

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101725\
 Data File : VN088056.D
 Acq On : 17 Oct 2025 10:03
 Operator : JC\MD
 Sample : VN1017WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2025
 Supervised By : Mahesh Dadoda 10/20/2025

Quant Time: Oct 18 01:25:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	61010	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	345518	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	303706	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	152177	32.032	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.767%			
60) 4-Bromofluorobenzene	12.829	95	149905	29.941	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.800%			
63) Toluene-d8	10.547	98	417441	30.850	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.833%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	72648	20.789	ug/l	95
3) Chloromethane	2.383	50	75767	19.124	ug/l	99
4) Vinyl Chloride	2.536	62	83370	20.182	ug/l	98
5) Bromomethane	2.983	94	45431	20.452	ug/l	100
6) Chloroethane	3.142	64	51413	18.867	ug/l	92
7) Trichlorofluoromethane	3.518	101	118779	21.144	ug/l	91
8) Diethyl Ether	3.959	74	48062	18.935	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	62809	20.887	ug/l	96
10) 1,1-Dichloroethene	4.342	96	65077	20.287	ug/l	100
11) Methyl Iodide	4.577	142	49007	16.576	ug/l	93
12) Methyl Acetate	5.012	43	103928	19.929	ug/l #	86
13) Acrolein	4.171	56	67768	83.974	ug/l #	1
14) Acrylonitrile	5.706	53	229850	91.332	ug/l	100
15) Acetone	4.424	58	70716	95.949	ug/l	89
16) Carbon Disulfide	4.700	76	195019	19.393	ug/l	97
17) Allyl chloride	5.012	41	111908	18.488	ug/l	95
18) Methylene Chloride	5.265	84	77740	19.067	ug/l	98
19) trans-1,2-Dichloroethene	5.777	96	70214	18.932	ug/l #	84
20) Diisopropyl ether	6.659	45	267547	19.415	ug/l	98
21) 1,1-Dichloroethane	6.553	63	144256	20.108	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	89762	19.334	ug/l	98
23) tert-Butyl Alcohol	5.512	59	86498	85.698	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	260817	18.837	ug/l	97
25) Chloroform	7.947	83	144250	19.485	ug/l	92
26) Cyclohexane	8.241	56	119448	20.096	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	102232	20.642	ug/l	95
30) 2-Butanone	7.471	43	337926	92.513	ug/l	97
31) 2,2-Dichloropropane	7.471	77	126022	19.748	ug/l	100
32) 1,1,1-Trichloroethane	8.147	97	124024	20.041	ug/l	98
33) Carbon Tetrachloride	8.341	117	104455	20.151	ug/l	96
34) Benzene	8.588	78	314619	19.152	ug/l	99
35) Methacrylonitrile	7.759	41	69646	18.132	ug/l	93
36) 1,2-Dichloroethane	8.653	62	112994	19.813	ug/l	97
37) Trichloroethene	9.335	130	71200	18.294	ug/l	98
38) Methylcyclohexane	9.582	83	121344	19.840	ug/l	98
39) 1,2-Dichloropropane	9.600	63	79149	19.215	ug/l	99
40) Dibromomethane	9.688	93	56354	18.795	ug/l	93
41) Bromodichloromethane	9.871	83	118647	19.375	ug/l	97
42) Vinyl Acetate	6.589	43	1209453m	97.194	ug/l	

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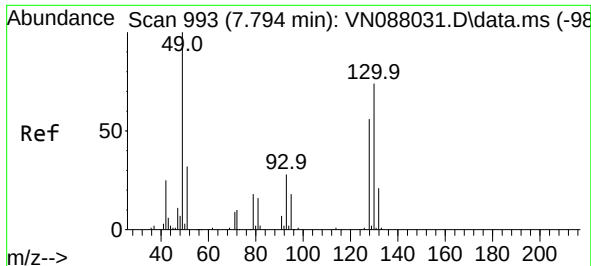
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	133195	18.969	ug/l	99
44) Isopropyl Acetate	8.671	43	210930	18.392	ug/l	98
45) 1,4-Dioxane	9.682	88	24886	326.268	ug/l #	93
46) Methyl methacrylate	9.665	41	94043	18.621	ug/l	95
47) n-amyl Acetate	12.570	43	114884m	21.135	ug/l	
48) t-1,3-Dichloropropene	10.812	75	128661	18.895	ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	132631	18.672	ug/l	95
50) 1,1,2-Trichloroethane	10.994	97	74875	18.857	ug/l	99
51) Ethyl methacrylate	10.853	69	122268	18.195	ug/l	93
52) 1,3-Dichloropropane	11.141	76	131711	19.013	ug/l	99
53) Dibromochloromethane	11.335	129	86723	18.269	ug/l	99
54) 1,2-Dibromoethane	11.447	107	76220	17.955	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	292020	80.508	ug/l	99
56) Bromoform	12.559	173	55031	17.148	ug/l	97
58) 4-Methyl-2-Pentanone	10.424	43	635098	93.491	ug/l	98
59) 2-Hexanone	11.176	43	414833	92.491	ug/l	99
61) Tetrachloroethene	11.082	164	55966	18.197	ug/l	87
62) Toluene	10.606	91	329738	19.140	ug/l	99
64) Chlorobenzene	11.871	112	209138	19.006	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.935	131	71463	18.846	ug/l	98
66) Ethyl Benzene	11.941	91	365743	19.525	ug/l	98
67) m/p-Xylenes	12.047	106	279849	38.752	ug/l	97
68) o-Xylene	12.376	106	134497	18.709	ug/l	94
69) Styrene	12.388	104	225528	18.965	ug/l	98
70) Isopropylbenzene	12.670	105	346221	19.650	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.918	83	110122	18.435	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	107460m	19.370	ug/l	
73) Bromobenzene	12.959	156	77370	17.966	ug/l	92
74) n-propylbenzene	13.012	91	421634	19.823	ug/l	98
75) 2-Chlorotoluene	13.100	91	252126	19.386	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	282658	18.886	ug/l	98
77) t-1,4-Dichloro-2-butene	12.718	75	35729	16.161	ug/l	93
78) 4-Chlorotoluene	13.200	91	260161	19.690	ug/l	96
79) tert-butylbenzene	13.412	119	259100	19.970	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	288836	19.278	ug/l	98
81) sec-Butylbenzene	13.594	105	372393	20.414	ug/l	98
82) p-Isopropyltoluene	13.706	119	308796	19.827	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	153956	19.001	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	152875	18.295	ug/l	97
85) n-Butylbenzene	14.035	91	295097	20.366	ug/l	97
86) Hexachloroethane	14.312	117	61862	19.828	ug/l	88
87) 1,2-Dichlorobenzene	14.082	146	148440	18.626	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	25015	18.234	ug/l	95
89) 1,2,4-Trichlorobenzene	15.811	180	81108	17.086	ug/l	95
90) Hexachlorobutadiene	15.470	225	30801	18.643	ug/l	99
91) Naphthalene	15.611	128	309666	17.818	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	81108	17.086	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



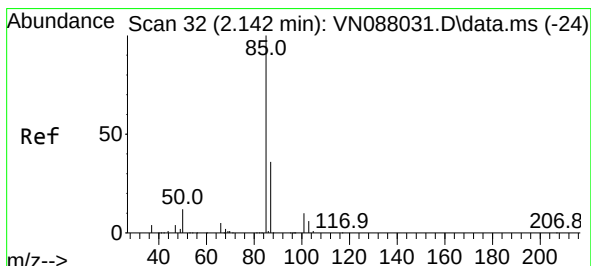
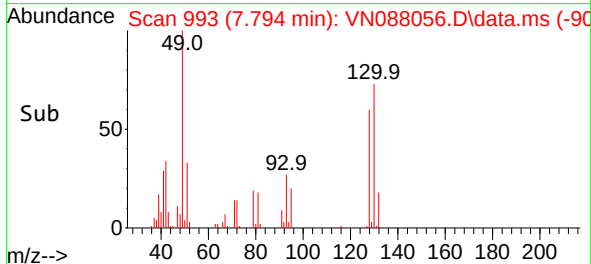
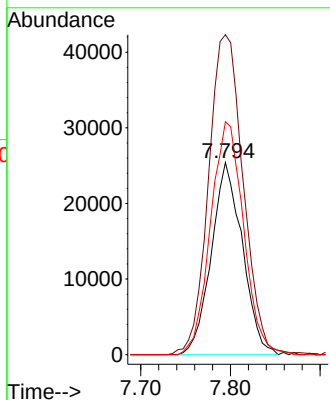
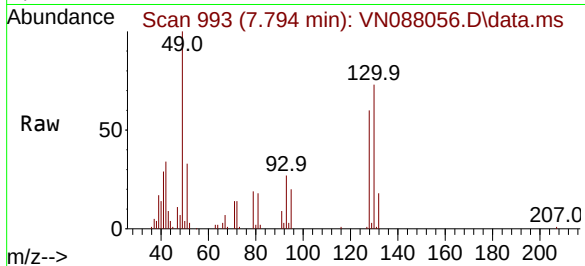
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01

Tgt Ion:128 Resp: 61010
Ion Ratio Lower Upper
128 100
49 185.7 0.0 439.8
130 129.1 0.0 325.8

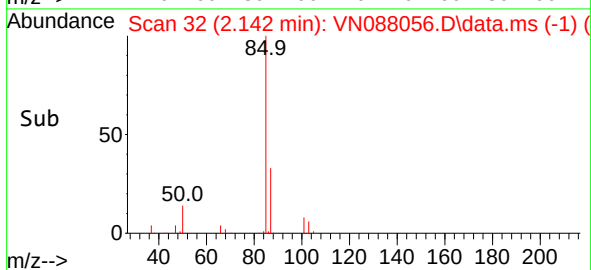
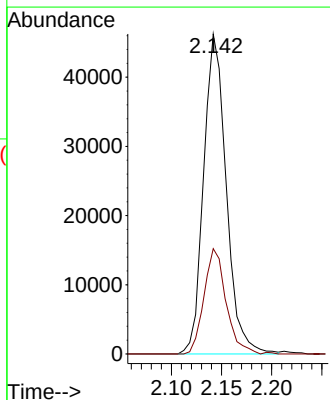
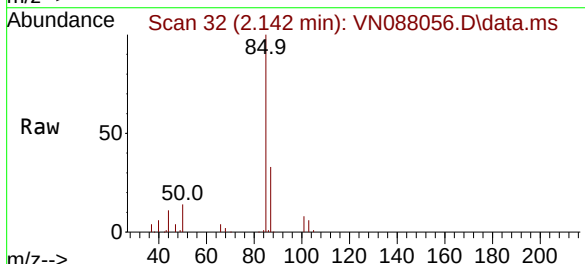
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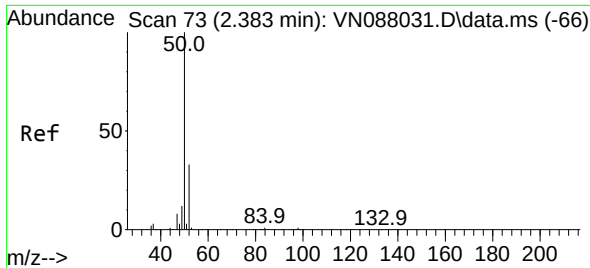
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#2
Dichlorodifluoromethane
Concen: 20.789 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

Tgt Ion: 85 Resp: 72648
Ion Ratio Lower Upper
85 100
87 32.9 17.9 53.8





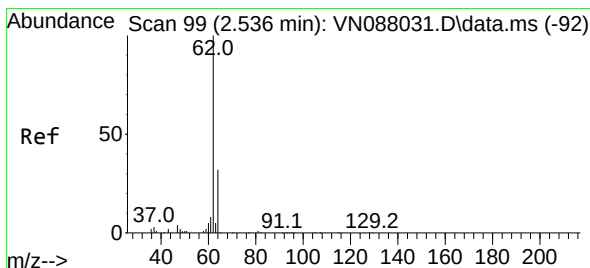
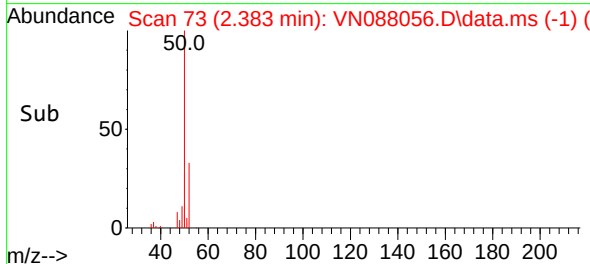
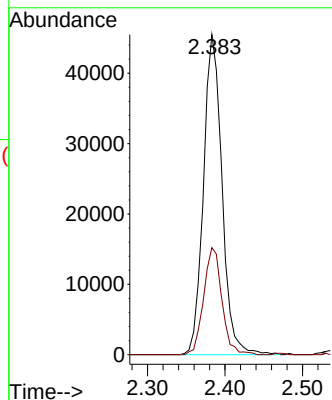
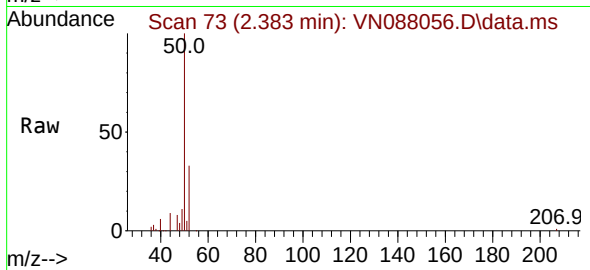
#3
Chloromethane
Concen: 19.124 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01

Tgt Ion: 50 Resp: 7576
Ion Ratio Lower Upper
50 100
52 33.5 26.3 39.5

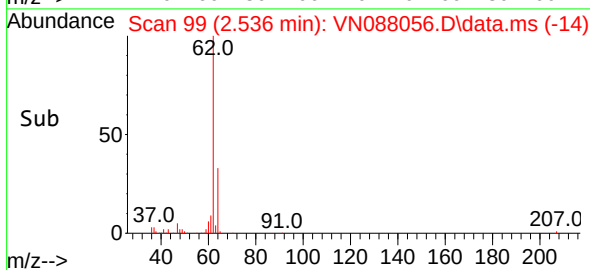
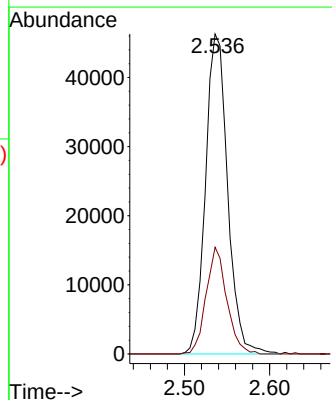
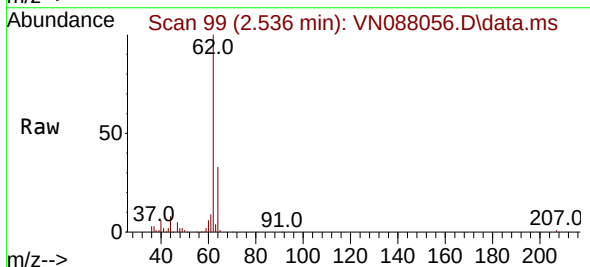
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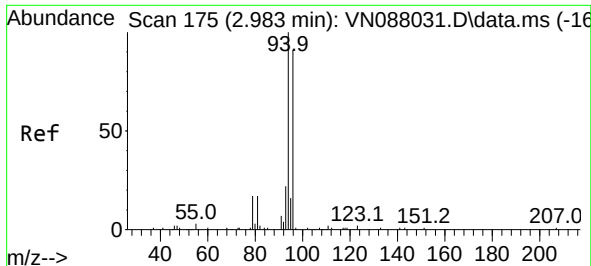
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#4
Vinyl Chloride
Concen: 20.182 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

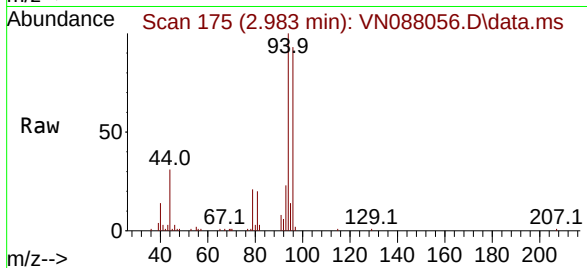
Tgt Ion: 62 Resp: 83370
Ion Ratio Lower Upper
62 100
64 33.4 25.7 38.5





#5
Bromomethane
Concen: 20.452 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

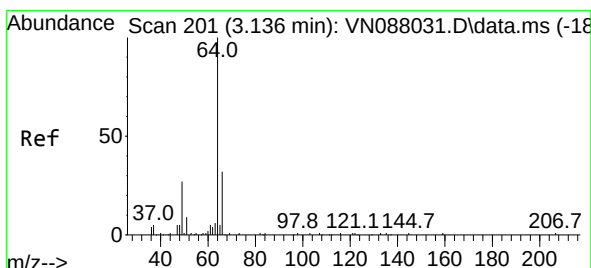
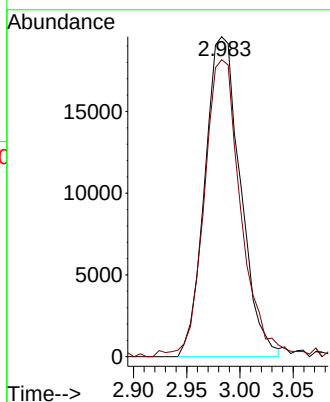
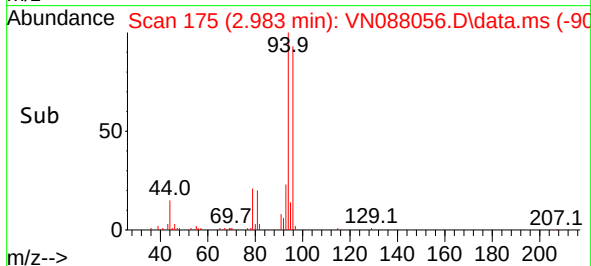
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 4543
Ion Ratio Lower Upper
94 100
96 90.7 73.0 109.4

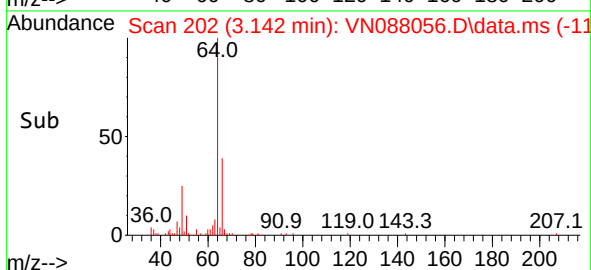
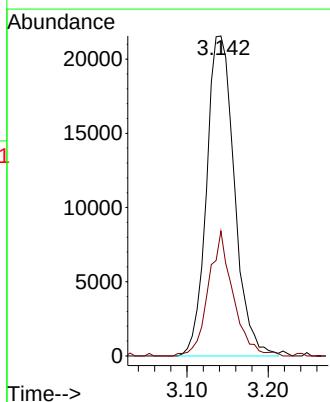
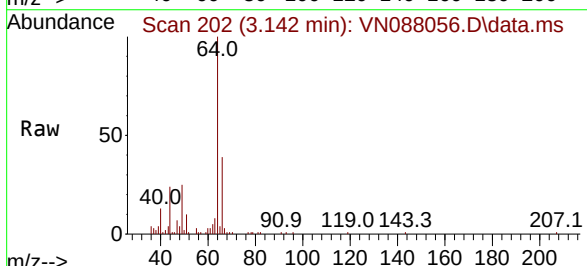
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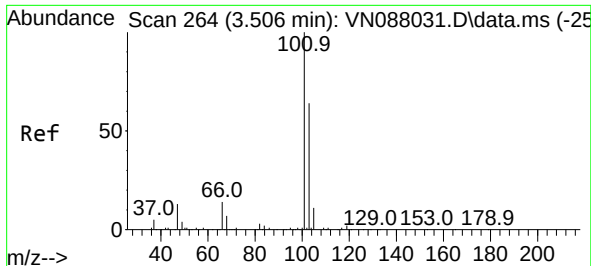
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#6
Chloroethane
Concen: 18.867 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

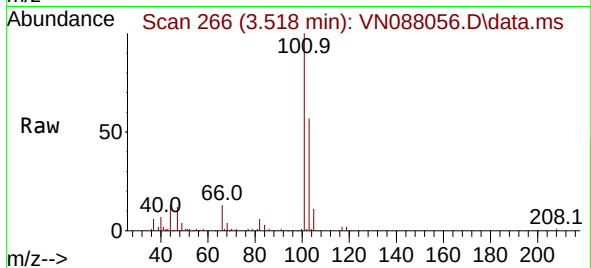
Tgt Ion: 64 Resp: 51413
Ion Ratio Lower Upper
64 100
66 38.3 26.8 40.2





#7
 Trichlorofluoromethane
 Concen: 21.144 ug/l
 RT: 3.518 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VN088056.D
 Acq: 17 Oct 2025 10:03

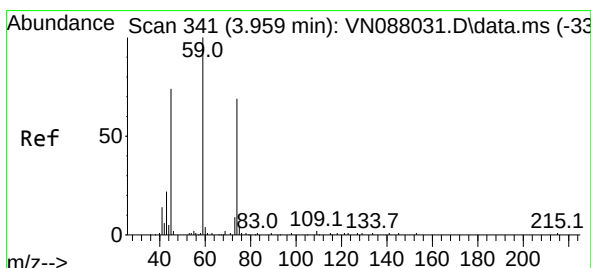
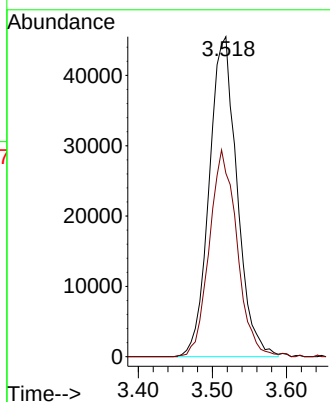
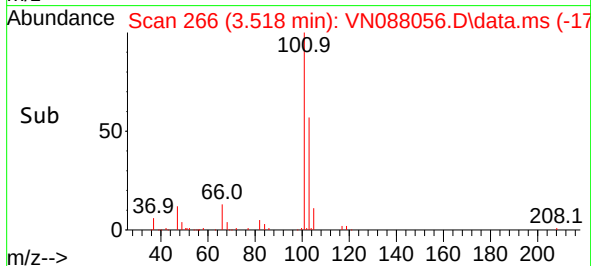
Instrument :
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Tgt Ion:101 Resp: 118779
 Ion Ratio Lower Upper
 101 100
 103 56.9 51.0 76.4

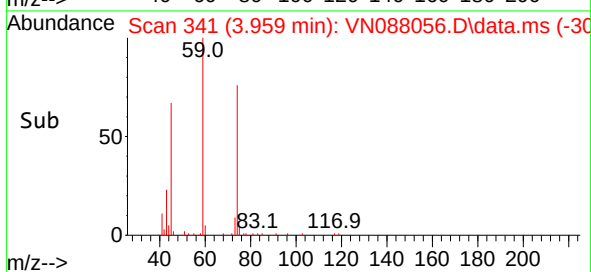
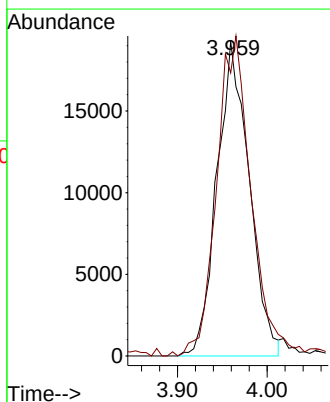
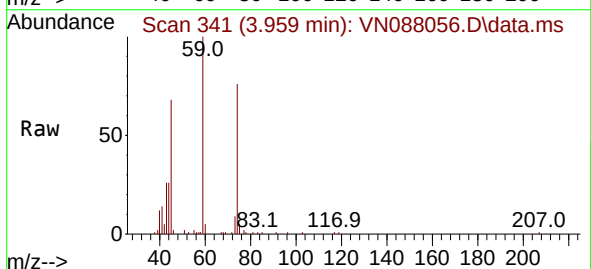
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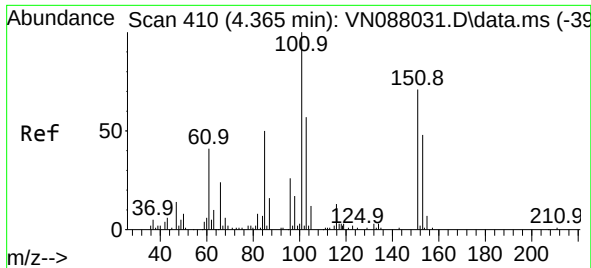
Reviewed By :John Carlone 10/20/2025
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#8
 Diethyl Ether
 Concen: 18.935 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN088056.D
 Acq: 17 Oct 2025 10:03

Tgt Ion: 74 Resp: 48062
 Ion Ratio Lower Upper
 74 100
 45 104.0 20.4 183.8





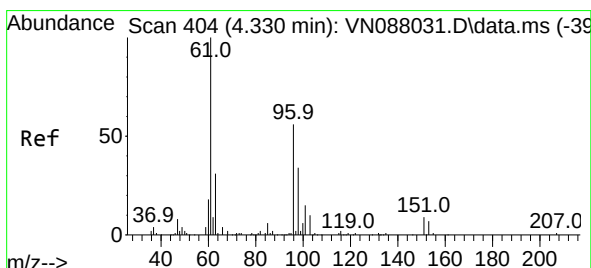
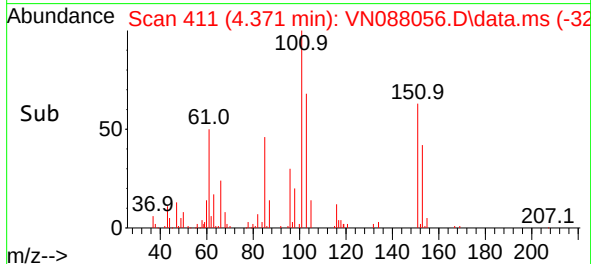
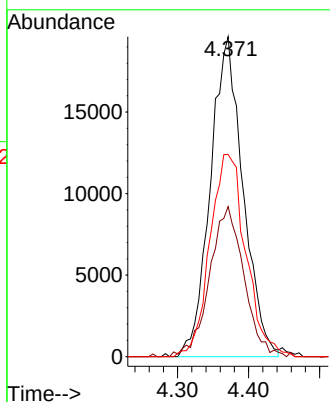
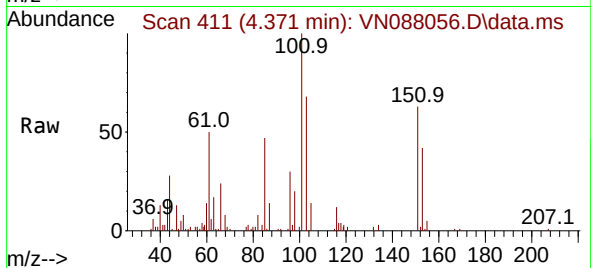
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1,1,2-Trichlorotrifluoroethane
Concen: 20.887 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01

