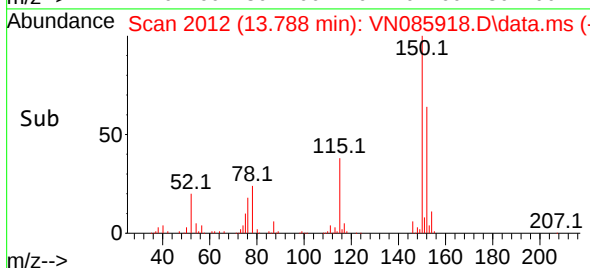
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

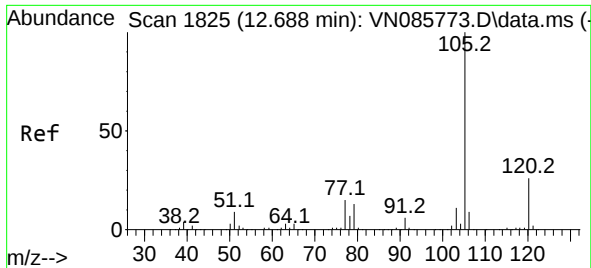


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



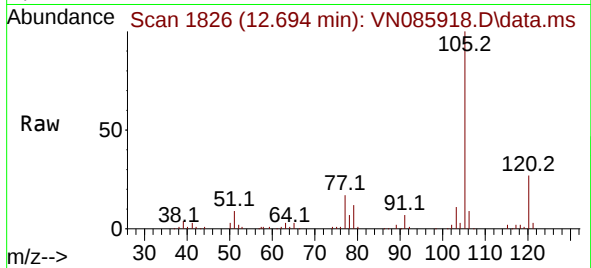
Tgt Ion:152 Resp: 130620
Ion Ratio Lower Upper
152 100
115 62.2 30.4 91.3
150 163.6 0.0 345.4





#73
Isopropylbenzene
Concen: 17.836 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

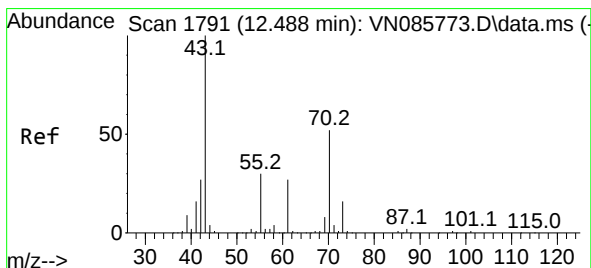
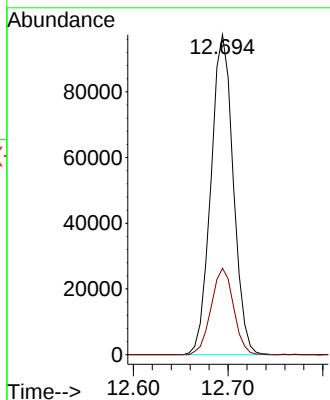
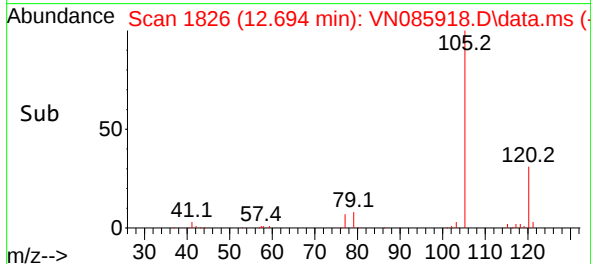
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion:105 Resp: 159608
Ion Ratio Lower Upper
105 100
120 27.0 13.0 39.0

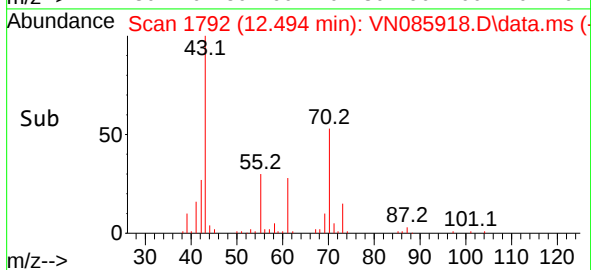
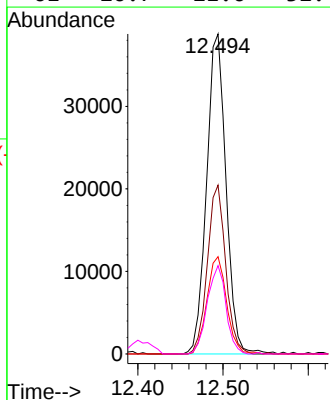
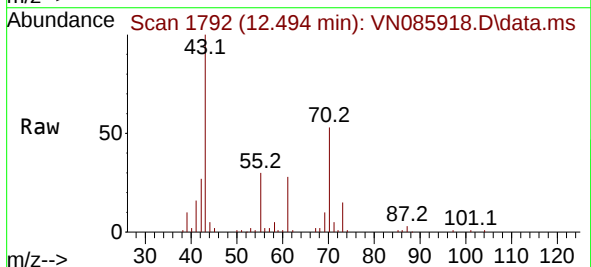
Manual Integrations
APPROVED

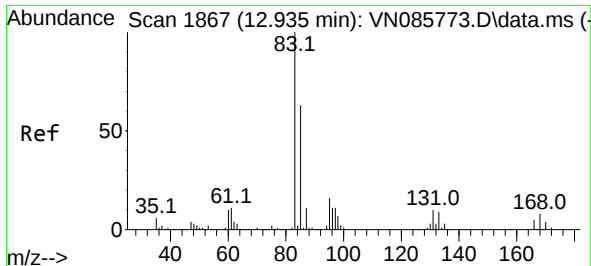
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#74
N-ethyl acetate
Concen: 19.435 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

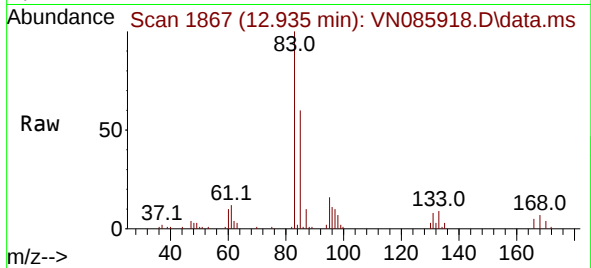
Tgt Ion: 43 Resp: 61330
Ion Ratio Lower Upper
43 100
70 49.7 41.0 61.4
55 30.9 24.6 36.8
61 26.7 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 18.039 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

