

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088037.D
 Acq On : 08 Oct 2025 13:25
 Operator : JC\MD
 Sample : VN1008WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2025
 Supervised By : Mahesh Dadoda 10/10/2025

Quant Time: Oct 09 02:53:30 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	7.800	128	68450	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	383696	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	341991	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	159484	29.921	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.733%
60) 4-Bromofluorobenzene	12.829	95	164834	29.237	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.467%
63) Toluene-d8	10.547	98	456216	29.941	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	83273	21.240	ug/l	92
3) Chloromethane	2.383	50	91932	20.682	ug/l	97
4) Vinyl Chloride	2.536	62	92888	20.042	ug/l	96
5) Bromomethane	2.983	94	54291	21.784	ug/l	97
6) Chloroethane	3.136	64	62290	20.374	ug/l	96
7) Trichlorofluoromethane	3.506	101	128110	20.327	ug/l	93
8) Diethyl Ether	3.959	74	56309	19.773	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	68987	20.448	ug/l	78
10) 1,1-Dichloroethene	4.336	96	70937	19.710	ug/l	95
11) Methyl Iodide	4.583	142	63782	19.229	ug/l	95
12) Methyl Acetate	5.018	43	113516	19.401	ug/l #	89
13) Acrolein	4.177	56	94698	104.589	ug/l #	6
14) Acrylonitrile	5.706	53	276837	98.046	ug/l	99
15) Acetone	4.418	58	78602	95.057	ug/l	89
16) Carbon Disulfide	4.700	76	229387	20.332	ug/l	96
17) Allyl chloride	5.012	41	134542	19.811	ug/l	95
18) Methylene Chloride	5.259	84	89929	19.660	ug/l	95
19) trans-1,2-Dichloroethene	5.777	96	82437	19.811	ug/l	91
20) Diisopropyl ether	6.659	45	310116	20.058	ug/l #	97
21) 1,1-Dichloroethane	6.547	63	162392	20.176	ug/l	96
22) cis-1,2-Dichloroethene	7.465	96	106284	20.404	ug/l	97
23) tert-Butyl Alcohol	5.518	59	114877	101.444	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	315389	20.302	ug/l	98
25) Chloroform	7.947	83	166211	20.011	ug/l	95
26) Cyclohexane	8.235	56	139168	20.869	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	108892	19.799	ug/l	97
30) 2-Butanone	7.471	43	387094	95.429	ug/l	100
31) 2,2-Dichloropropane	7.477	77	140901	19.883	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	139057	20.234	ug/l	99
33) Carbon Tetrachloride	8.341	117	115002	19.978	ug/l	98
34) Benzene	8.588	78	359932	19.730	ug/l	99
35) Methacrylonitrile	7.765	41	83917	19.673	ug/l	94
36) 1,2-Dichloroethane	8.653	62	128492	20.289	ug/l	99
37) Trichloroethene	9.330	130	88339	20.439	ug/l	97
38) Methylcyclohexane	9.582	83	136681	20.124	ug/l	99
39) 1,2-Dichloropropane	9.600	63	88980	19.452	ug/l	94
40) Dibromomethane	9.688	93	66580	19.996	ug/l	97
41) Bromodichloromethane	9.865	83	135088	19.865	ug/l	98
42) Vinyl Acetate	6.589	43	1437591	104.032	ug/l	97

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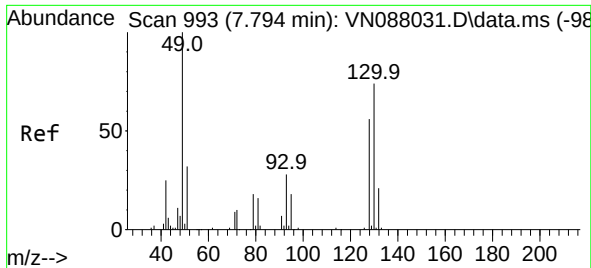
Manual Integrations
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Reviewed By : John Carlone 10/09/2025
 Supervised By : Mahesh Dadoda 10/10/2025

Quant Time: Oct 09 02:53:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	159915	20.509	ug/l	98
44) Isopropyl Acetate	8.671	43	246527	19.357	ug/l	96
45) 1,4-Dioxane	9.682	88	33995	401.345	ug/l	99
46) Methyl methacrylate	9.665	41	111767	19.928	ug/l	95
47) n-amyl Acetate	12.600	43	129305m	21.421	ug/l	
48) t-1,3-Dichloropropene	10.818	75	148049	19.579	ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	156272	19.812	ug/l	95
50) 1,1,2-Trichloroethane	10.994	97	86044	19.514	ug/l	96
51) Ethyl methacrylate	10.853	69	147361	19.747	ug/l	98
52) 1,3-Dichloropropane	11.141	76	154063	20.026	ug/l	100
53) Dibromochloromethane	11.335	129	103666	19.666	ug/l	98
54) 1,2-Dibromoethane	11.447	107	90746	19.250	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	356274	88.450	ug/l	99
56) Bromoform	12.559	173	65434	18.360	ug/l	99
58) 4-Methyl-2-Pentanone	10.424	43	751216	98.204	ug/l	99
59) 2-Hexanone	11.176	43	488877	96.798	ug/l	99
61) Tetrachloroethene	11.082	164	67384	19.457	ug/l	92
62) Toluene	10.606	91	388971	20.051	ug/l	100
64) Chlorobenzene	11.871	112	249337	20.123	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.935	131	86353	20.223	ug/l	98
66) Ethyl Benzene	11.941	91	425961	20.194	ug/l	99
67) m/p-Xylenes	12.047	106	327604	40.287	ug/l	99
68) o-Xylene	12.376	106	161791	19.986	ug/l	97
69) Styrene	12.388	104	265795	19.849	ug/l	99
70) Isopropylbenzene	12.676	105	400161	20.169	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	132602	19.713	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	114316m	18.299	ug/l	
73) Bromobenzene	12.959	156	99414	20.501	ug/l	99
74) n-propylbenzene	13.012	91	478501	19.978	ug/l	100
75) 2-Chlorotoluene	13.106	91	294683	20.122	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	342305	20.311	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	44802	17.996	ug/l	92
78) 4-Chlorotoluene	13.200	91	296772	19.946	ug/l	99
79) tert-butylbenzene	13.418	119	299487	20.499	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	334632	19.834	ug/l	100
81) sec-Butylbenzene	13.594	105	419929	20.443	ug/l	99
82) p-Isopropyltoluene	13.706	119	360371	20.548	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	183540	20.116	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	193872	20.604	ug/l	97
85) n-Butylbenzene	14.035	91	332706	20.391	ug/l	99
86) Hexachloroethane	14.306	117	69948	19.910	ug/l	94
87) 1,2-Dichlorobenzene	14.082	146	181545	20.230	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	30478	19.729	ug/l	99
89) 1,2,4-Trichlorobenzene	15.817	180	105318	19.702	ug/l	98
90) Hexachlorobutadiene	15.476	225	37666	20.246	ug/l	96
91) Naphthalene	15.617	128	390132	19.935	ug/l	100
92) 1,2,3-Trichlorobenzene	15.817	180	105318	19.702	ug/l	98

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



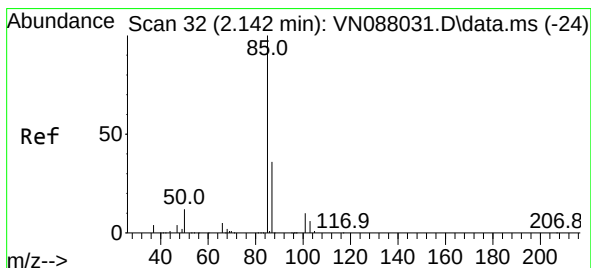
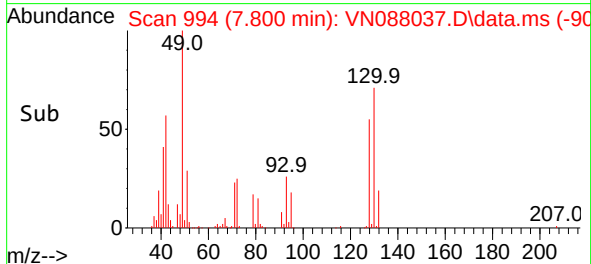
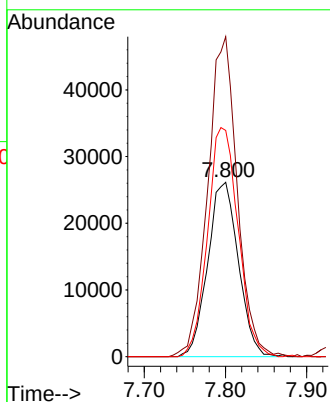
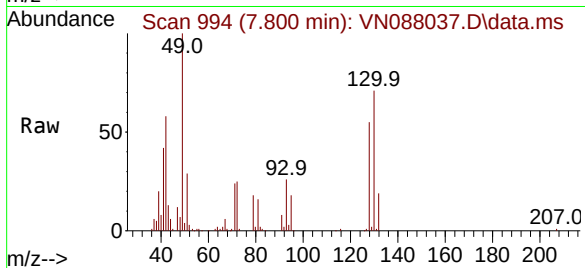
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
49	176.5	0.0	439.8
130	131.3	0.0	325.8

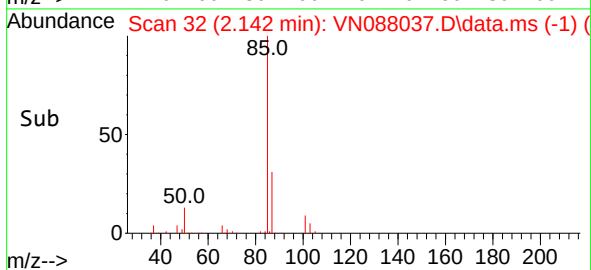
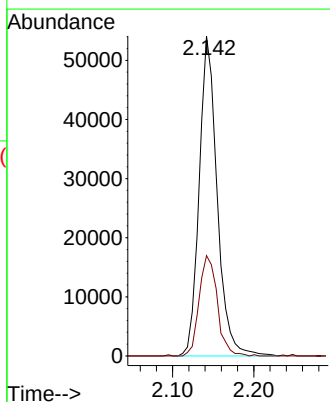
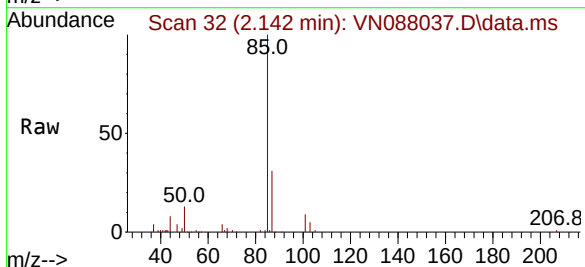
Manual Integrations
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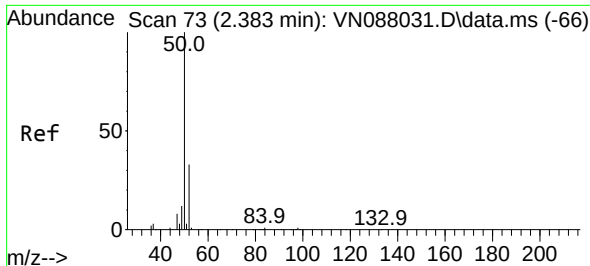
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#2
Dichlorodifluoromethane
Concen: 21.240 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.3	17.9	53.8





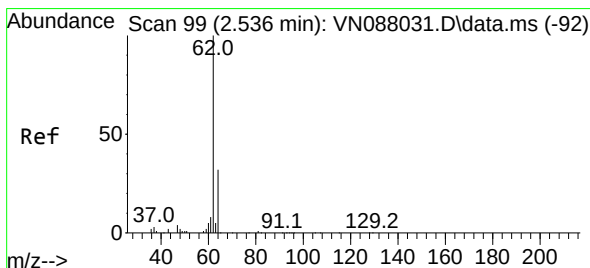
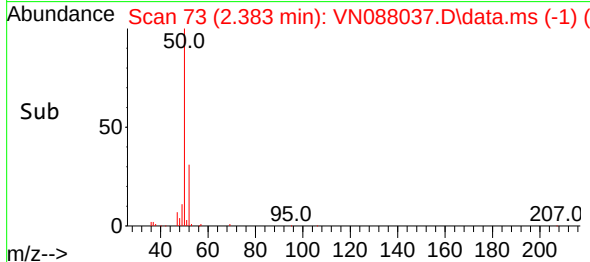
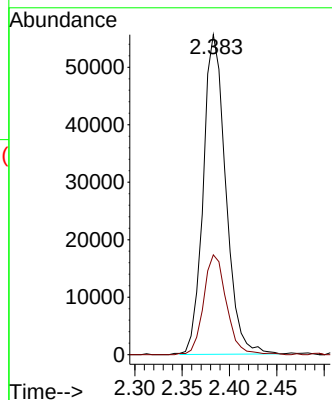
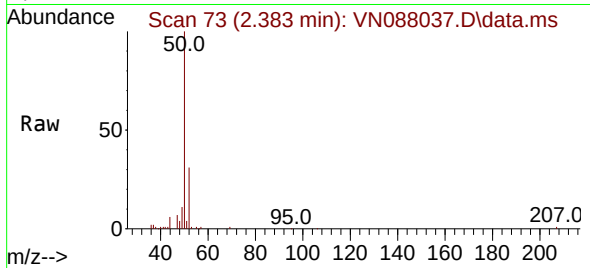
#3
Chloromethane
Concen: 20.682 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01

Tgt Ion: 50 Resp: 91932
Ion Ratio Lower Upper
50 100
52 31.0 26.3 39.5

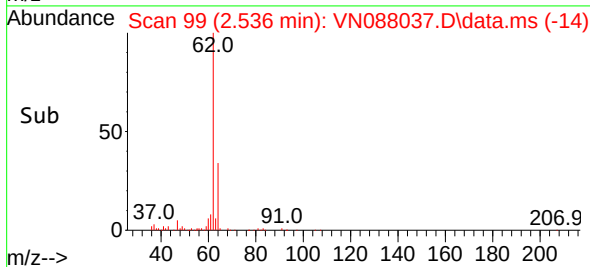
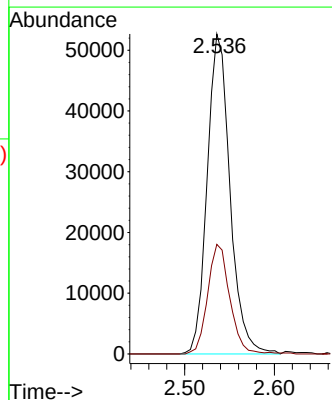
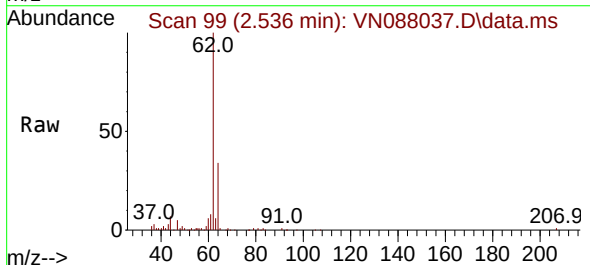
Manual Integrations
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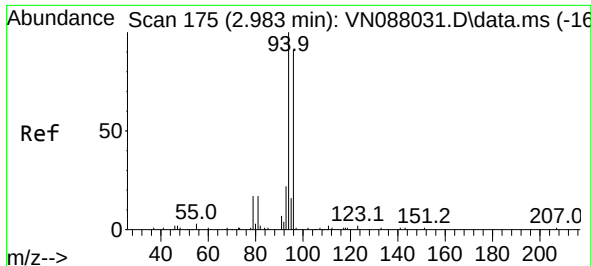
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#4
Vinyl Chloride
Concen: 20.042 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

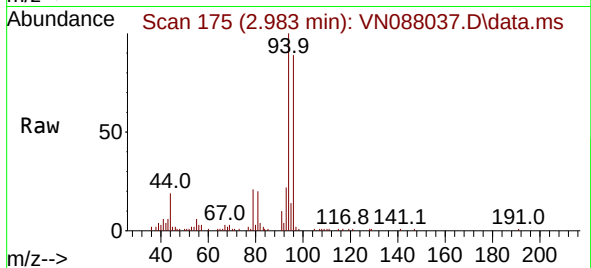
Tgt Ion: 62 Resp: 92888
Ion Ratio Lower Upper
62 100
64 34.2 25.7 38.5





#5
Bromomethane
Concen: 21.784 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

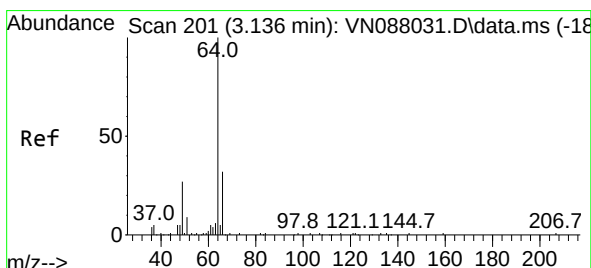
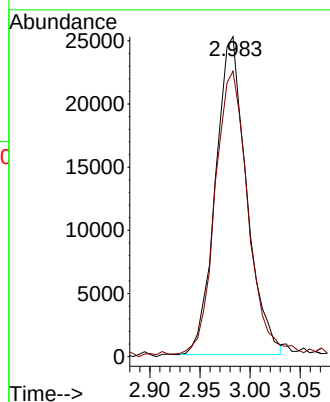
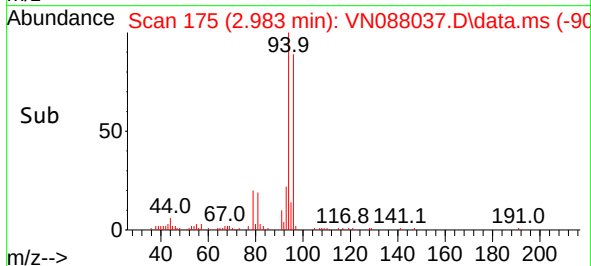
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



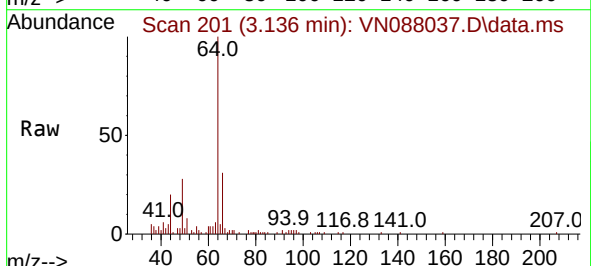
Tgt Ion: 94 Resp: 5429
Ion Ratio Lower Upper
94 100
96 88.8 73.0 109.4

Manual Integrations
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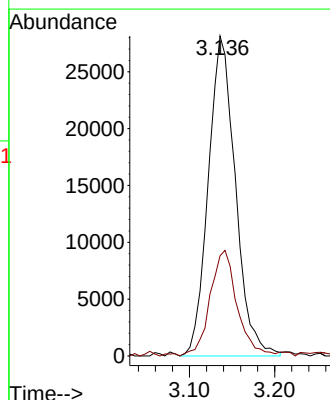
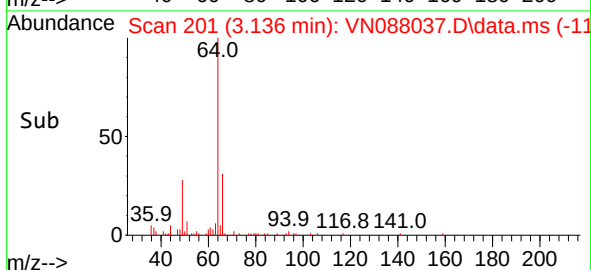
Reviewed By :John Carlone 10/09/2025
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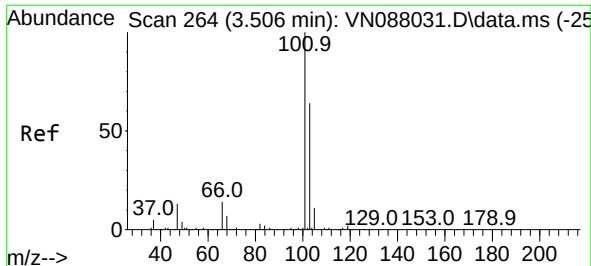


#6
Chloroethane
Concen: 20.374 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25



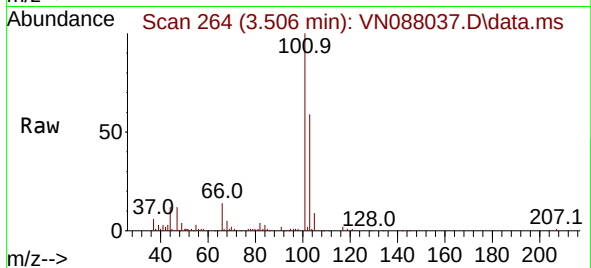
Tgt Ion: 64 Resp: 62290
Ion Ratio Lower Upper
64 100
66 31.3 26.8 40.2





#7
 Trichlorofluoromethane
 Concen: 20.327 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.000 min
 Lab File: VN088037.D
 Acq: 08 Oct 2025 13:25