Tgt Ion:101 Resp: 62809
Ion Ratio Lower Upper
101 100
85 47.3 0.0 103.2
151 69.3 0.0 141.4

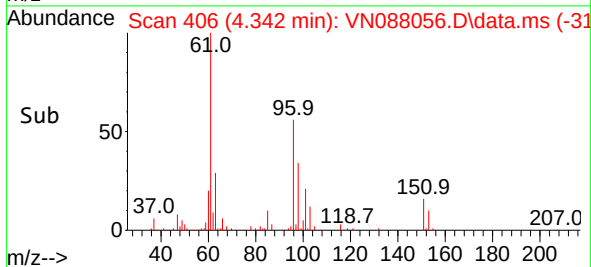
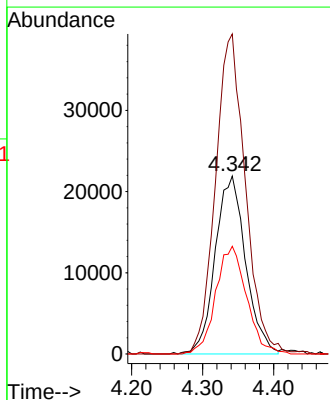
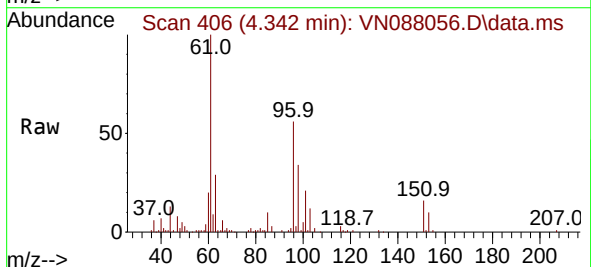
Manual Integrations
APPROVED

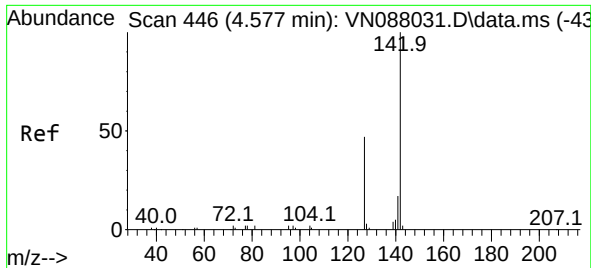
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#10
1,1-Dichloroethene
Concen: 20.287 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

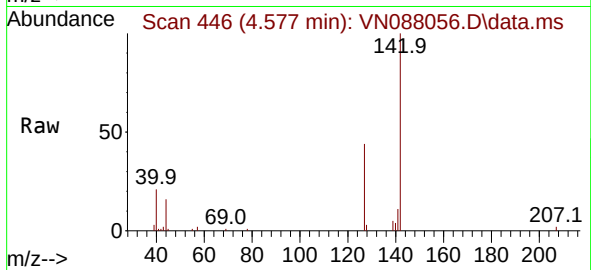
Tgt Ion: 96 Resp: 65077
Ion Ratio Lower Upper
96 100
61 179.8 144.1 216.1
98 60.5 49.0 73.6





#11
Methyl Iodide
Concen: 16.576 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

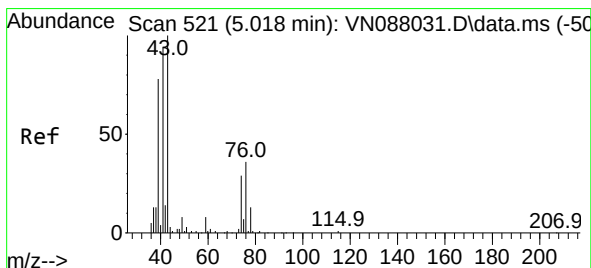
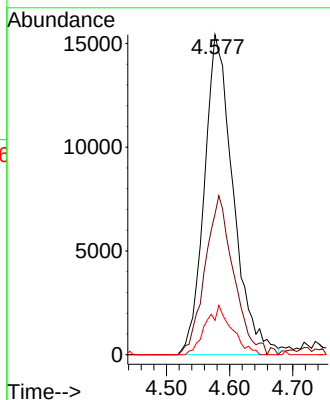
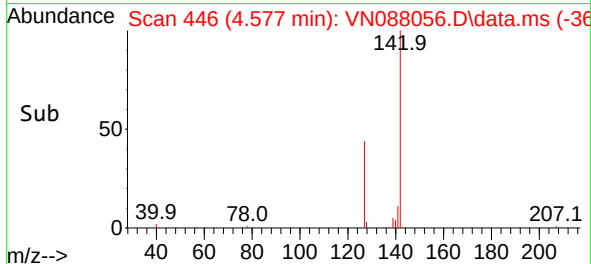
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



Tgt Ion:142 Resp: 4900
Ion Ratio Lower Upper
142 100
127 44.4 23.4 70.3
141 10.8 8.8 26.2

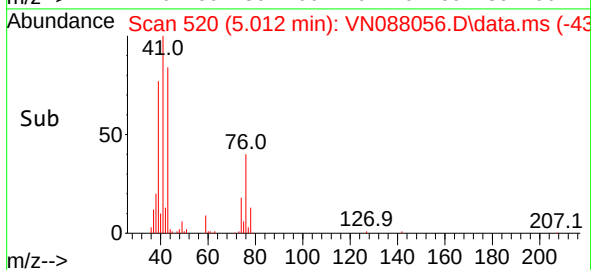
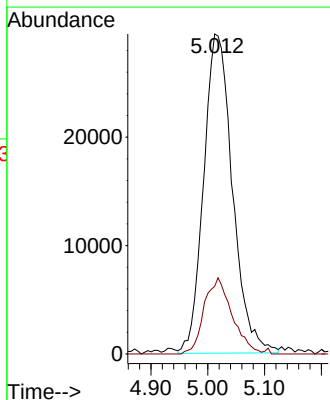
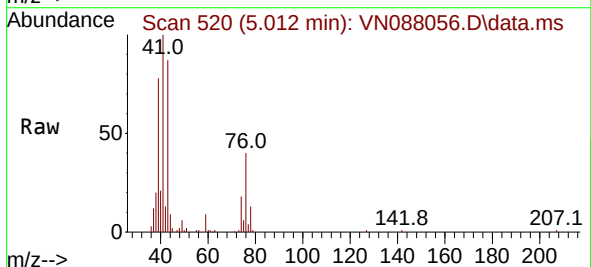
Manual Integrations
APPROVED

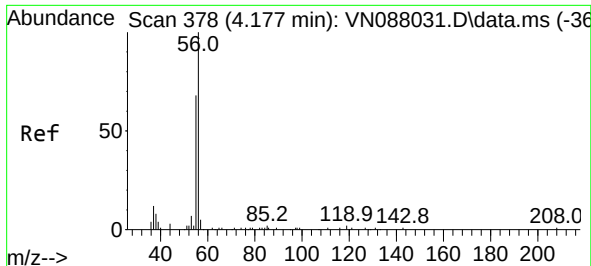
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#12
Methyl Acetate
Concen: 19.929 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

Tgt Ion: 43 Resp: 103928
Ion Ratio Lower Upper
43 100
74 21.4 23.3 34.9#





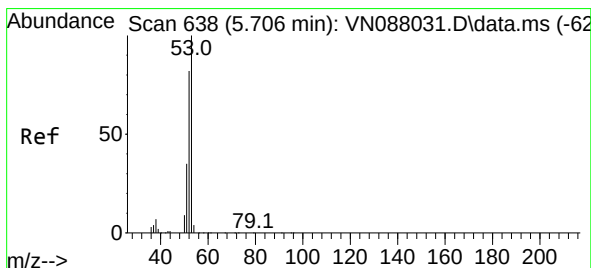
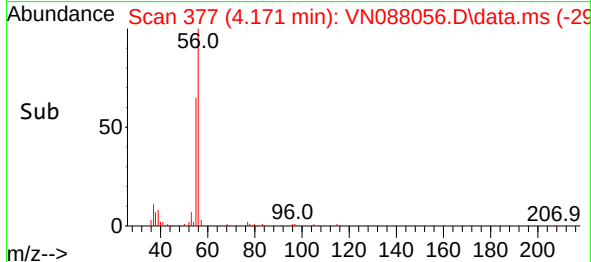
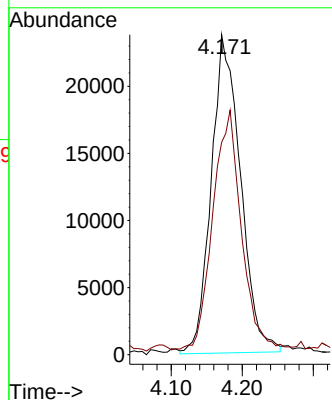
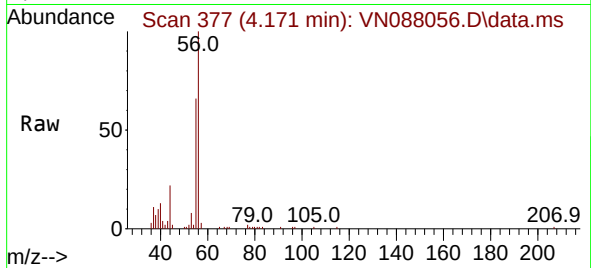
#13
Acrolein
Concen: 83.974 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01

Tgt Ion: 56 Resp: 6776
Ion Ratio Lower Upper
56 100
55 75.4 0.3 0.5

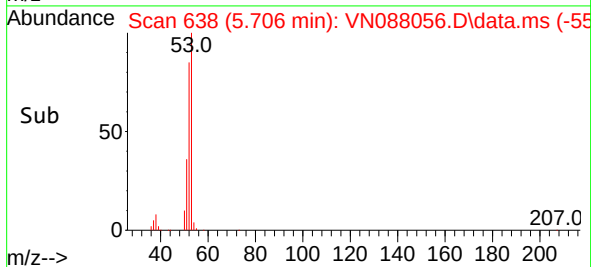
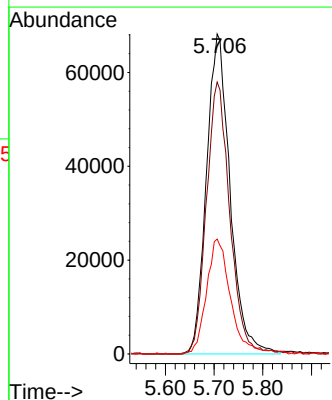
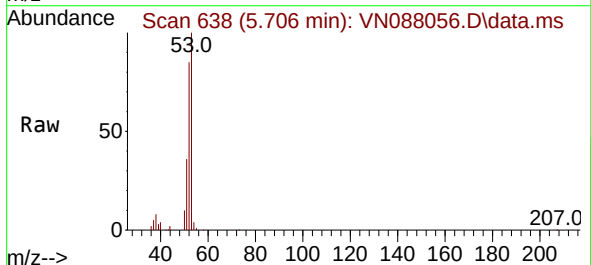
Manual Integrations
APPROVED

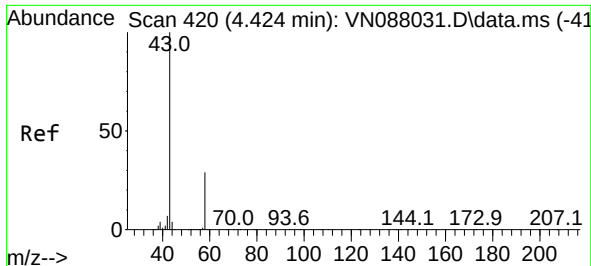
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#14
Acrylonitrile
Concen: 91.332 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

Tgt Ion: 53 Resp: 229850
Ion Ratio Lower Upper
53 100
52 83.0 41.3 124.1
51 36.2 18.0 54.0





#15

Acetone

Concen: 95.949 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN088056.D

Acq: 17 Oct 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBS01

Tgt Ion: 58 Resp: 70710

Ion Ratio Lower Upper

58 100

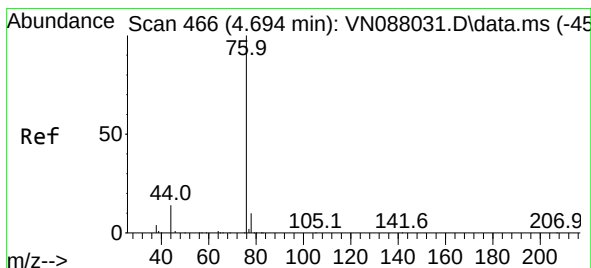
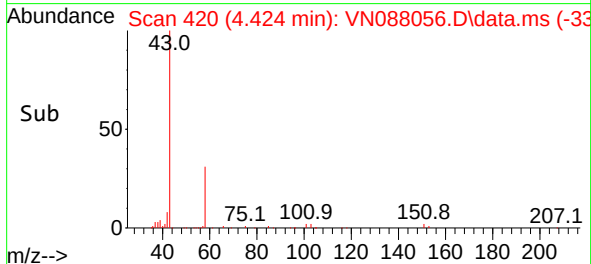
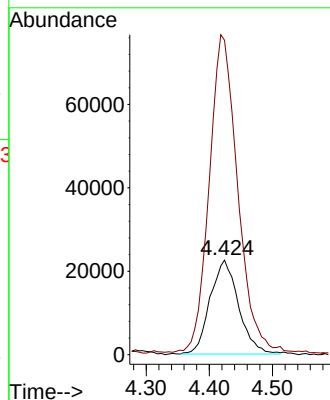
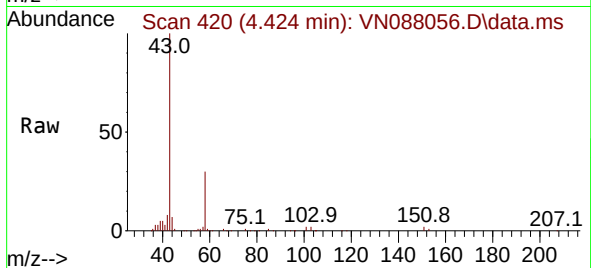
43 330.2 282.6 424.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#16

Carbon Disulfide

Concen: 19.393 ug/l

RT: 4.700 min Scan# 467

Delta R.T. 0.006 min

Lab File: VN088056.D

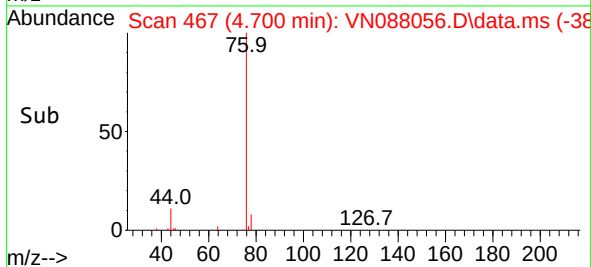
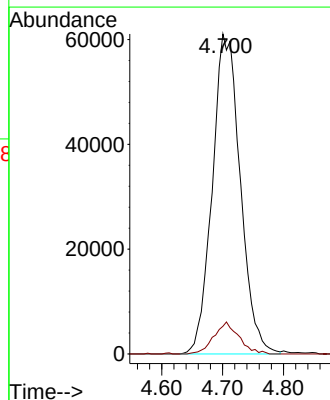
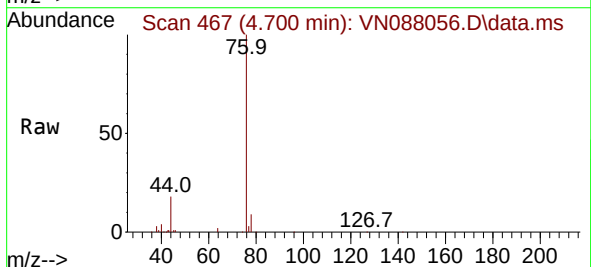
Acq: 17 Oct 2025 10:03

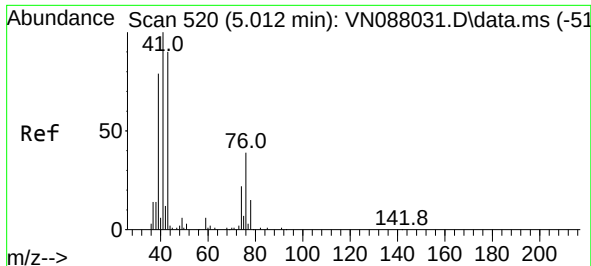
Tgt Ion: 76 Resp: 195019

Ion Ratio Lower Upper

76 100

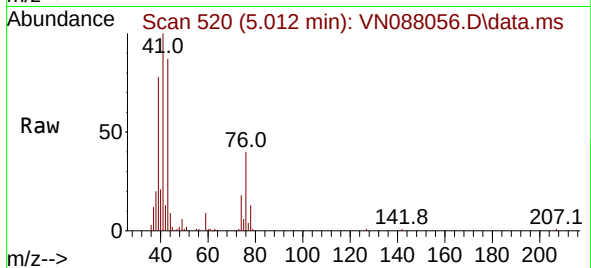
78 8.7 7.8 11.8





#17
Allyl chloride
Concen: 18.488 ug/l
RT: 5.012 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

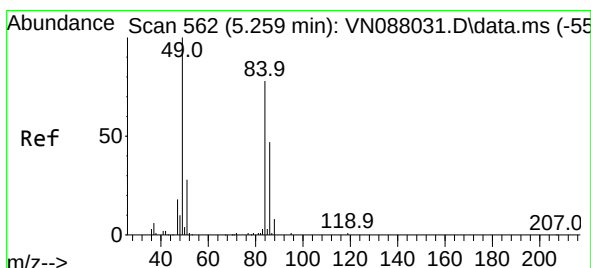
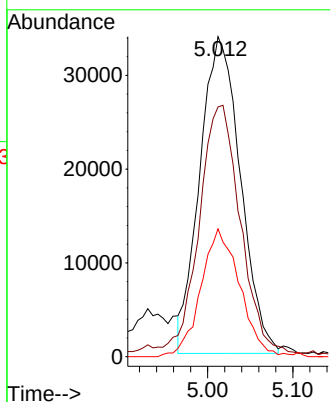
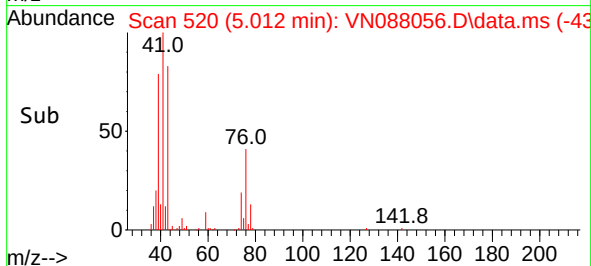
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



Tgt Ion: 41 Resp: 111908
Ion Ratio Lower Upper
41 100
39 76.6 36.4 109.2
76 40.4 18.1 54.1

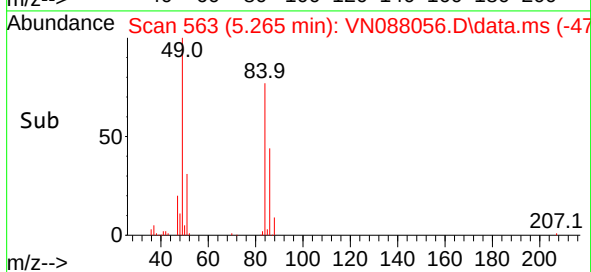
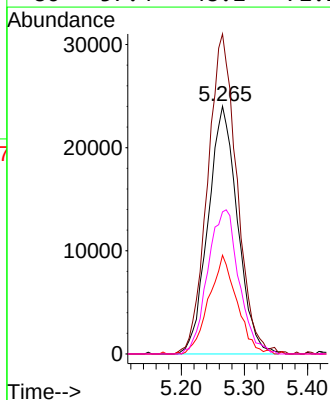
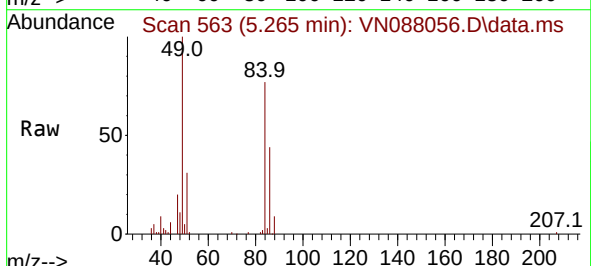
Manual Integrations
APPROVED

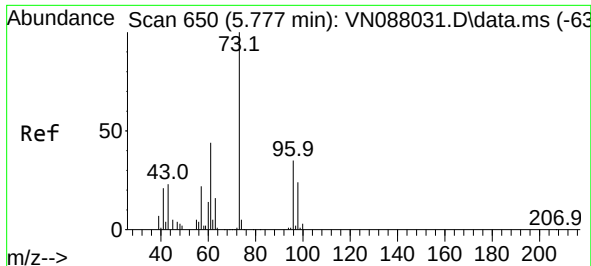
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#18
Methylene Chloride
Concen: 19.067 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

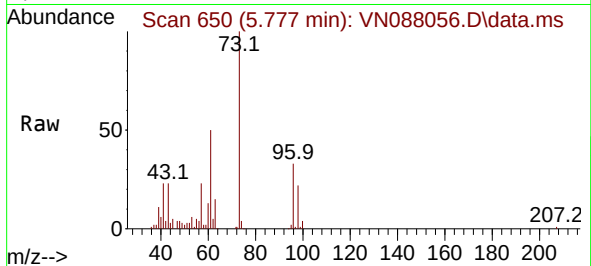
Tgt Ion: 84 Resp: 77740
Ion Ratio Lower Upper
84 100
49 128.6 102.6 153.8
51 39.9 28.6 42.8
86 57.4 48.2 72.2





#19
trans-1,2-Dichloroethene
Concen: 18.932 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

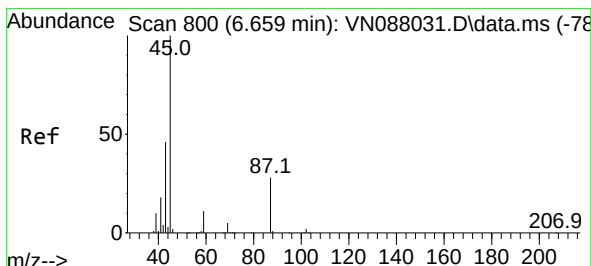
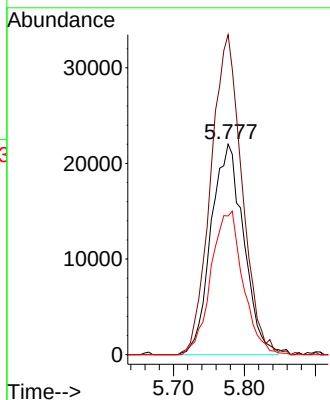
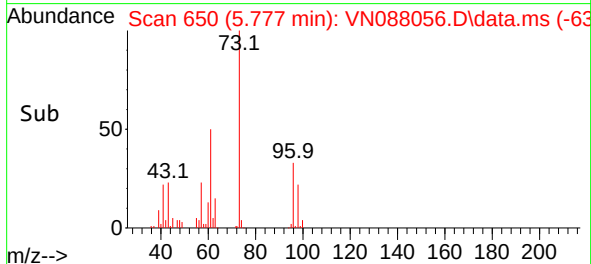
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



Tgt Ion: 96 Resp: 70214
Ion Ratio Lower Upper
96 100
61 152.0 100.6 151.0
98 65.9 54.0 81.0

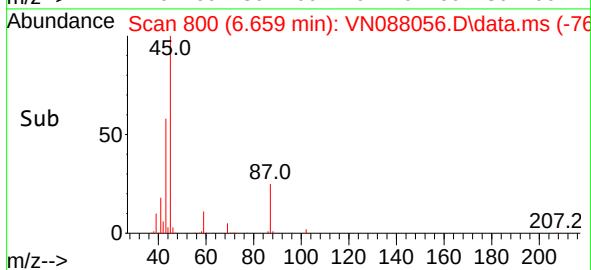
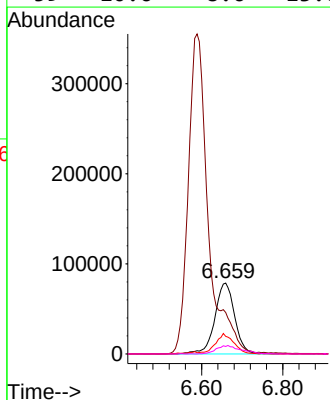
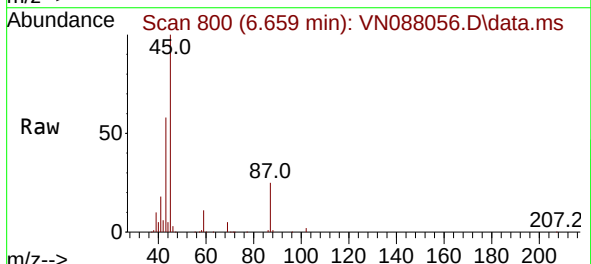
Manual Integrations
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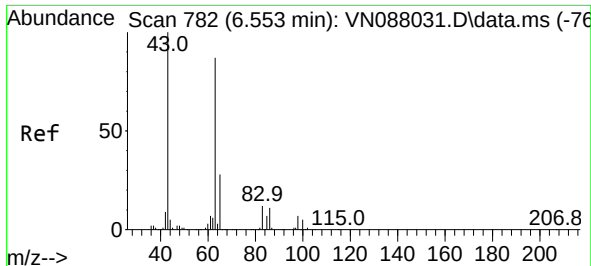
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#20
Diisopropyl ether
Concen: 19.415 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

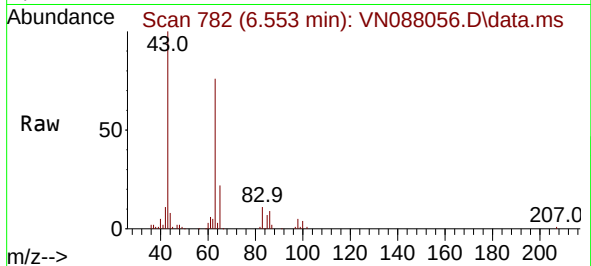
Tgt Ion: 45 Resp: 267547
Ion Ratio Lower Upper
45 100
43 56.9 46.1 69.1
87 24.8 22.3 33.5
59 10.6 8.6 13.0





#21
1,1-Dichloroethane
Concen: 20.108 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