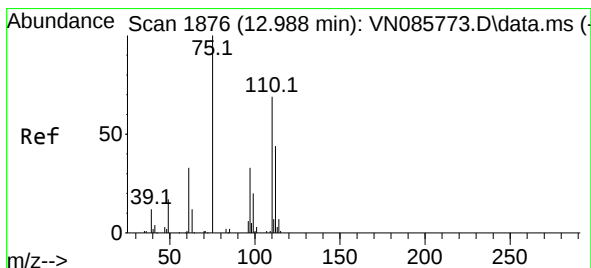
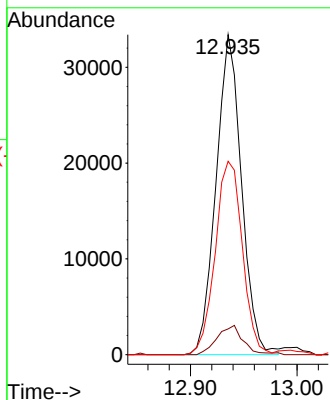
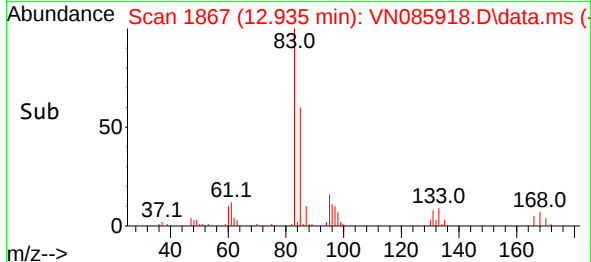
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion: 83 Resp: 55549
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 64.3 32.2 96.6

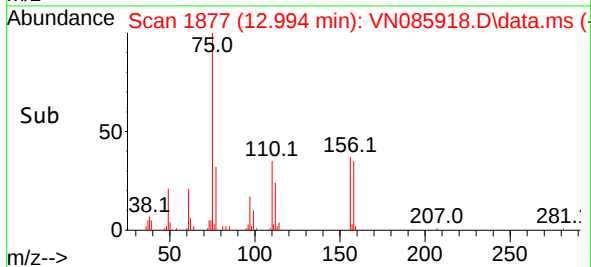
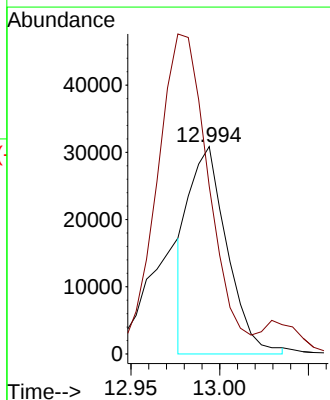
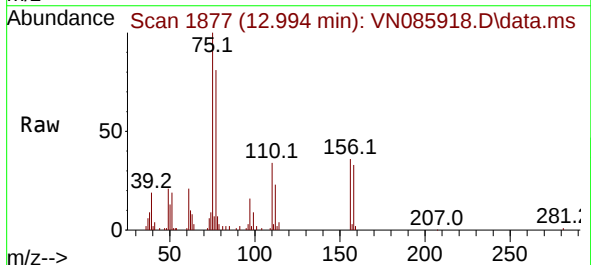
Manual Integrations
APPROVED

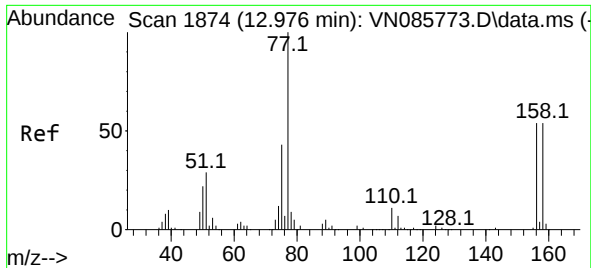
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#76
1,2,3-Trichloropropane
Concen: 16.011 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

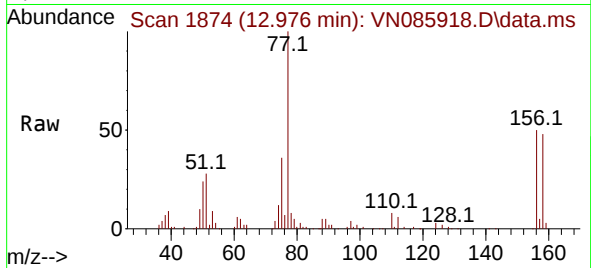
Tgt Ion: 75 Resp: 46455
Ion Ratio Lower Upper
75 100
77 208.4 100.0 300.0





#77
Bromobenzene
Concen: 17.741 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

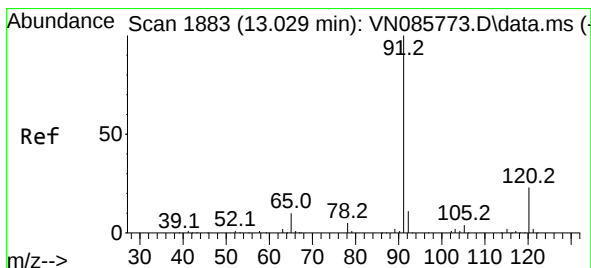
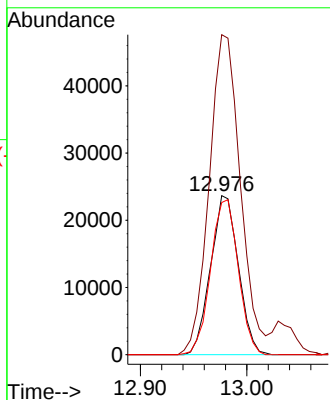
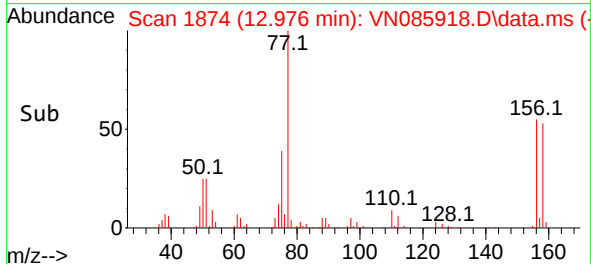
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



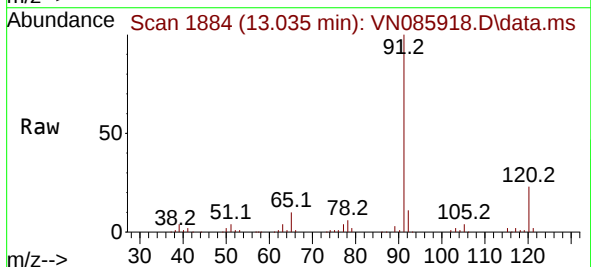
Tgt Ion:156 Resp: 42892
Ion Ratio Lower Upper
156 100
77 225.7 104.1 312.3
158 96.9 48.1 144.4