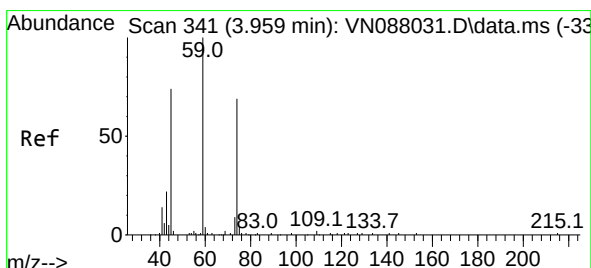
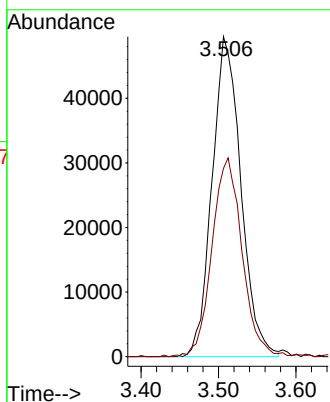
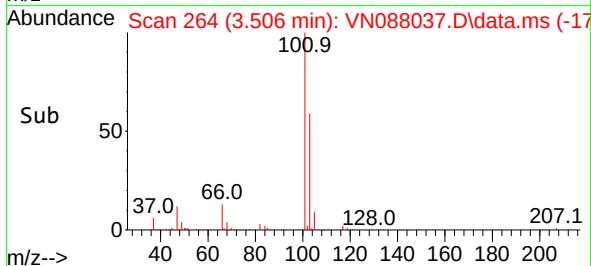
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS01



Tgt Ion:101 Resp: 128110
 Ion Ratio Lower Upper
 101 100
 103 58.4 51.0 76.4

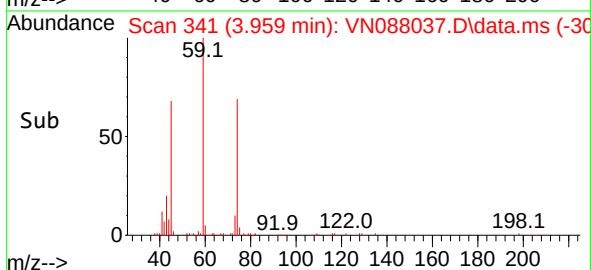
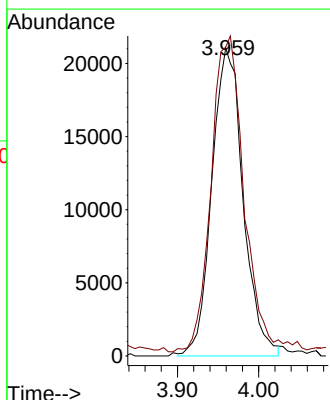
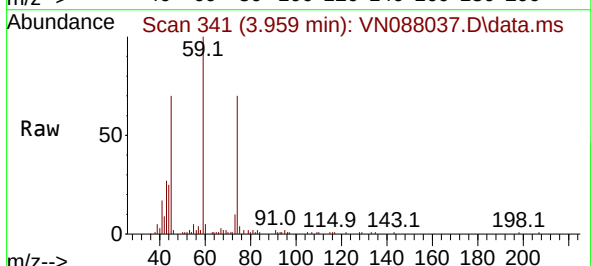
Manual Integrations
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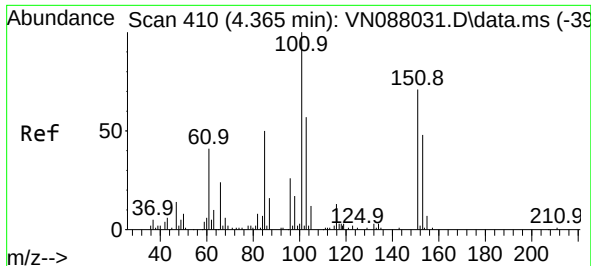
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#8
 Diethyl Ether
 Concen: 19.773 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN088037.D
 Acq: 08 Oct 2025 13:25

Tgt Ion: 74 Resp: 56309
 Ion Ratio Lower Upper
 74 100
 45 106.5 20.4 183.8





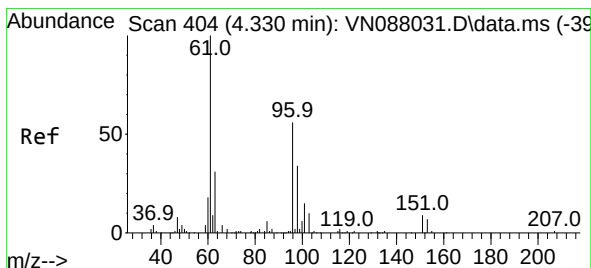
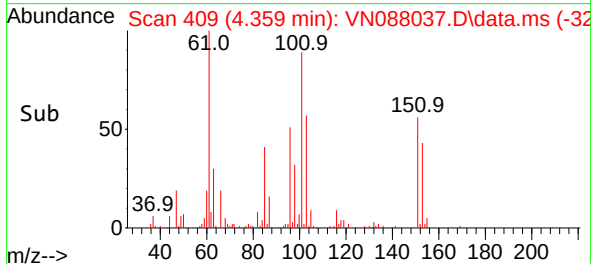
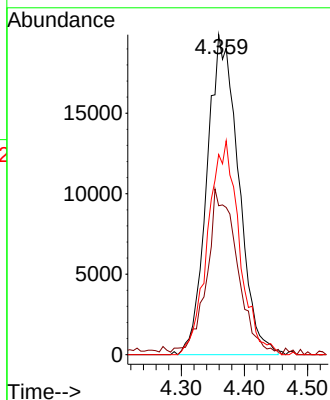
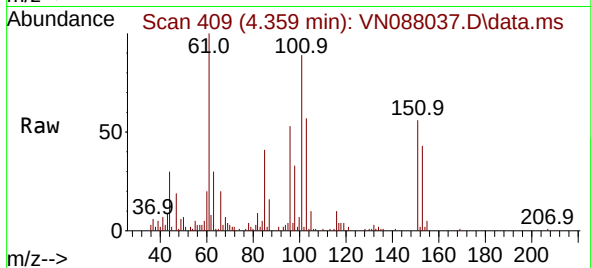
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1,1,2-Trichlorotrifluoroethane
Concen: 20.448 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01

Tgt Ion:101 Resp: 6898
Ion Ratio Lower Upper
101 100
85 19.6 0.0 103.2
151 66.7 0.0 141.4

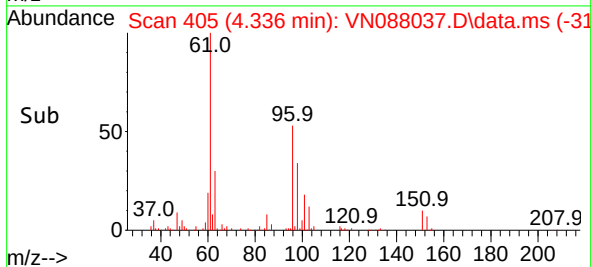
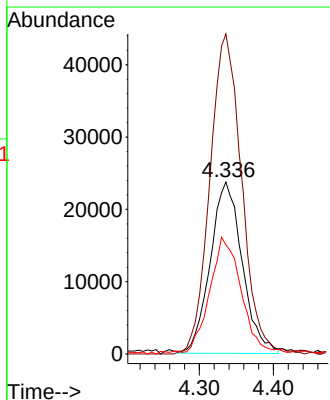
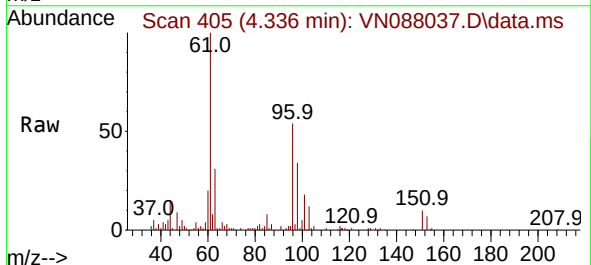
Manual Integrations
APPROVED

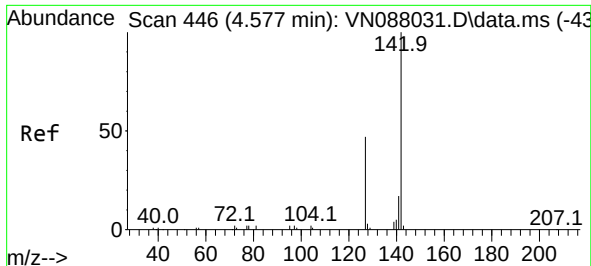
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#10
1,1-Dichloroethene
Concen: 19.710 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

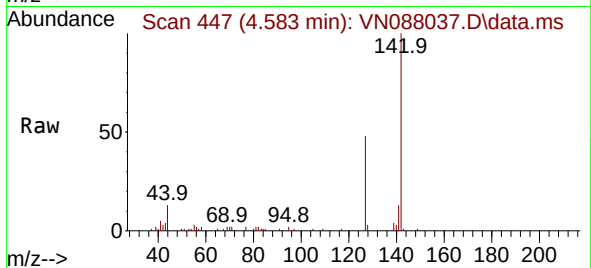
Tgt Ion: 96 Resp: 70937
Ion Ratio Lower Upper
96 100
61 187.9 144.1 216.1
98 62.8 49.0 73.6





#11
Methyl Iodide
Concen: 19.229 ug/l
RT: 4.583 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

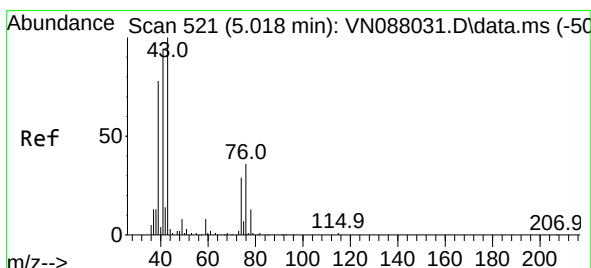
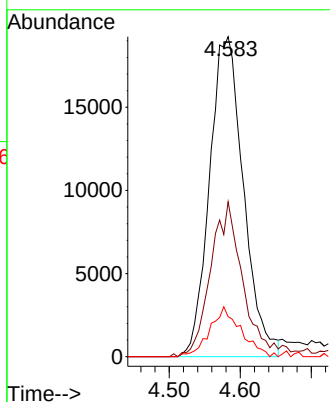
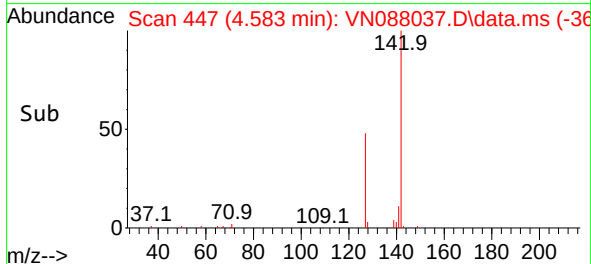
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



Tgt Ion:142 Resp: 63782
Ion Ratio Lower Upper
142 100
127 48.5 23.4 70.3
141 12.8 8.8 26.2

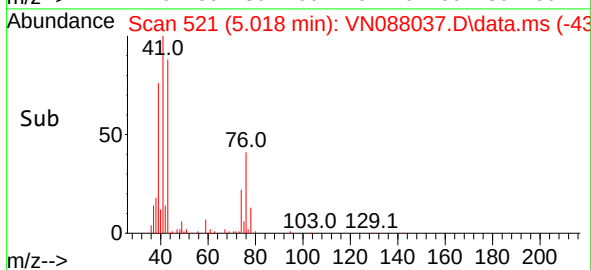
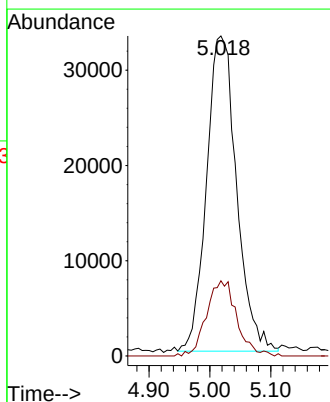
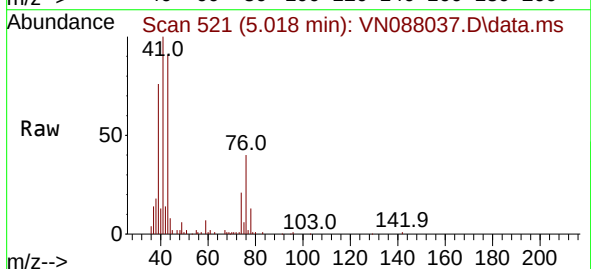
Manual Integrations
APPROVED

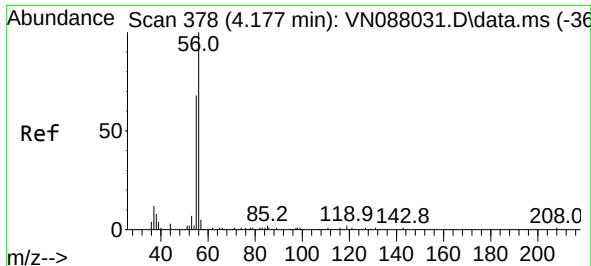
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#12
Methyl Acetate
Concen: 19.401 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Tgt Ion: 43 Resp: 113516
Ion Ratio Lower Upper
43 100
74 23.3 23.3 34.9#





#13

Acrolein

Concen: 104.589 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN088037.D

Acq: 08 Oct 2025 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBS01

Tgt Ion: 56 Resp: 94698

Ion Ratio Lower Upper

56 100

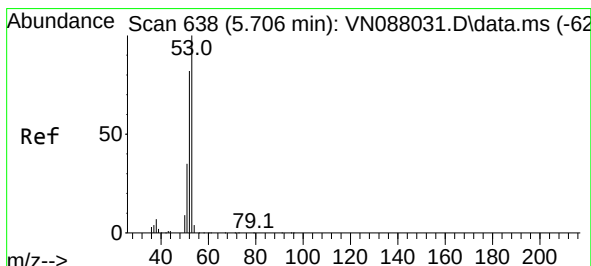
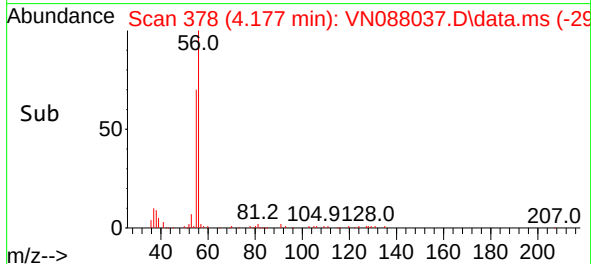
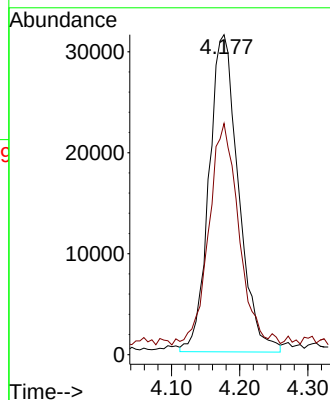
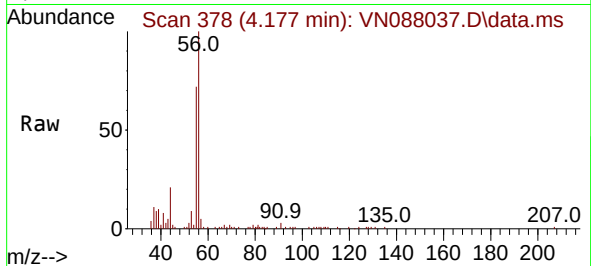
55 71.4 0.3 0.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#14

Acrylonitrile

Concen: 98.046 ug/l

RT: 5.706 min Scan# 638

Delta R.T. 0.000 min

Lab File: VN088037.D

Acq: 08 Oct 2025 13:25

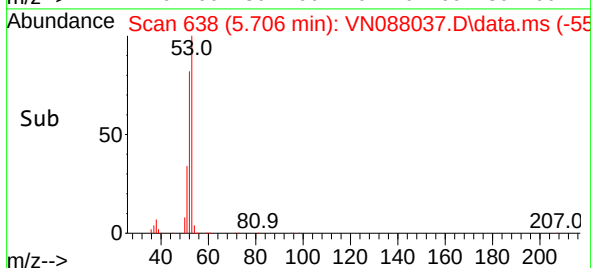
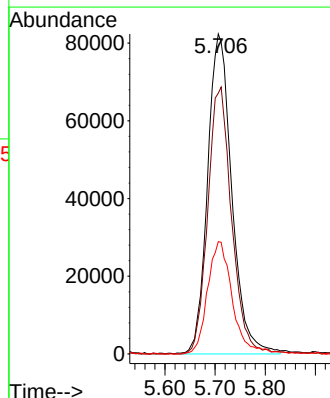
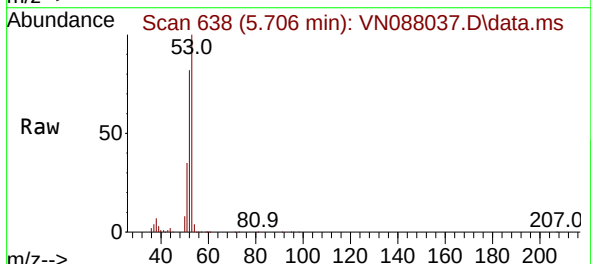
Tgt Ion: 53 Resp: 276837

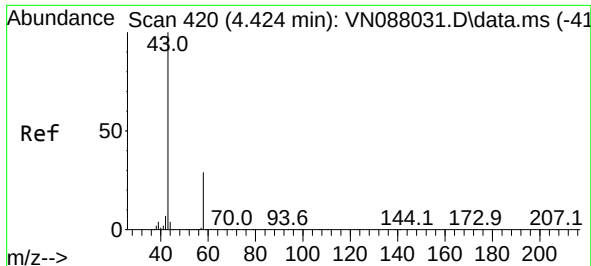
Ion Ratio Lower Upper

53 100

52 81.4 41.3 124.1

51 35.6 18.0 54.0





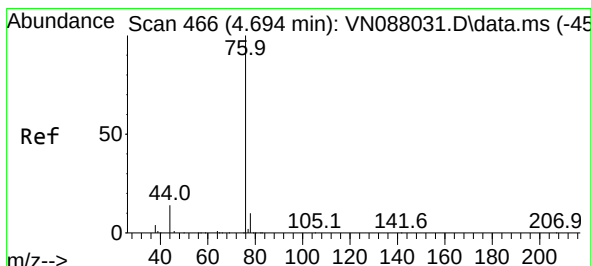
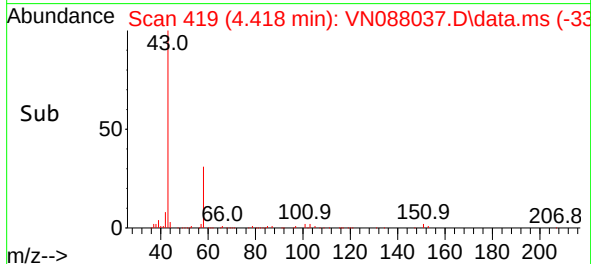
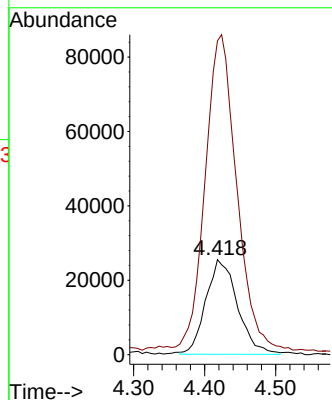
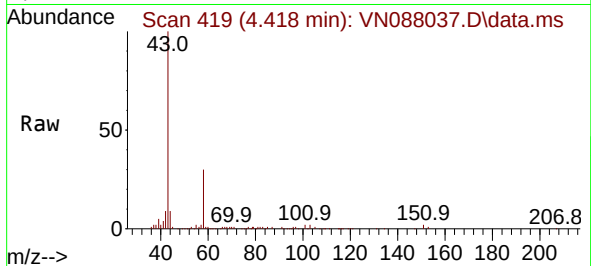
#15
Acetone
Concen: 95.057 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01

Tgt Ion: 58 Resp: 78602
Ion Ratio Lower Upper
58 100
43 328.5 282.6 424.0

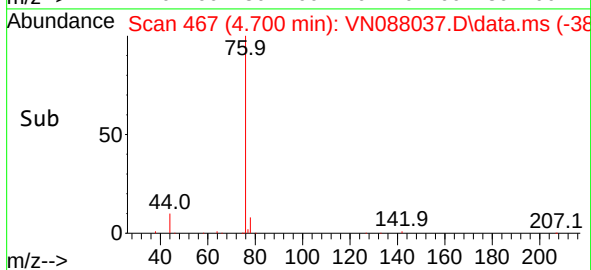
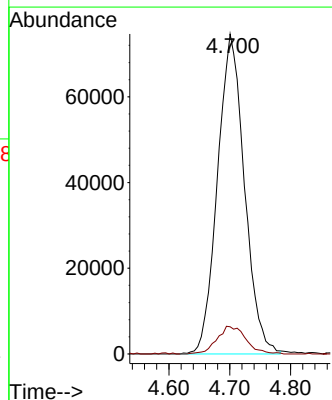
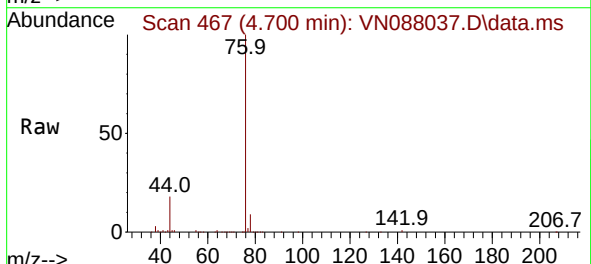
Manual Integrations
APPROVED

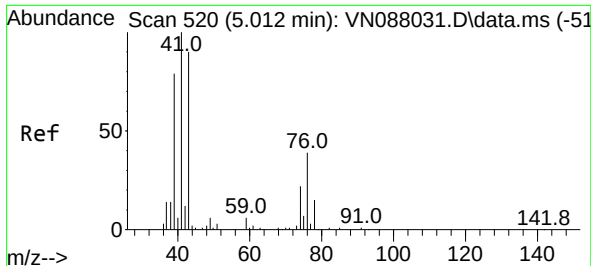
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#16
Carbon Disulfide
Concen: 20.332 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