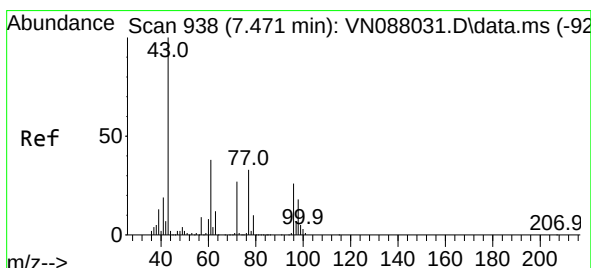
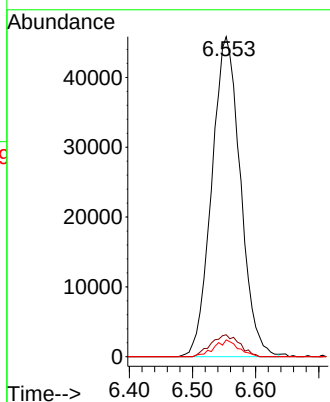
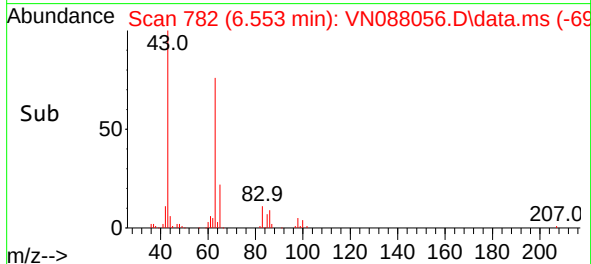
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



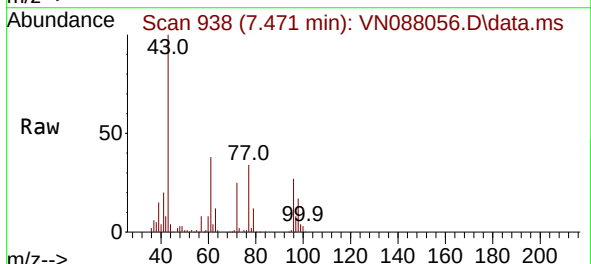
Tgt Ion: 63 Resp: 144250
Ion Ratio Lower Upper
63 100
98 6.8 4.3 12.8
100 5.2 2.6 8.0

Manual Integrations
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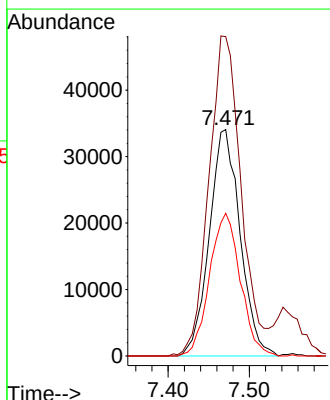
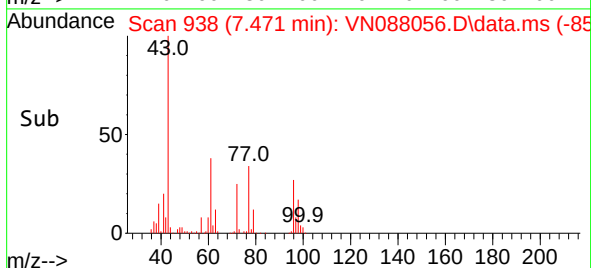
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

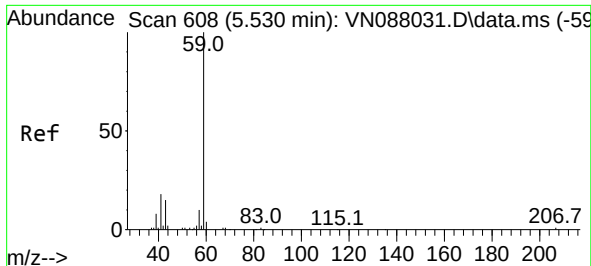


#22
cis-1,2-Dichloroethene
Concen: 19.334 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



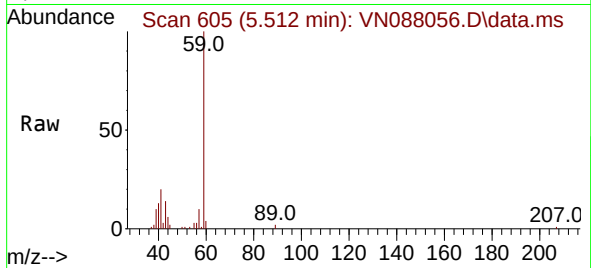
Tgt Ion: 96 Resp: 89762
Ion Ratio Lower Upper
96 100
61 148.5 117.0 175.6
98 63.0 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 85.698 ug/l
RT: 5.512 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

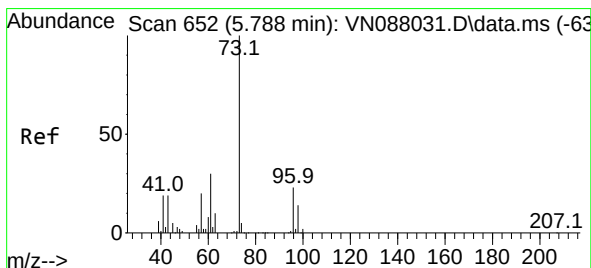
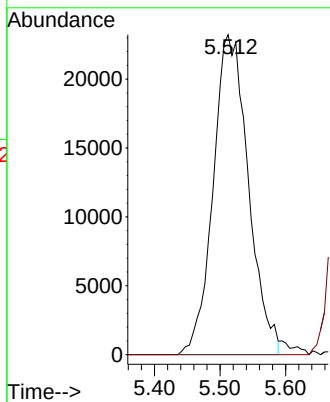
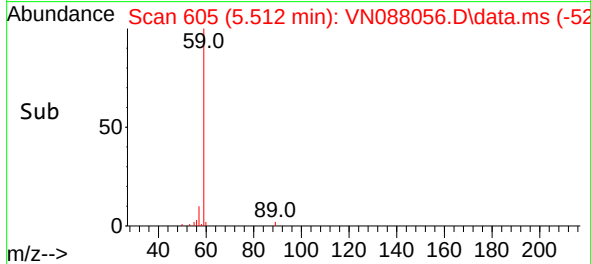
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



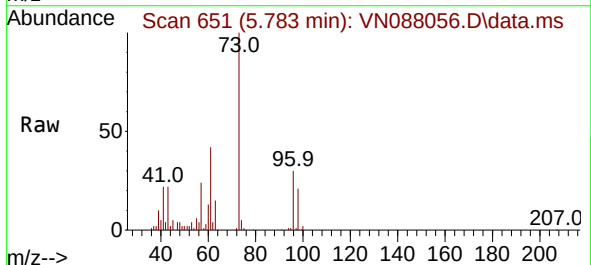
Tgt Ion: 59 Resp: 86498
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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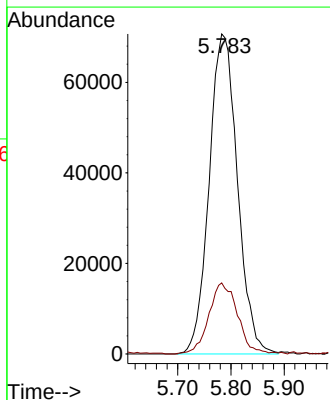
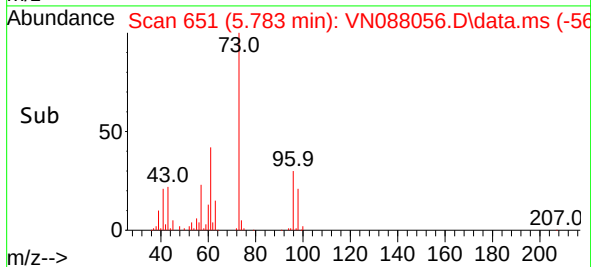
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

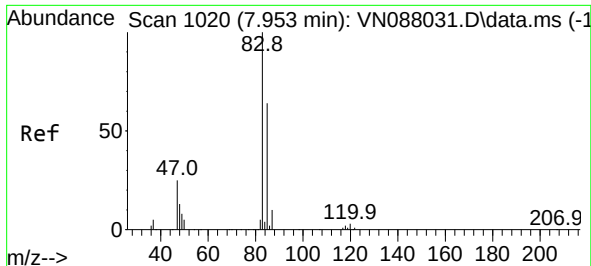


#24
Methyl tert-Butyl Ether
Concen: 18.837 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



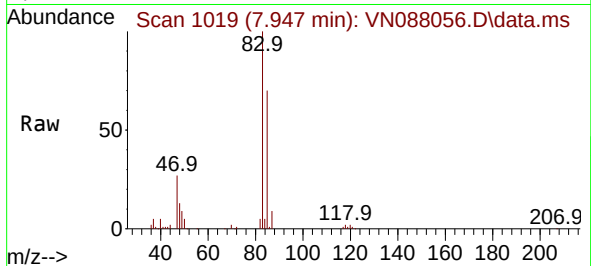
Tgt Ion: 73 Resp: 260817
Ion Ratio Lower Upper
73 100
43 22.4 17.0 25.4





#25
Chloroform
Concen: 19.485 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

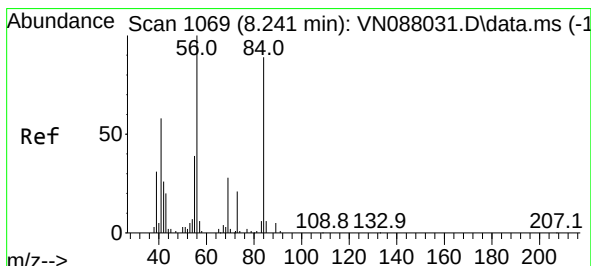
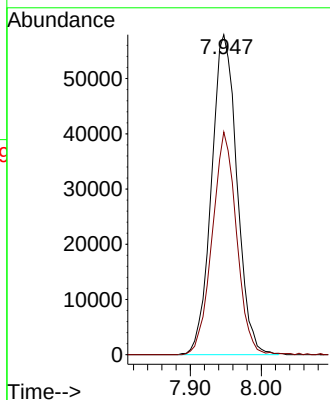
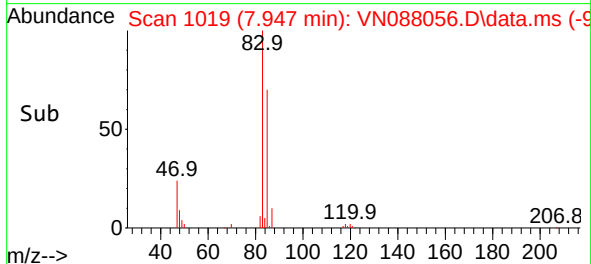
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



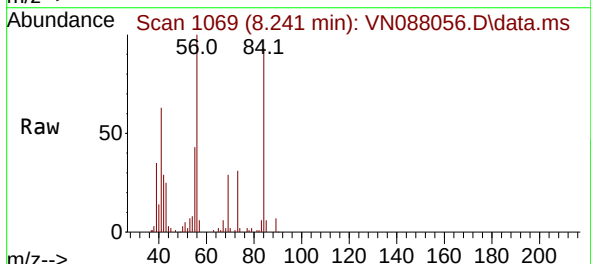
Tgt Ion: 83 Resp: 144250
Ion Ratio Lower Upper
83 100
85 69.6 50.9 76.3

Manual Integrations
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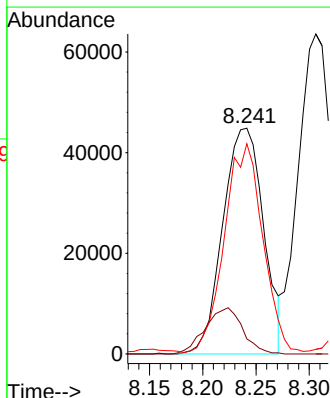
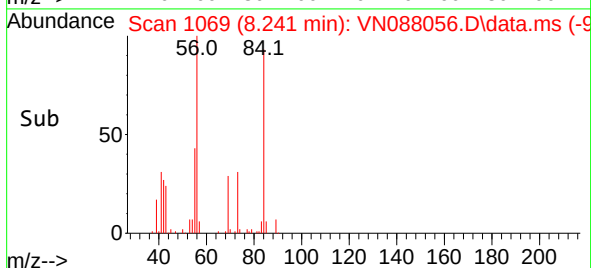
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

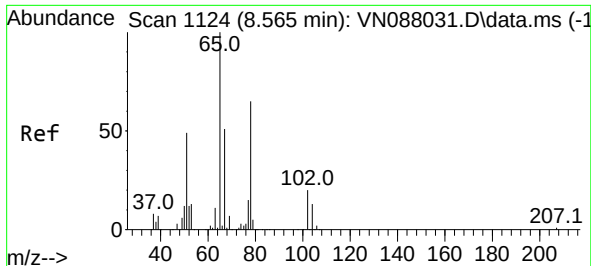


#26
Cyclohexane
Concen: 20.096 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



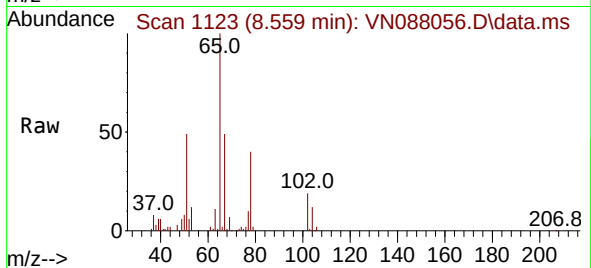
Tgt Ion: 56 Resp: 119448
Ion Ratio Lower Upper
56 100
89 18.8 8.6 12.8#
84 87.8 69.6 104.4





#27
1,2-Dichloroethane-d4
Concen: 32.032 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

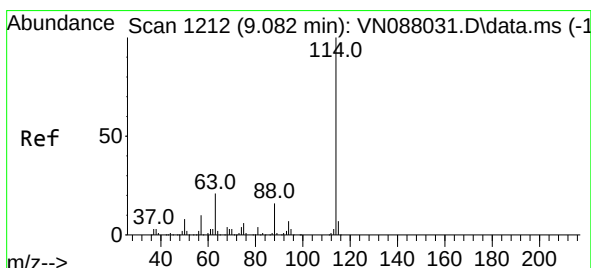
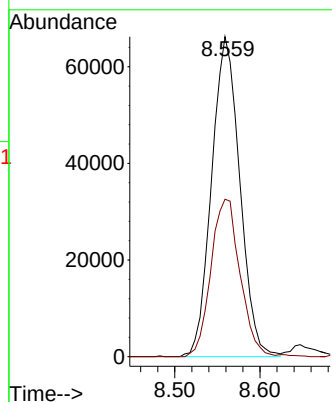
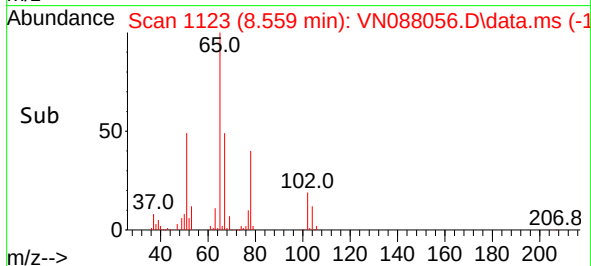
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



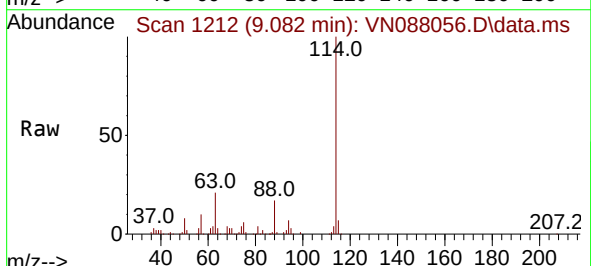
Tgt Ion: 65 Resp: 15217
Ion Ratio Lower Upper
65 100
67 50.7 41.9 62.9

Manual Integrations
APPROVED

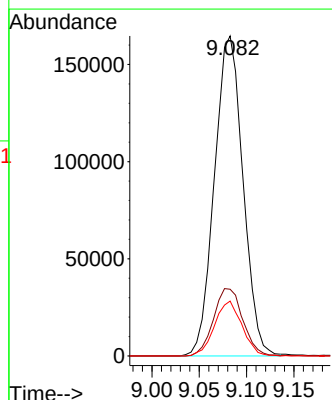
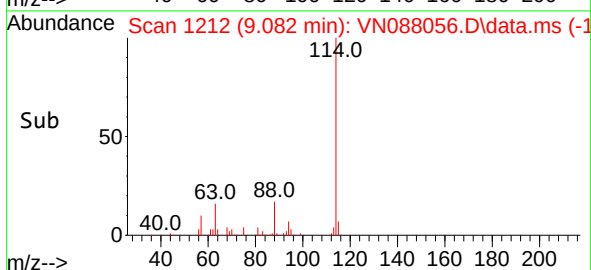
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

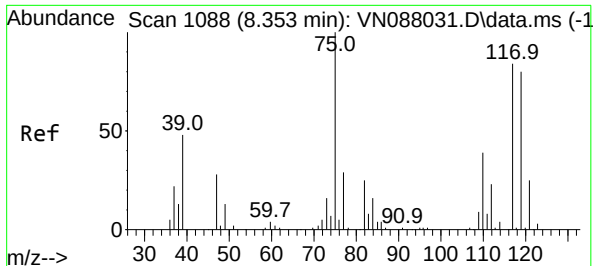


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



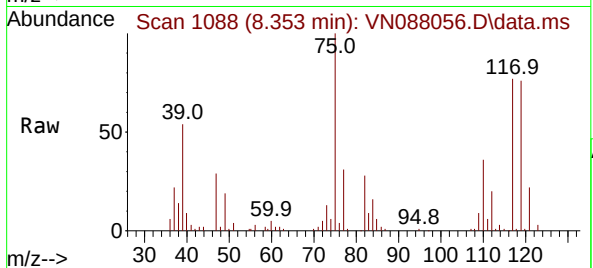
Tgt Ion:114 Resp: 345518
Ion Ratio Lower Upper
114 100
63 21.6 16.6 25.0
88 16.5 12.6 18.8





#29
1,1-Dichloropropene
Concen: 20.642 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

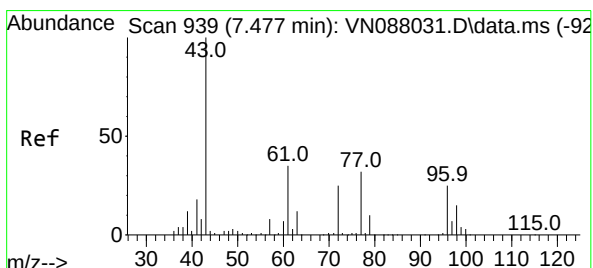
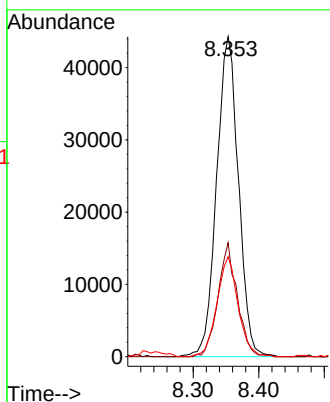
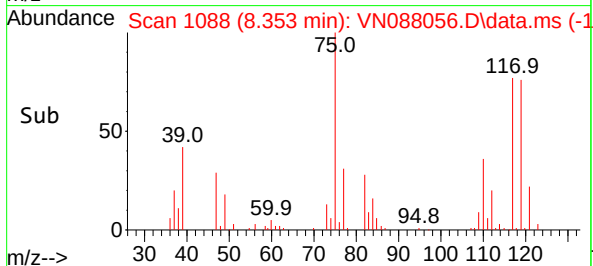
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



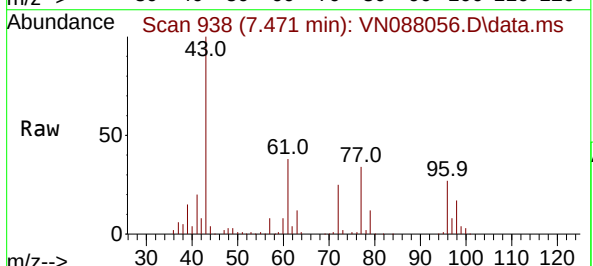
Tgt Ion: 75 Resp: 10223
Ion Ratio Lower Upper
75 100
110 31.3 0.0 72.2
77 30.2 0.0 60.6

Manual Integrations
APPROVED

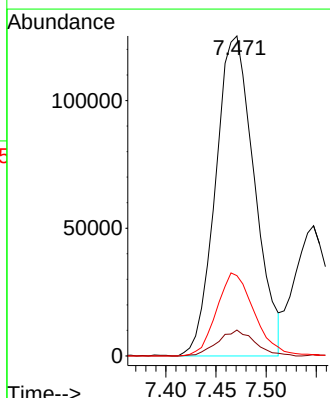
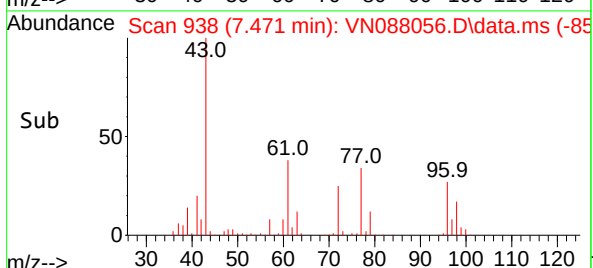
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

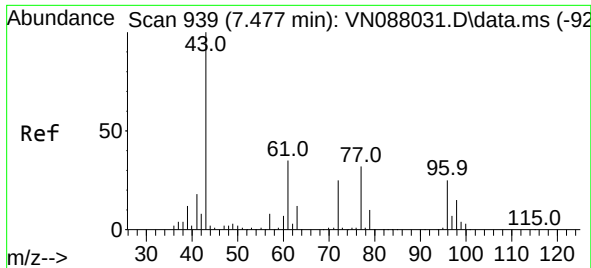


#30
2-Butanone
Concen: 92.513 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



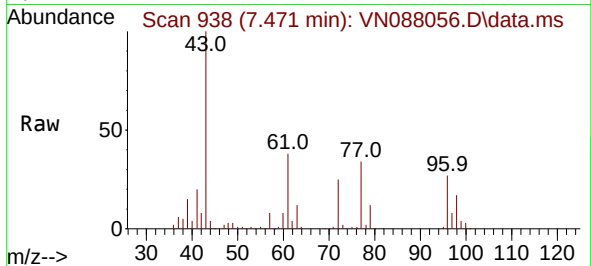
Tgt Ion: 43 Resp: 337926
Ion Ratio Lower Upper
43 100
57 7.7 6.5 9.7
72 25.3 21.4 32.2





#31
2,2-Dichloropropane
Concen: 19.748 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

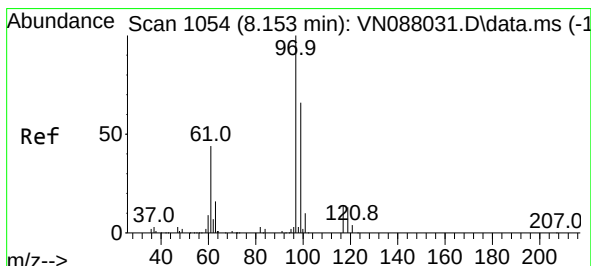
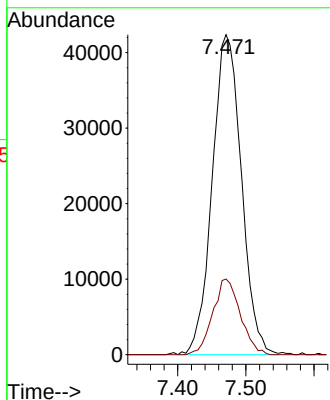
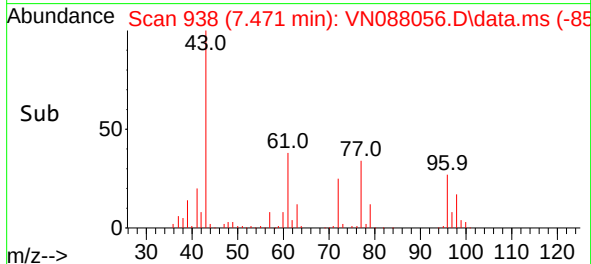
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



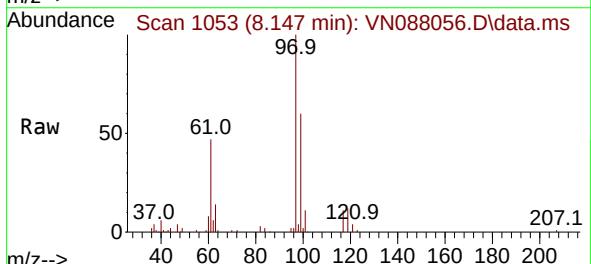
Tgt Ion: 77 Resp: 12602
Ion Ratio Lower Upper
77 100
97 22.3 17.8 26.8

Manual Integrations
APPROVED

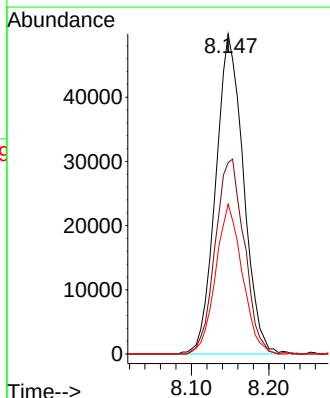
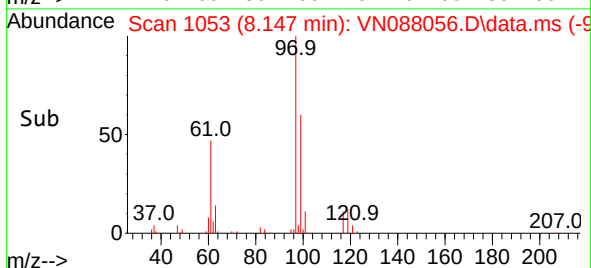
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

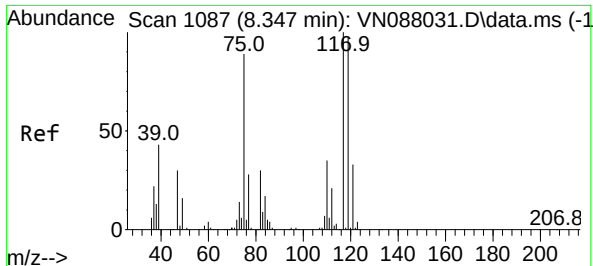


#32
1,1,1-Trichloroethane
Concen: 20.041 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



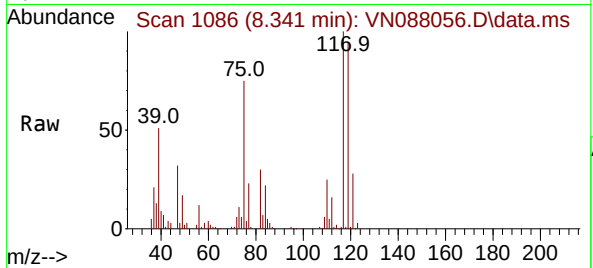
Tgt Ion: 97 Resp: 124024
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 45.1 34.7 52.1