Manual Integrations
APPROVED

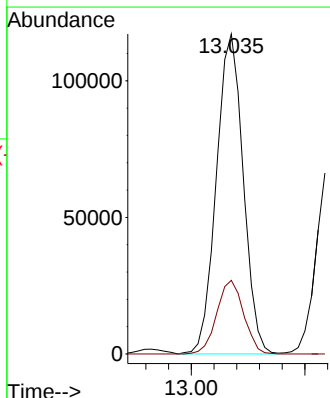
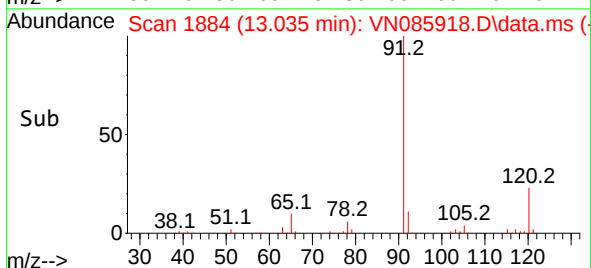
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

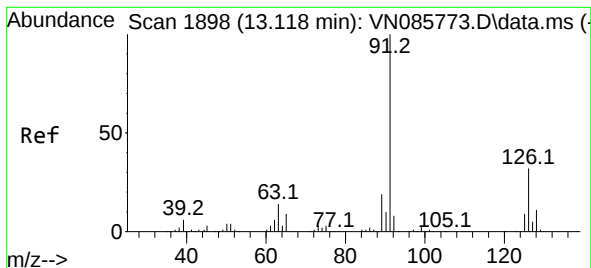


#78
n-propylbenzene
Concen: 18.786 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



Tgt Ion: 91 Resp: 192527
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.8





#79

2-Chlorotoluene

Concen: 18.316 ug/l

RT: 13.123 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VN085918.D

Acq: 10 Mar 2025 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

Tgt Ion: 91 Resp: 125420

Ion Ratio Lower Upper

91 100

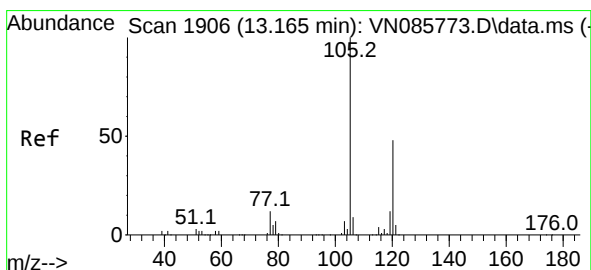
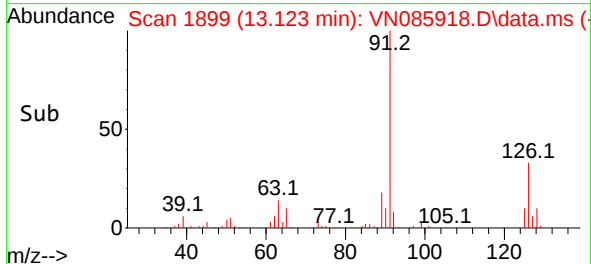
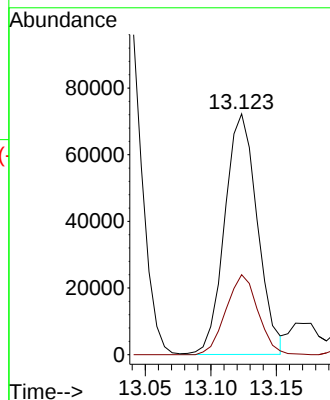
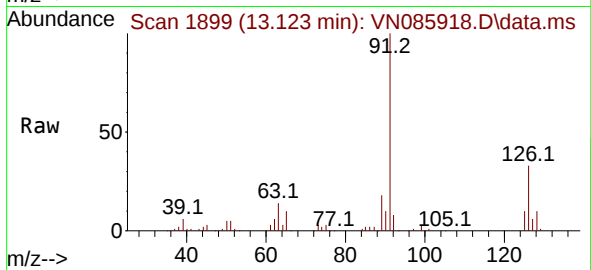
126 32.5 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#80

1,3,5-Trimethylbenzene

Concen: 19.082 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VN085918.D

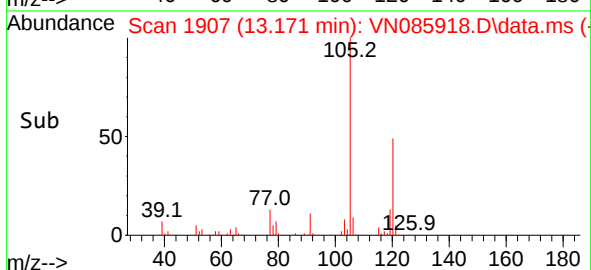
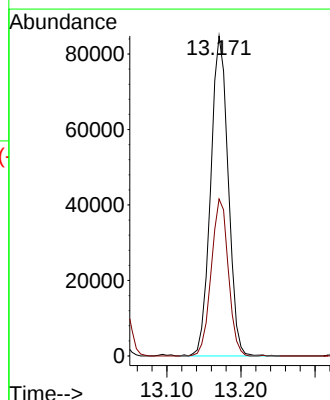
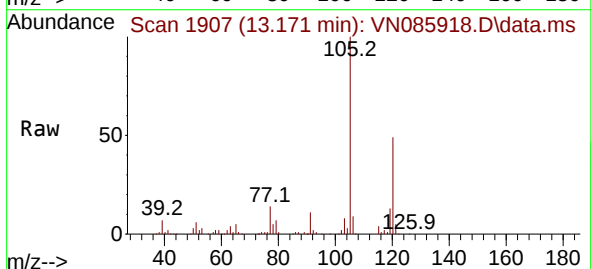
Acq: 10 Mar 2025 16:47

Tgt Ion:105 Resp: 139100

Ion Ratio Lower Upper

105 100

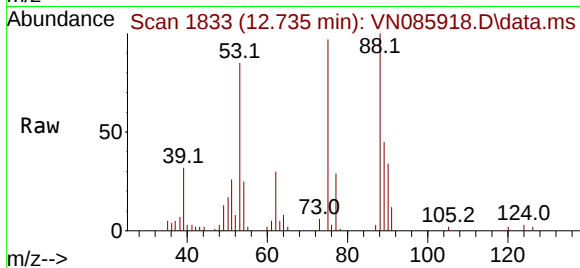
120 47.7 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 18.225 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