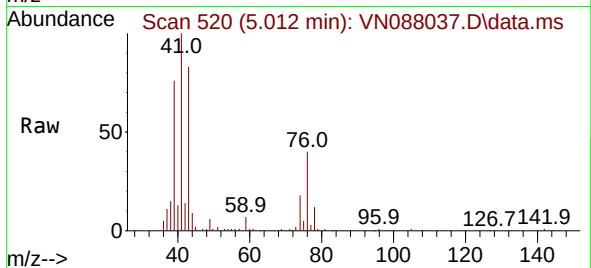
Tgt Ion: 76 Resp: 229387
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8





#17
 Allyl chloride
 Concen: 19.811 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN088037.D
 Acq: 08 Oct 2025 13:25

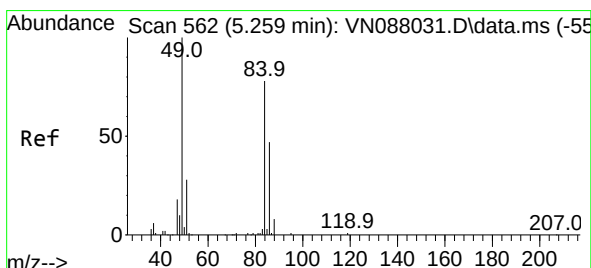
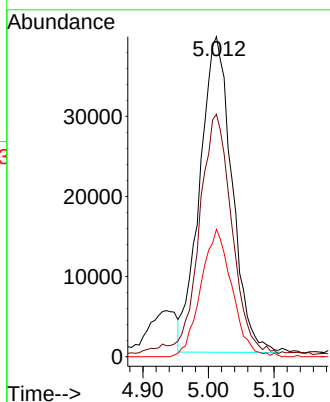
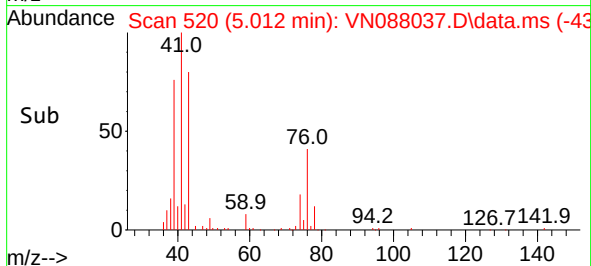
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS01



Tgt Ion: 41 Resp: 13454
 Ion Ratio Lower Upper
 41 100
 39 76.3 36.4 109.2
 76 40.1 18.1 54.1

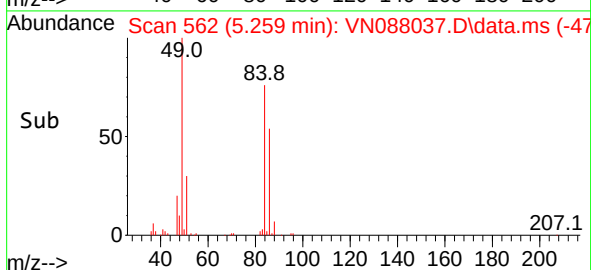
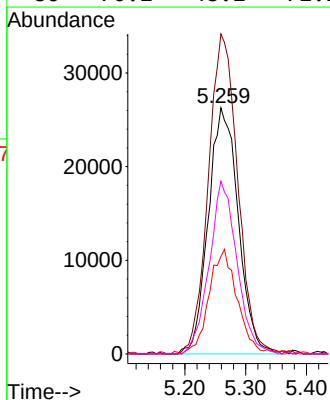
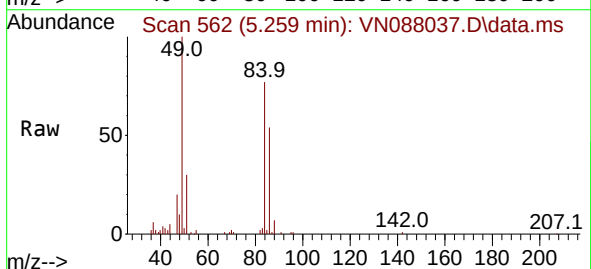
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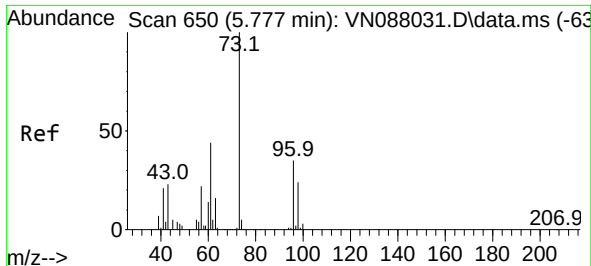
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#18
 Methylene Chloride
 Concen: 19.660 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: VN088037.D
 Acq: 08 Oct 2025 13:25

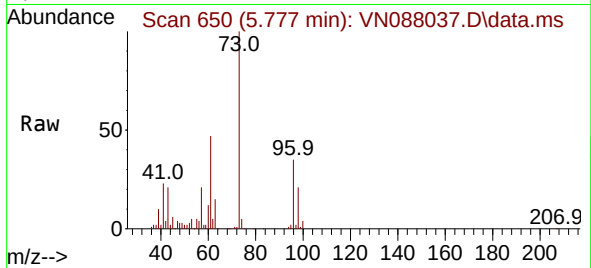
Tgt Ion: 84 Resp: 89929
 Ion Ratio Lower Upper
 84 100
 49 130.1 102.6 153.8
 51 39.0 28.6 42.8
 86 70.2 48.2 72.2





#19
trans-1,2-Dichloroethene
Concen: 19.811 ug/l
RT: 5.777 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

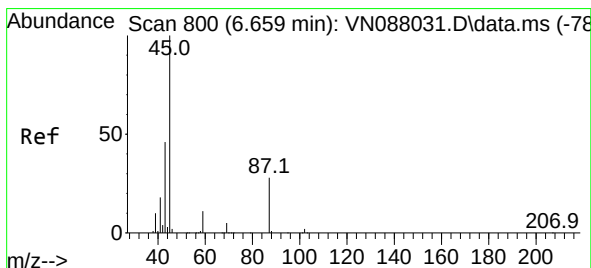
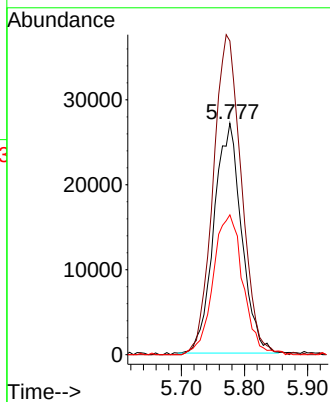
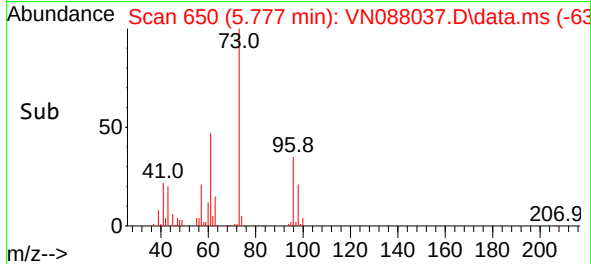
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



Tgt Ion: 96 Resp: 8243
Ion Ratio Lower Upper
96 100
61 136.6 100.6 151.0
98 60.9 54.0 81.0

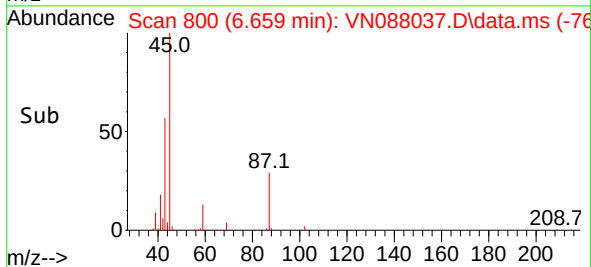
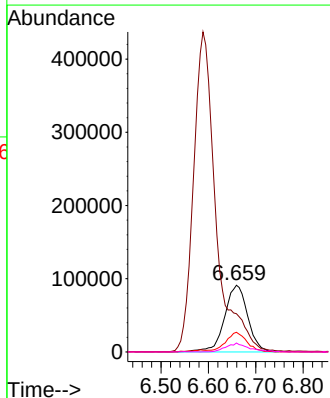
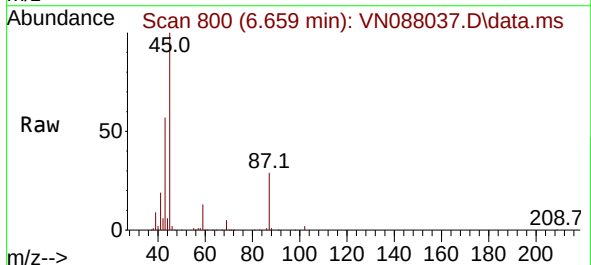
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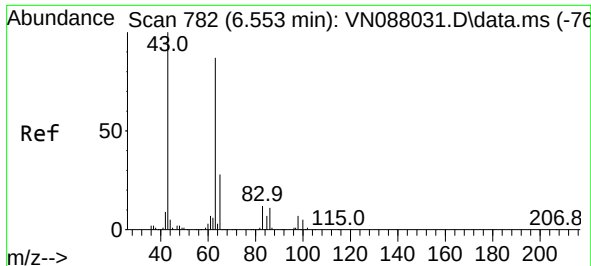
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#20
Diisopropyl ether
Concen: 20.058 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

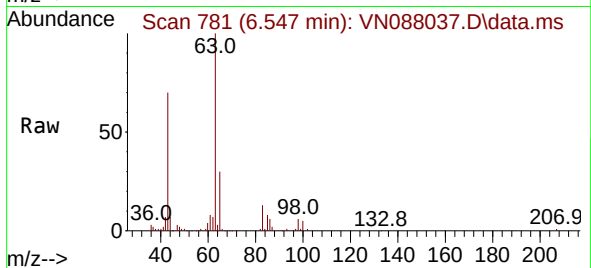
Tgt Ion: 45 Resp: 310116
Ion Ratio Lower Upper
45 100
43 55.7 46.1 69.1
87 29.2 22.3 33.5
59 13.2 8.6 13.0#





#21
1,1-Dichloroethane
Concen: 20.176 ug/l
RT: 6.547 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

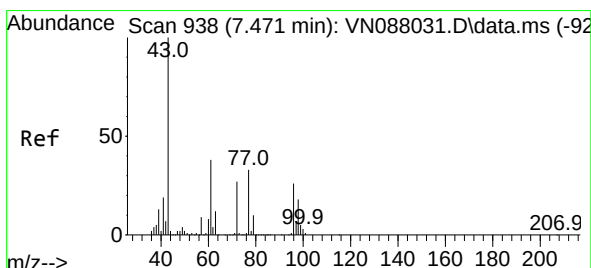
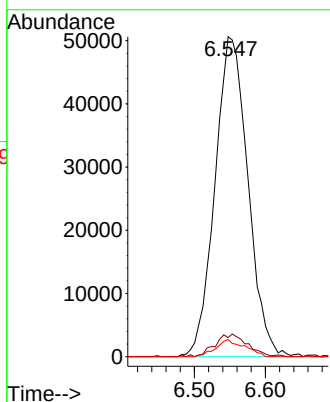
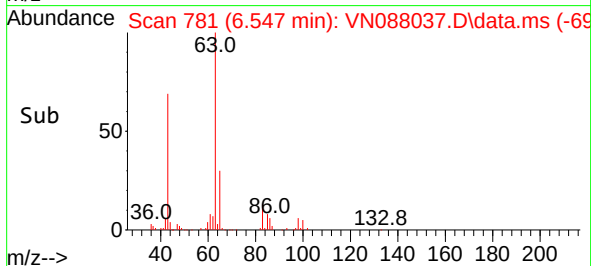
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



Tgt Ion: 63 Resp: 162392
Ion Ratio Lower Upper
63 100
98 6.0 4.3 12.8
100 5.4 2.6 8.0

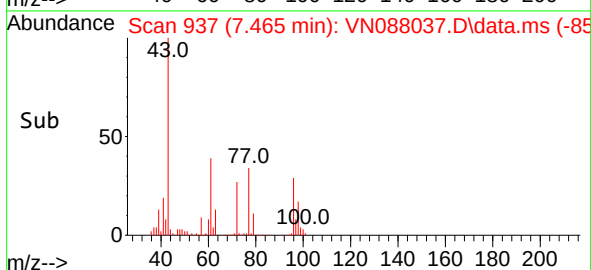
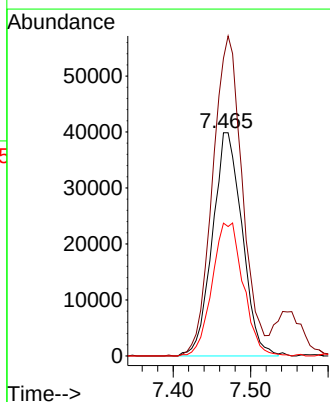
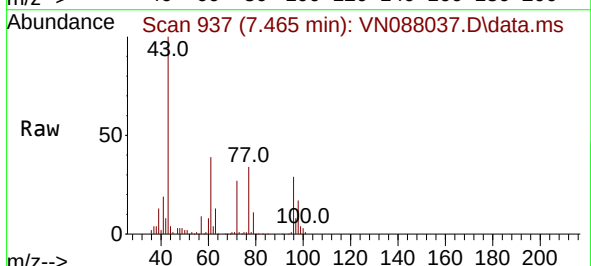
Manual Integrations
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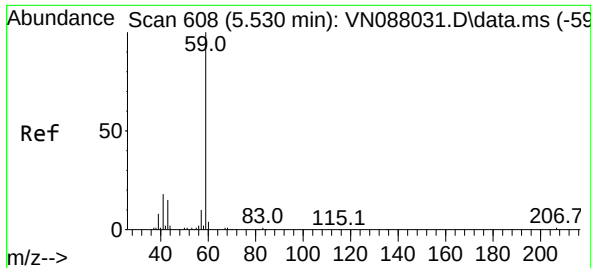
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#22
cis-1,2-Dichloroethene
Concen: 20.404 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

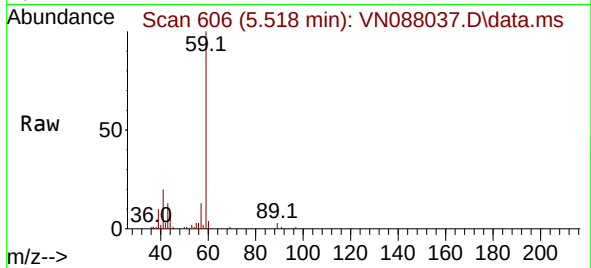
Tgt Ion: 96 Resp: 106284
Ion Ratio Lower Upper
96 100
61 143.0 117.0 175.6
98 62.5 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 101.444 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

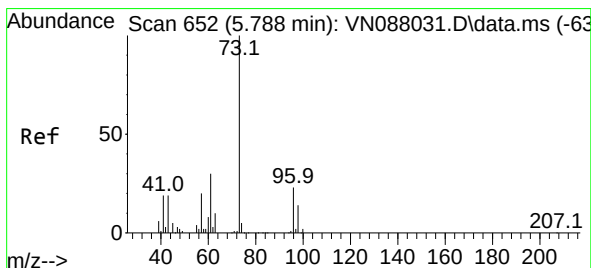
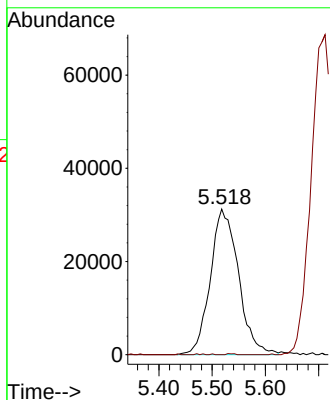
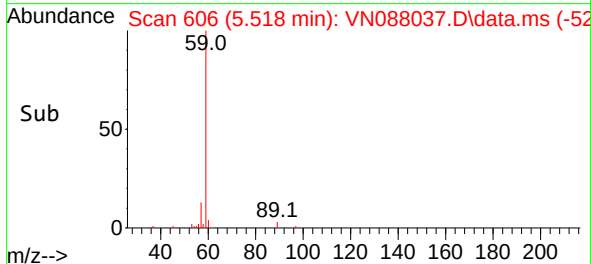
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



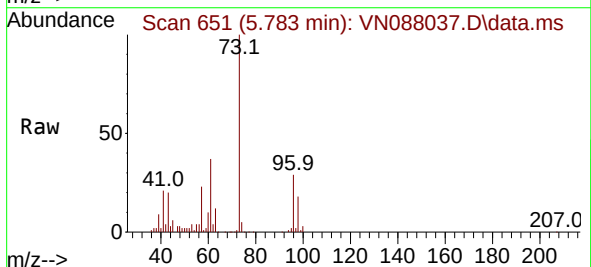
Tgt Ion: 59 Resp: 11487
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

Manual Integrations
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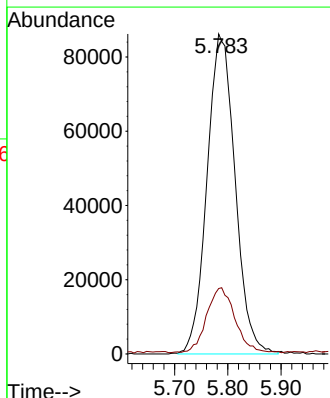
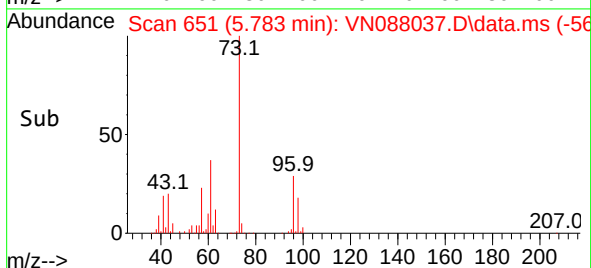
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

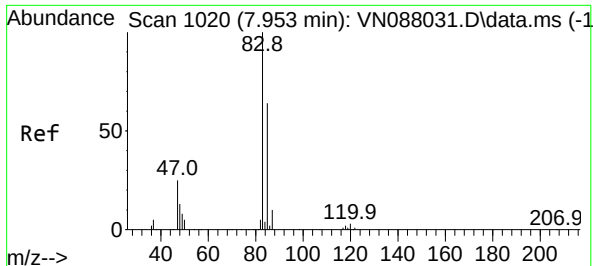


#24
Methyl tert-Butyl Ether
Concen: 20.302 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25



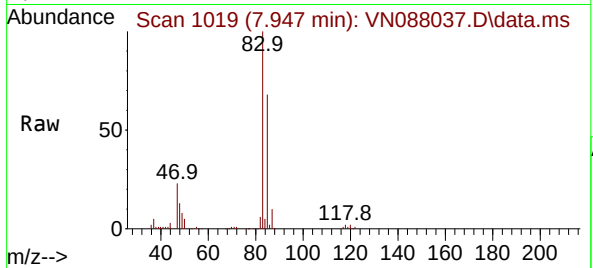
Tgt Ion: 73 Resp: 315389
Ion Ratio Lower Upper
73 100
43 20.4 17.0 25.4





#25
Chloroform
Concen: 20.011 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

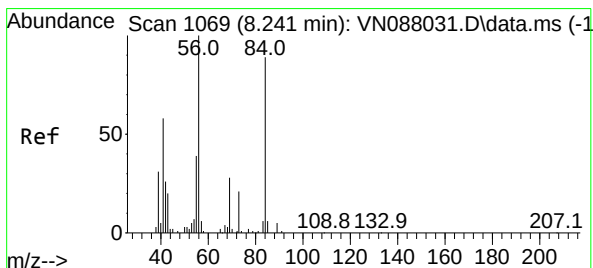
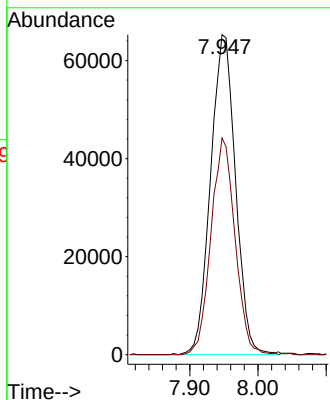
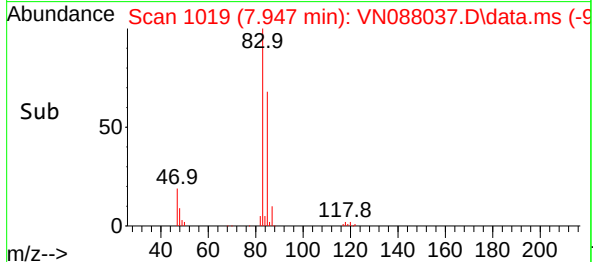
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



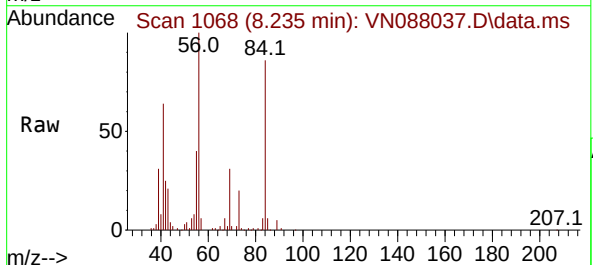
Tgt Ion: 83 Resp: 16621
Ion Ratio Lower Upper
83 100
85 67.6 50.9 76.3

Manual Integrations
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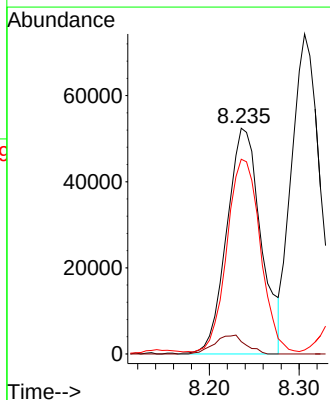
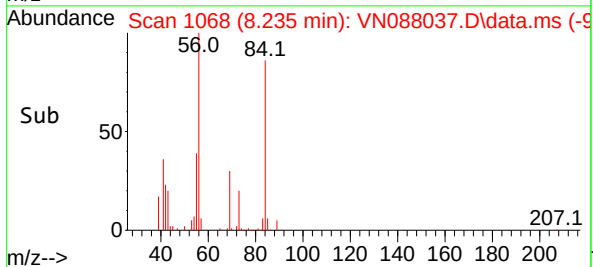
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