#33
Carbon Tetrachloride
Concen: 20.151 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

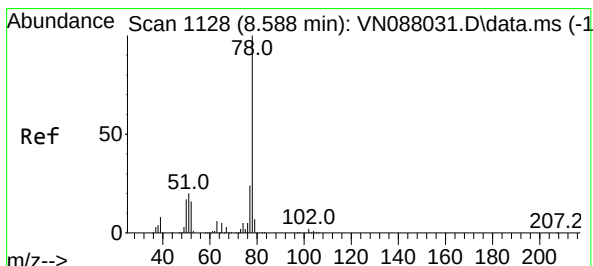
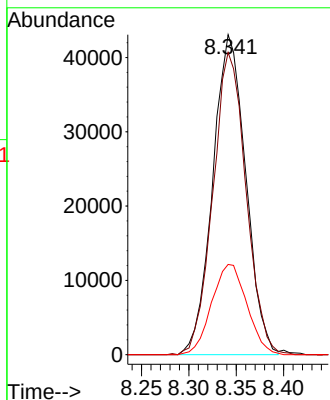
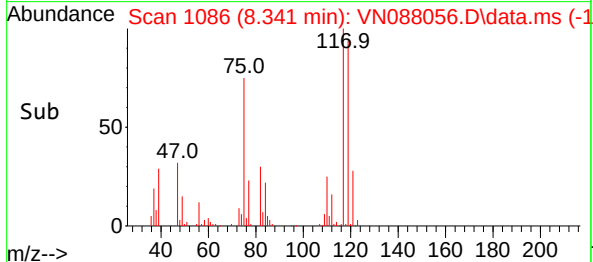
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



Tgt Ion: 117 Resp: 10445
Ion Ratio Lower Upper
117 100
119 94.4 77.9 116.9
121 28.2 26.4 39.6

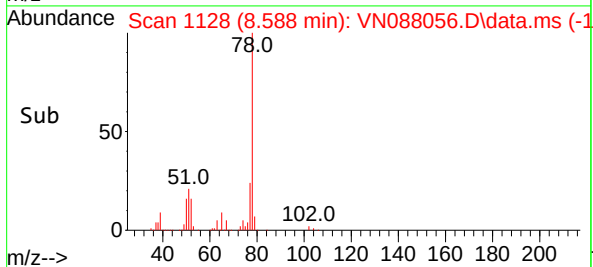
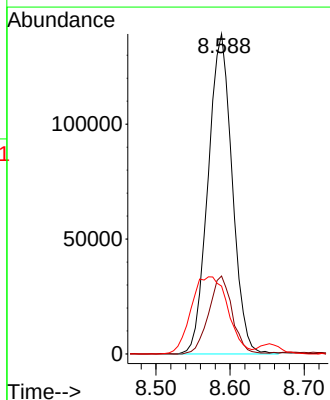
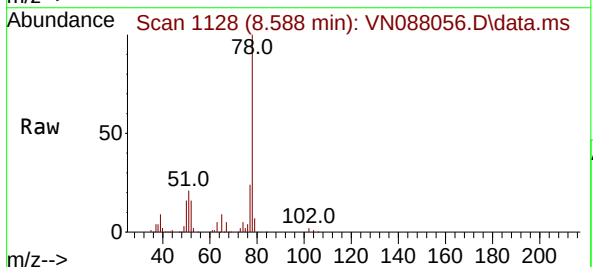
Manual Integrations
APPROVED

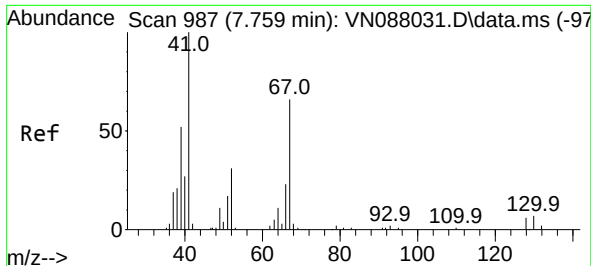
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#34
Benzene
Concen: 19.152 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

Tgt Ion: 78 Resp: 314619
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3
51 18.9 15.6 23.4





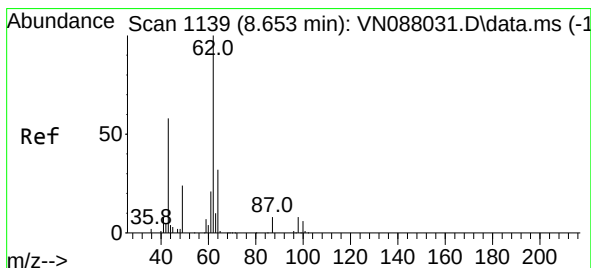
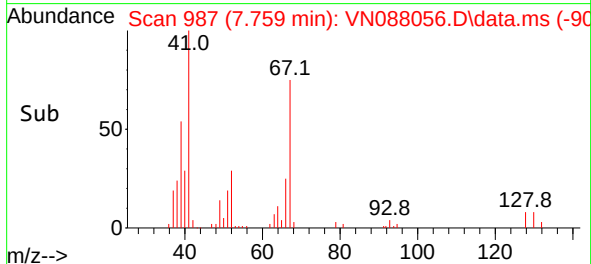
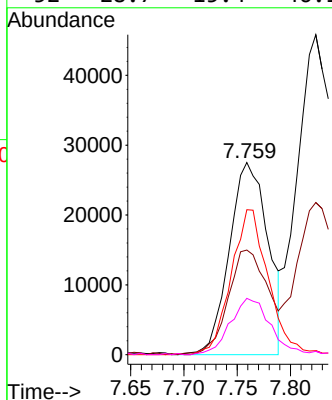
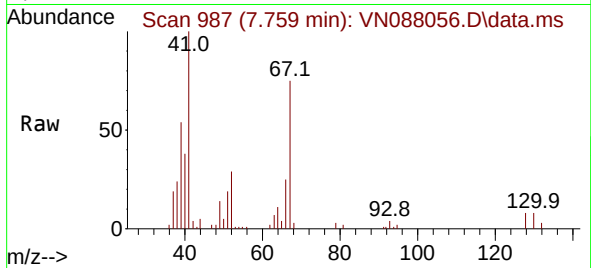
#35
Methacrylonitrile
Concen: 18.132 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01

Tgt Ion: 41 Resp: 69640
Ion Ratio Lower Upper
41 100
39 54.4 26.1 78.3
67 74.8 33.1 99.2
52 28.7 15.4 46.1

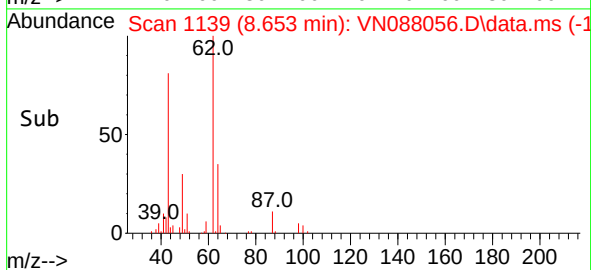
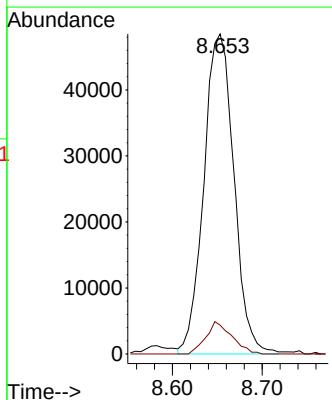
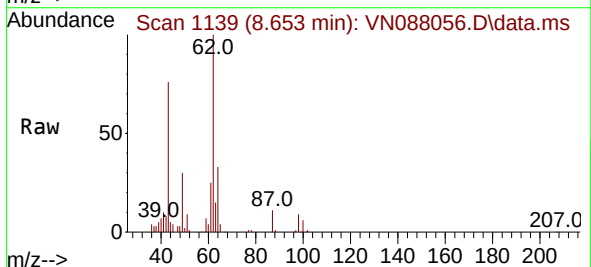
Manual Integrations
APPROVED

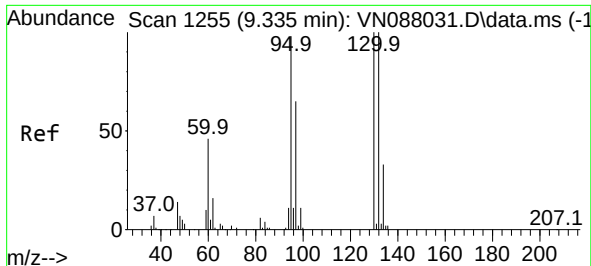
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#36
1,2-Dichloroethane
Concen: 19.813 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

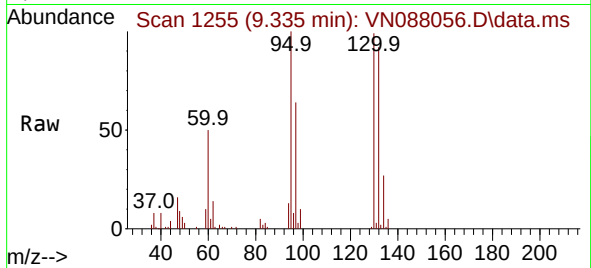
Tgt Ion: 62 Resp: 112994
Ion Ratio Lower Upper
62 100
98 8.7 7.8 11.6





#37
Trichloroethene
Concen: 18.294 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

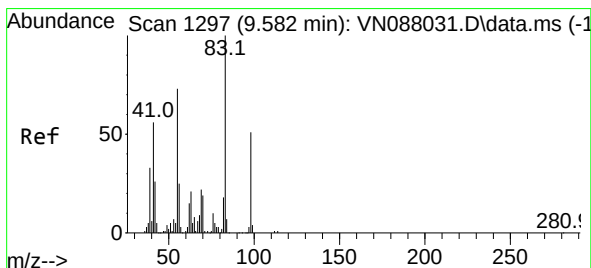
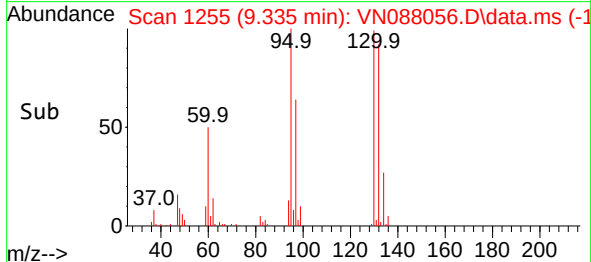
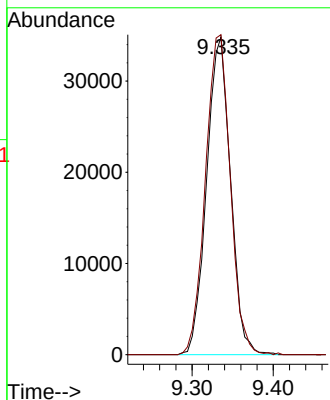
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



Tgt Ion:130 Resp: 71200
Ion Ratio Lower Upper
130 100
95 100.8 78.7 118.1

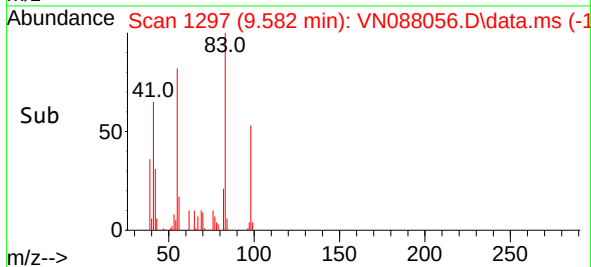
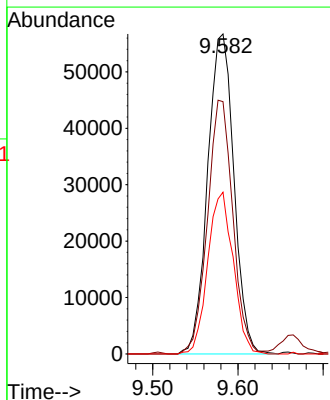
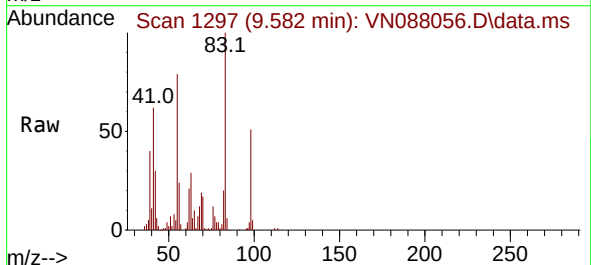
Manual Integrations
APPROVED

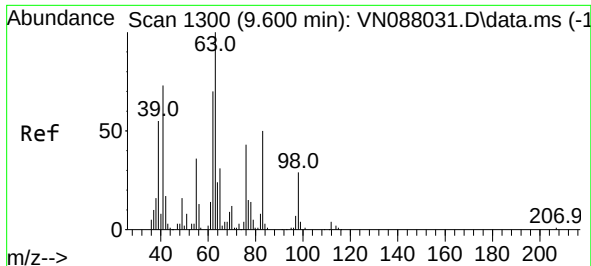
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#38
Methylcyclohexane
Concen: 19.840 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

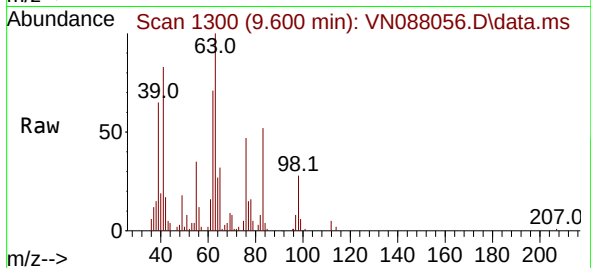
Tgt Ion: 83 Resp: 121344
Ion Ratio Lower Upper
83 100
55 76.6 37.3 111.9
98 49.1 25.4 76.0





#39
1,2-Dichloropropane
Concen: 19.215 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

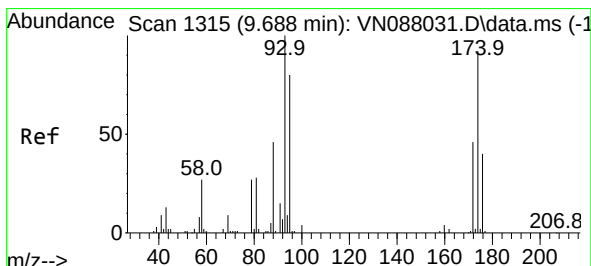
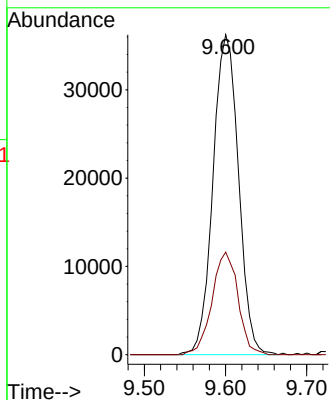
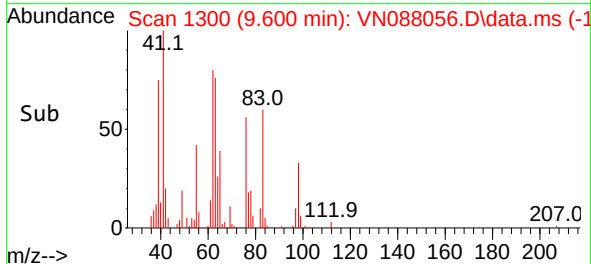
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



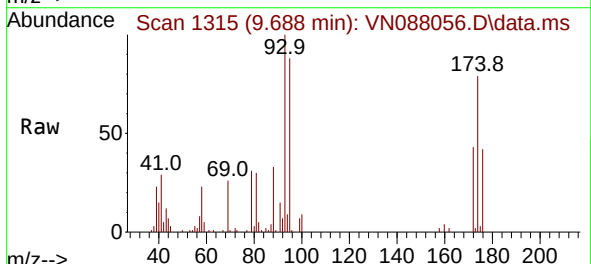
Tgt Ion: 63 Resp: 79149
Ion Ratio Lower Upper
63 100
65 32.0 25.0 37.6

Manual Integrations
APPROVED

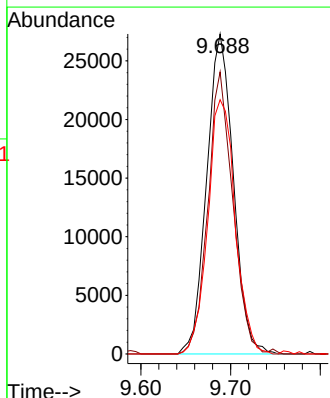
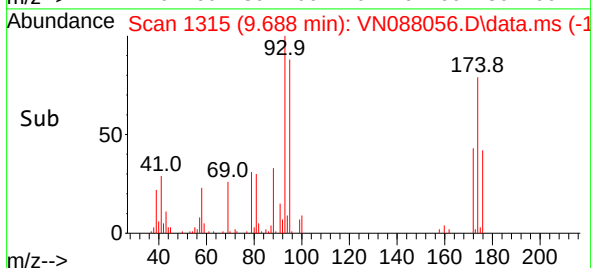
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

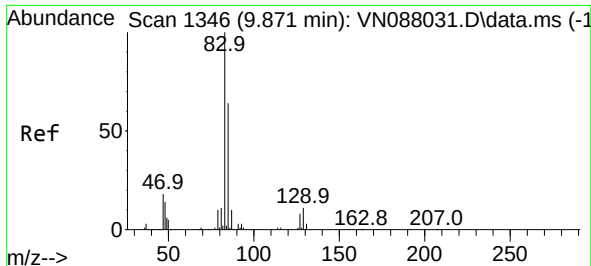


#40
Dibromomethane
Concen: 18.795 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



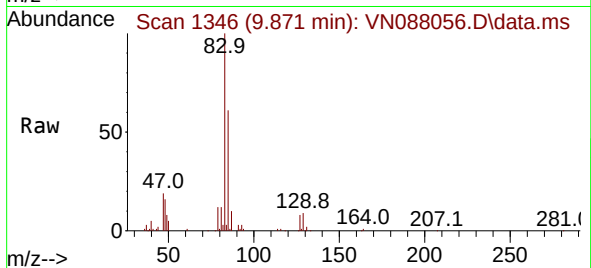
Tgt Ion: 93 Resp: 56354
Ion Ratio Lower Upper
93 100
95 82.4 0.0 158.6
174 81.6 0.0 180.8





#41
Bromodichloromethane
Concen: 19.375 ug/l
RT: 9.871 min Scan# 11864
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

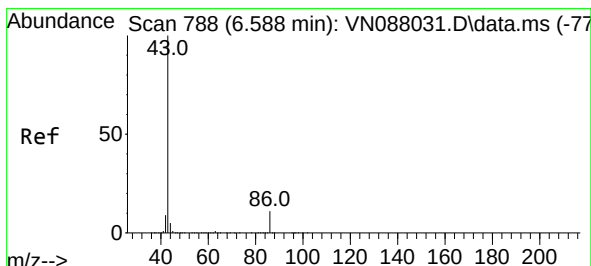
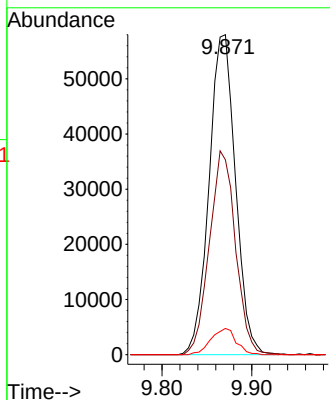
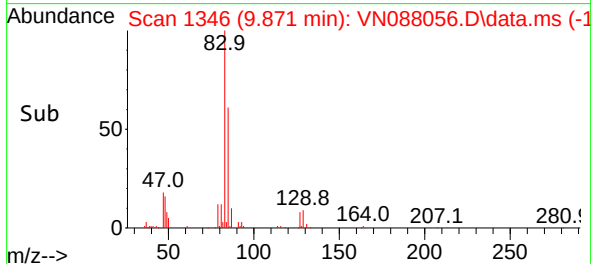
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



Tgt Ion: 83 Resp: 11864
Ion Ratio Lower Upper
83 100
85 60.9 51.0 76.4
127 8.2 6.1 9.1

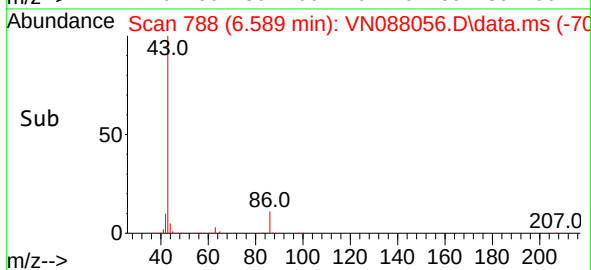
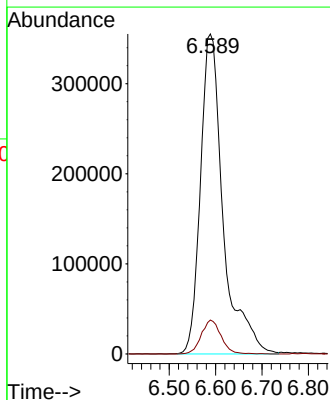
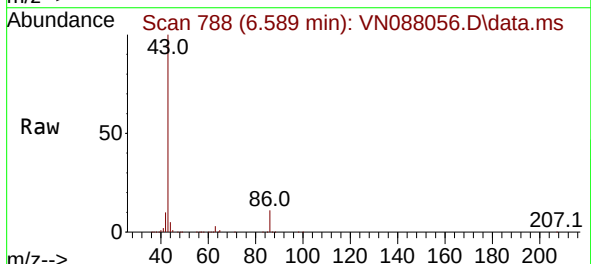
Manual Integrations
APPROVED

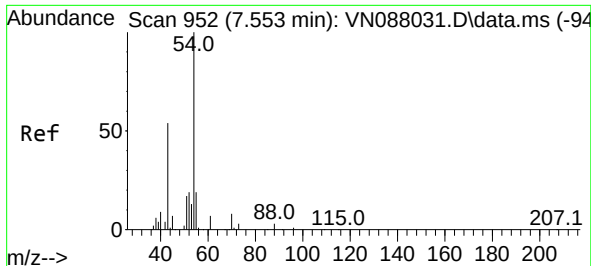
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#42
Vinyl Acetate
Concen: 97.194 ug/l m
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

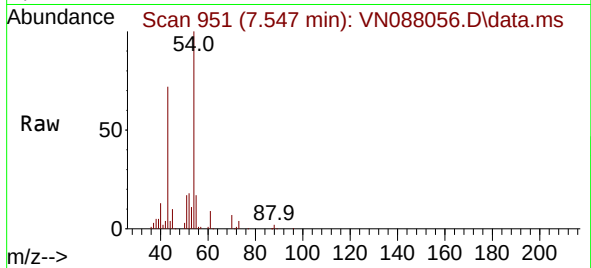
Tgt Ion: 43 Resp: 1209453
Ion Ratio Lower Upper
43 100
86 9.2 8.4 12.6





#43
Ethyl Acetate
Concen: 18.969 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

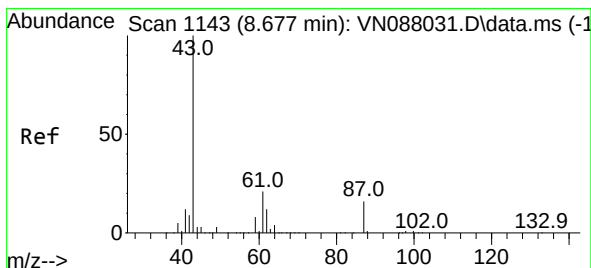
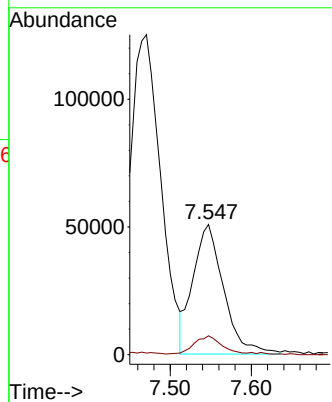
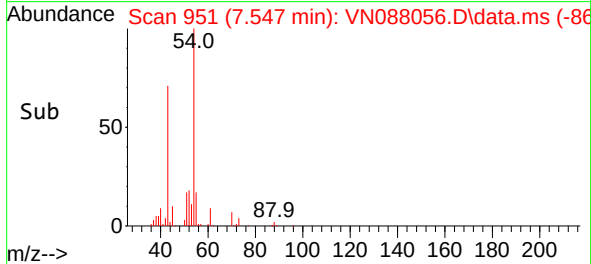
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



Tgt Ion: 43 Resp: 13319
Ion Ratio Lower Upper
43 100
45 12.5 10.2 15.4

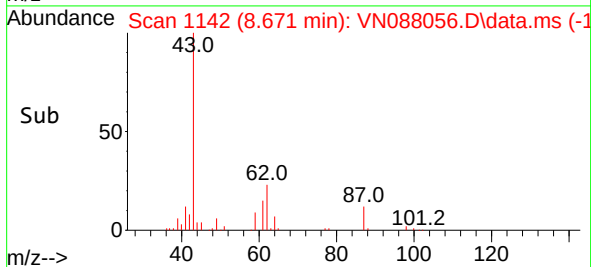
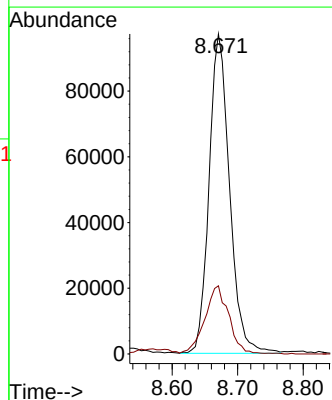
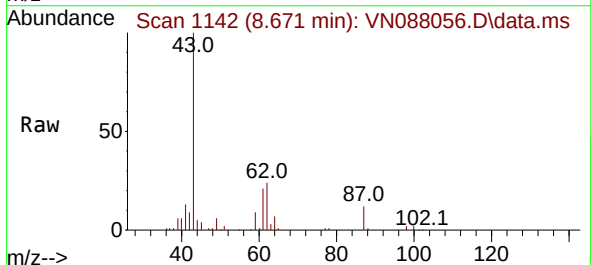
Manual Integrations
APPROVED

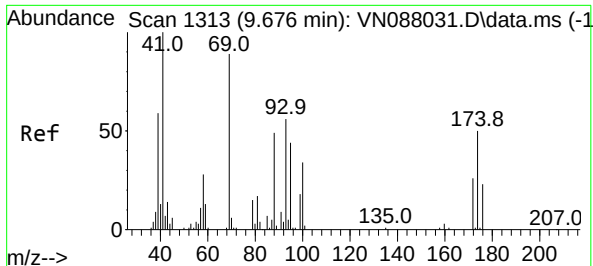
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#44
Isopropyl Acetate
Concen: 18.392 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