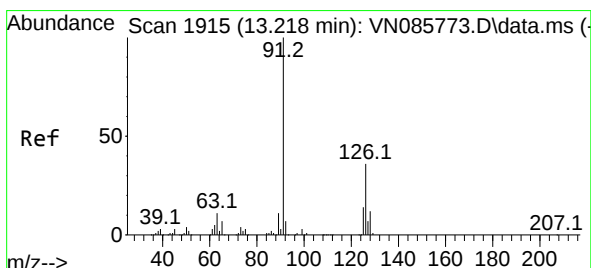
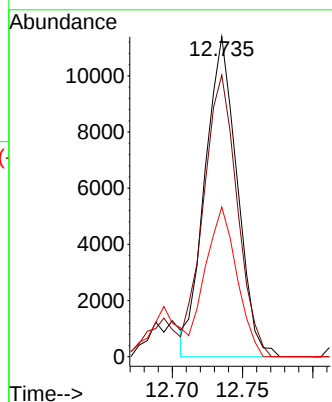
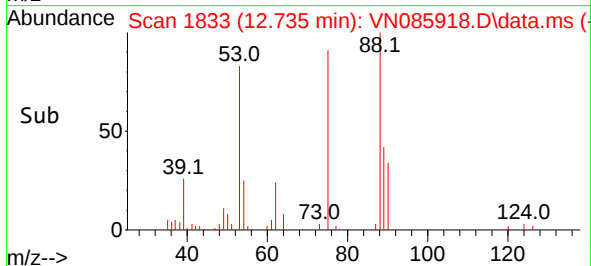
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



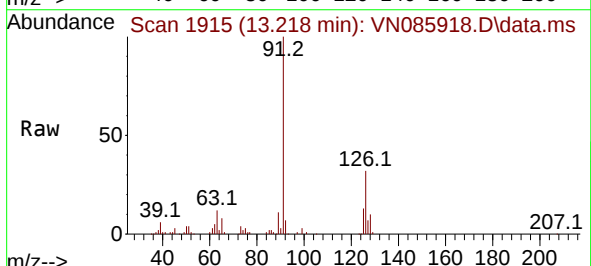
Tgt Ion: 75 Resp: 18124
Ion Ratio Lower Upper
75 100
53 92.4 74.2 111.4
89 45.4 34.9 52.3

Manual Integrations
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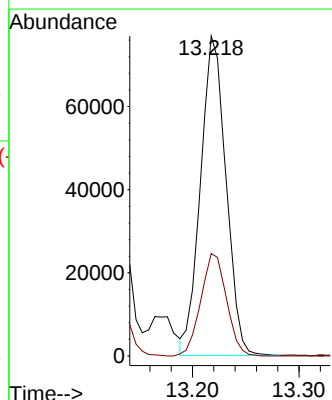
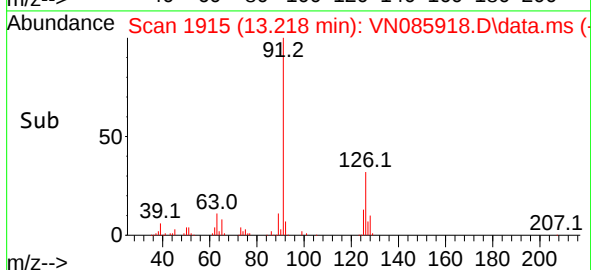
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#82
4-Chlorotoluene
Concen: 18.813 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47



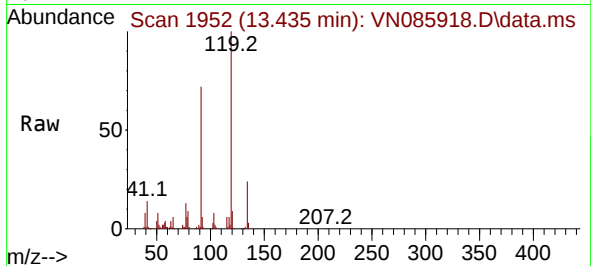
Tgt Ion: 91 Resp: 127707
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 17.655 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085918.D
 Acq: 10 Mar 2025 16:47

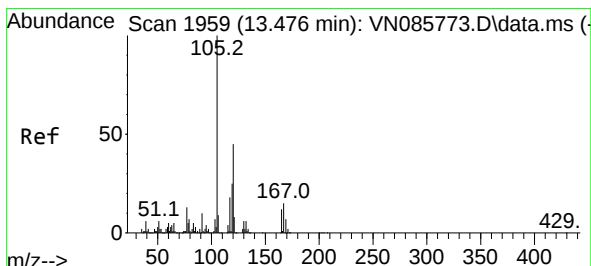
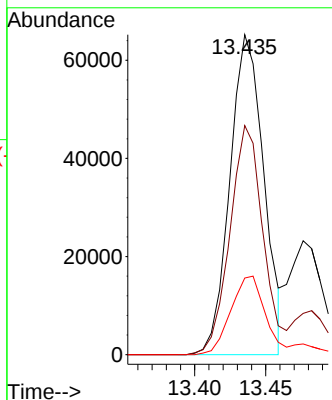
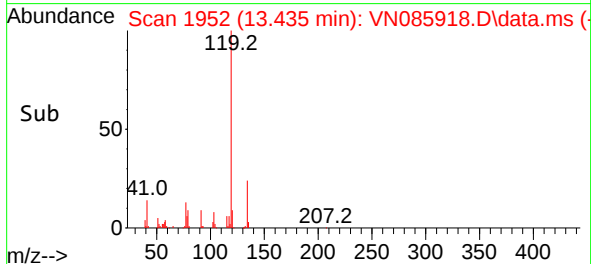
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBSD01



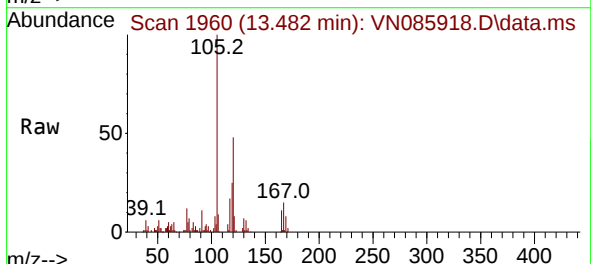
Tgt Ion:119 Resp: 108220
 Ion Ratio Lower Upper
 119 100
 91 70.3 32.5 97.5
 134 24.8 13.3 39.9