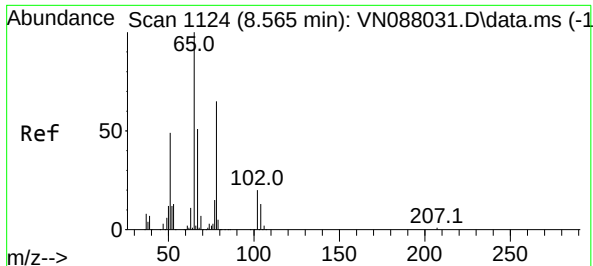


#26
Cyclohexane
Concen: 20.869 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25



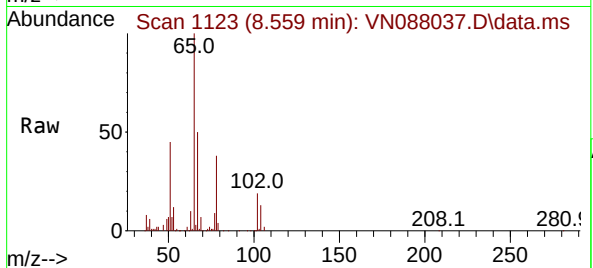
Tgt Ion: 56 Resp: 139168
Ion Ratio Lower Upper
56 100
89 7.6 8.6 12.8#
84 84.9 69.6 104.4





#27
1,2-Dichloroethane-d4
Concen: 29.921 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

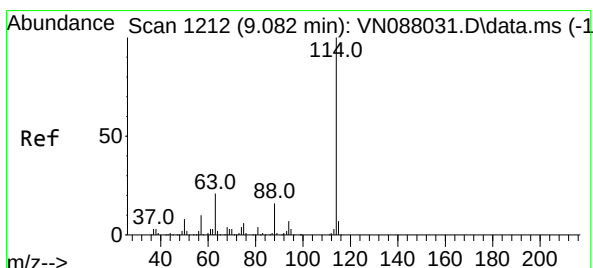
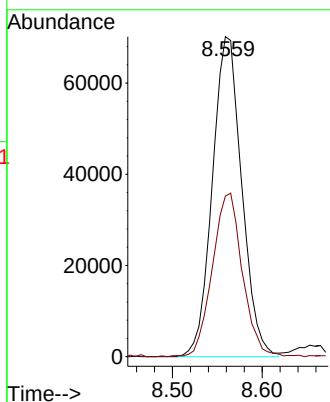
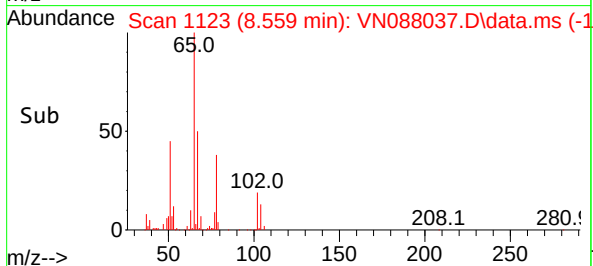
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



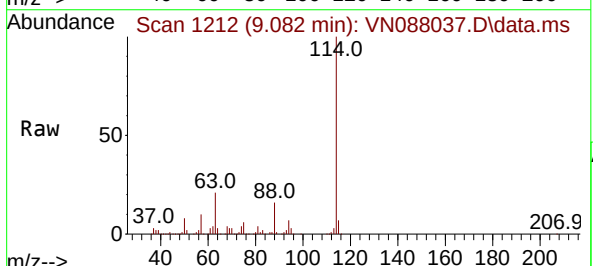
Tgt Ion: 65 Resp: 159484
Ion Ratio Lower Upper
65 100
67 51.9 41.9 62.9

Manual Integrations
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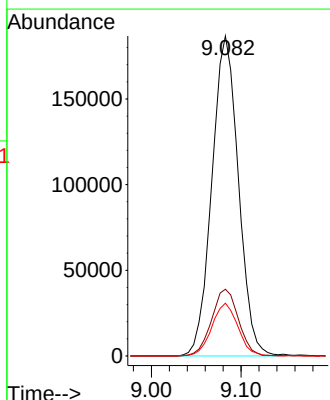
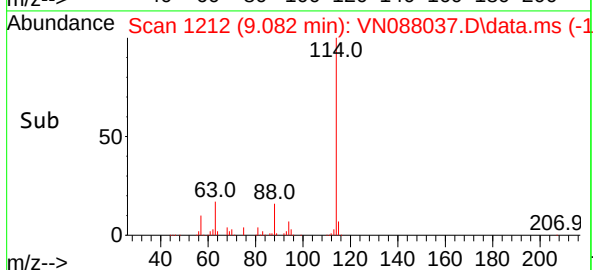
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

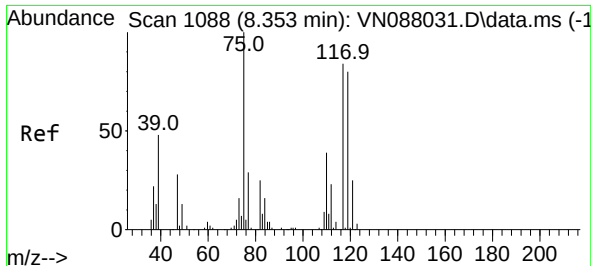


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25



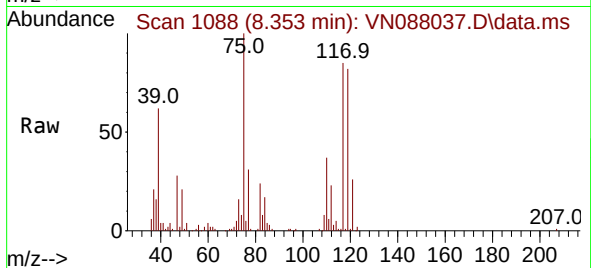
Tgt Ion:114 Resp: 383696
Ion Ratio Lower Upper
114 100
63 21.1 16.6 25.0
88 16.2 12.6 18.8





#29
1,1-Dichloropropene
Concen: 19.799 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

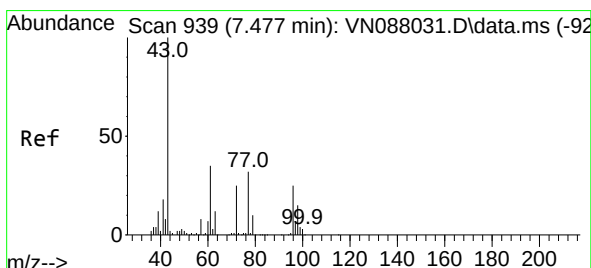
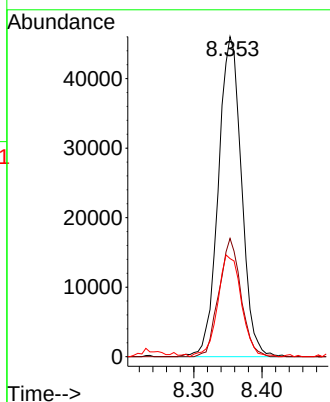
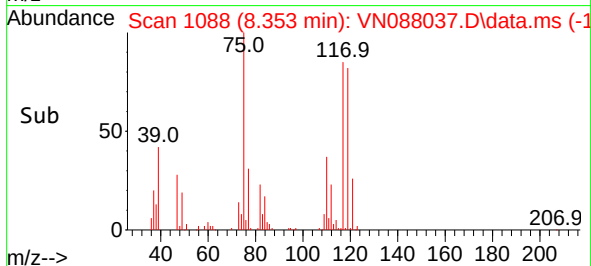
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



Tgt Ion: 75 Resp: 108892
Ion Ratio Lower Upper
75 100
110 35.0 0.0 72.2
77 32.4 0.0 60.6

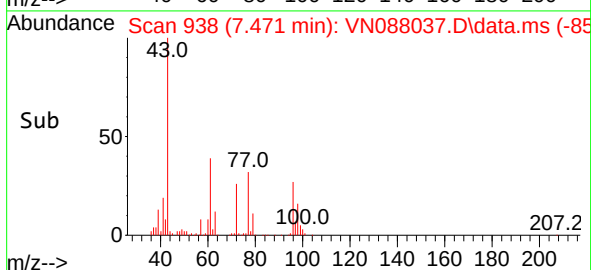
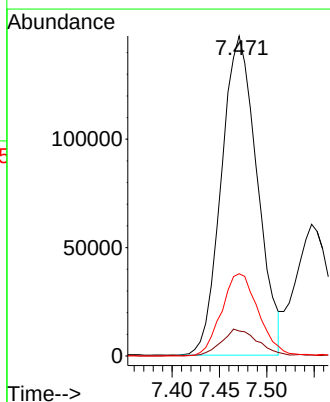
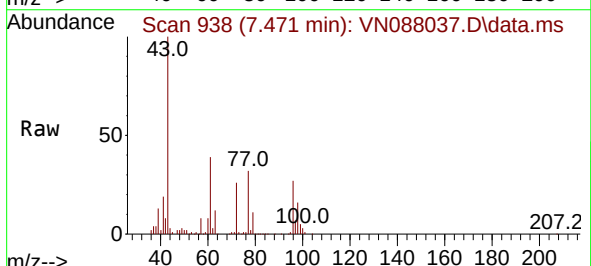
Manual Integrations
APPROVED

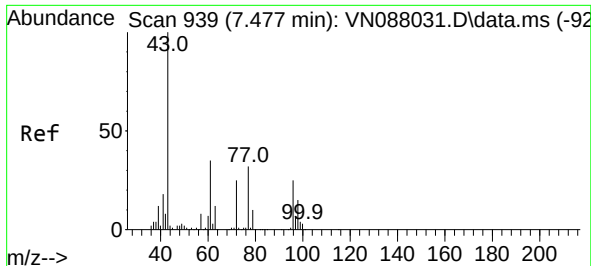
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#30
2-Butanone
Concen: 95.429 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Tgt Ion: 43 Resp: 387094
Ion Ratio Lower Upper
43 100
57 8.4 6.5 9.7
72 26.7 21.4 32.2





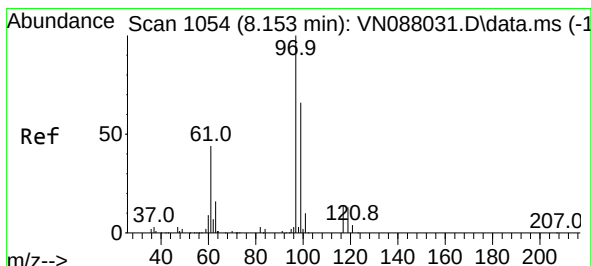
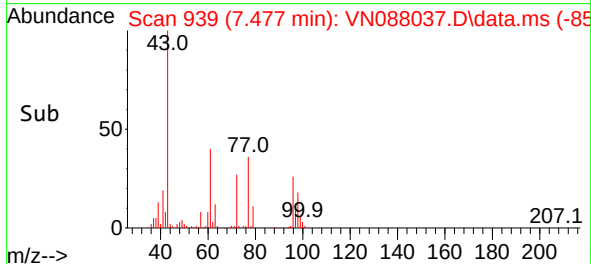
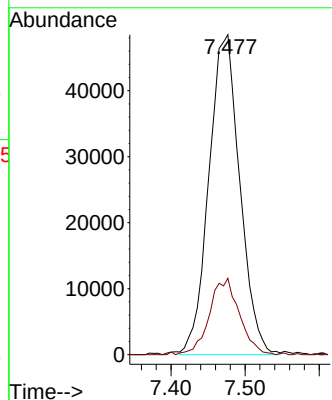
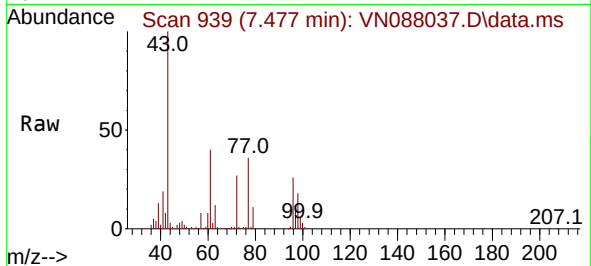
#31
2,2-Dichloropropane
Concen: 19.883 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01

Tgt Ion: 77 Resp: 14090
Ion Ratio Lower Upper
77 100
97 23.0 17.8 26.8

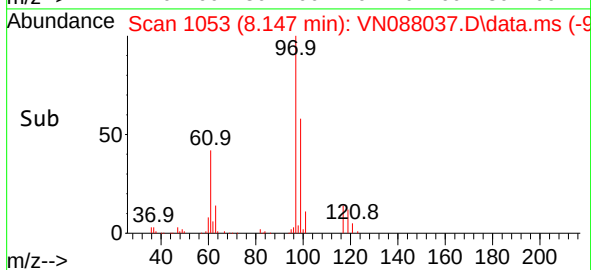
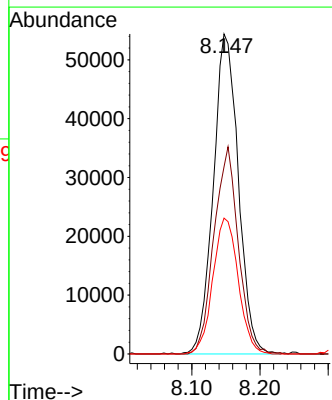
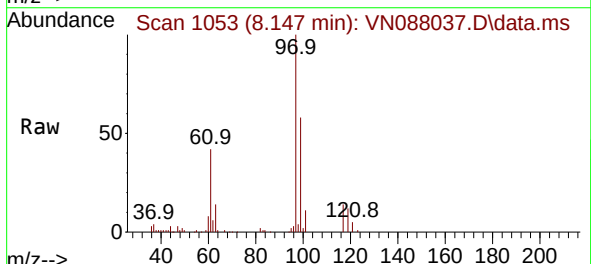
Manual Integrations
APPROVED

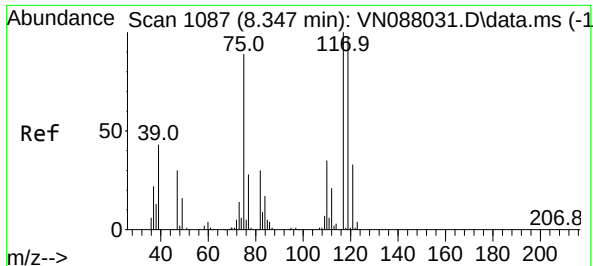
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#32
1,1,1-Trichloroethane
Concen: 20.234 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

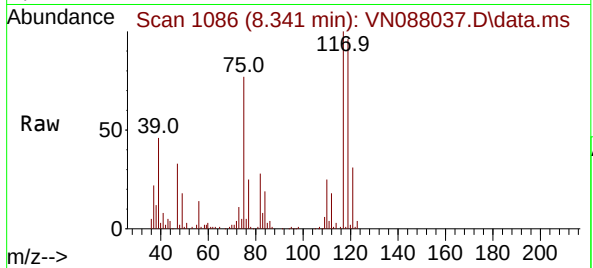
Tgt Ion: 97 Resp: 139057
Ion Ratio Lower Upper
97 100
99 62.7 51.4 77.2
61 43.1 34.7 52.1





#33
Carbon Tetrachloride
Concen: 19.978 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

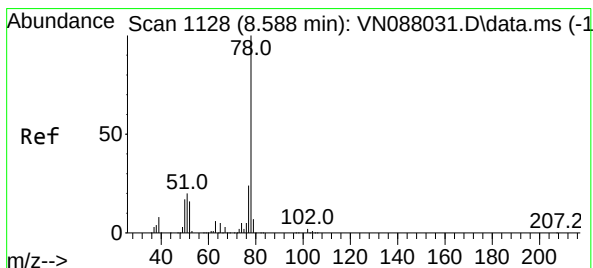
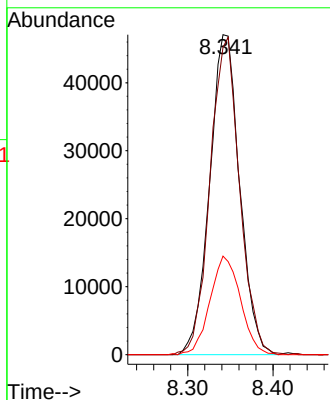
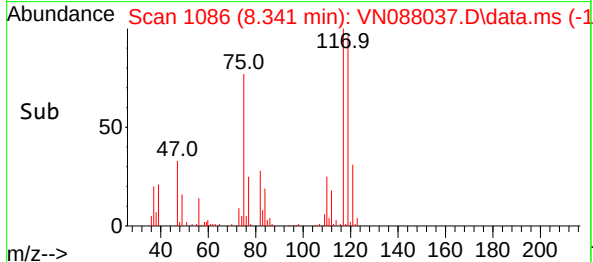
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



Tgt Ion: 117 Resp: 11500
Ion Ratio Lower Upper
117 100
119 95.6 77.9 116.9
121 30.8 26.4 39.6

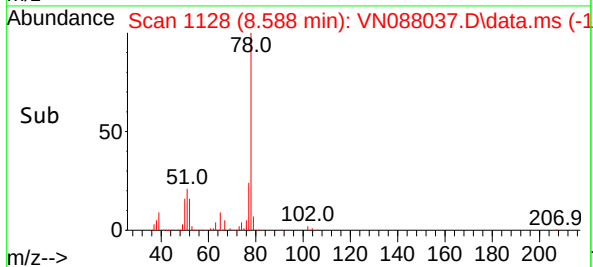
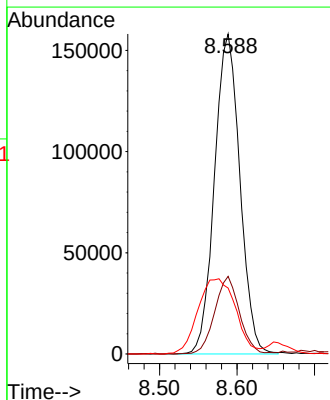
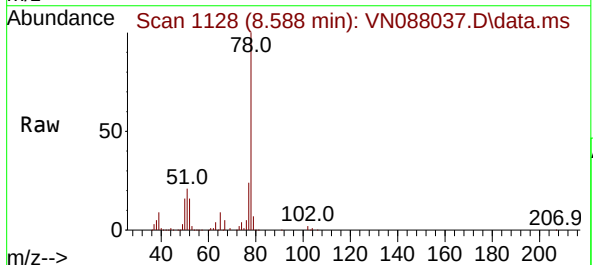
Manual Integrations
APPROVED

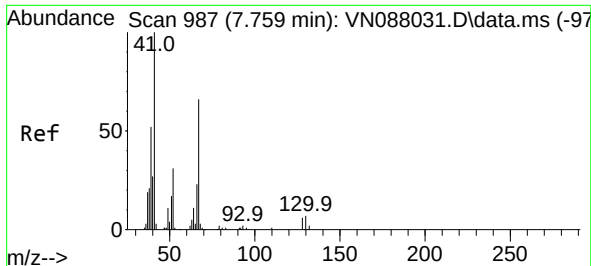
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#34
Benzene
Concen: 19.730 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Tgt Ion: 78 Resp: 359932
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3
51 19.5 15.6 23.4





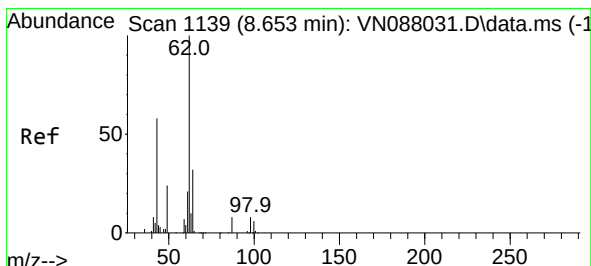
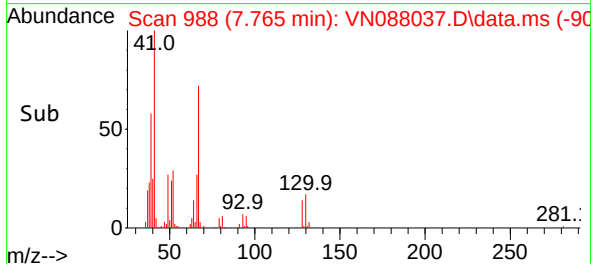
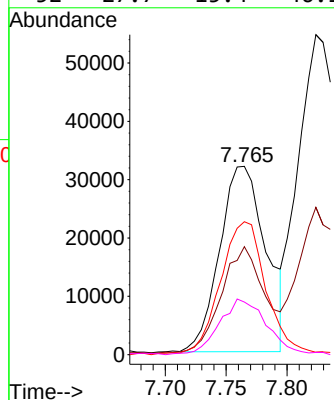
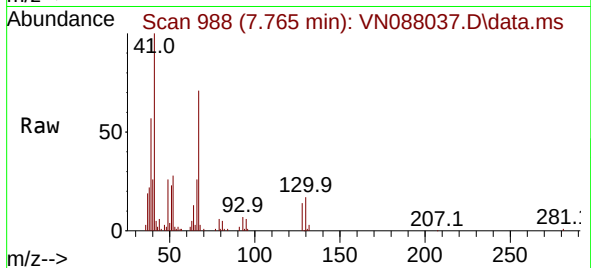
#35
Methacrylonitrile
Concen: 19.673 ug/l
RT: 7.765 min Scan# 987
Delta R.T. 0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01