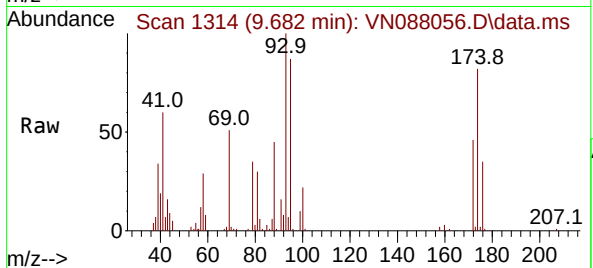
Tgt Ion: 43 Resp: 210930
Ion Ratio Lower Upper
43 100
61 24.5 18.7 28.1





#45
1,4-Dioxane
Concen: 326.268 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

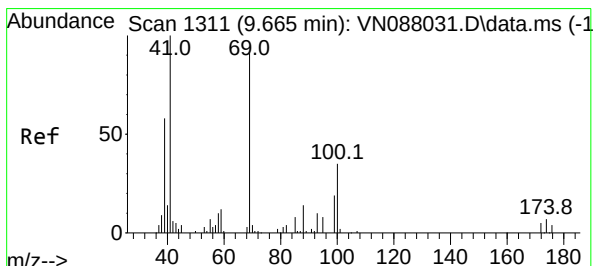
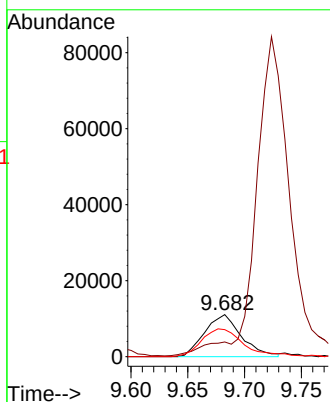
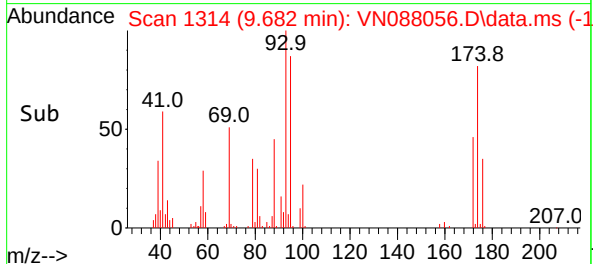
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



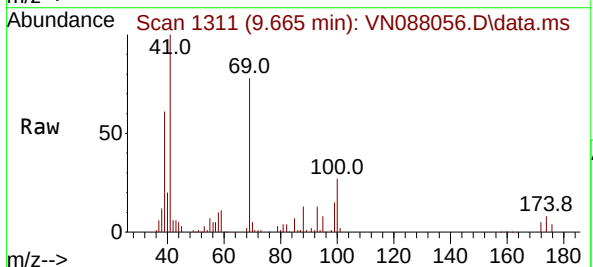
Tgt Ion: 88 Resp: 24880
Ion Ratio Lower Upper
88 100
43 29.3 18.6 27.8
58 75.7 57.4 86.2

Manual Integrations
APPROVED

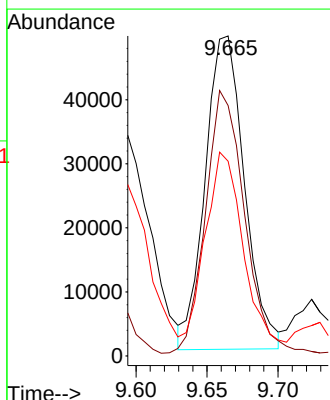
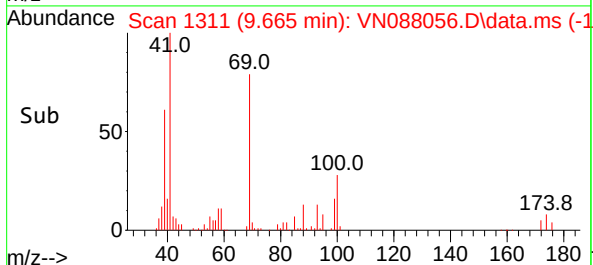
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

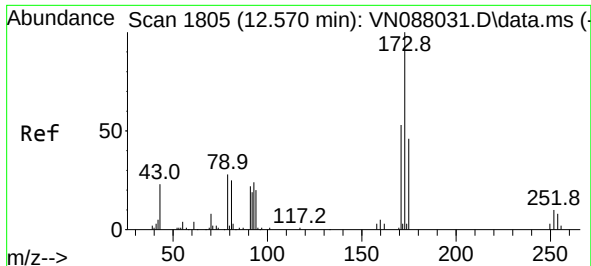


#46
Methyl methacrylate
Concen: 18.621 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



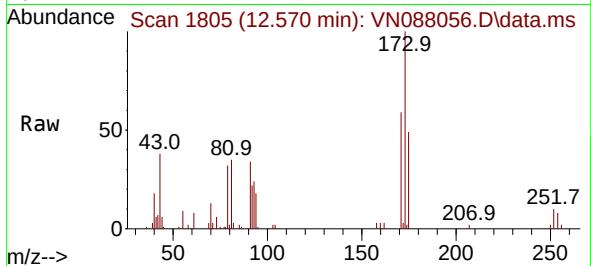
Tgt Ion: 41 Resp: 94043
Ion Ratio Lower Upper
41 100
69 82.0 44.9 134.7
39 60.3 30.3 90.8





#47
n-amyl acetate
Concen: 21.135 ug/l m
RT: 12.570 min Scan# 114884
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

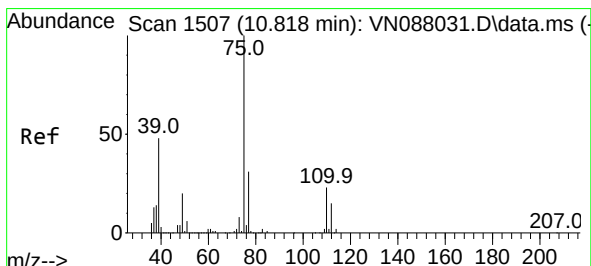
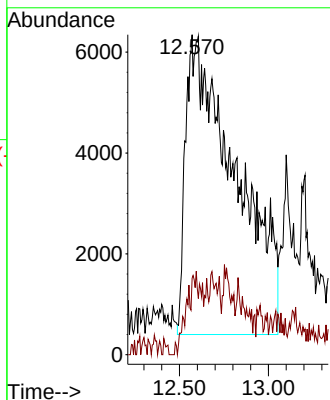
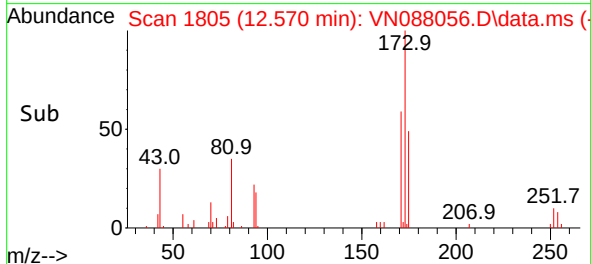
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



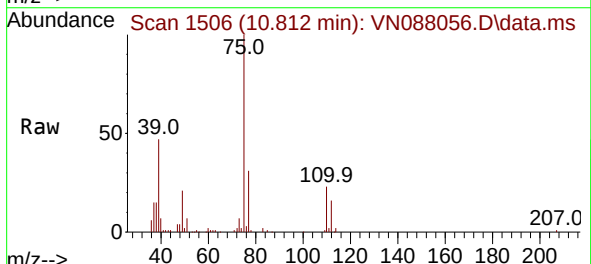
Tgt Ion: 43 Resp: 114884
Ion Ratio Lower Upper
43 100
55 0.7 0.6 0.8

Manual Integrations
APPROVED

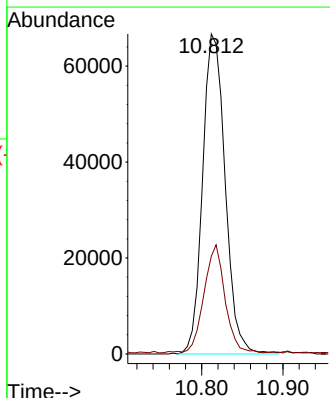
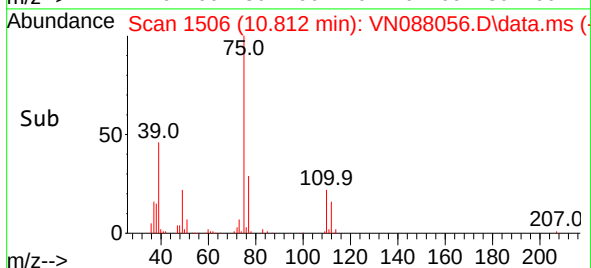
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

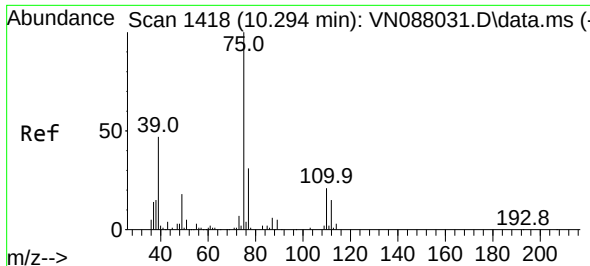


#48
t-1,3-Dichloropropene
Concen: 18.895 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



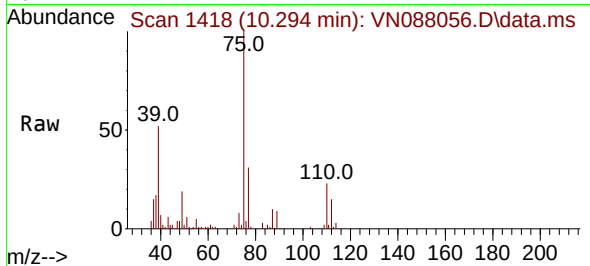
Tgt Ion: 75 Resp: 128661
Ion Ratio Lower Upper
75 100
77 30.0 24.5 36.7





#49
 cis-1,3-Dichloropropene
 Concen: 18.672 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088056.D
 Acq: 17 Oct 2025 10:03

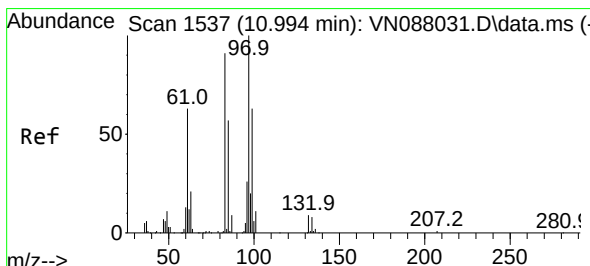
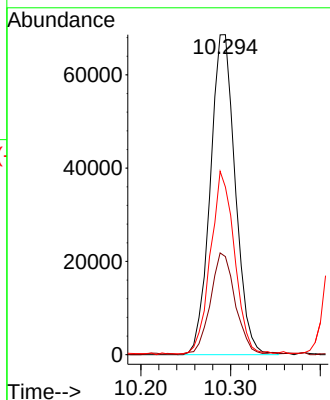
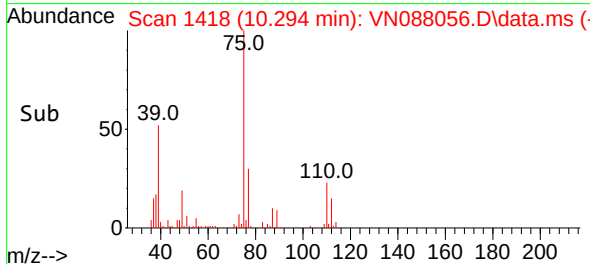
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBS01



Tgt Ion: 75 Resp: 13263
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.4
 39 52.1 37.4 56.0

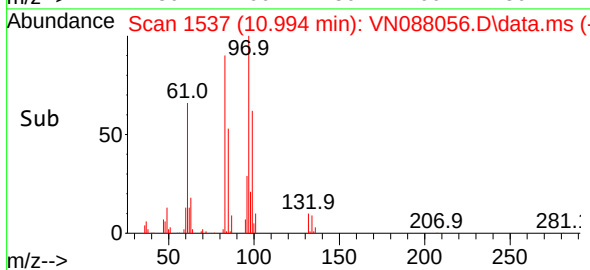
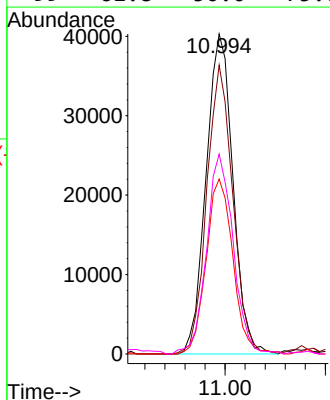
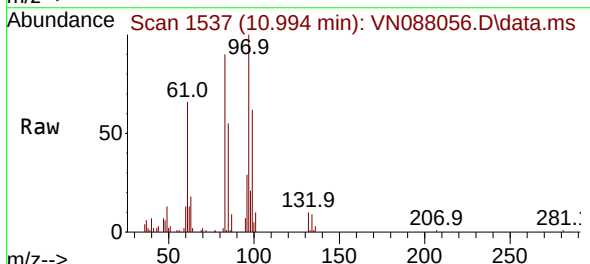
Manual Integrations
 APPROVED

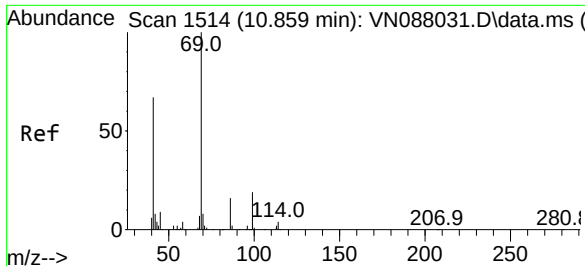
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025



#50
 1,1,2-Trichloroethane
 Concen: 18.857 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088056.D
 Acq: 17 Oct 2025 10:03

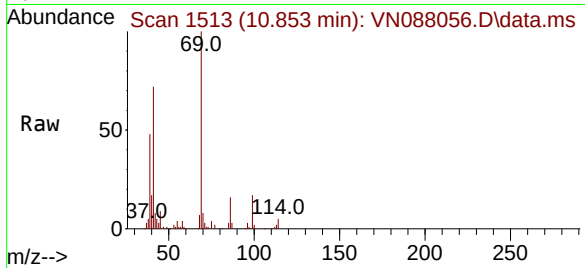
Tgt Ion: 97 Resp: 74875
 Ion Ratio Lower Upper
 97 100
 83 89.8 72.5 108.7
 85 54.7 45.5 68.3
 99 61.8 50.0 75.0





#51
Ethyl methacrylate
Concen: 18.195 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

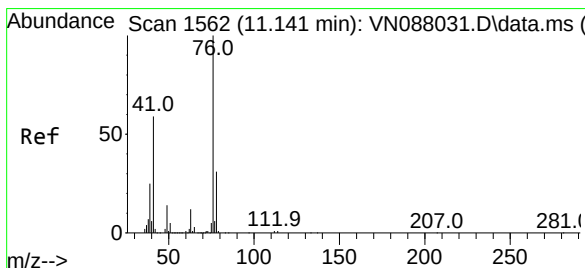
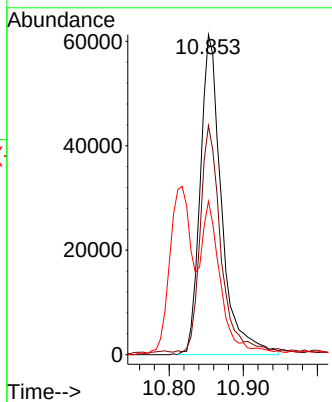
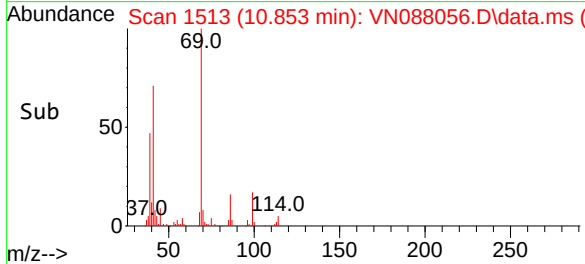
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



Tgt Ion: 69 Resp: 122268
Ion Ratio Lower Upper
69 100
41 70.3 33.3 99.8
39 46.7 20.3 61.0

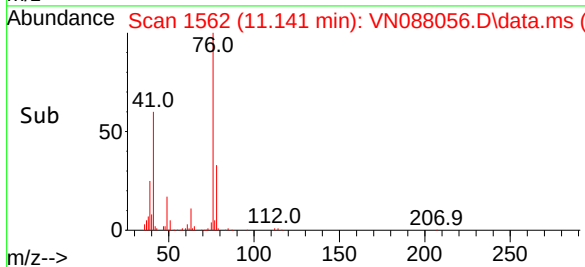
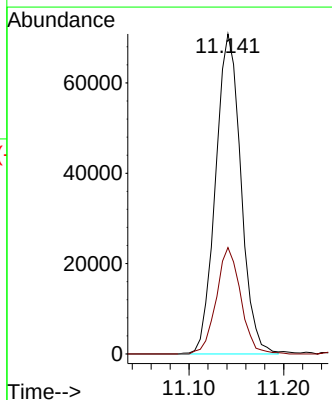
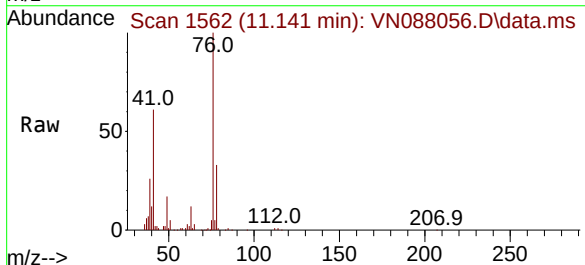
Manual Integrations
APPROVED

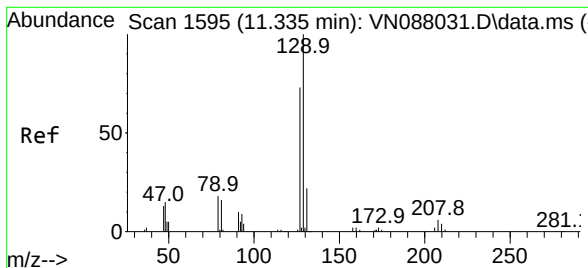
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#52
1,3-Dichloropropane
Concen: 19.013 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

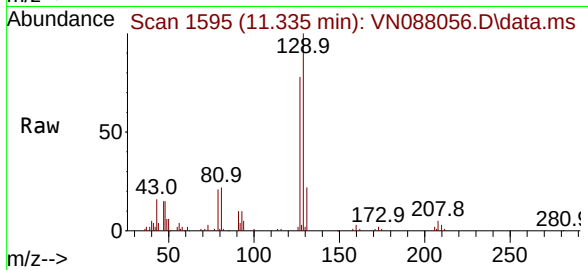
Tgt Ion: 76 Resp: 131711
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.0





#53
Dibromochloromethane
Concen: 18.269 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

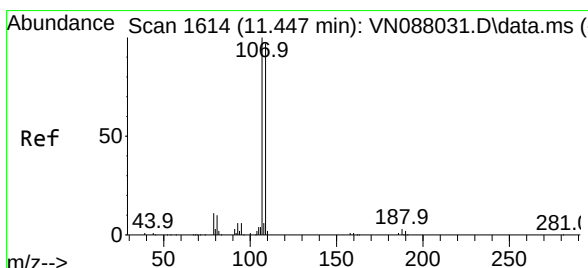
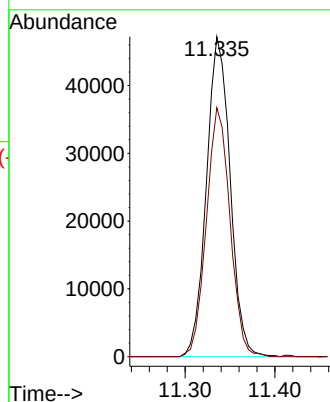
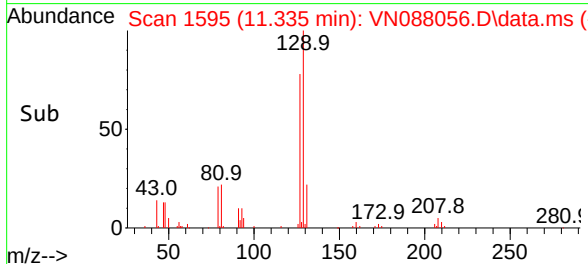
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



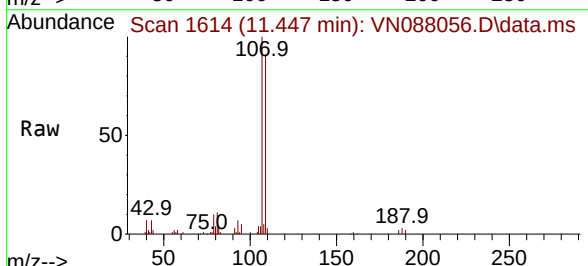
Tgt Ion:129 Resp: 86720
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3

Manual Integrations
APPROVED

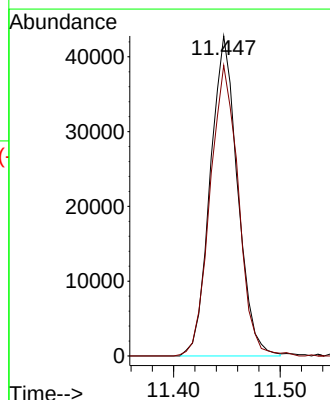
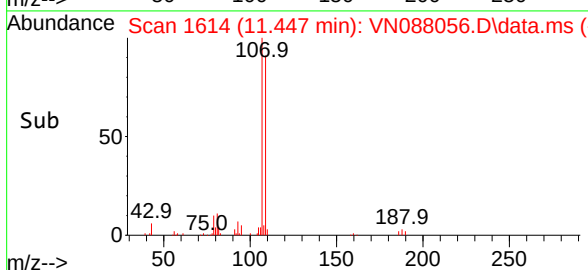
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

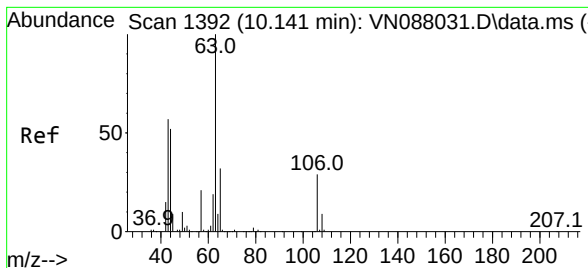


#54
1,2-Dibromoethane
Concen: 17.955 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



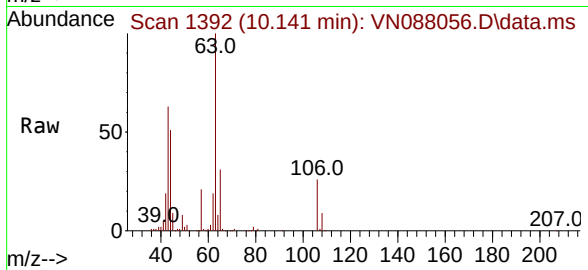
Tgt Ion:107 Resp: 76220
Ion Ratio Lower Upper
107 100
109 93.8 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 80.508 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

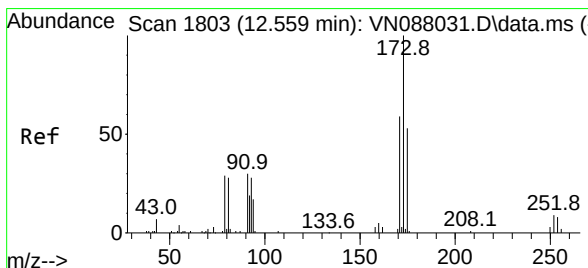
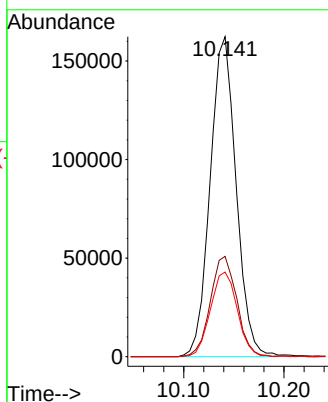
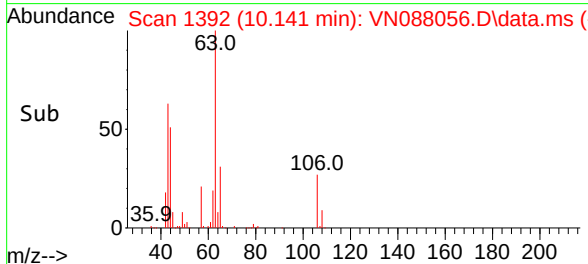
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



Tgt Ion: 63 Resp: 292020
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5
106 27.4 22.6 34.0

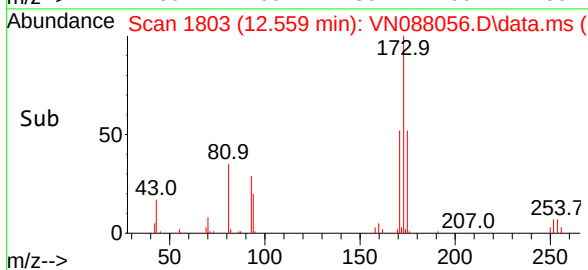
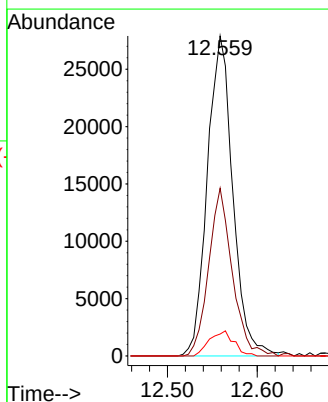
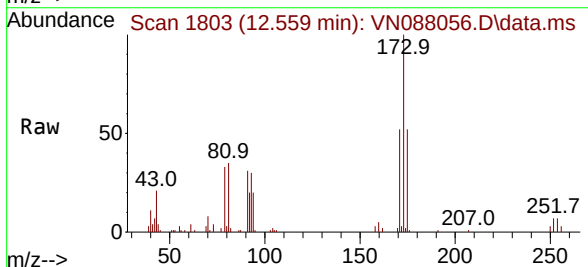
Manual Integrations
APPROVED