Manual Integrations
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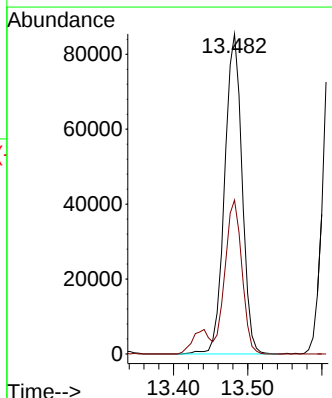
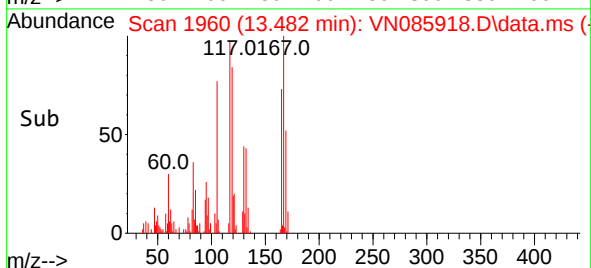
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 19.288 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085918.D
 Acq: 10 Mar 2025 16:47



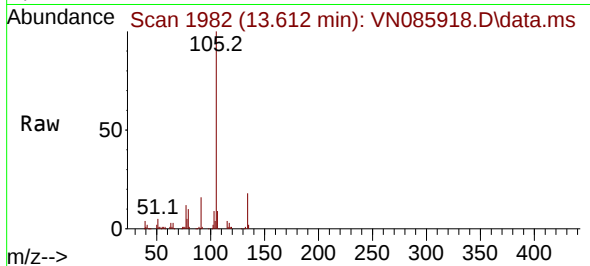
Tgt Ion:105 Resp: 139106
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 18.158 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085918.D
 Acq: 10 Mar 2025 16:47

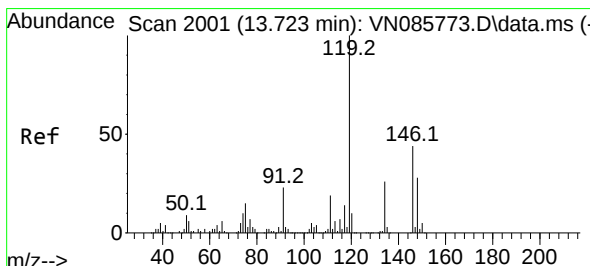
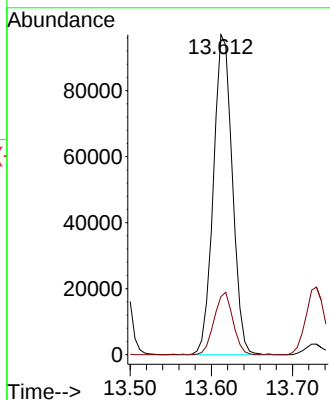
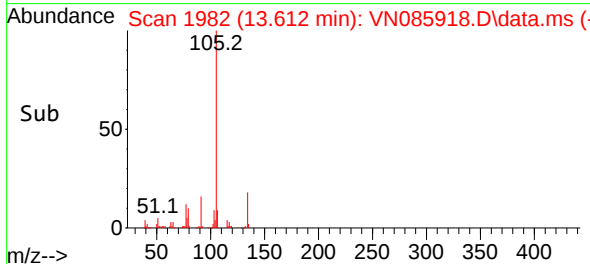
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBSD01



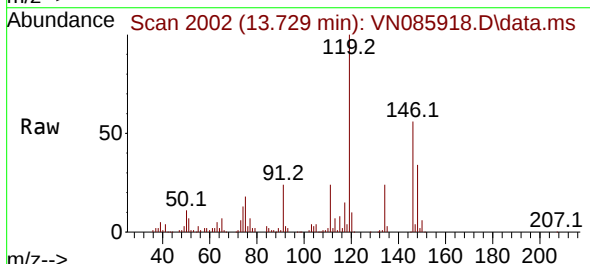
Tgt Ion:105 Resp: 157260
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
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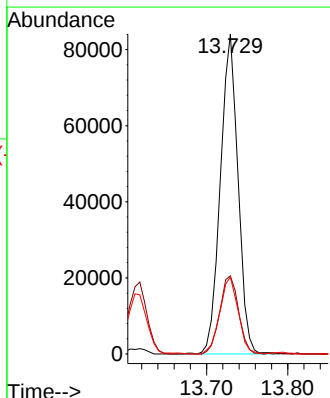
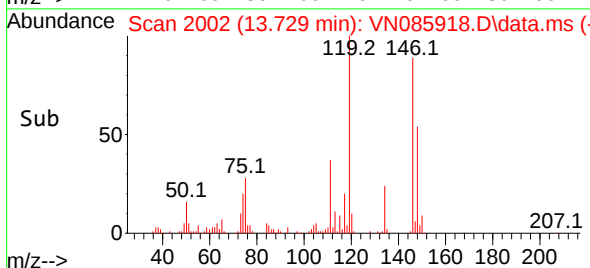
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025

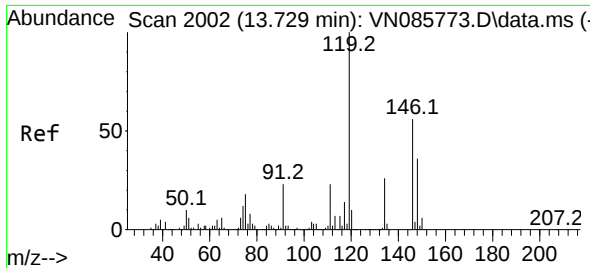


#86
 p-Isopropyltoluene
 Concen: 17.321 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085918.D
 Acq: 10 Mar 2025 16:47



Tgt Ion:119 Resp: 127223
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 25.0 11.7 35.1