Tgt Ion: 41 Resp: 83917
Ion Ratio Lower Upper
41 100
39 56.8 26.1 78.3
67 70.9 33.1 99.2
52 27.7 15.4 46.1

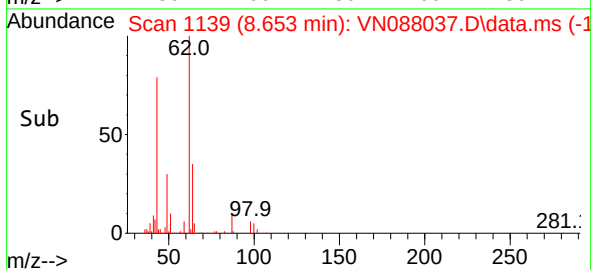
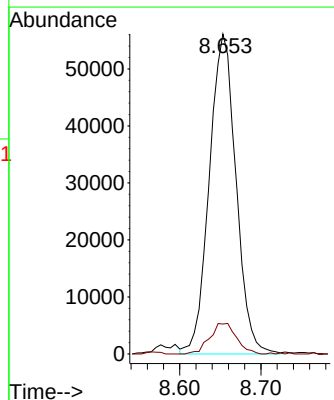
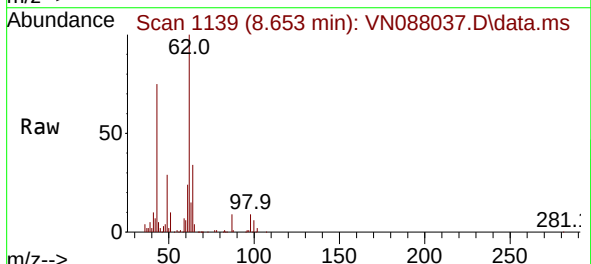
Manual Integrations
APPROVED

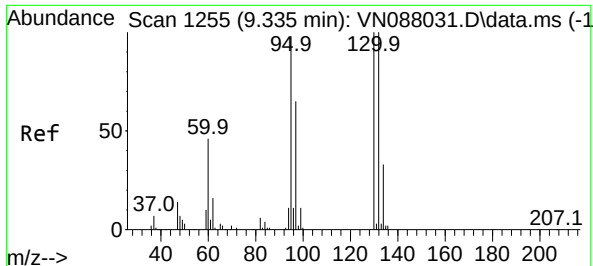
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#36
1,2-Dichloroethane
Concen: 20.289 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Tgt Ion: 62 Resp: 128492
Ion Ratio Lower Upper
62 100
98 9.3 7.8 11.6





#37

Trichloroethene

Concen: 20.439 ug/l

RT: 9.330 min Scan# 1255

Delta R.T. -0.006 min

Lab File: VN088037.D

Acq: 08 Oct 2025 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBS01

Tgt Ion:130 Resp: 88339

Ion Ratio Lower Upper

130 100

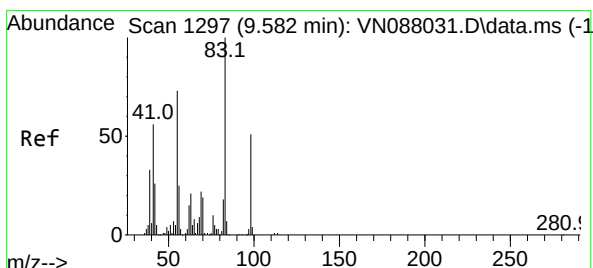
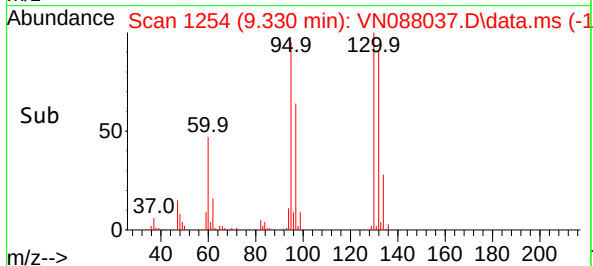
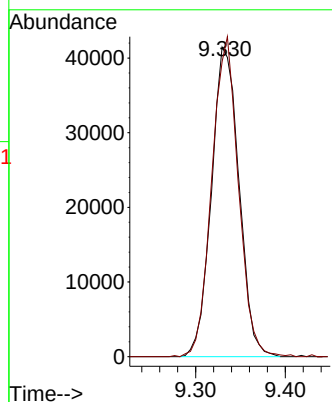
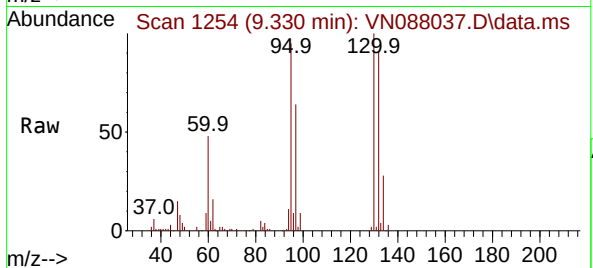
95 95.3 78.7 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#38

Methylcyclohexane

Concen: 20.124 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN088037.D

Acq: 08 Oct 2025 13:25

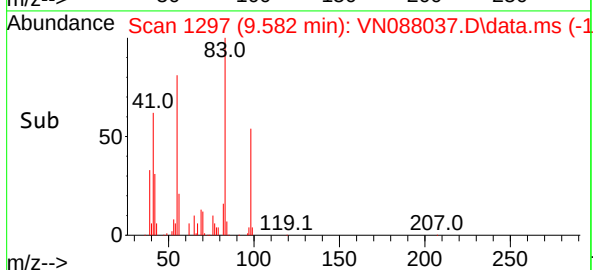
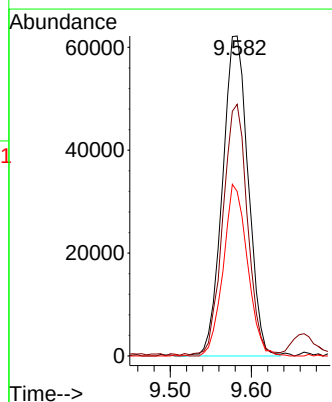
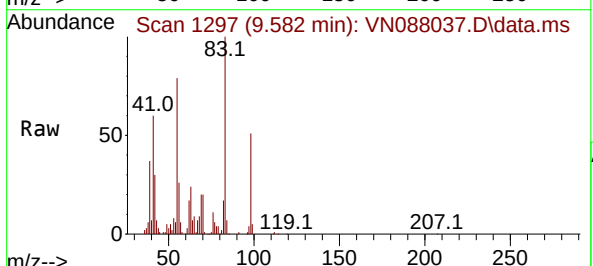
Tgt Ion: 83 Resp: 136681

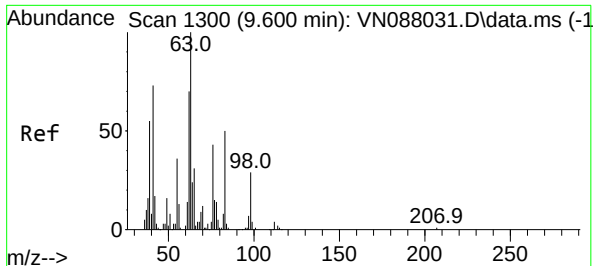
Ion Ratio Lower Upper

83 100

55 75.3 37.3 111.9

98 50.6 25.4 76.0





#39

1,2-Dichloropropane

Concen: 19.452 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088037.D

Acq: 08 Oct 2025 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBS01

Tgt Ion: 63 Resp: 88980

Ion Ratio Lower Upper

63 100

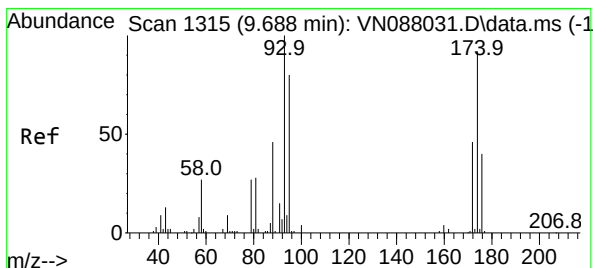
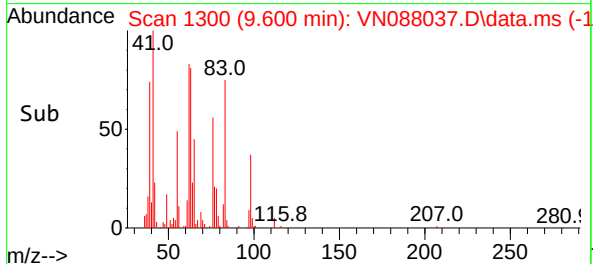
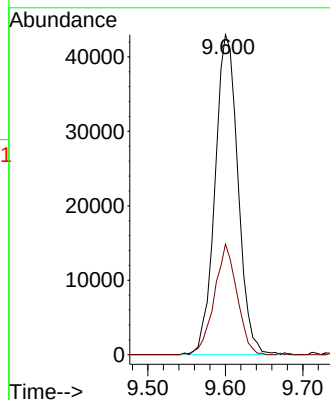
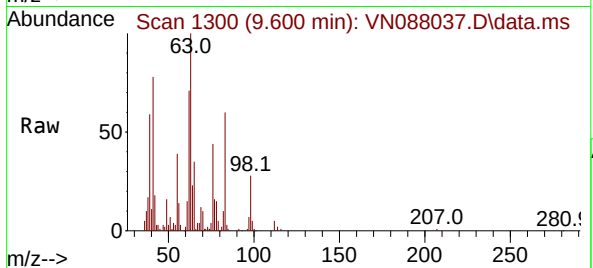
65 34.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#40

Dibromomethane

Concen: 19.996 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088037.D

Acq: 08 Oct 2025 13:25

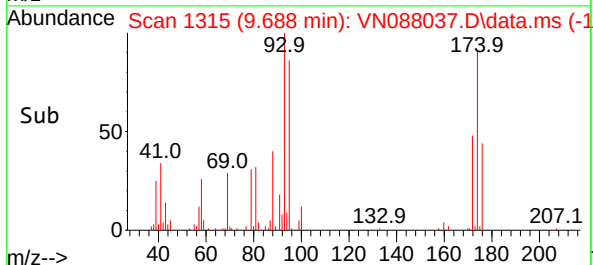
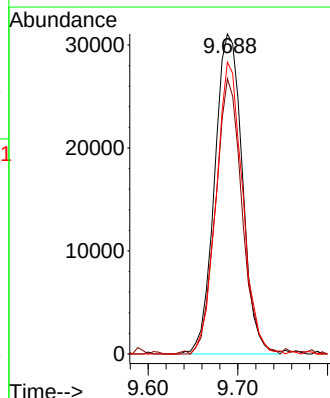
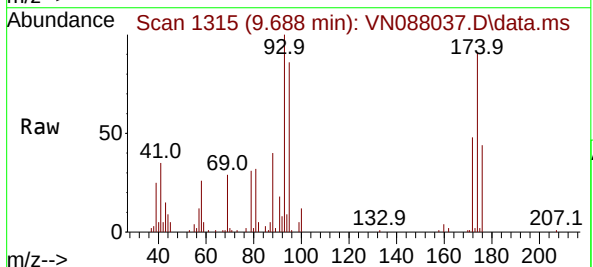
Tgt Ion: 93 Resp: 66580

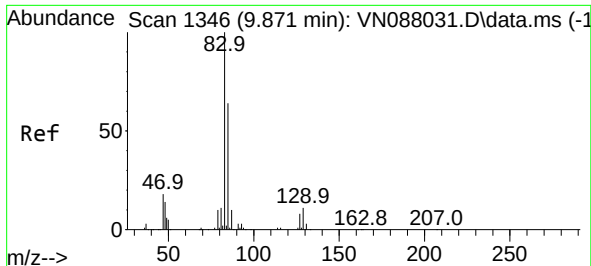
Ion Ratio Lower Upper

93 100

95 81.9 0.0 158.6

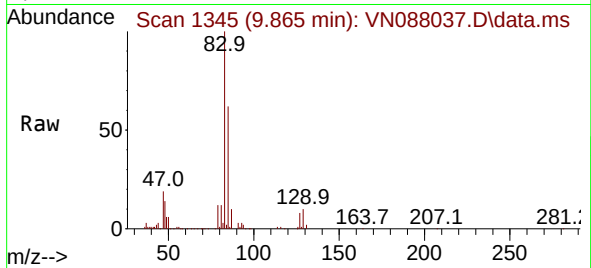
174 86.9 0.0 180.8





#41
Bromodichloromethane
Concen: 19.865 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

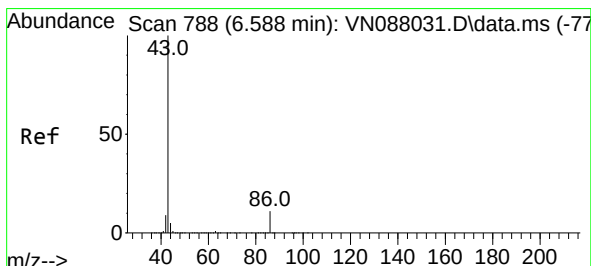
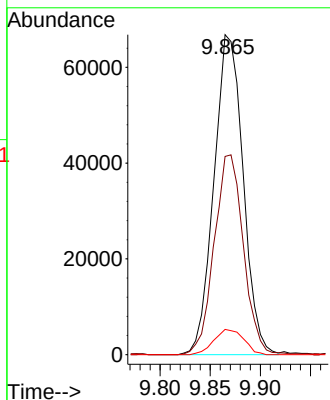
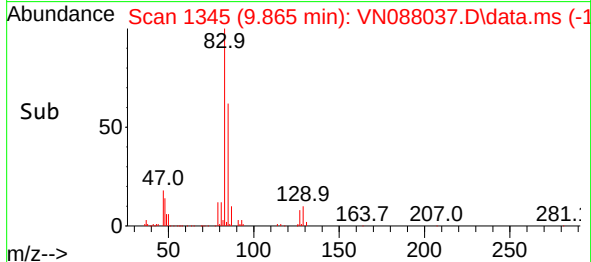
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



Tgt Ion: 83 Resp: 135088
Ion Ratio Lower Upper
83 100
85 62.0 51.0 76.4
127 7.9 6.1 9.1

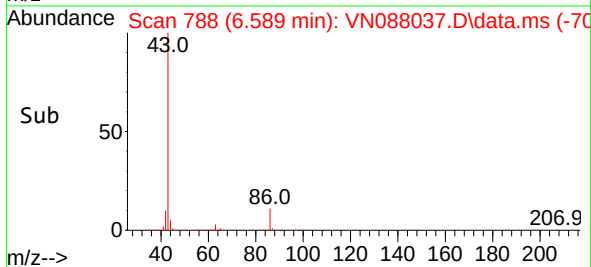
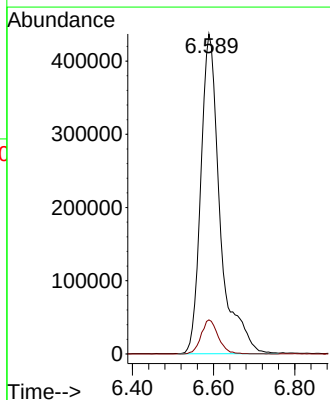
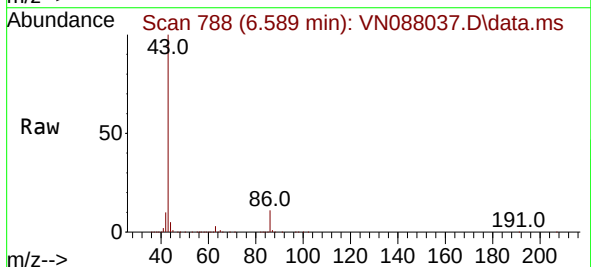
Manual Integrations
APPROVED

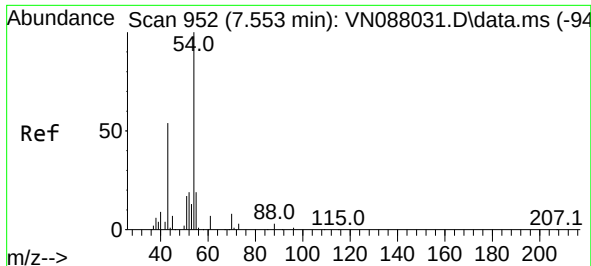
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#42
Vinyl Acetate
Concen: 104.032 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Tgt Ion: 43 Resp: 1437591
Ion Ratio Lower Upper
43 100
86 9.5 8.4 12.6





#43

Ethyl Acetate

Concen: 20.509 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN088037.D

Acq: 08 Oct 2025 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBS01

Tgt Ion: 43 Resp: 15991

Ion Ratio Lower Upper

43 100

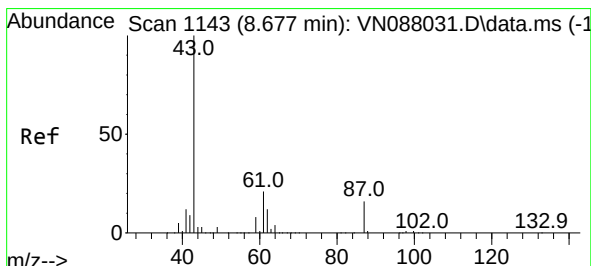
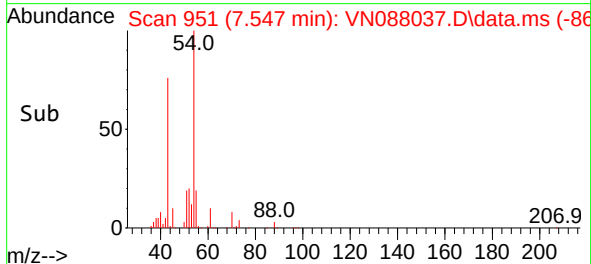
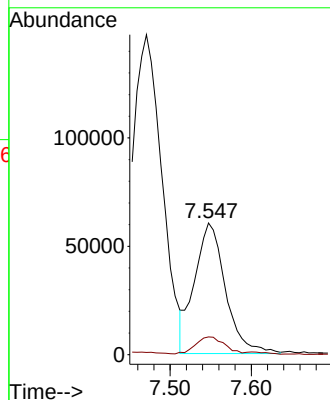
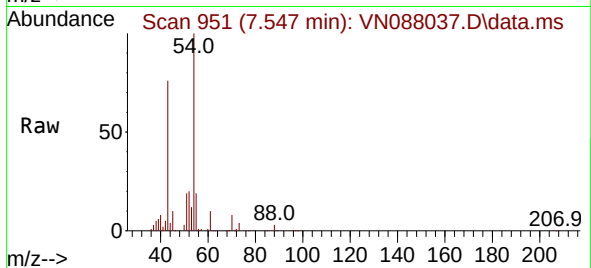
45 12.0 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#44

Isopropyl Acetate

Concen: 19.357 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VN088037.D

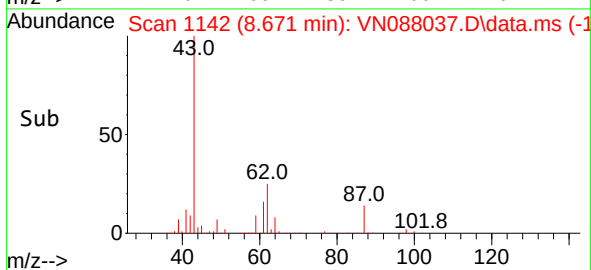
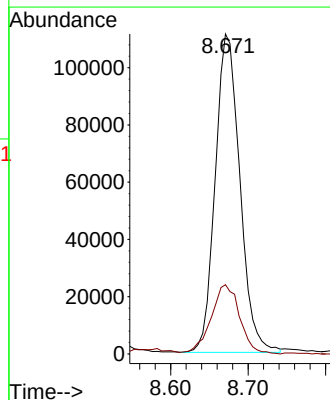
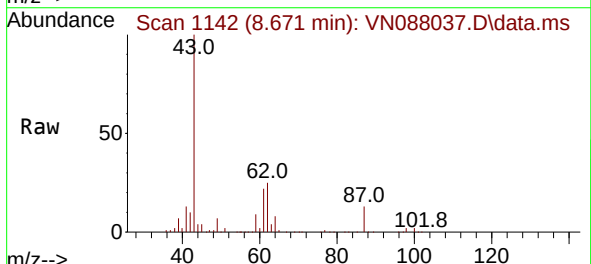
Acq: 08 Oct 2025 13:25

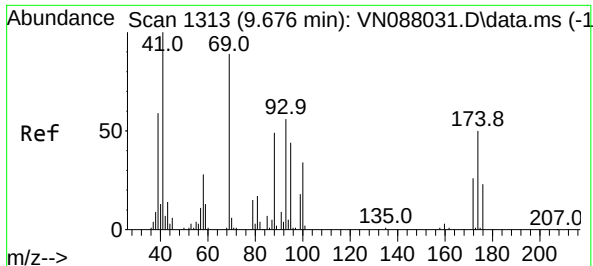
Tgt Ion: 43 Resp: 246527

Ion Ratio Lower Upper

43 100

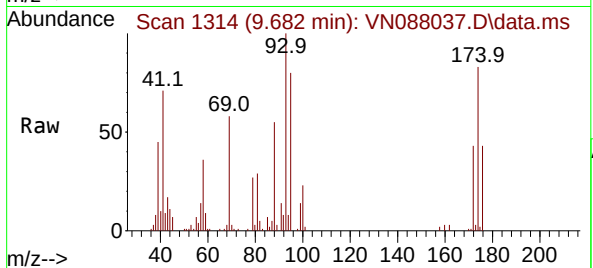
61 25.3 18.7 28.1





#45
1,4-Dioxane
Concen: 401.345 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