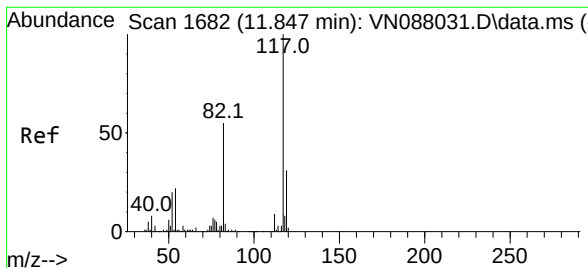
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#56
Bromoform
Concen: 17.148 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

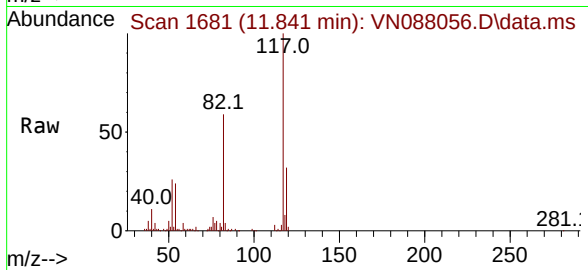
Tgt Ion:173 Resp: 55031
Ion Ratio Lower Upper
173 100
175 47.5 39.6 59.4
254 7.6 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

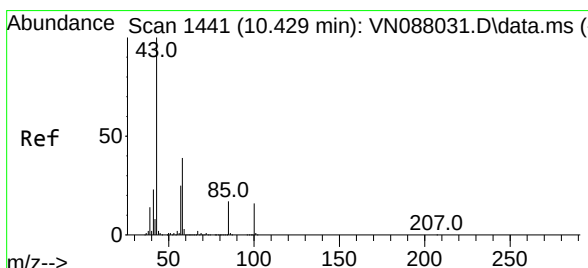
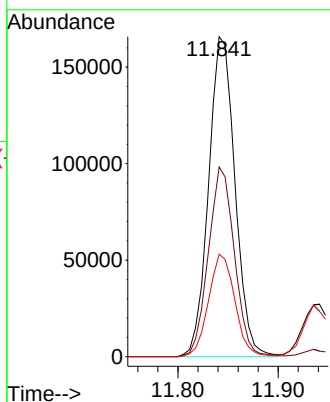
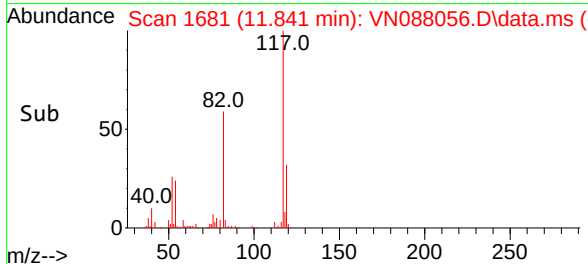
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



Tgt Ion:117 Resp: 303700
Ion Ratio Lower Upper
117 100
82 58.5 45.2 67.8
119 32.0 25.9 38.9

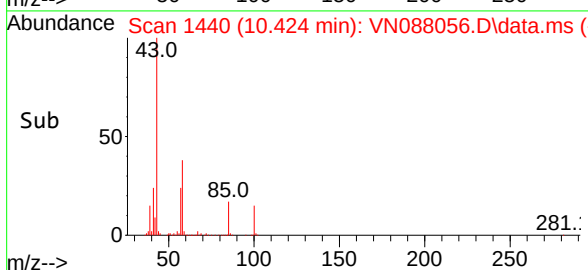
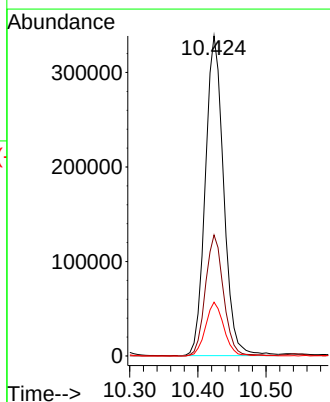
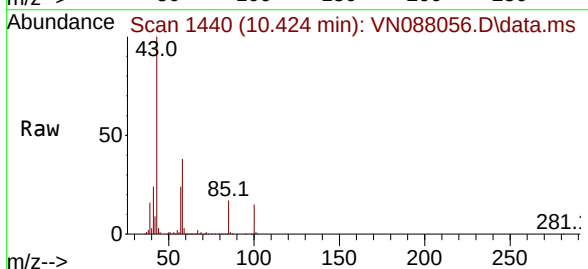
Manual Integrations
APPROVED

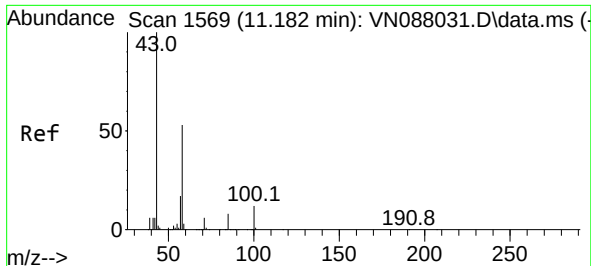
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#58
4-Methyl-2-Pentanone
Concen: 93.491 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

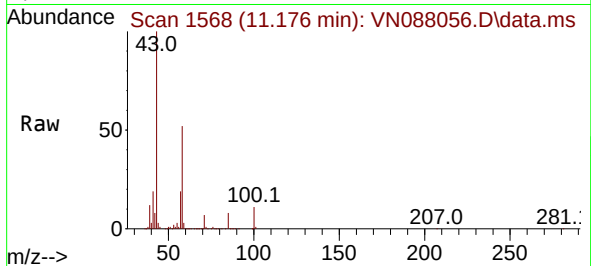
Tgt Ion: 43 Resp: 635098
Ion Ratio Lower Upper
43 100
58 37.5 31.2 46.8
85 16.7 13.7 20.5





#59
2-Hexanone
Concen: 92.491 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

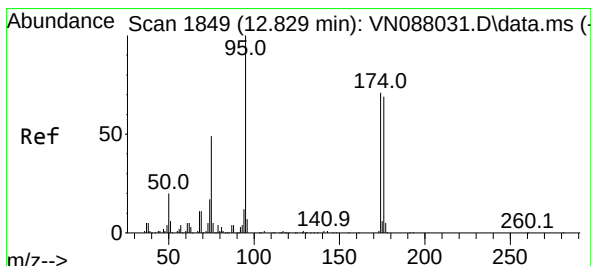
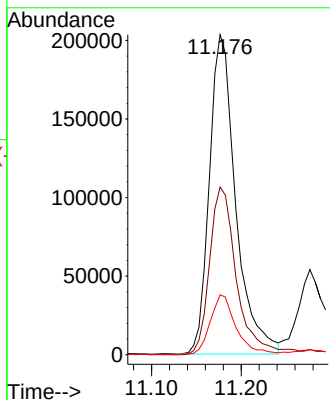
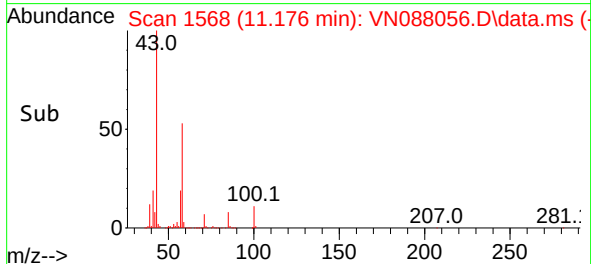
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



Tgt Ion: 43 Resp: 41483
Ion Ratio Lower Upper
43 100
58 53.0 43.1 64.7
57 18.4 14.6 21.8

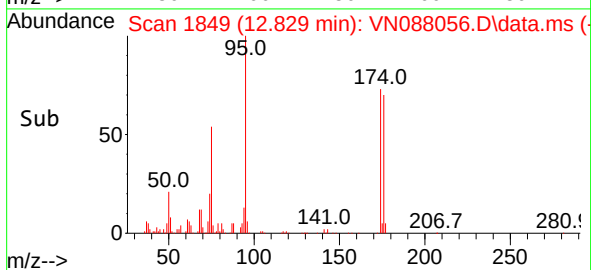
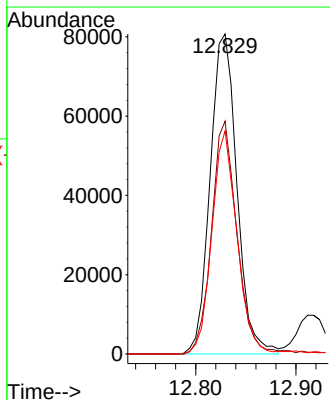
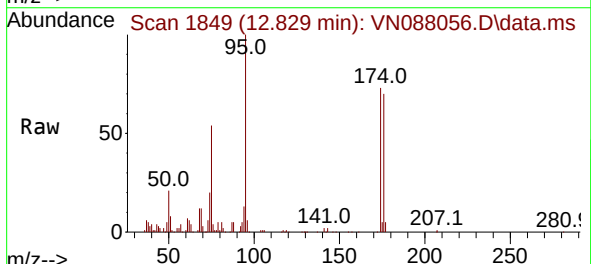
Manual Integrations
APPROVED

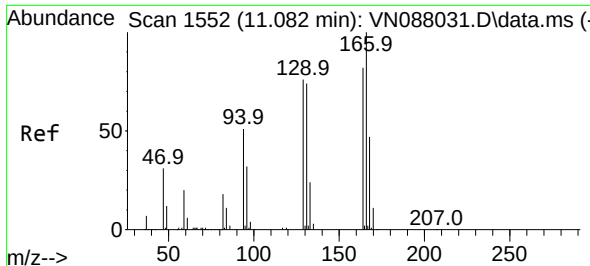
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#60
4-Bromofluorobenzene
Concen: 29.941 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

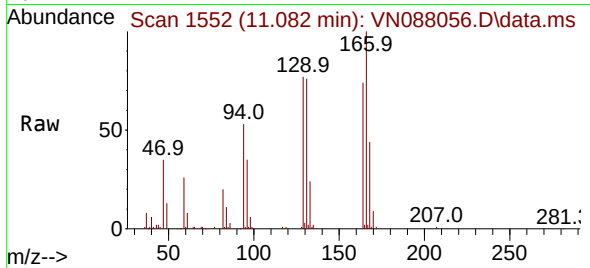
Tgt Ion: 95 Resp: 149905
Ion Ratio Lower Upper
95 100
174 68.5 57.4 86.0
176 65.3 57.0 85.4





#61
Tetrachloroethene
Concen: 18.197 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

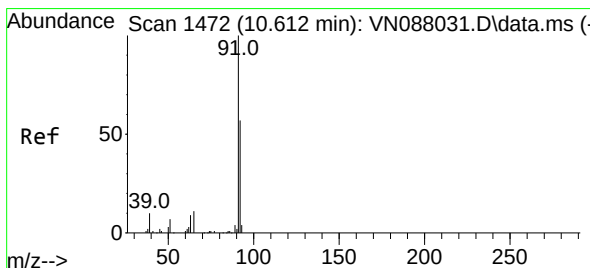
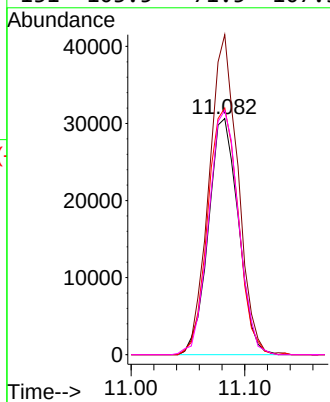
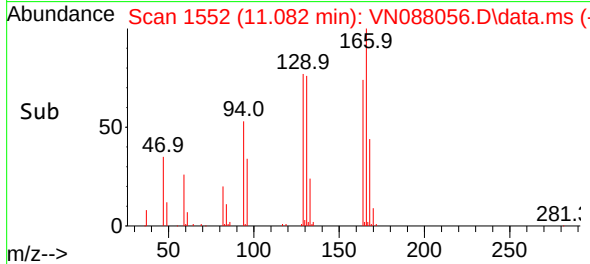
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



Tgt Ion:164 Resp: 55960
Ion Ratio Lower Upper
164 100
166 135.5 97.2 145.8
129 104.5 73.7 110.5
131 103.5 71.5 107.3

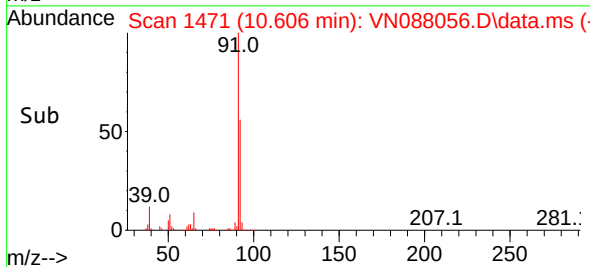
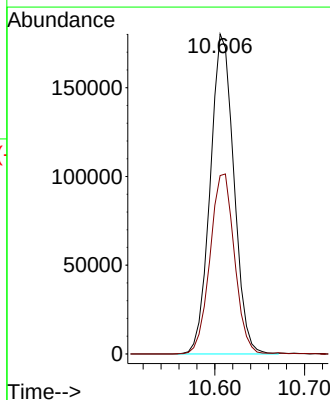
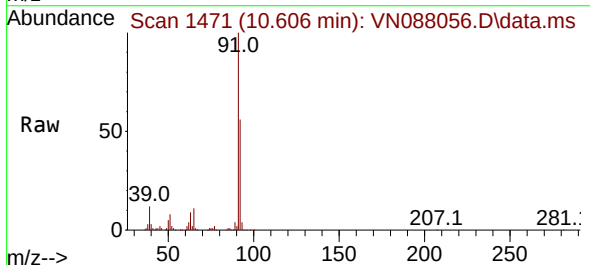
Manual Integrations
APPROVED

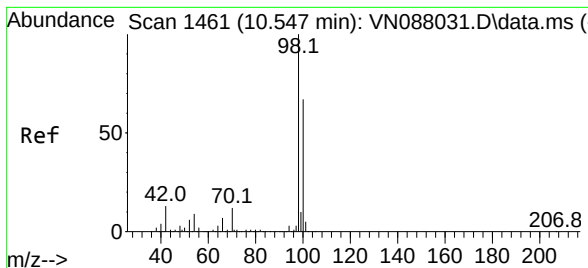
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#62
Toluene
Concen: 19.140 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

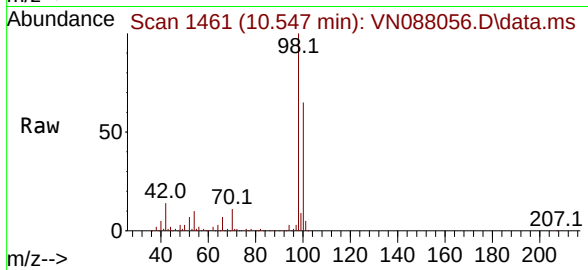
Tgt Ion: 91 Resp: 329738
Ion Ratio Lower Upper
91 100
92 58.2 45.8 68.8





#63
Toluene-d8
Concen: 30.850 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

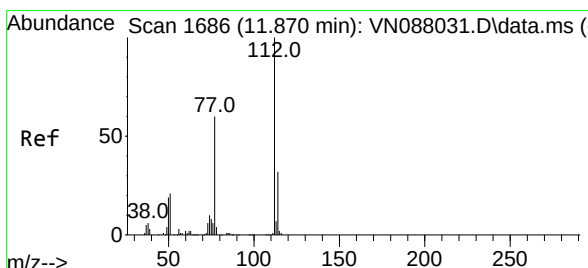
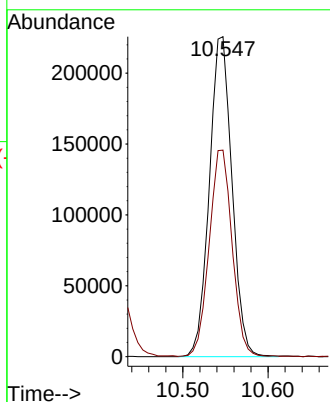
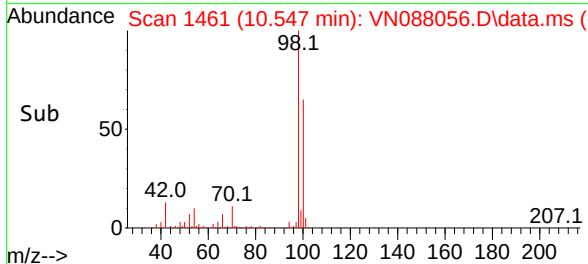
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



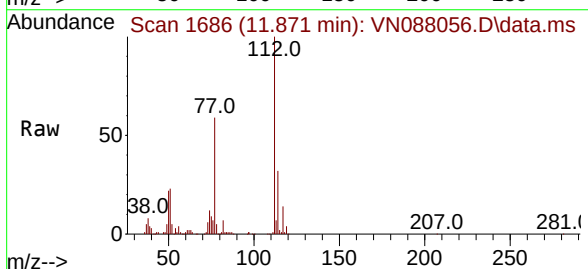
Tgt Ion: 98 Resp: 41744
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7

Manual Integrations
APPROVED

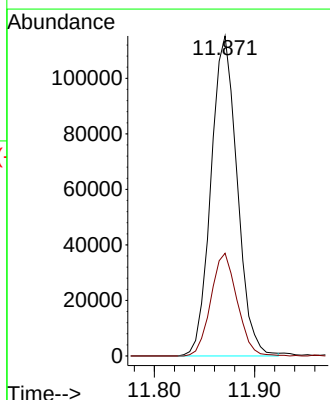
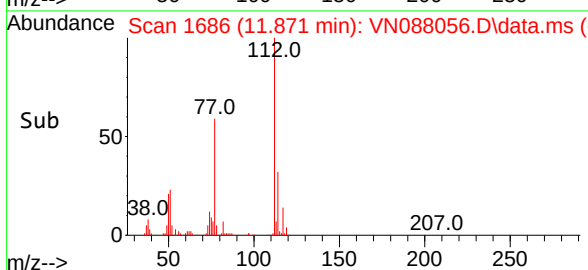
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

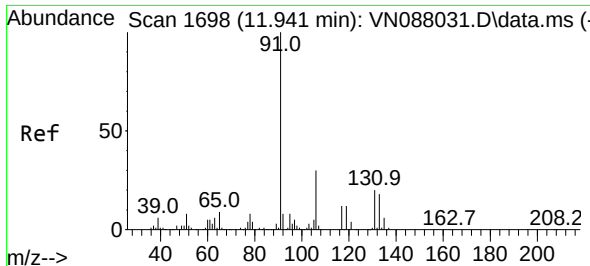


#64
Chlorobenzene
Concen: 19.006 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



Tgt Ion:112 Resp: 209138
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5





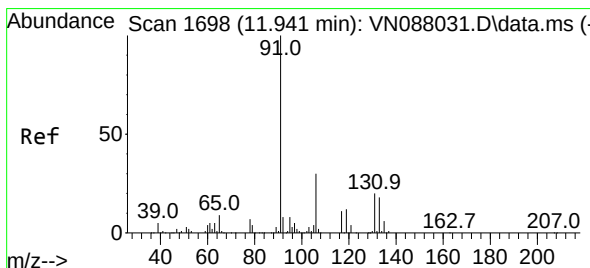
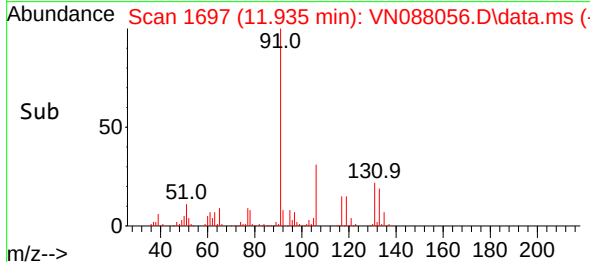
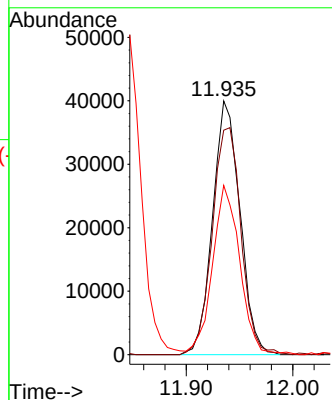
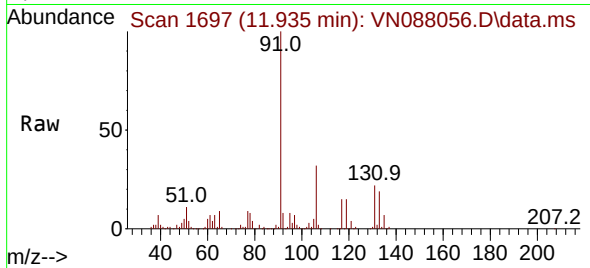
#65
1,1,1,2-Tetrachloroethane
Concen: 18.846 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01

Tgt Ion:131 Resp: 7146
Ion Ratio Lower Upper
131 100
133 94.2 0.0 183.8
119 66.3 0.0 132.0

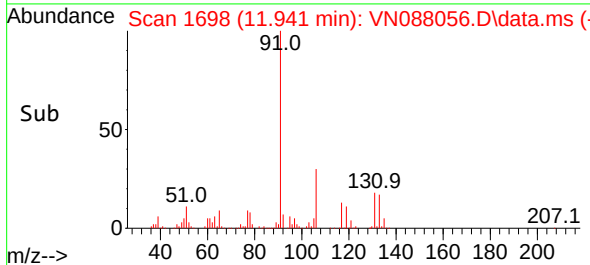
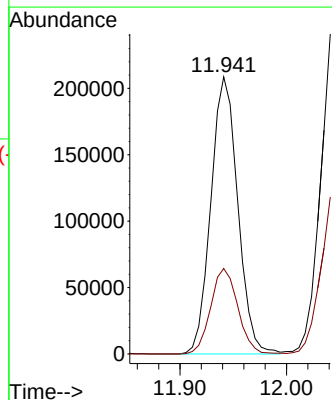
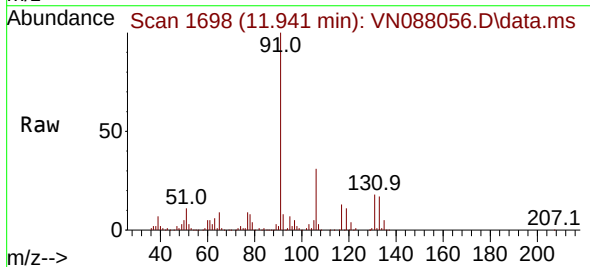
Manual Integrations
APPROVED

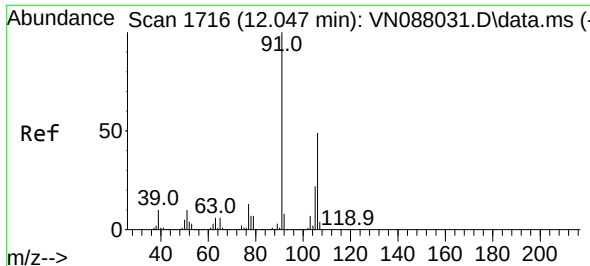
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#66
Ethyl Benzene
Concen: 19.525 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

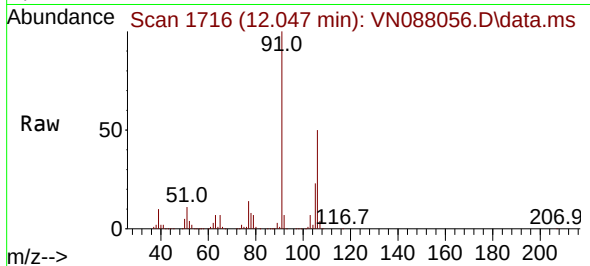
Tgt Ion: 91 Resp: 365743
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0





#67
m/p-Xylenes
Concen: 38.752 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

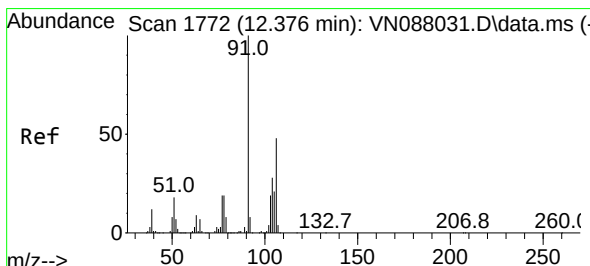
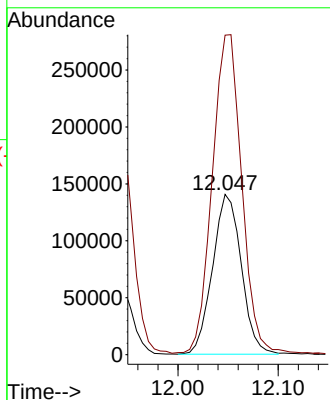
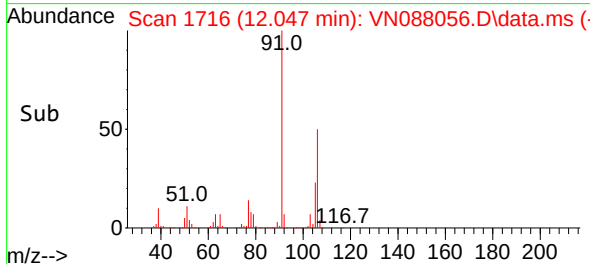
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



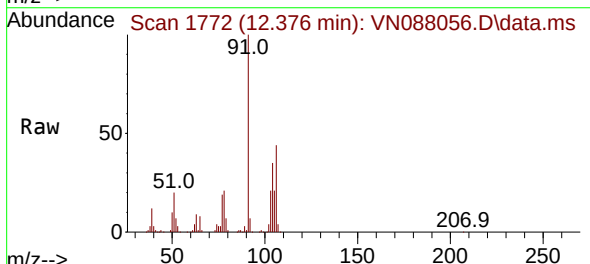
Tgt Ion:106 Resp: 279849
Ion Ratio Lower Upper
106 100
91 206.3 161.4 242.0

Manual Integrations
APPROVED

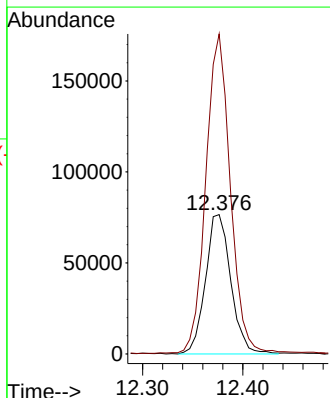
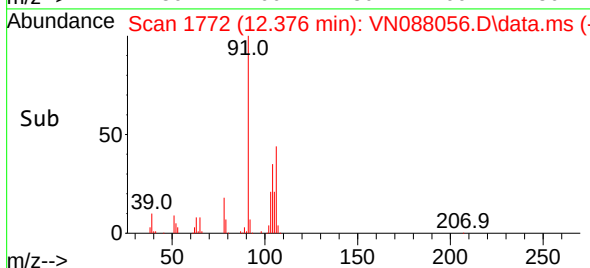
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