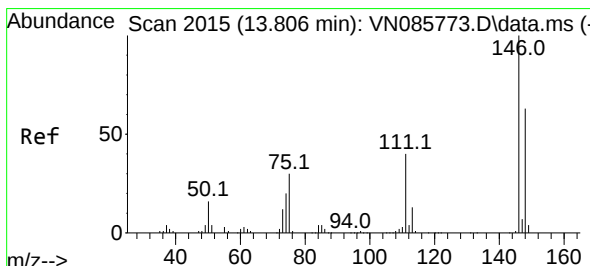
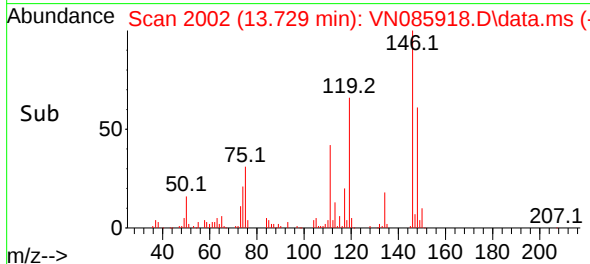
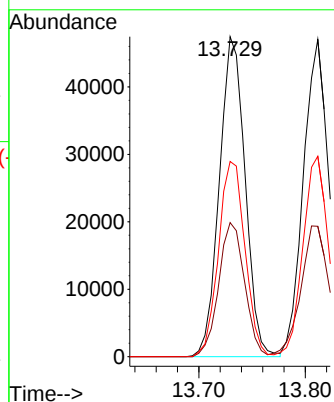
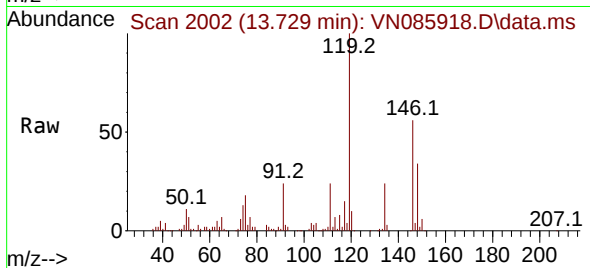
#87
1,3-Dichlorobenzene
Concen: 17.573 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion:146 Resp: 7959
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 62.9 32.1 96.5

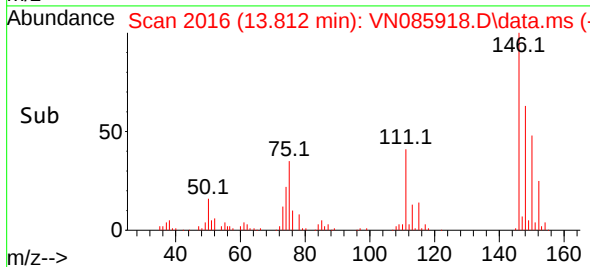
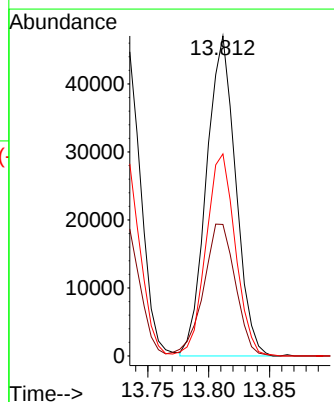
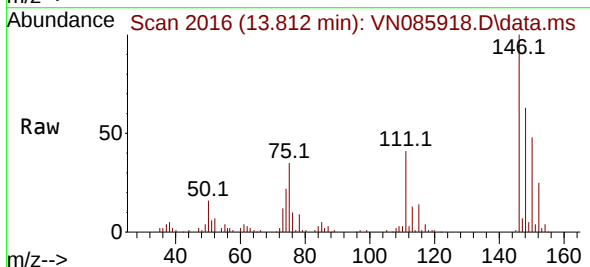
Manual Integrations
APPROVED

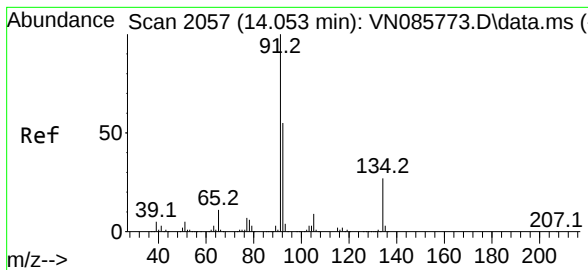
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#88
1,4-Dichlorobenzene
Concen: 16.910 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Tgt Ion:146 Resp: 78503
Ion Ratio Lower Upper
146 100
111 44.9 20.4 61.3
148 63.5 31.8 95.4





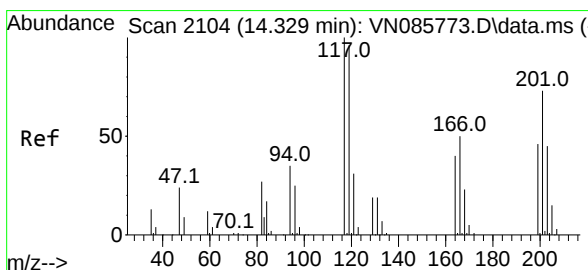
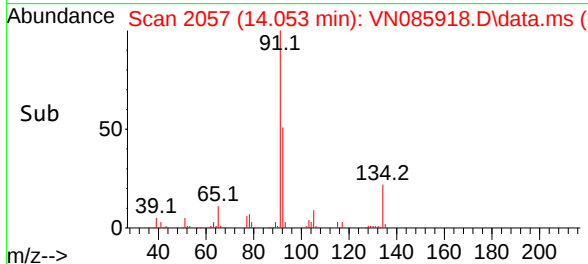
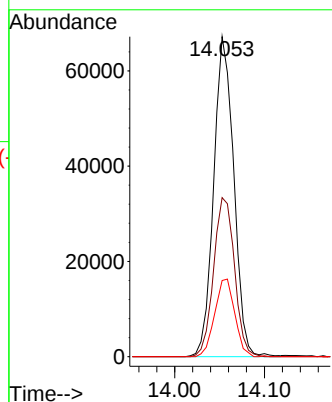
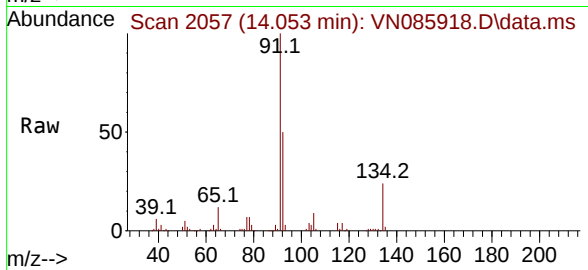
#89
n-Butylbenzene
Concen: 17.013 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion: 91 Resp: 104614
Ion Ratio Lower Upper
91 100
92 51.6 27.1 81.3
134 24.2 12.7 38.1

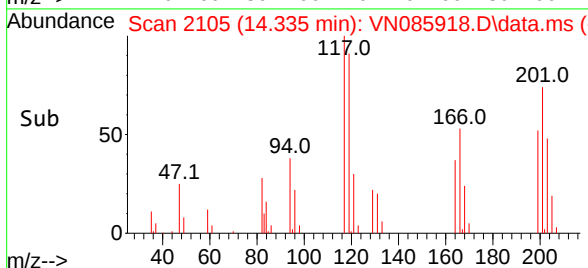
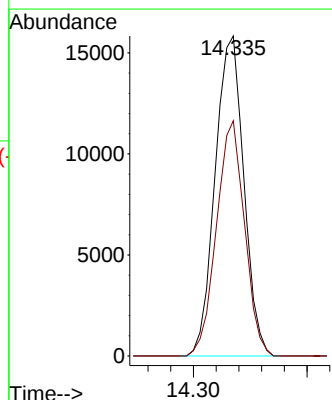
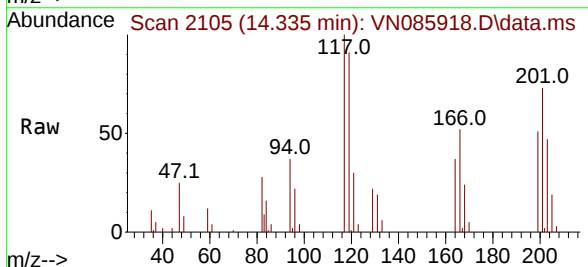
Manual Integrations
APPROVED