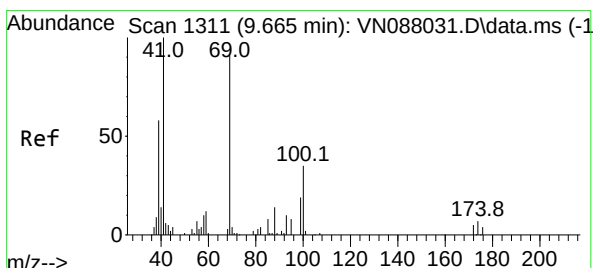
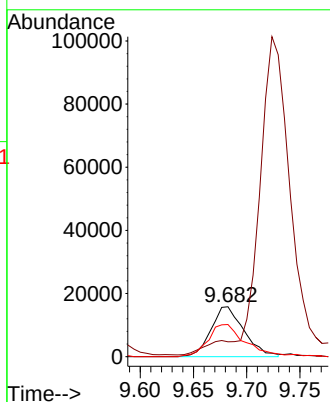
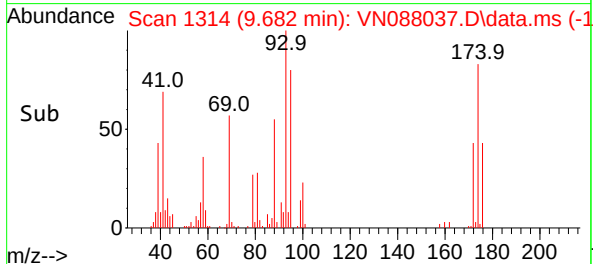
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



Tgt Ion: 88 Resp: 3399
Ion Ratio Lower Upper
88 100
43 26.1 18.6 27.8
58 71.8 57.4 86.2

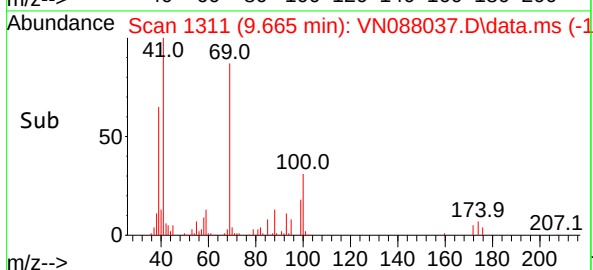
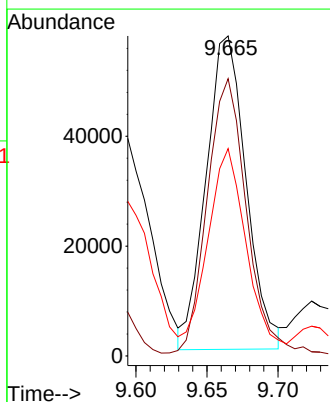
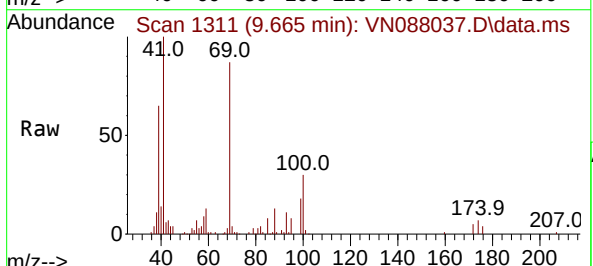
Manual Integrations
APPROVED

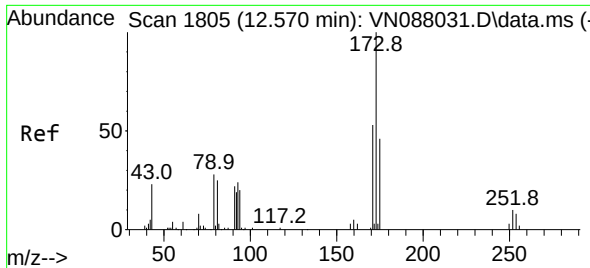
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#46
Methyl methacrylate
Concen: 19.928 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

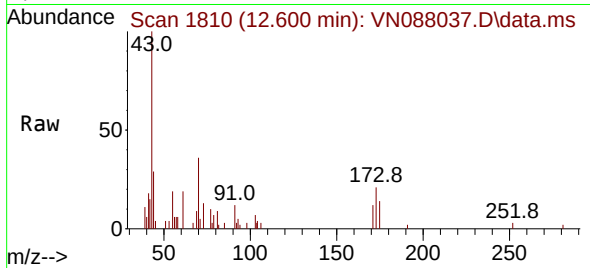
Tgt Ion: 41 Resp: 111767
Ion Ratio Lower Upper
41 100
69 93.0 44.9 134.7
39 65.5 30.3 90.8





#47
n-amy1 Acetate
Concen: 21.421 ug/l m
RT: 12.600 min Scan# 1805
Delta R.T. 0.030 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

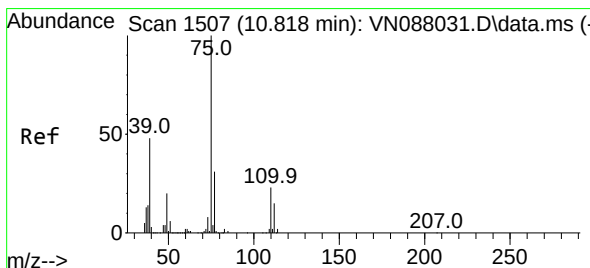
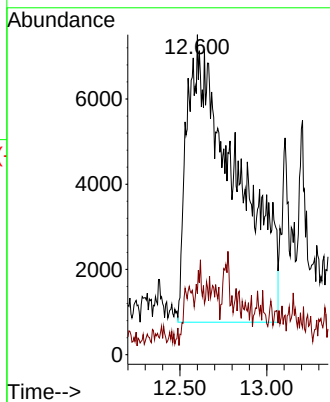
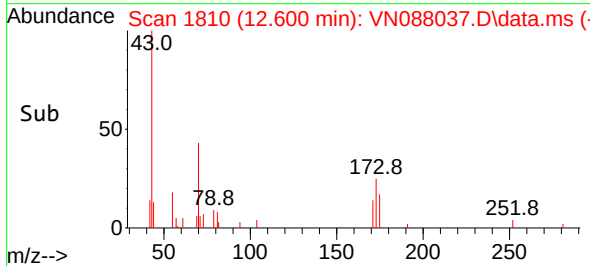
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



Tgt Ion: 43 Resp: 12930
Ion Ratio Lower Upper
43 100
55 1.2 0.6 0.8

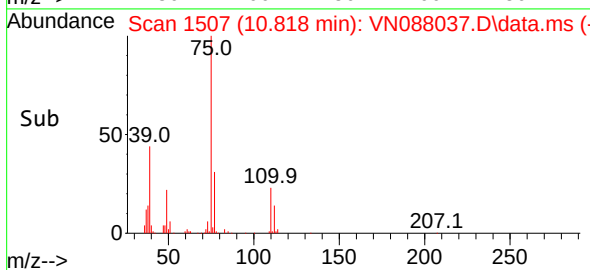
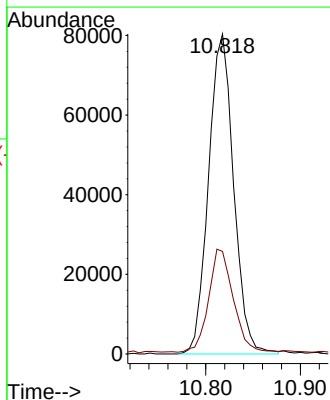
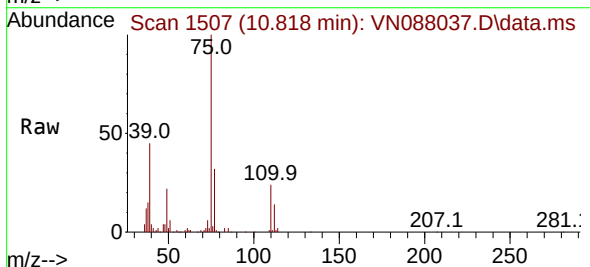
Manual Integrations
APPROVED

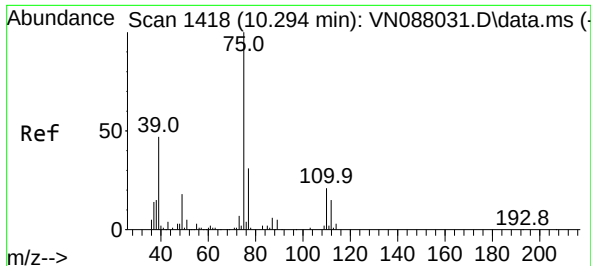
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#48
t-1,3-Dichloropropene
Concen: 19.579 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

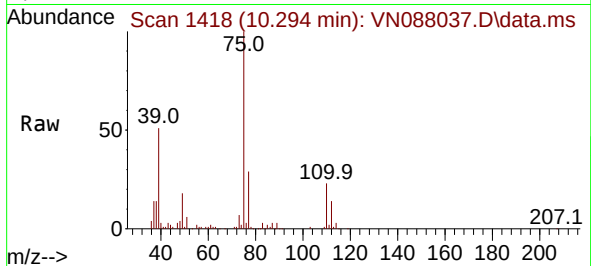
Tgt Ion: 75 Resp: 148049
Ion Ratio Lower Upper
75 100
77 31.5 24.5 36.7





#49
 cis-1,3-Dichloropropene
 Concen: 19.812 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088037.D
 Acq: 08 Oct 2025 13:25

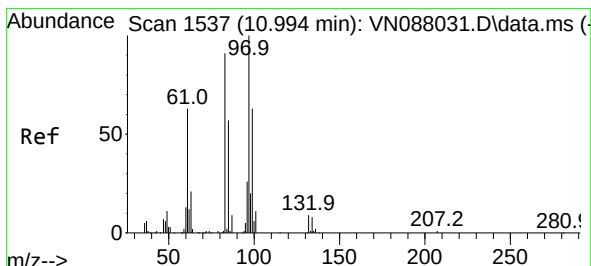
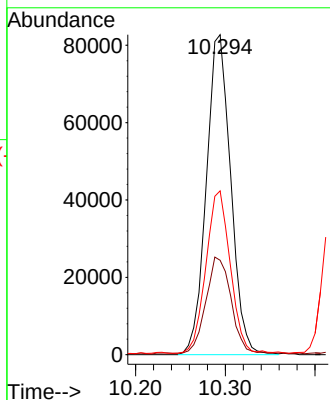
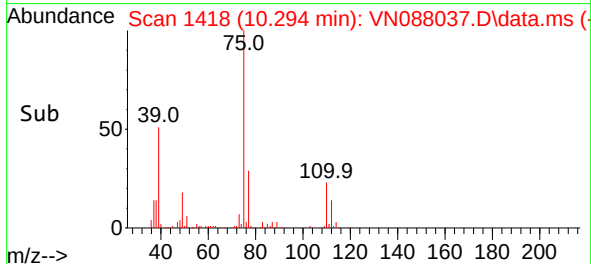
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS01



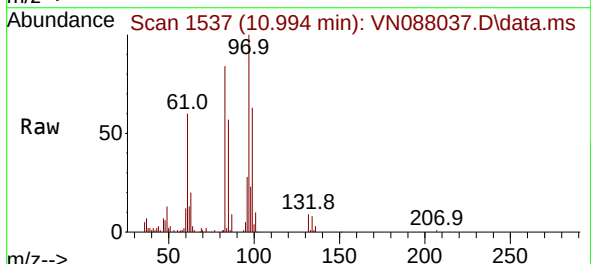
Tgt Ion: 75 Resp: 156272
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.0 37.4
 39 50.7 37.4 56.0

Manual Integrations
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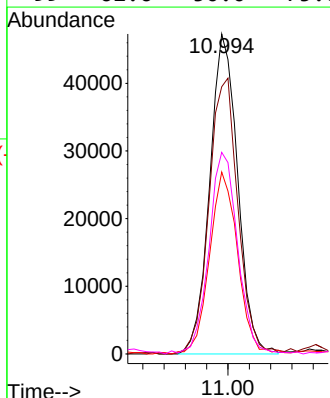
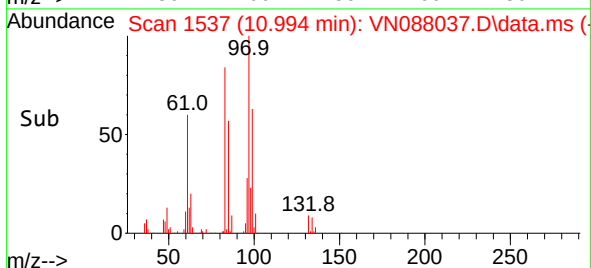
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025

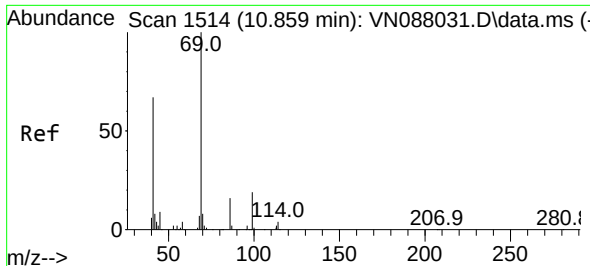


#50
 1,1,2-Trichloroethane
 Concen: 19.514 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088037.D
 Acq: 08 Oct 2025 13:25



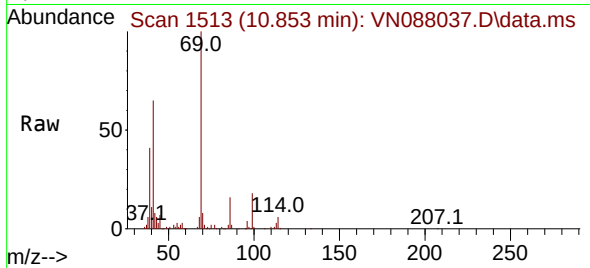
Tgt Ion: 97 Resp: 86044
 Ion Ratio Lower Upper
 97 100
 83 83.1 72.5 108.7
 85 56.2 45.5 68.3
 99 62.6 50.0 75.0





#51
Ethyl methacrylate
Concen: 19.747 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

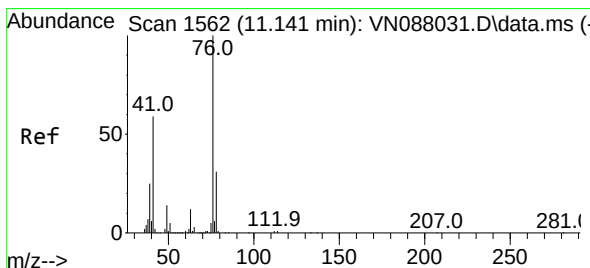
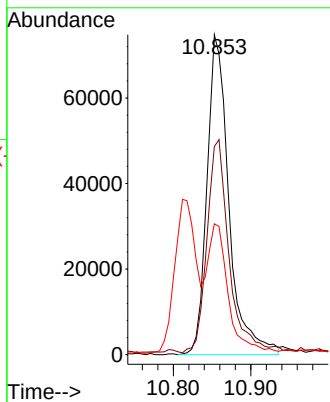
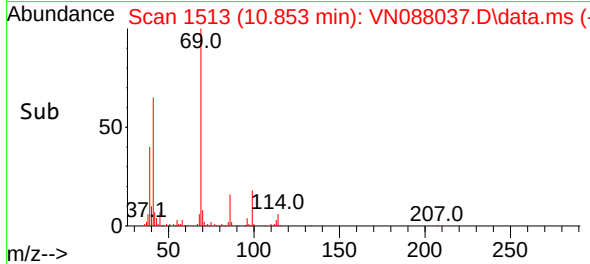
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



Tgt Ion: 69 Resp: 147363
Ion Ratio Lower Upper
69 100
41 64.2 33.3 99.8
39 39.8 20.3 61.0

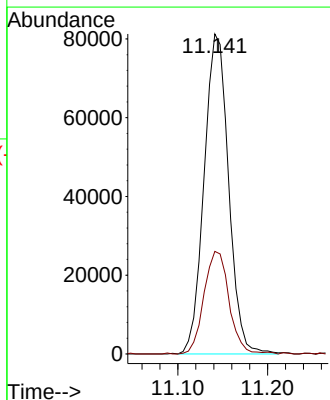
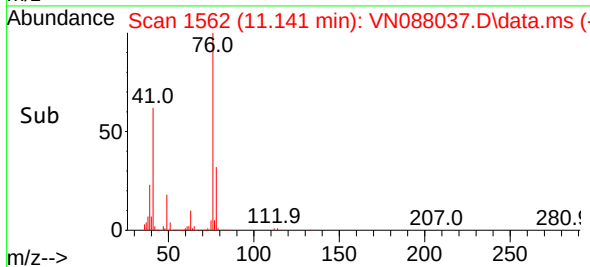
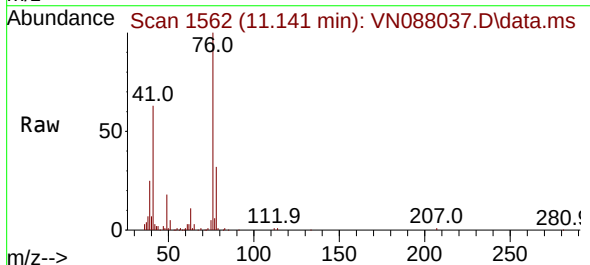
Manual Integrations
APPROVED

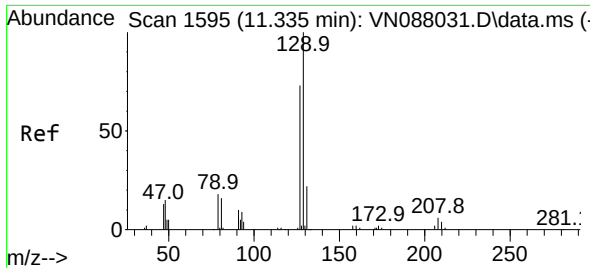
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#52
1,3-Dichloropropane
Concen: 20.026 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Tgt Ion: 76 Resp: 154063
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.0





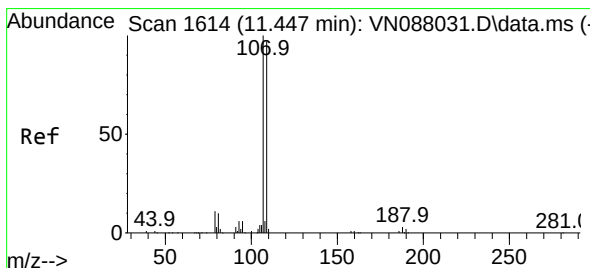
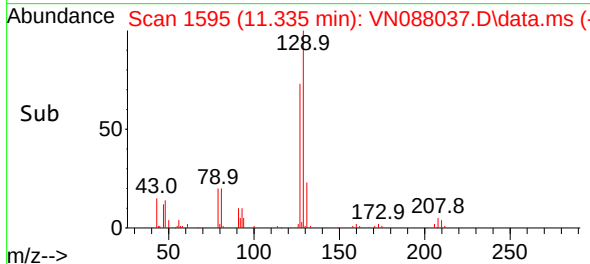
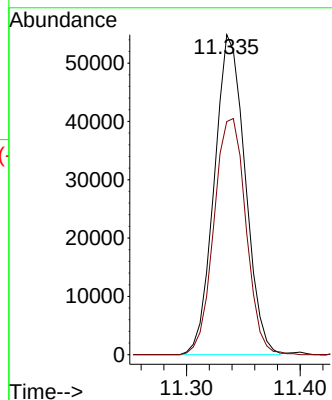
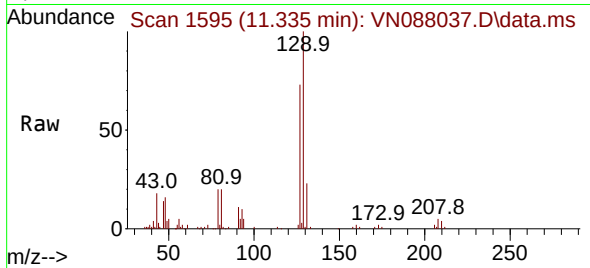
#53
Dibromochloromethane
Concen: 19.666 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01

Tgt Ion:129 Resp: 103660
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.3

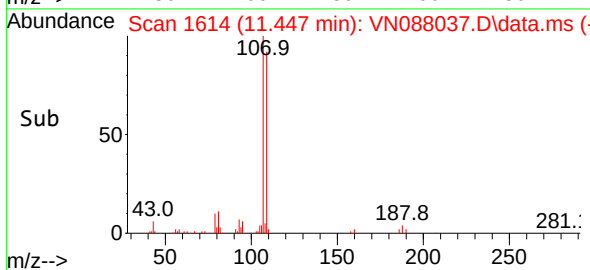
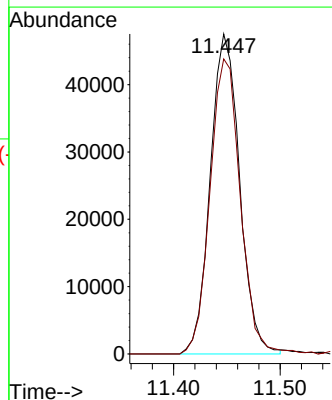
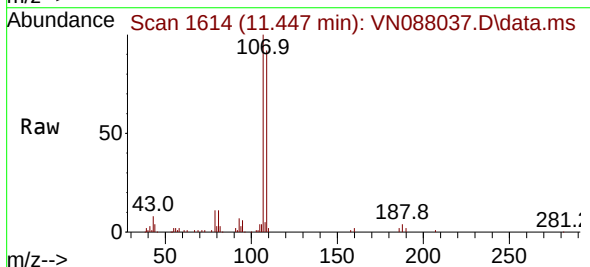
Manual Integrations
APPROVED

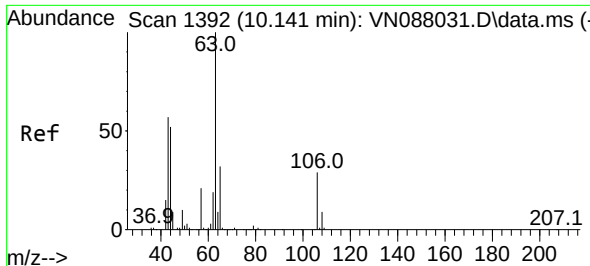
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#54
1,2-Dibromoethane
Concen: 19.250 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