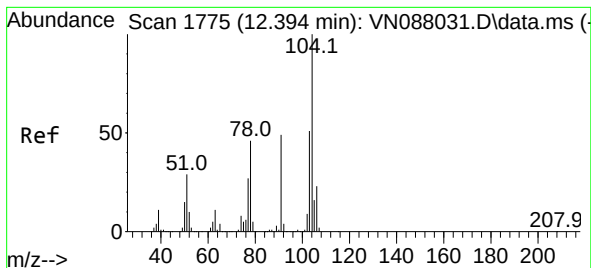


#68
o-Xylene
Concen: 18.709 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



Tgt Ion:106 Resp: 134497
Ion Ratio Lower Upper
106 100
91 219.4 105.2 315.6





#69

Styrene

Concen: 18.965 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN088056.D

Acq: 17 Oct 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBS01

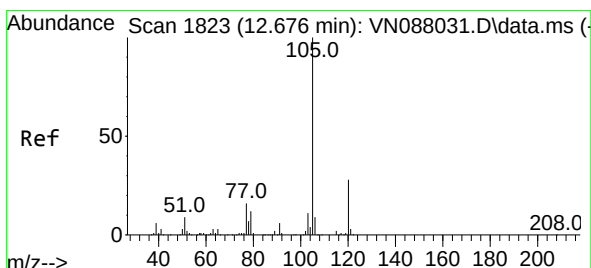
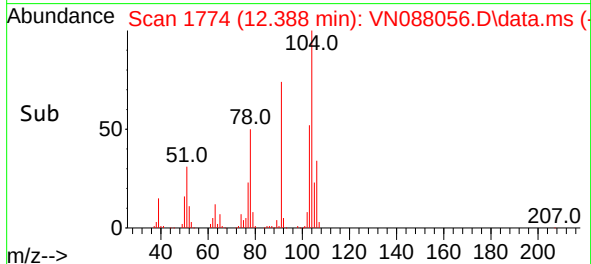
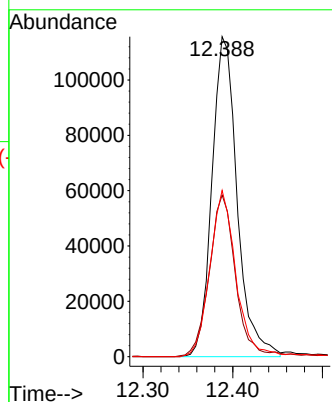
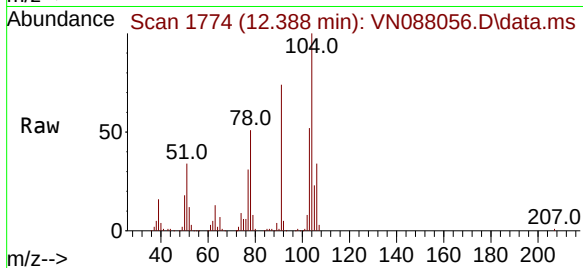
Tgt Ion:104 Resp: 225528
 Ion Ratio Lower Upper
 104 100
 78 51.8 41.8 62.6
 103 53.5 44.9 67.3

Manual Integrations

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Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#70

Isopropylbenzene

Concen: 19.650 ug/l

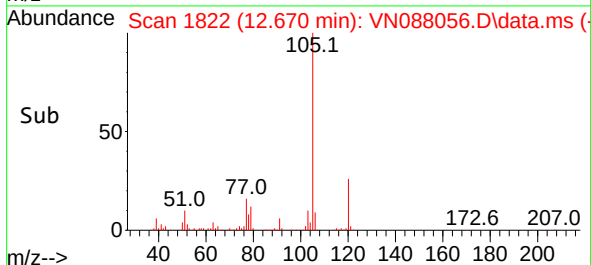
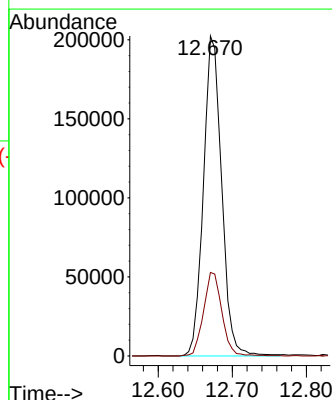
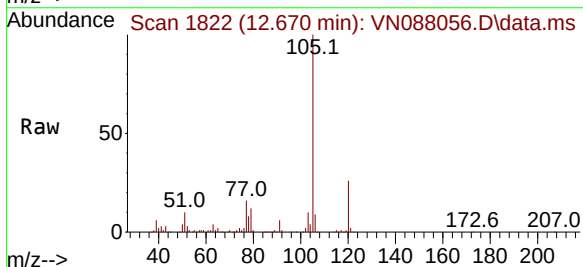
RT: 12.670 min Scan# 1822

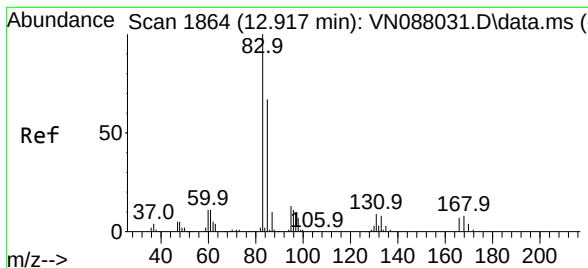
Delta R.T. -0.006 min

Lab File: VN088056.D

Acq: 17 Oct 2025 10:03

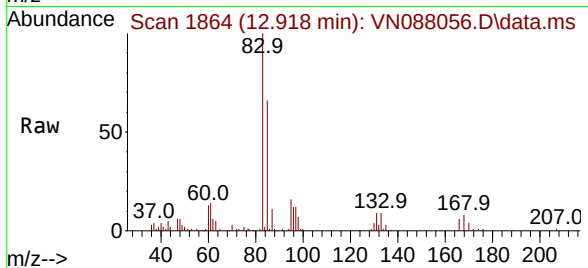
Tgt Ion:105 Resp: 346221
 Ion Ratio Lower Upper
 105 100
 120 26.0 19.1 35.5





#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.435 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN088056.D
 Acq: 17 Oct 2025 10:03

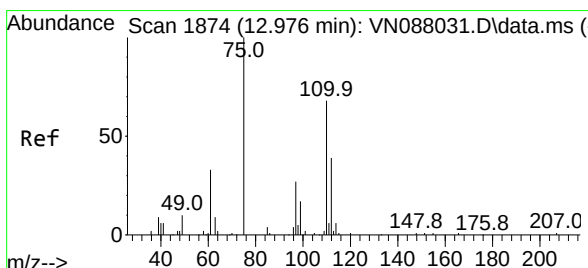
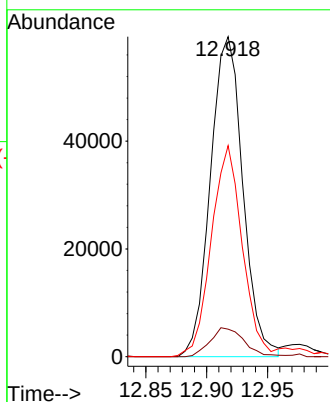
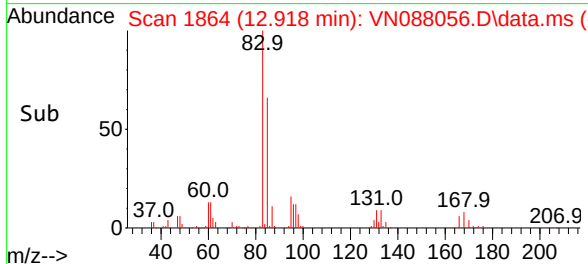
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBS01



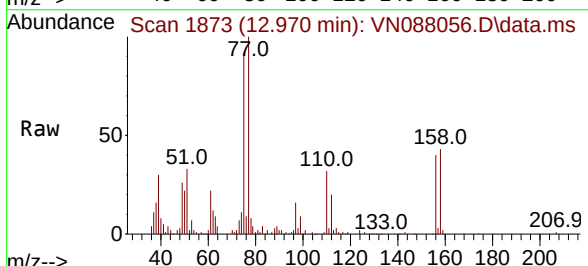
Tgt Ion: 83 Resp: 11012
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.8 14.3
 85 62.7 32.4 97.2

Manual Integrations
 APPROVED

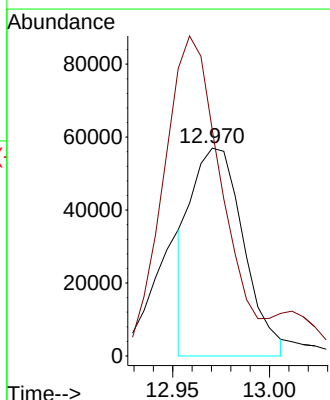
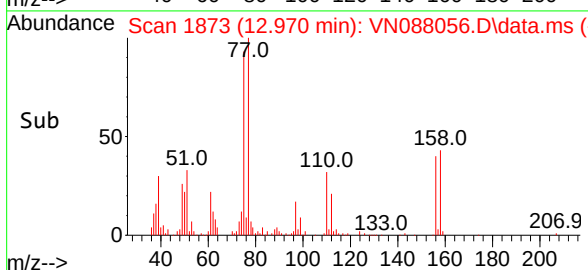
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

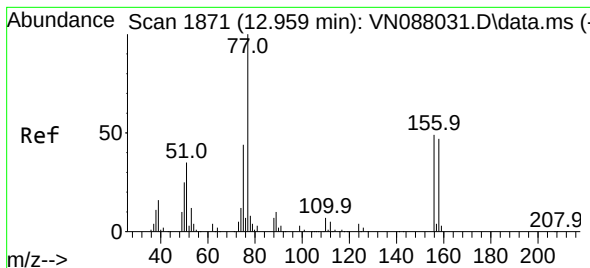


#72
 1,2,3-Trichloropropane
 Concen: 19.370 ug/l m
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.006 min
 Lab File: VN088056.D
 Acq: 17 Oct 2025 10:03



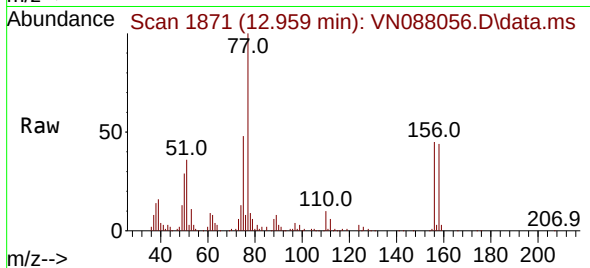
Tgt Ion: 75 Resp: 107460
 Ion Ratio Lower Upper
 75 100
 77 170.1 0.0 364.0





#73
Bromobenzene
Concen: 17.966 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

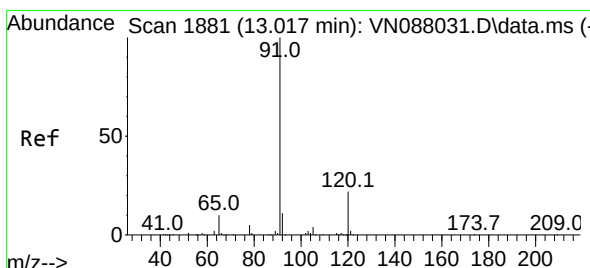
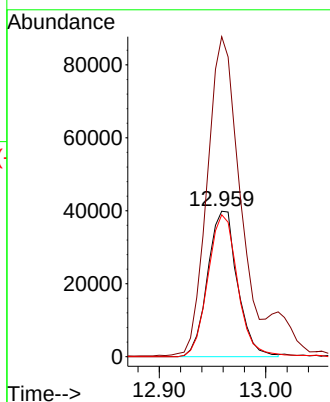
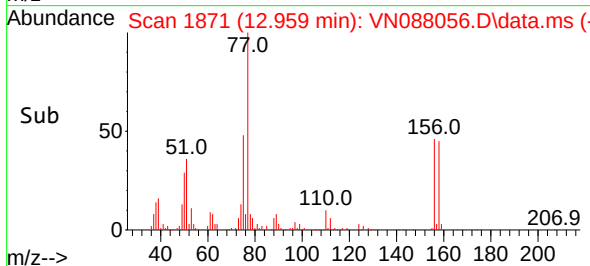
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



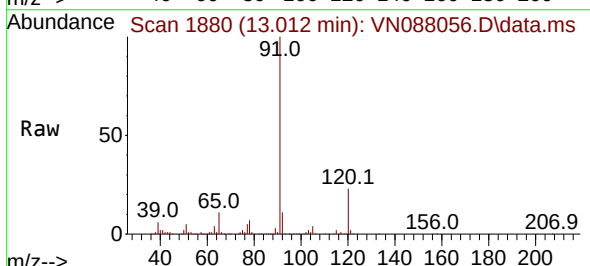
Tgt Ion:156 Resp: 77370
Ion Ratio Lower Upper
156 100
77 236.3 0.0 439.8
158 97.9 0.0 190.0

Manual Integrations
APPROVED

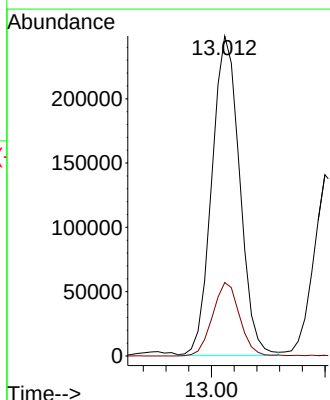
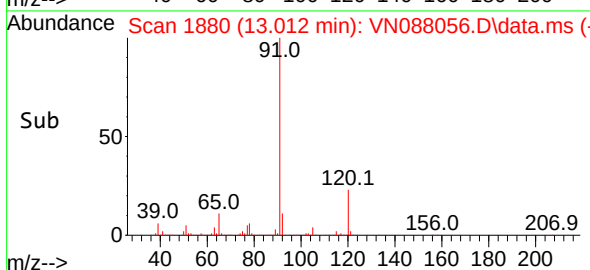
Reviewed By :John Carbone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

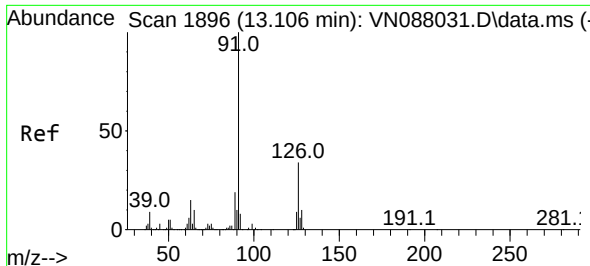


#74
n-propylbenzene
Concen: 19.823 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



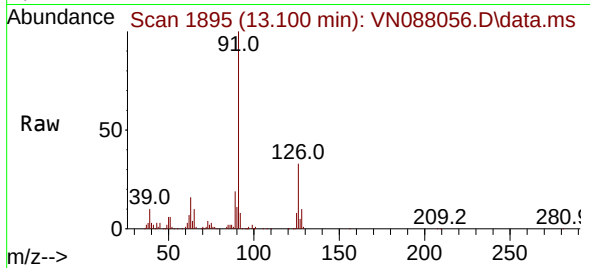
Tgt Ion: 91 Resp: 421634
Ion Ratio Lower Upper
91 100
120 22.3 0.0 46.2





#75
2-Chlorotoluene
Concen: 19.386 ug/l
RT: 13.100 min Scan# 1896
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

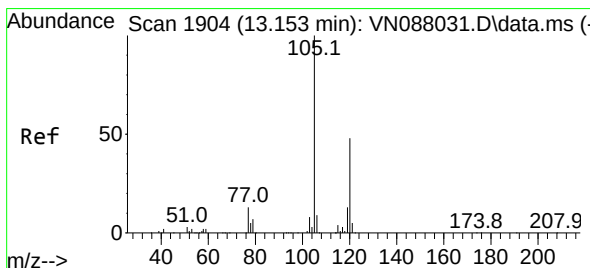
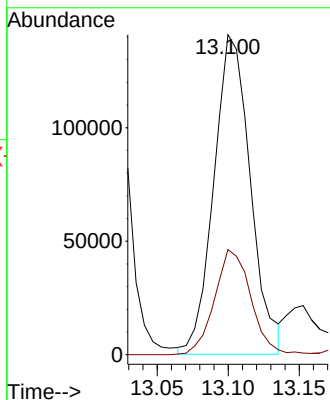
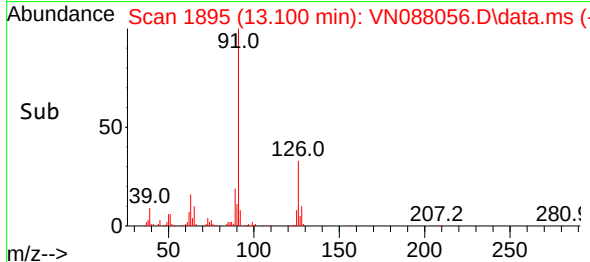
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



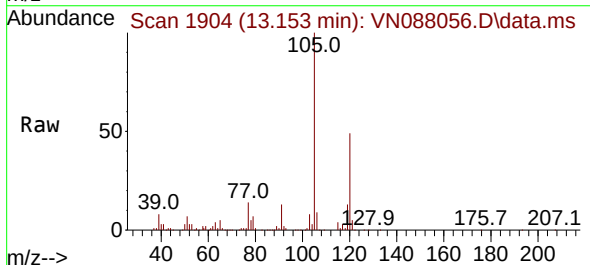
Tgt Ion: 91 Resp: 252120
Ion Ratio Lower Upper
91 100
126 32.7 0.0 66.6

Manual Integrations
APPROVED

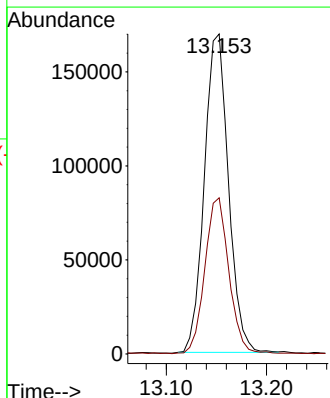
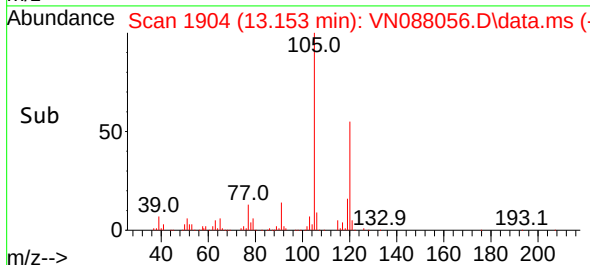
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

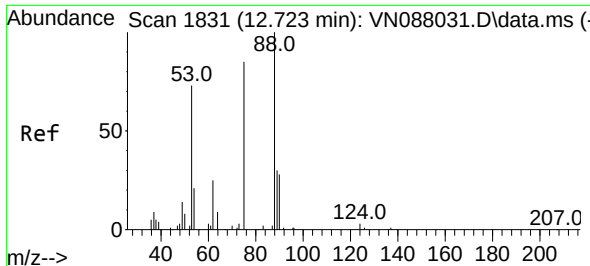


#76
1,3,5-Trimethylbenzene
Concen: 18.886 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



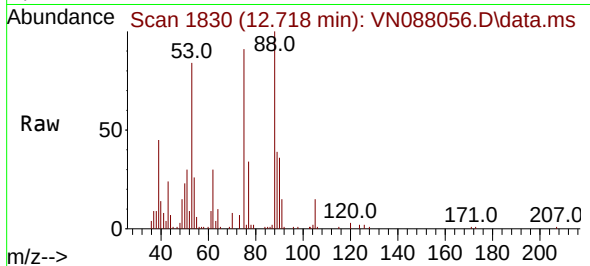
Tgt Ion:105 Resp: 282658
Ion Ratio Lower Upper
105 100
120 48.9 0.0 100.6





#77
 t-1,4-Dichloro-2-butene
 Concen: 16.161 ug/l
 RT: 12.718 min Scan# 1830
 Delta R.T. -0.006 min
 Lab File: VN088056.D
 Acq: 17 Oct 2025 10:03

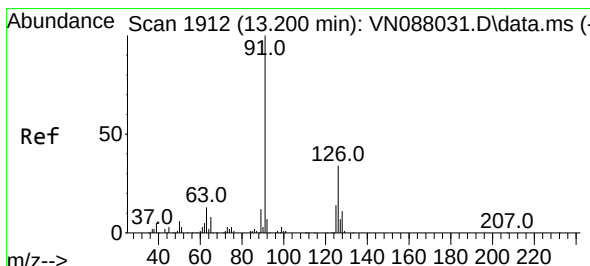
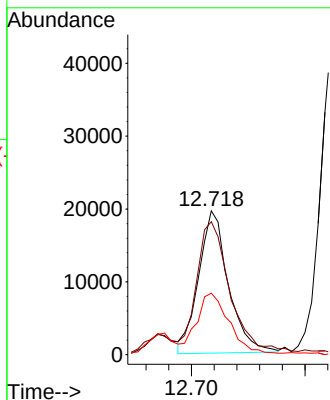
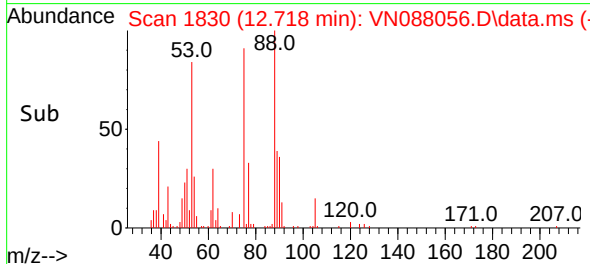
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBS01



Tgt Ion: 75 Resp: 35729
 Ion Ratio Lower Upper
 75 100
 53 90.9 41.8 125.3
 89 43.0 19.9 59.6

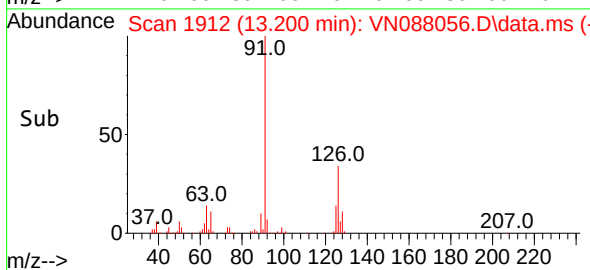
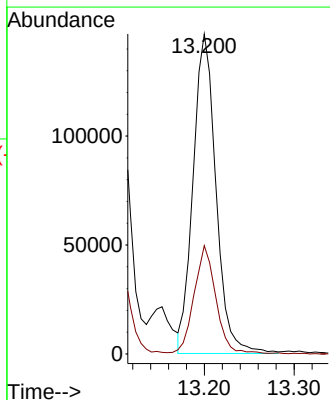
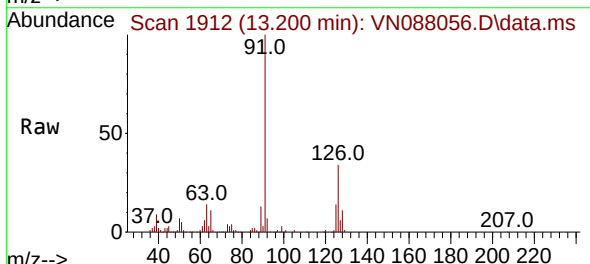
Manual Integrations
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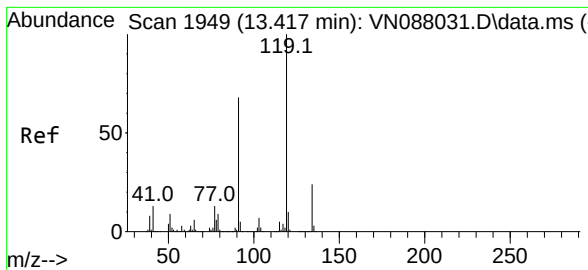
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025



#78
 4-Chlorotoluene
 Concen: 19.690 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VN088056.D
 Acq: 17 Oct 2025 10:03

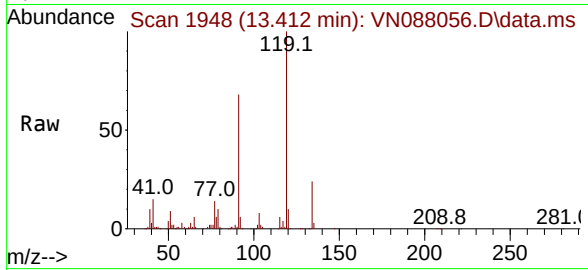
Tgt Ion: 91 Resp: 260161
 Ion Ratio Lower Upper
 91 100
 126 32.1 0.0 68.8





#79
tert-butylbenzene
Concen: 19.970 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

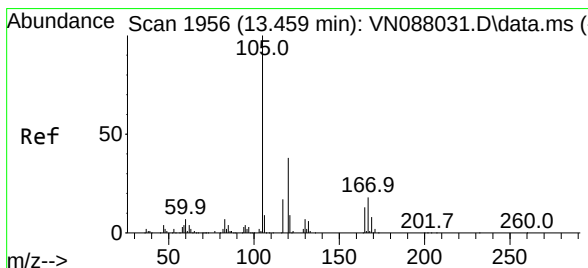
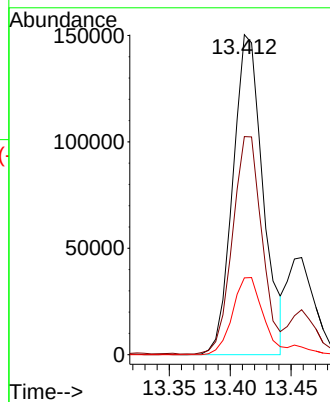
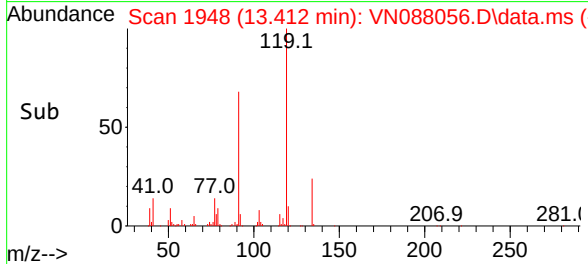
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



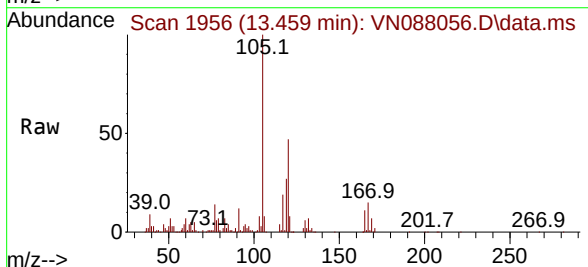
Tgt Ion:119 Resp: 259100
Ion Ratio Lower Upper
119 100
91 66.6 0.0 132.4
134 24.5 0.0 48.6