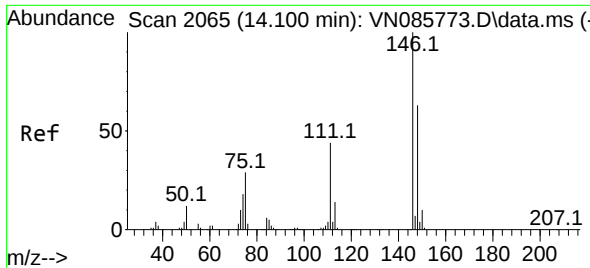
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#90
Hexachloroethane
Concen: 16.921 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Tgt Ion:117 Resp: 27755
Ion Ratio Lower Upper
117 100
201 72.0 35.6 106.9





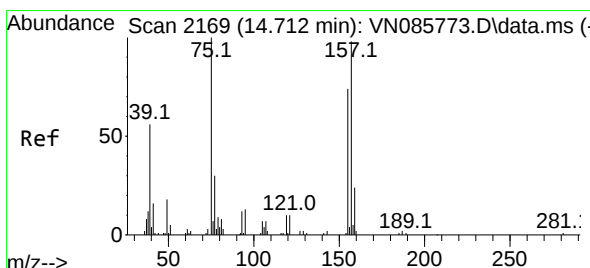
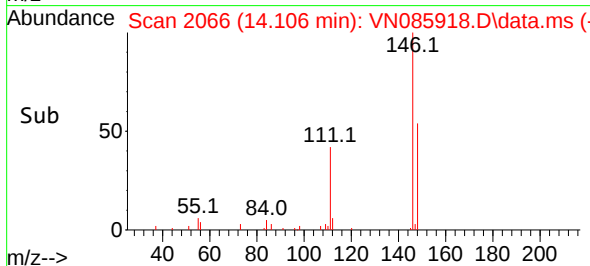
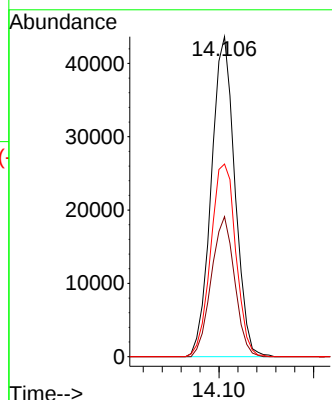
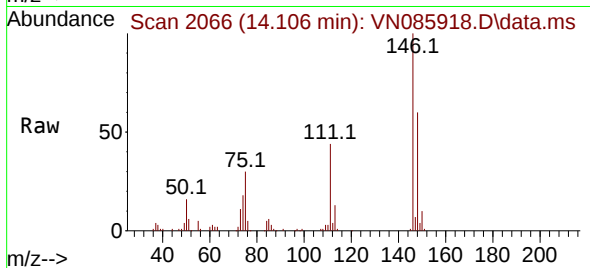
#91
1,2-Dichlorobenzene
Concen: 17.332 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01

Tgt Ion:146 Resp: 75492
Ion Ratio Lower Upper
146 100
111 43.3 21.4 64.3
148 64.2 32.0 96.2

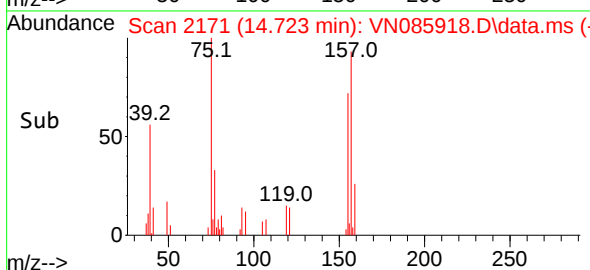
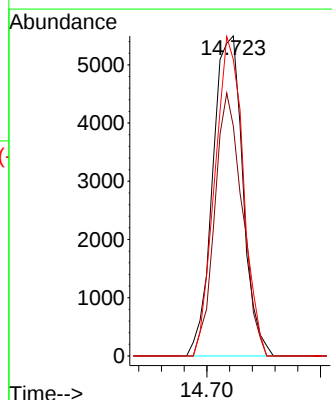
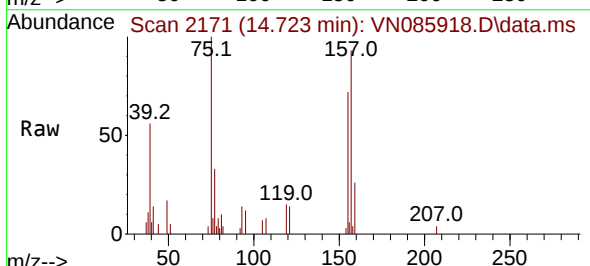
Manual Integrations
APPROVED

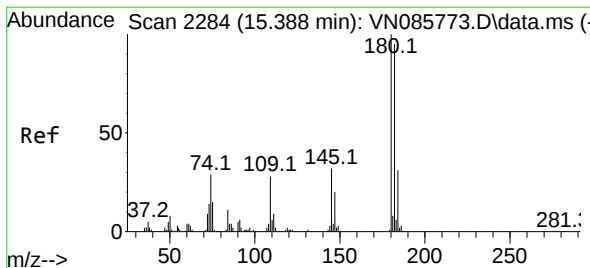
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.863 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.012 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Tgt Ion: 75 Resp: 10101
Ion Ratio Lower Upper
75 100
155 75.2 39.9 119.6
157 94.2 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 16.548 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085918.D