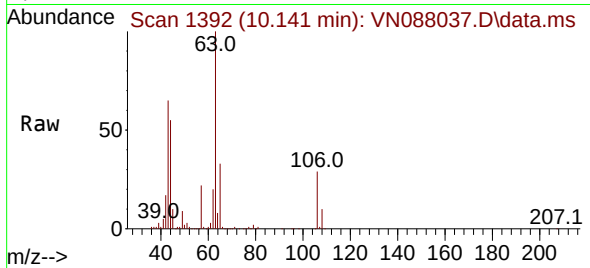
Tgt Ion:107 Resp: 90746
Ion Ratio Lower Upper
107 100
109 95.0 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 88.450 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

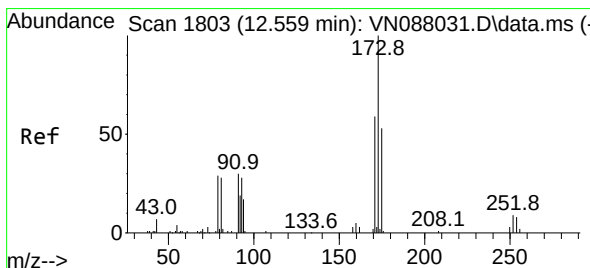
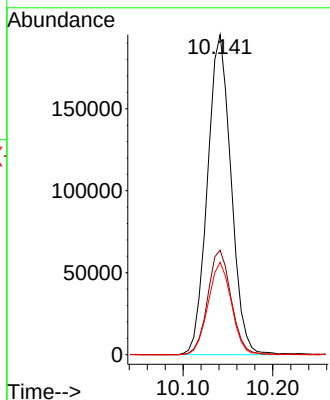
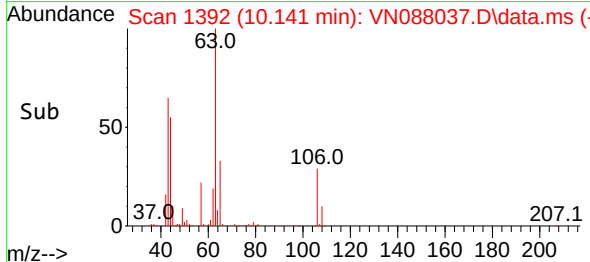
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



Tgt Ion: 63 Resp: 356274
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5
106 28.6 22.6 34.0

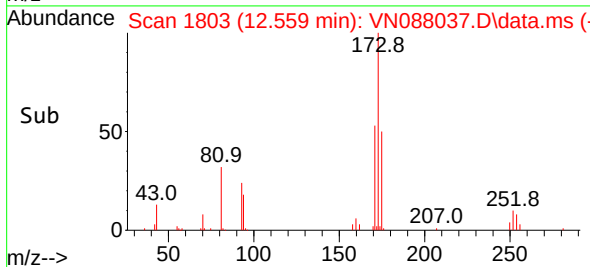
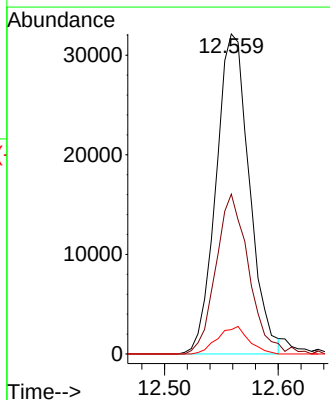
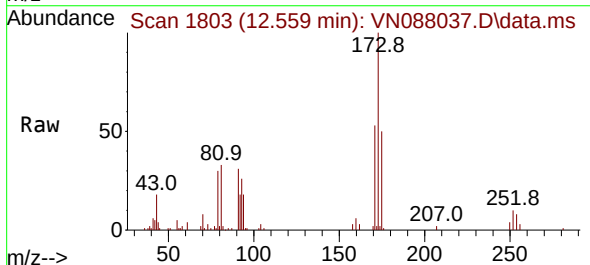
Manual Integrations
APPROVED

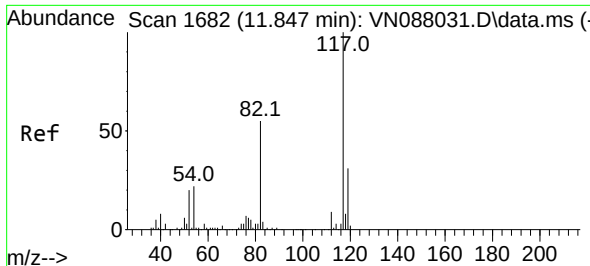
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#56
Bromoform
Concen: 18.360 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Tgt Ion:173 Resp: 65434
Ion Ratio Lower Upper
173 100
175 48.9 39.6 59.4
254 8.1 6.6 10.0





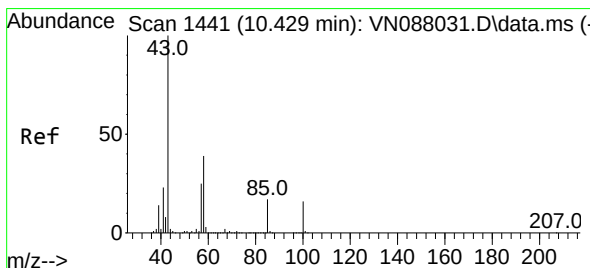
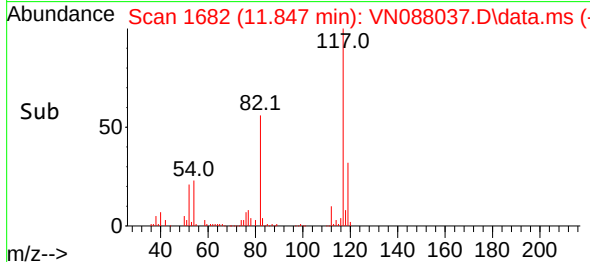
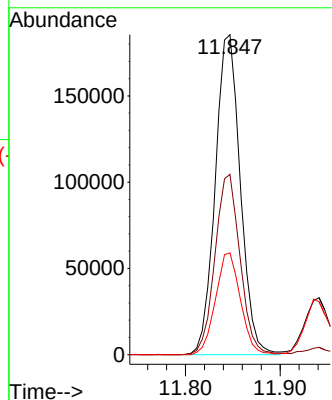
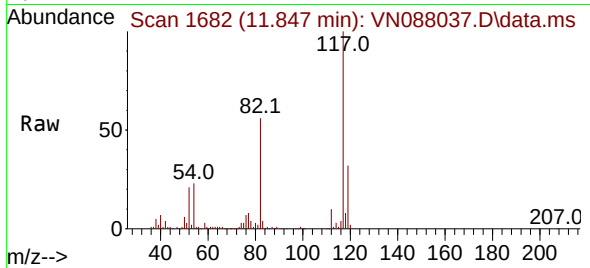
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01

Tgt Ion:117 Resp: 34199
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 31.6 25.9 38.9

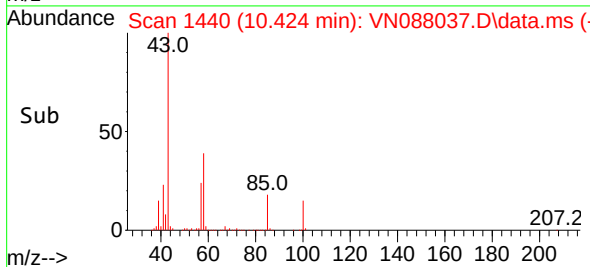
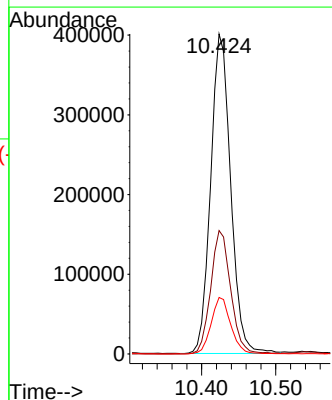
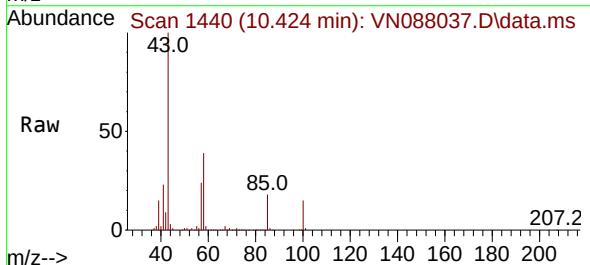
Manual Integrations
APPROVED

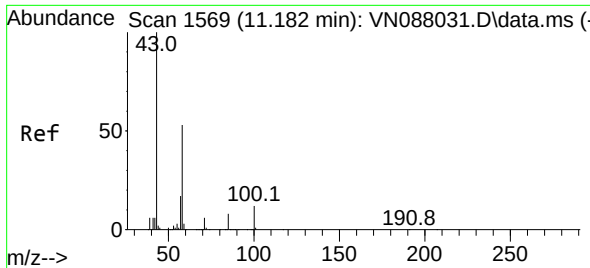
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#58
4-Methyl-2-Pentanone
Concen: 98.204 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

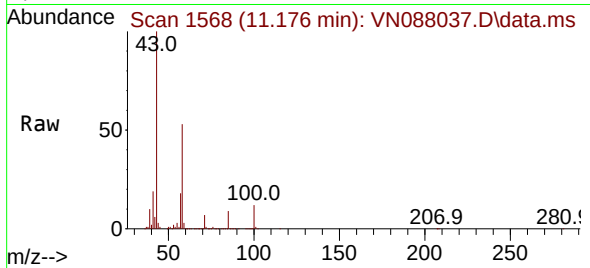
Tgt Ion: 43 Resp: 751216
Ion Ratio Lower Upper
43 100
58 38.5 31.2 46.8
85 17.4 13.7 20.5





#59
2-Hexanone
Concen: 96.798 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

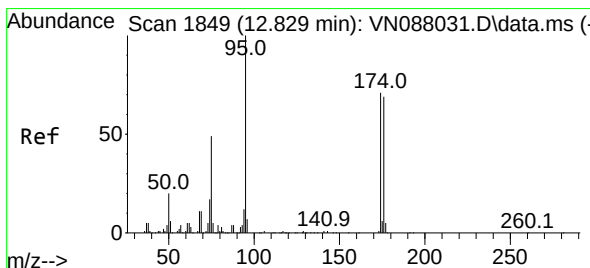
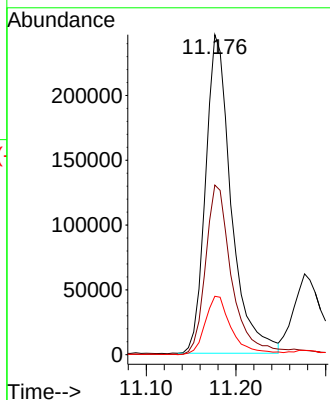
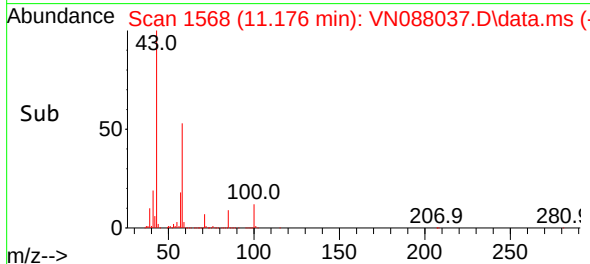
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



Tgt Ion: 43 Resp: 48887
Ion Ratio Lower Upper
43 100
58 54.0 43.1 64.7
57 19.0 14.6 21.8

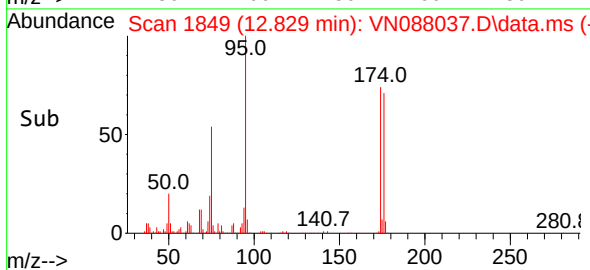
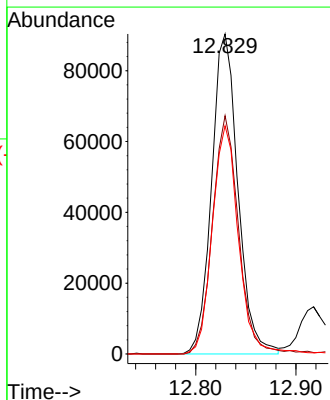
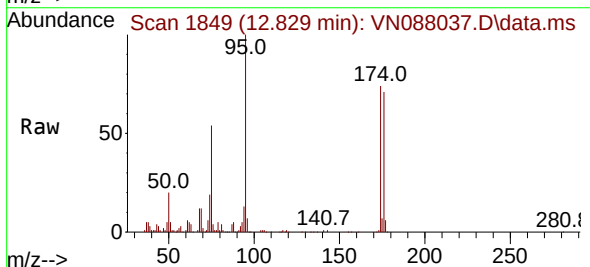
Manual Integrations
APPROVED

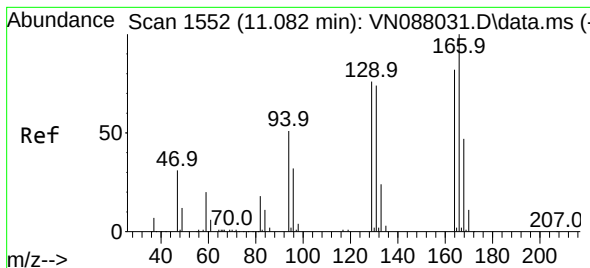
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#60
4-Bromofluorobenzene
Concen: 29.237 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

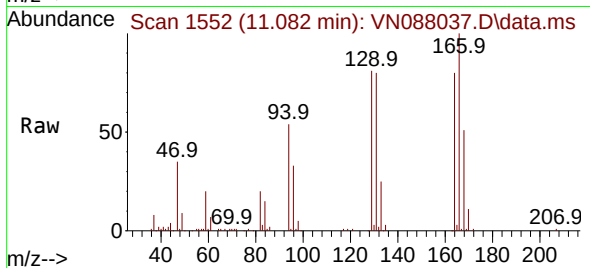
Tgt Ion: 95 Resp: 164834
Ion Ratio Lower Upper
95 100
174 73.1 57.4 86.0
176 70.5 57.0 85.4





#61
Tetrachloroethene
Concen: 19.457 ug/l
RT: 11.082 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

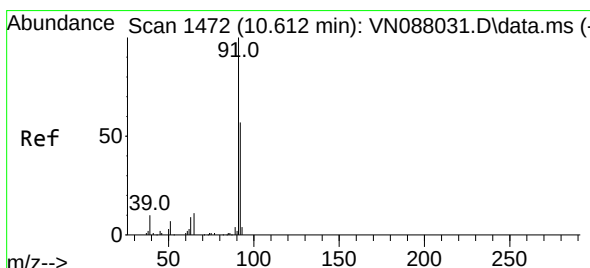
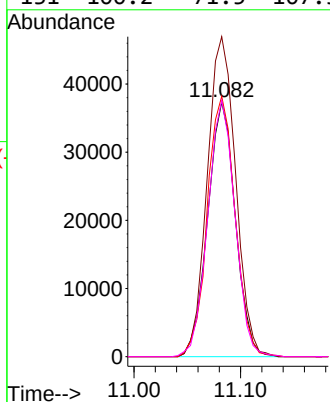
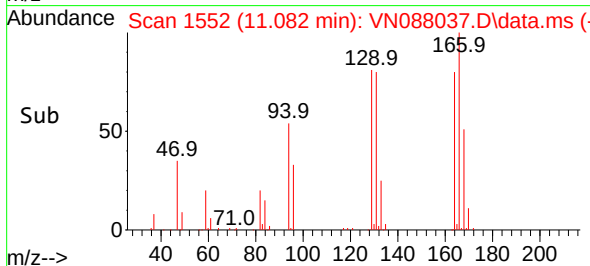
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



Tgt Ion:164 Resp: 67384
Ion Ratio Lower Upper
164 100
166 125.7 97.2 145.8
129 102.3 73.7 110.5
131 100.2 71.5 107.3

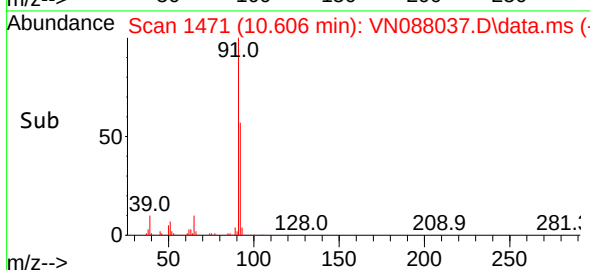
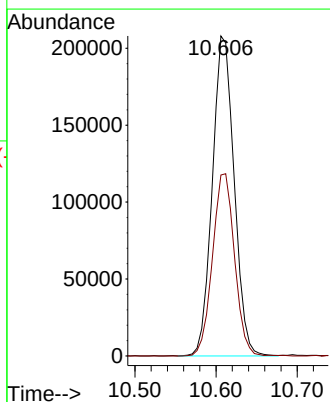
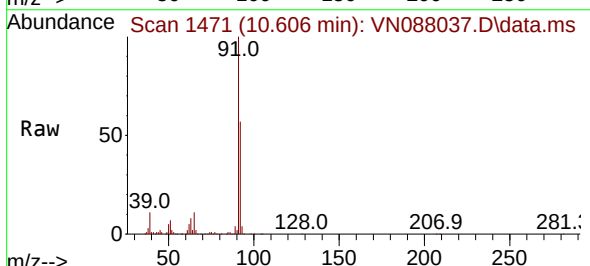
Manual Integrations
APPROVED

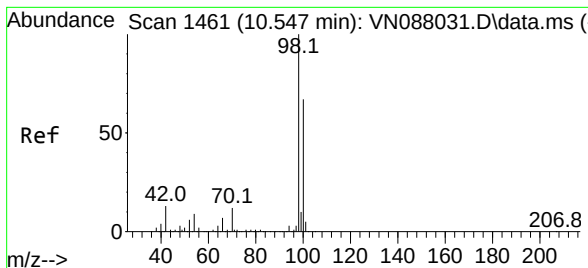
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#62
Toluene
Concen: 20.051 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

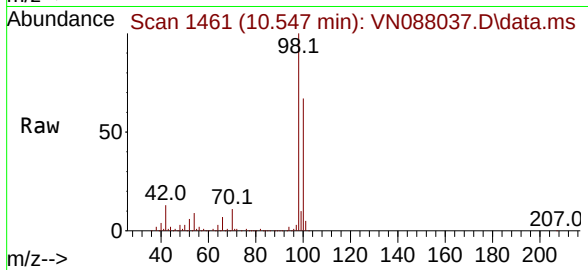
Tgt Ion: 91 Resp: 388971
Ion Ratio Lower Upper
91 100
92 57.4 45.8 68.8





#63
Toluene-d8
Concen: 29.941 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

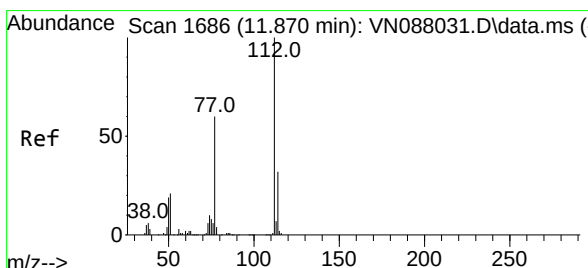
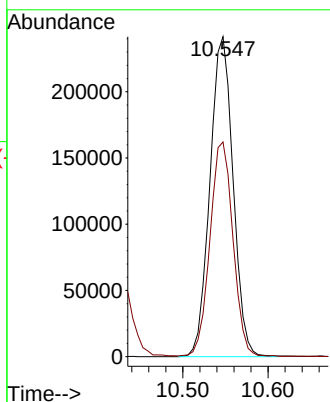
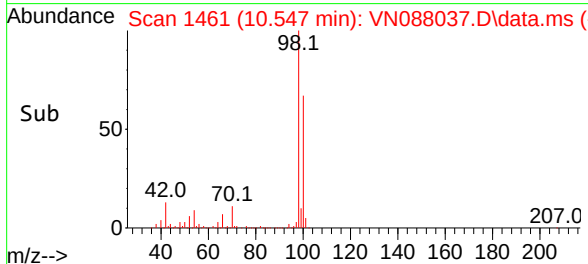
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



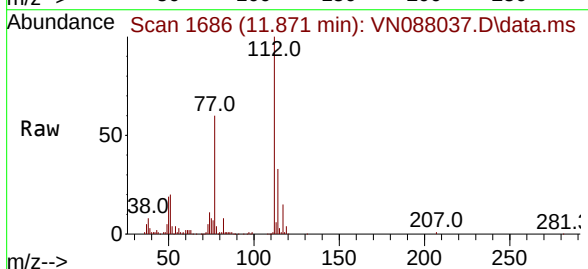
Tgt Ion: 98 Resp: 456210
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

Manual Integrations
APPROVED

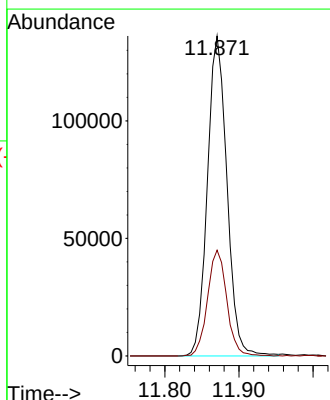
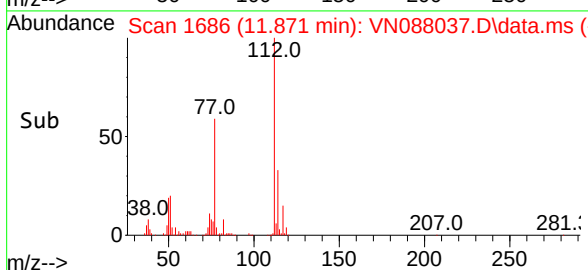
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