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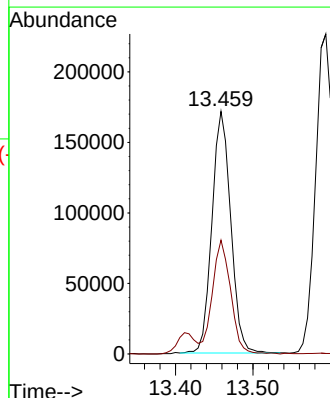
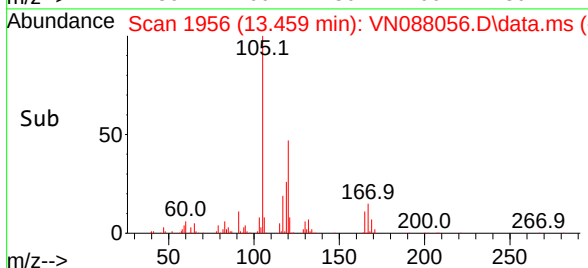
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

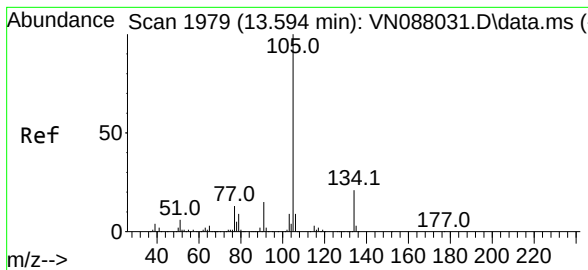


#80
1,2,4-Trimethylbenzene
Concen: 19.278 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



Tgt Ion:105 Resp: 288836
Ion Ratio Lower Upper
105 100
120 45.3 0.0 93.8





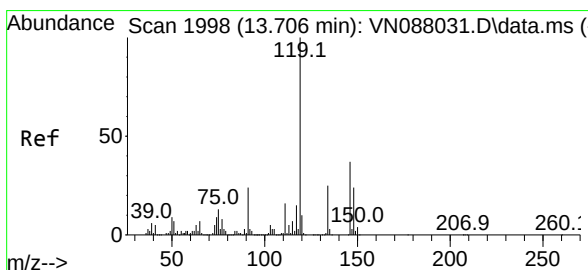
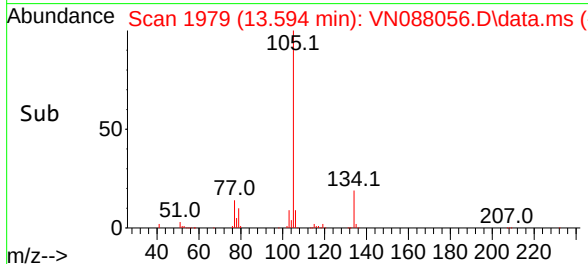
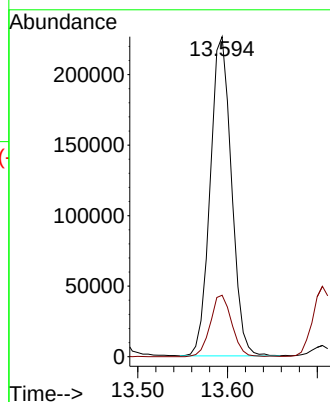
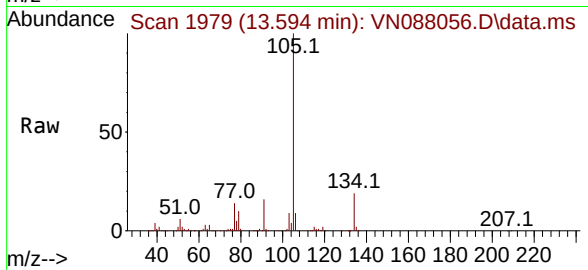
#81
 sec-Butylbenzene
 Concen: 20.414 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088056.D
 Acq: 17 Oct 2025 10:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBS01

Tgt Ion:105 Resp: 37239
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 41.2

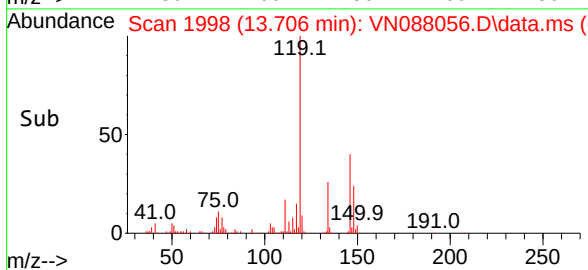
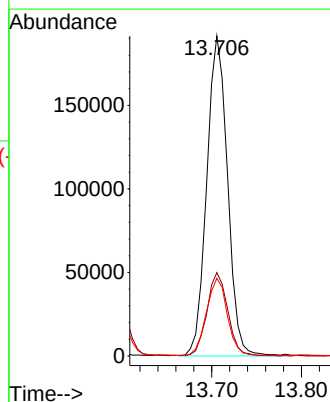
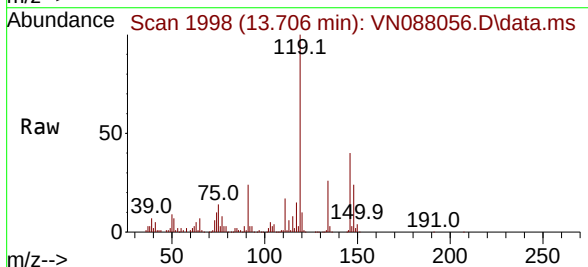
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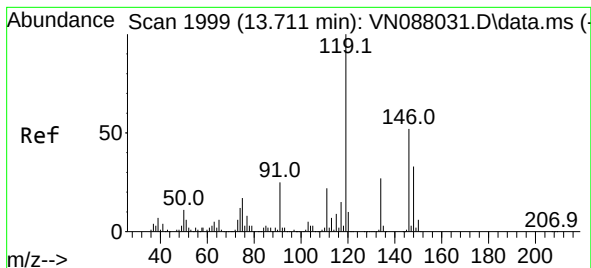
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025



#82
 p-Isopropyltoluene
 Concen: 19.827 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088056.D
 Acq: 17 Oct 2025 10:03

Tgt Ion:119 Resp: 308796
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.6
 91 24.4 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 19.001 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088056.D

Acq: 17 Oct 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBS01

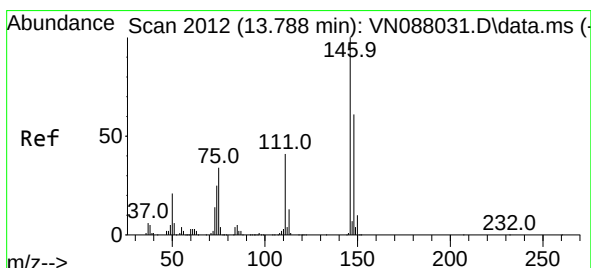
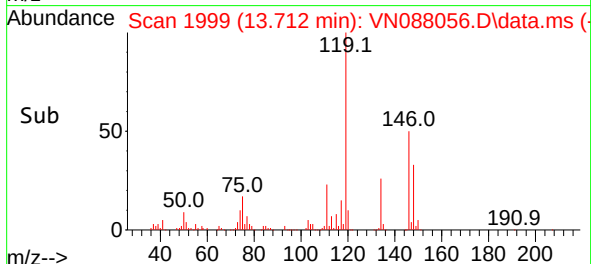
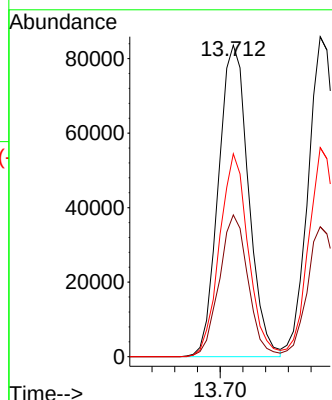
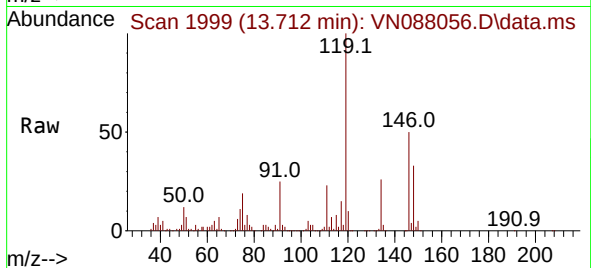
Tgt Ion:	146	Resp:	153950
Ion Ratio	Lower	Upper	
146	100		
111	43.6	21.1	63.1
148	62.6	31.5	94.5

Manual Integrations

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Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#84

1,4-Dichlorobenzene

Concen: 18.295 ug/l

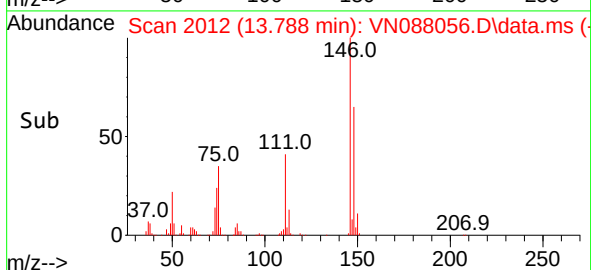
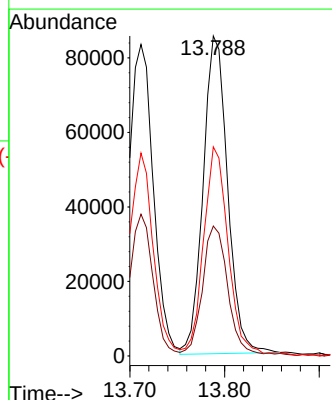
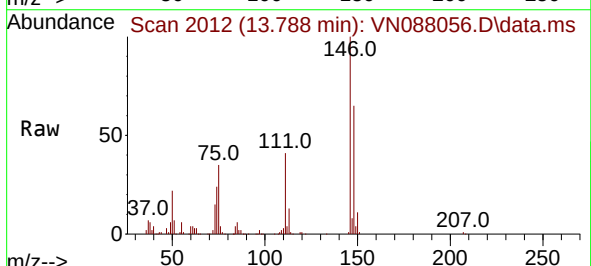
RT: 13.788 min Scan# 1212

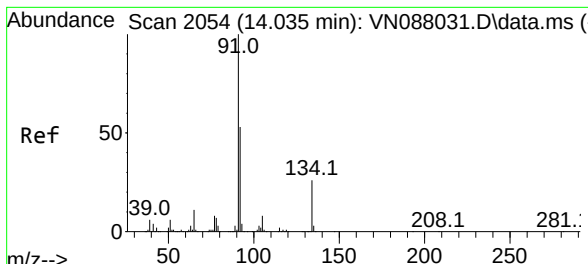
Delta R.T. 0.000 min

Lab File: VN088056.D

Acq: 17 Oct 2025 10:03

Tgt Ion:	146	Resp:	152875
Ion Ratio	Lower	Upper	
146	100		
111	43.1	20.5	61.6
148	66.4	31.9	95.9





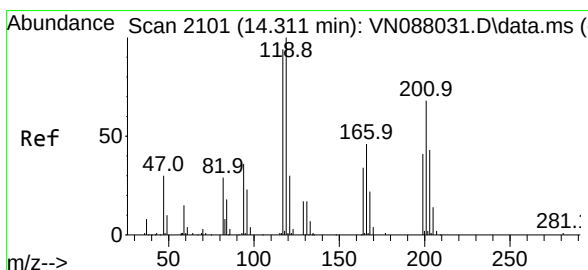
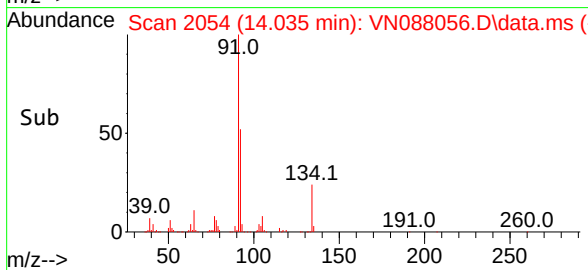
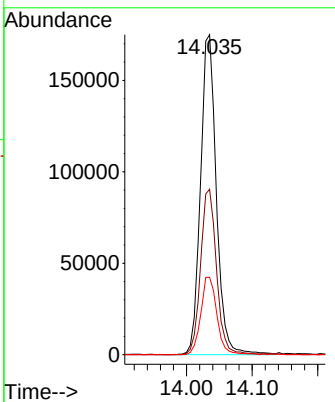
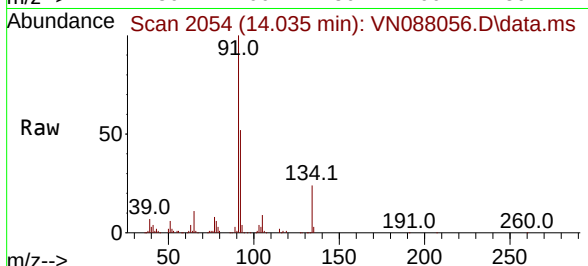
#85
 n-Butylbenzene
 Concen: 20.366 ug/l
 RT: 14.035 min Scan# 2054
 Delta R.T. 0.000 min
 Lab File: VN088056.D
 Acq: 17 Oct 2025 10:03

Instrument : MSVOA_N
 ClientSampleId : VN1017WBS01

Tgt Ion:	91	Resp:	29509
Ion Ratio	Lower	Upper	
91	100		
92	51.9	0.0	107.6
134	24.4	0.0	52.6

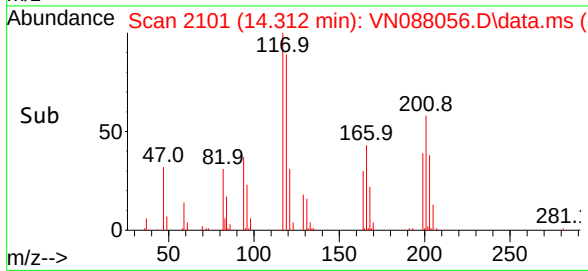
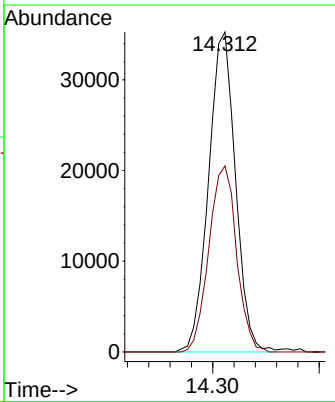
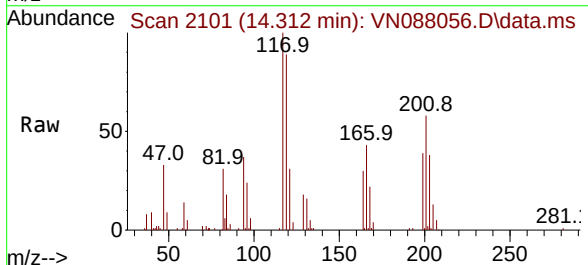
Manual Integrations
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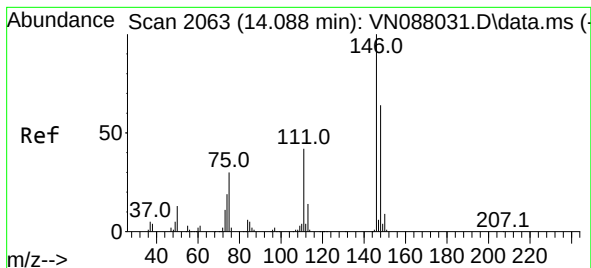
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025



#86
 Hexachloroethane
 Concen: 19.828 ug/l
 RT: 14.312 min Scan# 2101
 Delta R.T. 0.000 min
 Lab File: VN088056.D
 Acq: 17 Oct 2025 10:03

Tgt Ion:	117	Resp:	61862
Ion Ratio	Lower	Upper	
117	100		
201	59.7	34.8	104.3





#87

1,2-Dichlorobenzene

Concen: 18.626 ug/l

RT: 14.082 min Scan# 2063

Delta R.T. -0.006 min

Lab File: VN088056.D

Acq: 17 Oct 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBS01

Tgt Ion:146 Resp: 148440

Ion Ratio Lower Upper

146 100

111 44.0 22.3 66.8

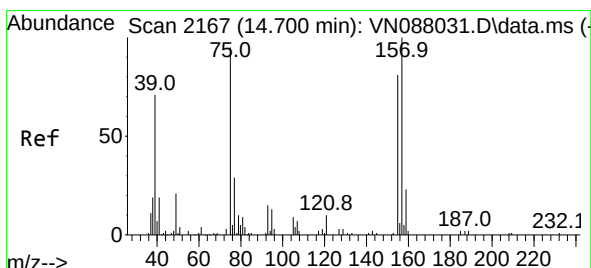
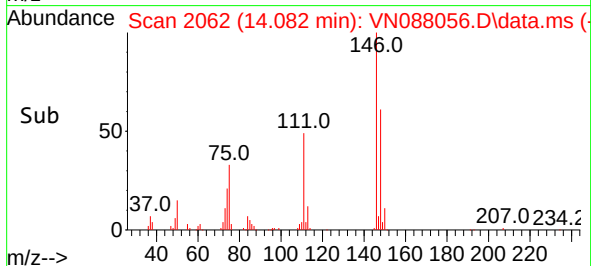
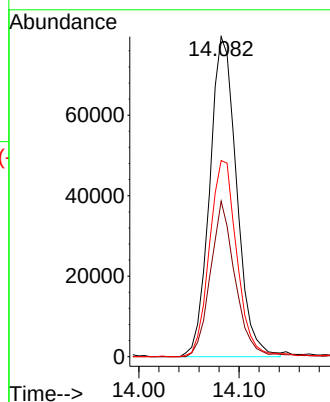
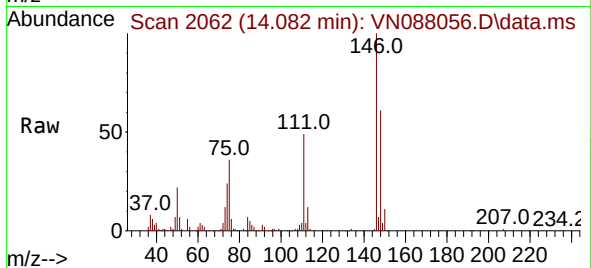
148 62.5 31.4 94.3

Manual Integrations

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Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.234 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VN088056.D

Acq: 17 Oct 2025 10:03

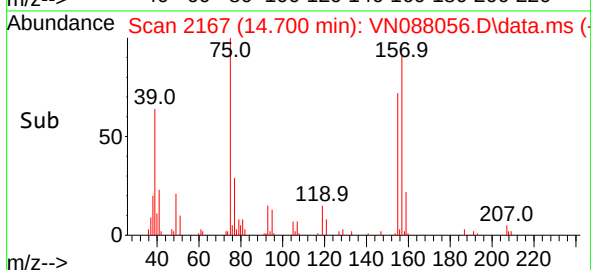
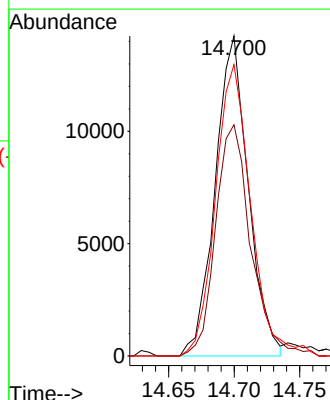
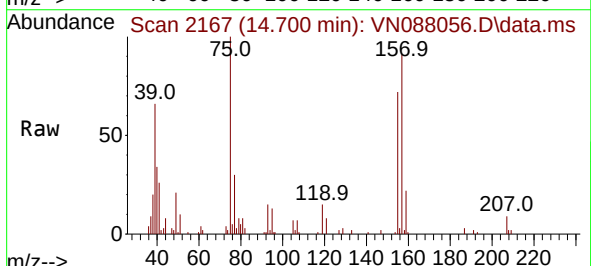
Tgt Ion: 75 Resp: 25015

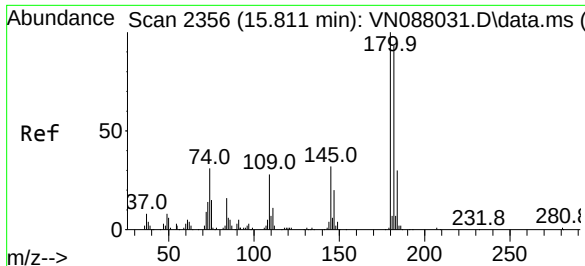
Ion Ratio Lower Upper

75 100

155 76.8 63.5 95.3

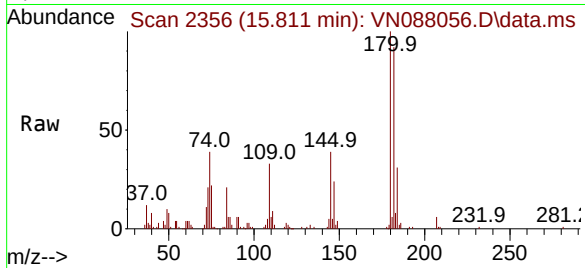
157 96.0 81.7 122.5





#89
1,2,4-Trichlorobenzene
Concen: 17.086 ug/l
RT: 15.811 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

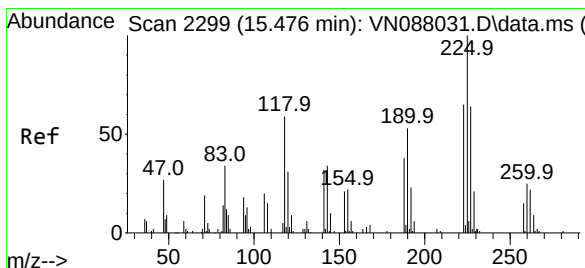
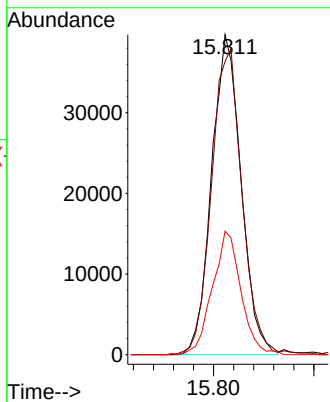
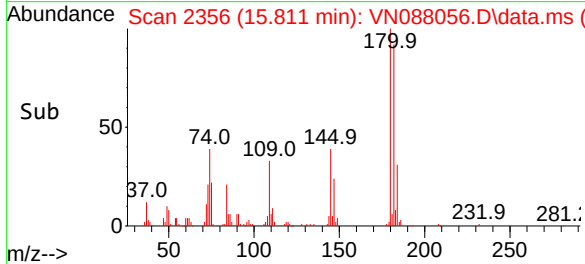
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01



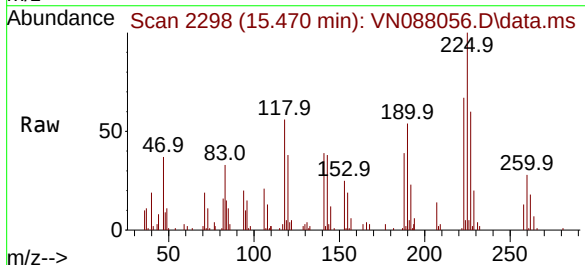
Tgt Ion:180 Resp: 81108
Ion Ratio Lower Upper
180 100
182 98.4 74.6 112.0
145 37.2 27.2 40.8

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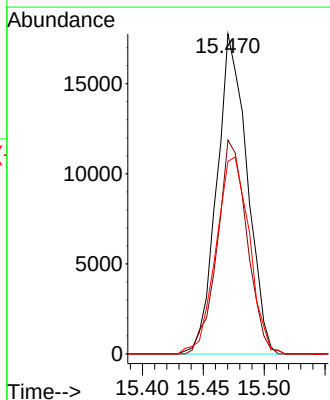
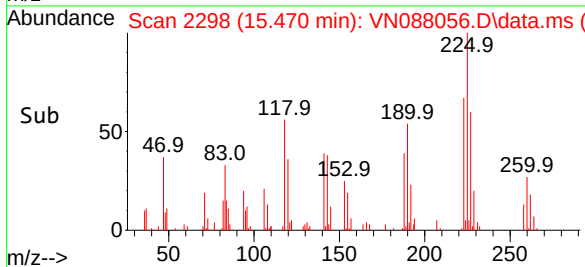
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

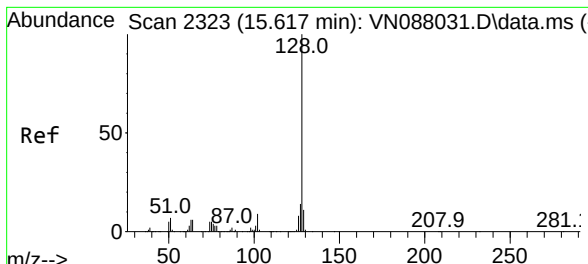


#90
Hexachlorobutadiene
Concen: 18.643 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03



Tgt Ion:225 Resp: 30801
Ion Ratio Lower Upper
225 100
223 65.5 0.0 129.6
227 67.7 0.0 132.2





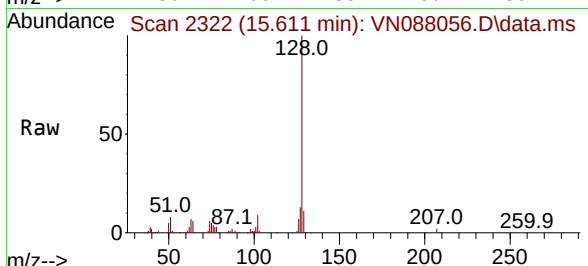
#91
Naphthalene
Concen: 17.818 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBS01



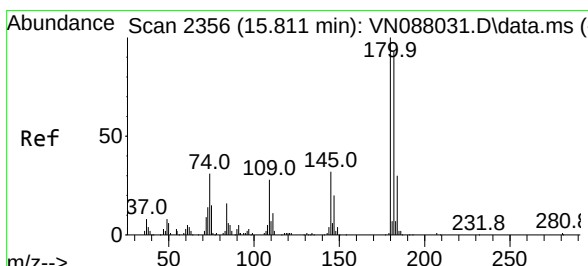
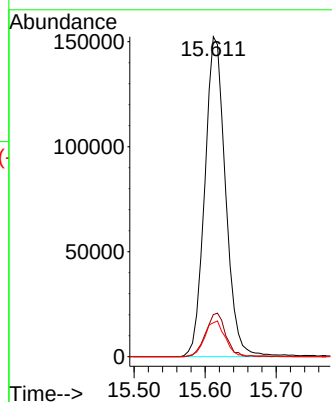
Tgt Ion:128 Resp: 30966
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations

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Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#92
1,2,3-Trichlorobenzene
Concen: 17.086 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088056.D
Acq: 17 Oct 2025 10:03

Tgt Ion:180 Resp: 81108
Ion Ratio Lower Upper
180 100
182 98.4 0.0 186.6
145 37.2 0.0 68.0