Acq: 10 Mar 2025 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBSD01

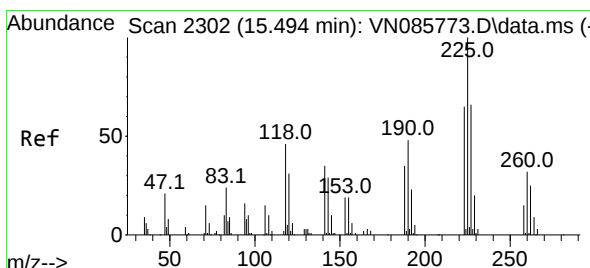
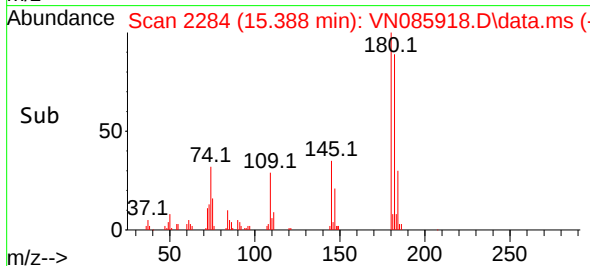
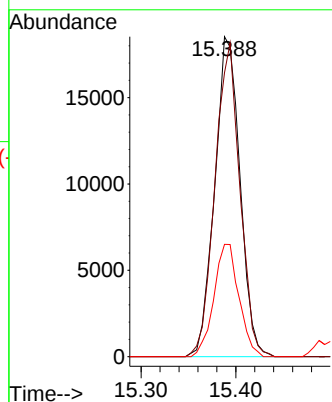
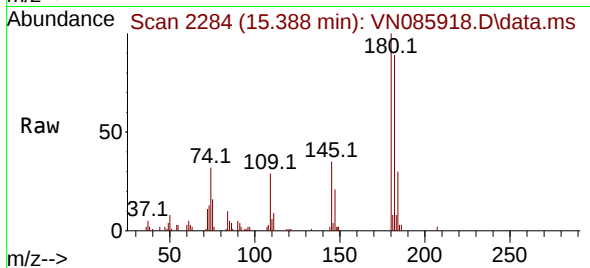
Tgt Ion:180	Resp:	3434
Ion Ratio	Lower	Upper
180	100	
182	96.8	47.3 141.9
145	34.8	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#94

Hexachlorobutadiene

Concen: 15.591 ug/l

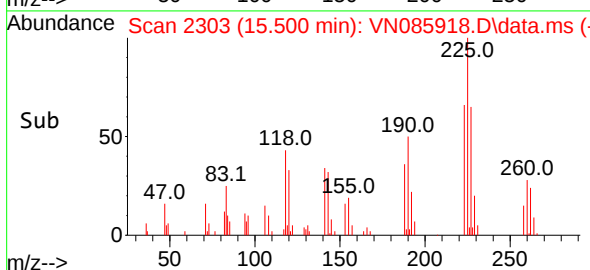
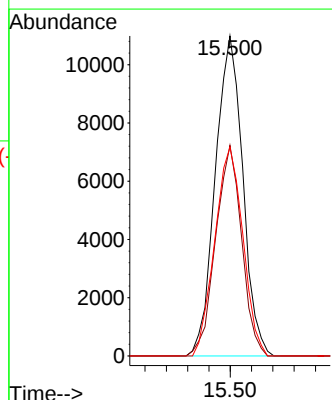
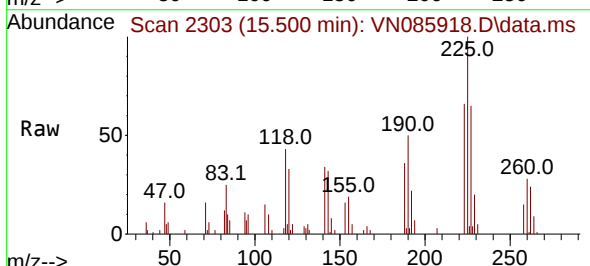
RT: 15.500 min Scan# 2303

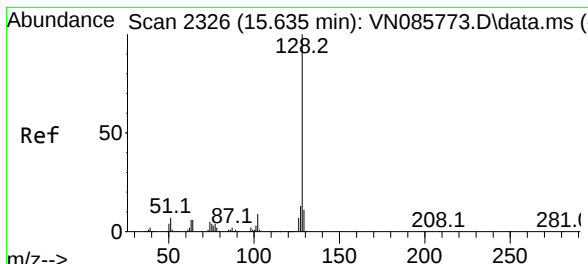
Delta R.T. 0.006 min

Lab File: VN085918.D

Acq: 10 Mar 2025 16:47

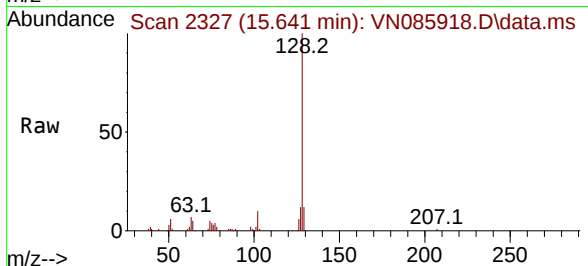
Tgt Ion:225	Resp:	19667
Ion Ratio	Lower	Upper
225	100	
223	62.2	31.9 95.5
227	66.6	32.2 96.6





#95
Naphthalene
Concen: 16.539 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

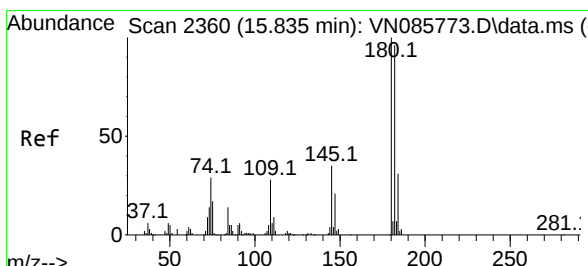
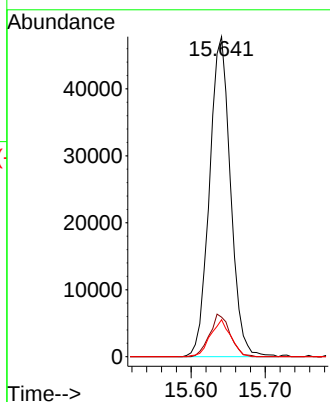
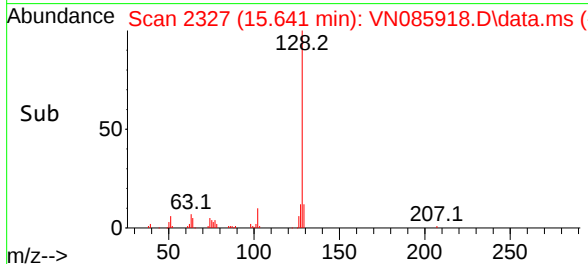
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBSD01



Tgt Ion:128 Resp: 94244
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.262 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085918.D
Acq: 10 Mar 2025 16:47

Tgt Ion:180 Resp: 35969
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.8
145 31.2 16.9 50.6