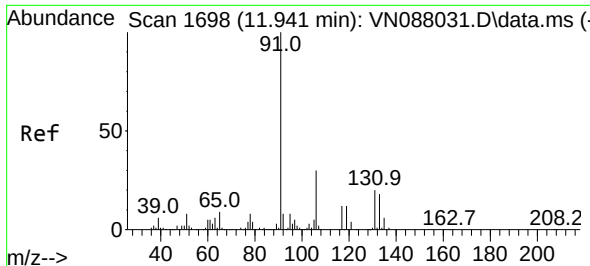


#64
Chlorobenzene
Concen: 20.123 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25



Tgt Ion:112 Resp: 249337
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5





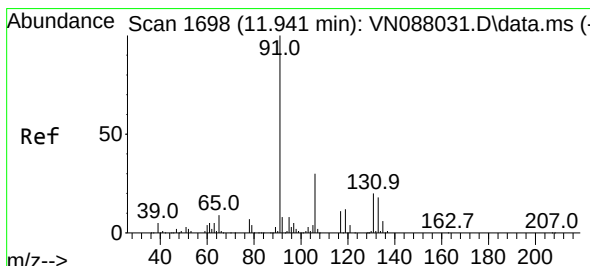
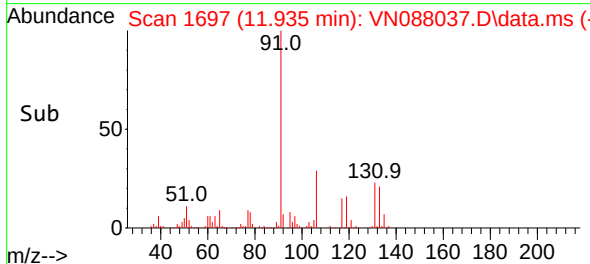
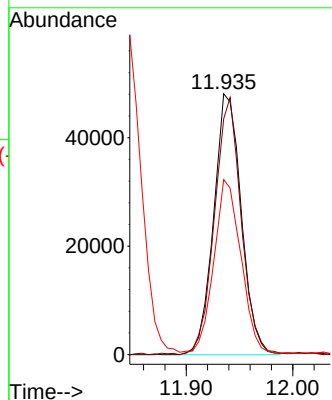
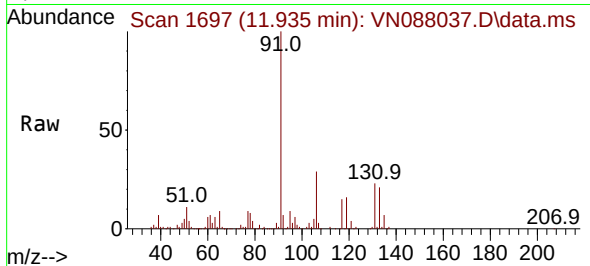
#65
1,1,1,2-Tetrachloroethane
Concen: 20.223 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01

Tgt Ion:131 Resp: 8635
Ion Ratio Lower Upper
131 100
133 95.5 0.0 183.8
119 66.5 0.0 132.0

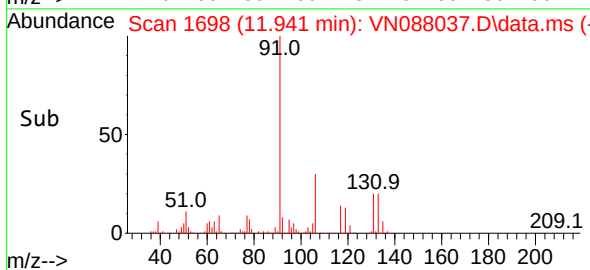
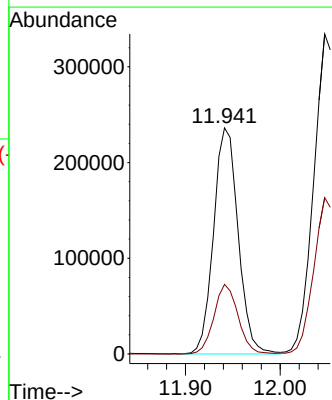
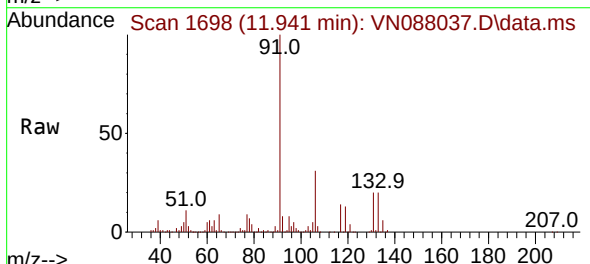
Manual Integrations
APPROVED

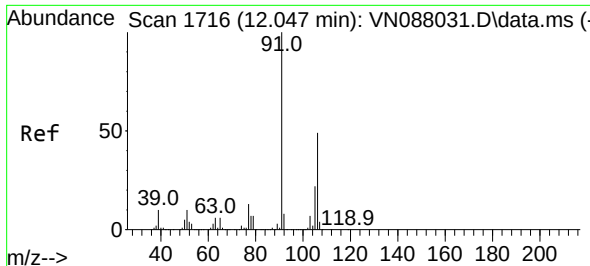
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#66
Ethyl Benzene
Concen: 20.194 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Tgt Ion: 91 Resp: 425961
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0





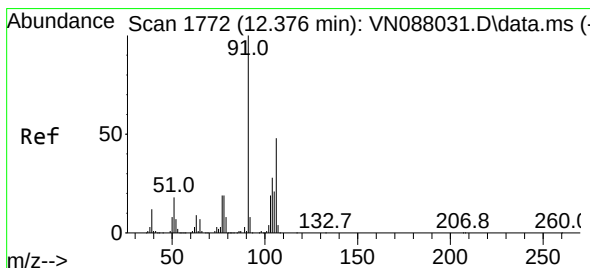
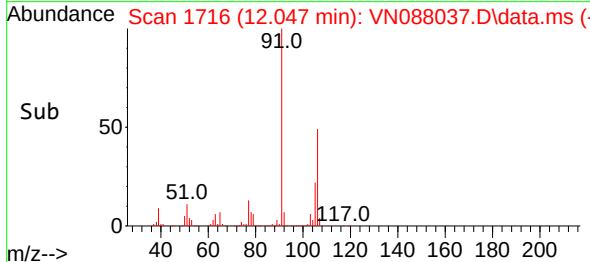
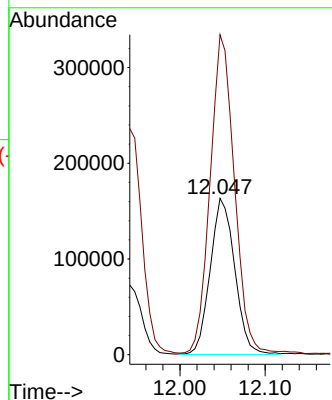
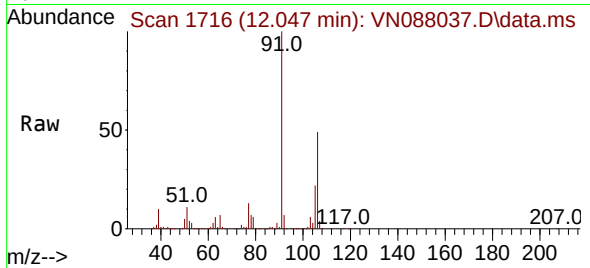
#67
m/p-Xylenes
Concen: 40.287 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01

Tgt Ion:106 Resp: 327604
Ion Ratio Lower Upper
106 100
91 199.9 161.4 242.0

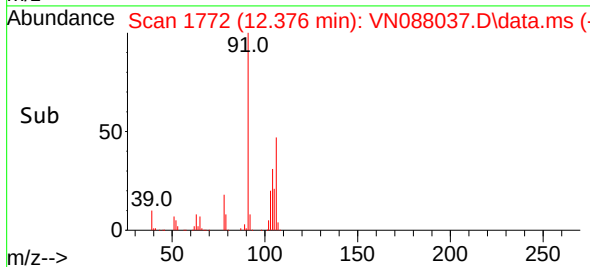
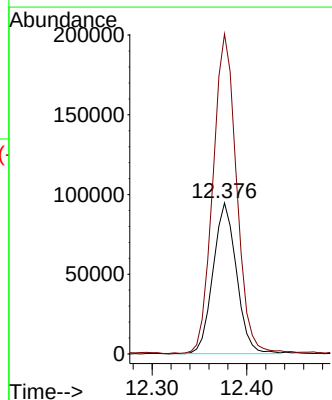
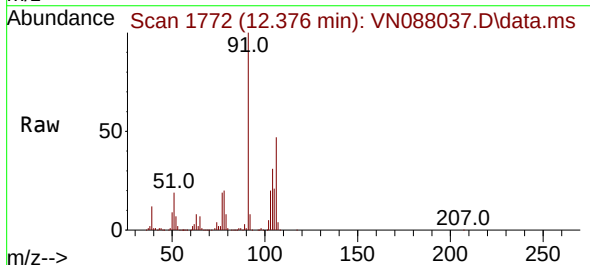
Manual Integrations
APPROVED

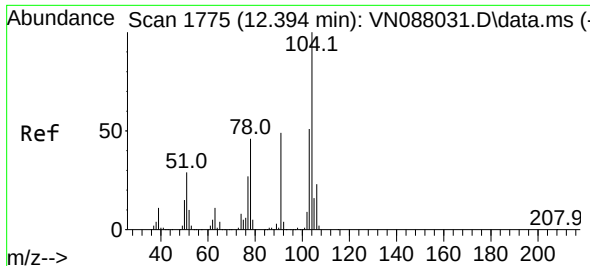
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#68
o-Xylene
Concen: 19.986 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

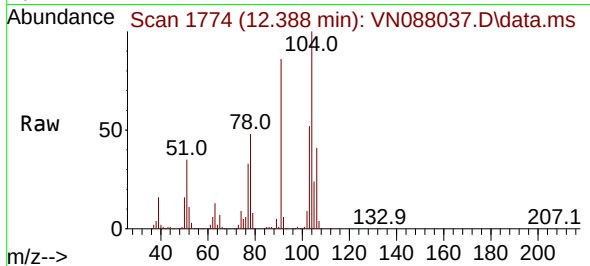
Tgt Ion:106 Resp: 161791
Ion Ratio Lower Upper
106 100
91 215.0 105.2 315.6





#69
Styrene
Concen: 19.849 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

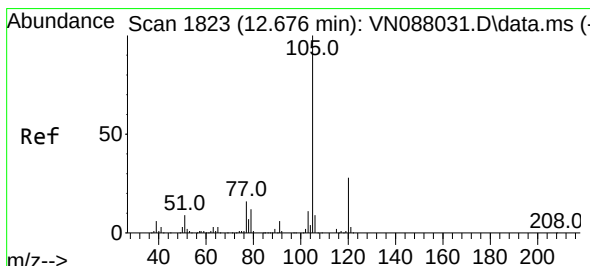
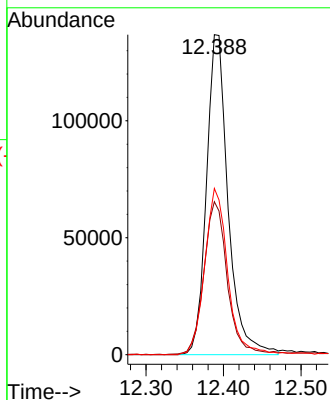
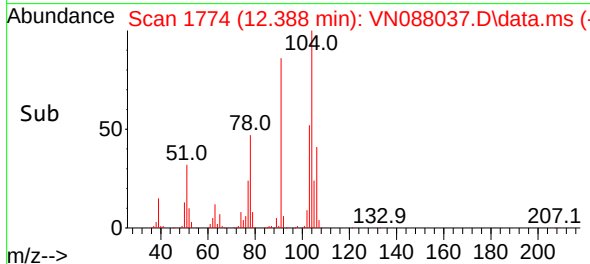
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



Tgt Ion:104 Resp: 265798
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.6
103 55.1 44.9 67.3

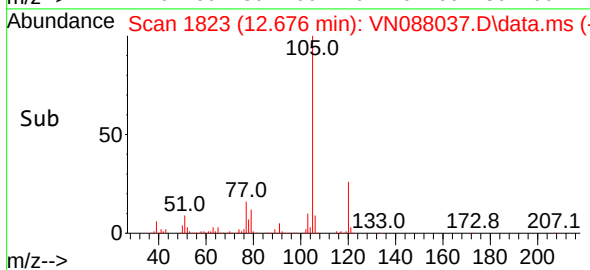
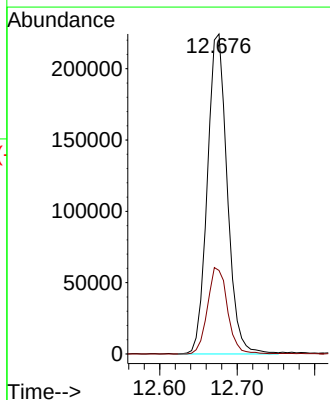
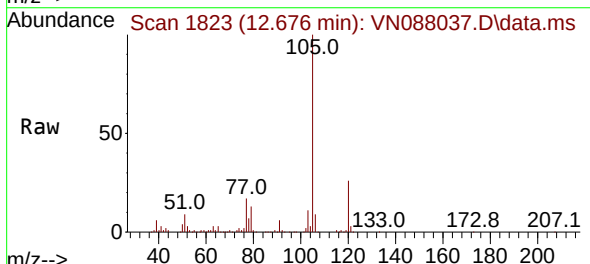
Manual Integrations
APPROVED

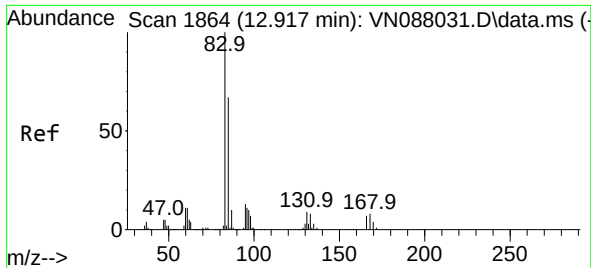
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#70
Isopropylbenzene
Concen: 20.169 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

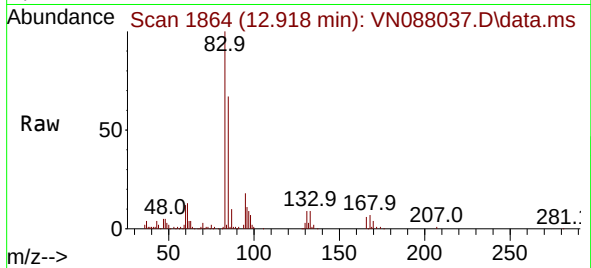
Tgt Ion:105 Resp: 400161
Ion Ratio Lower Upper
105 100
120 27.1 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.713 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

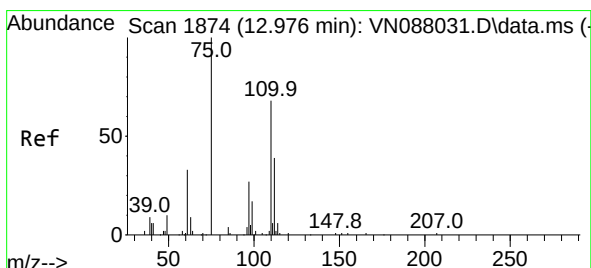
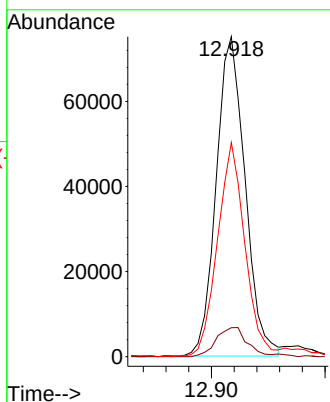
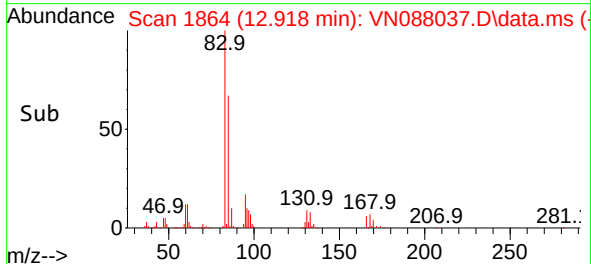
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



Tgt Ion: 83 Resp: 132602
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 63.8 32.4 97.2

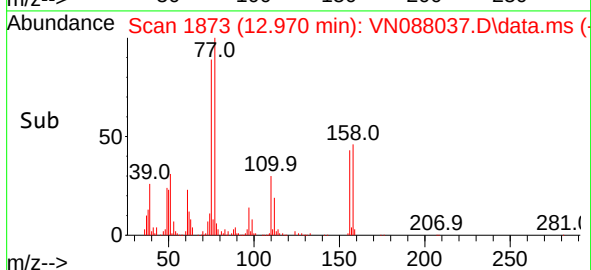
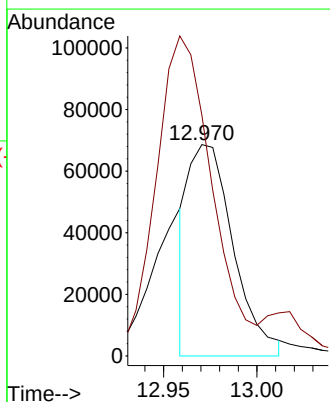
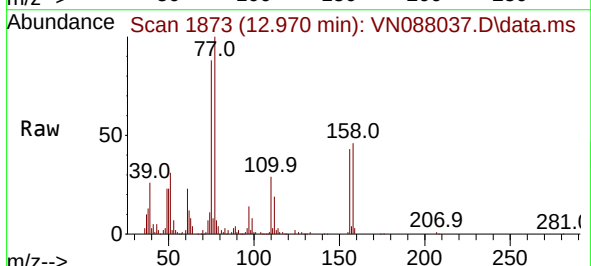
Manual Integrations
APPROVED

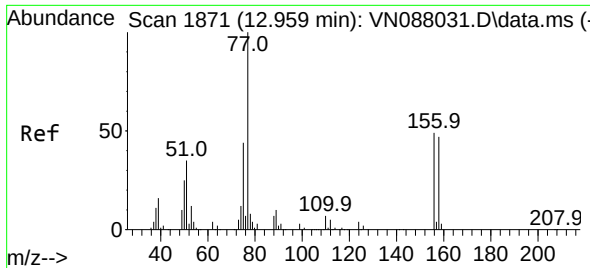
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#72
1,2,3-Trichloropropane
Concen: 18.299 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

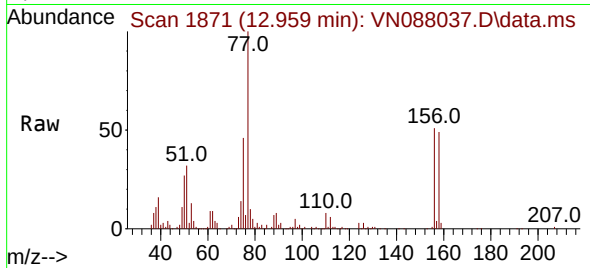
Tgt Ion: 75 Resp: 114316
Ion Ratio Lower Upper
75 100
77 188.8 0.0 364.0





#73
Bromobenzene
Concen: 20.501 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

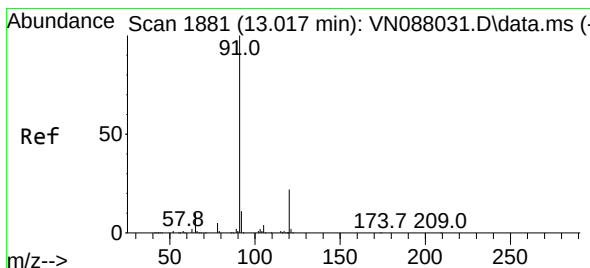
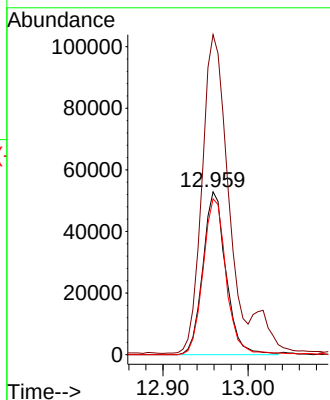
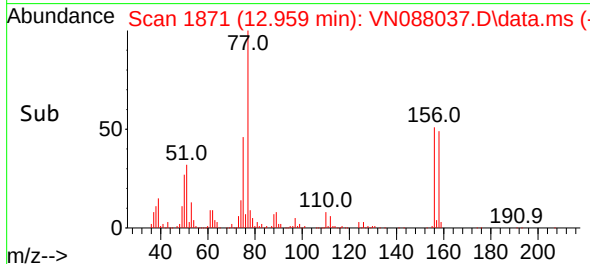
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



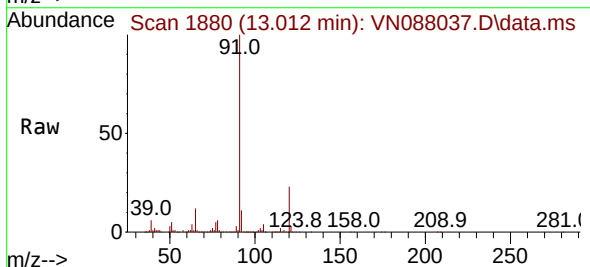
Tgt Ion:156 Resp: 99414
Ion Ratio Lower Upper
156 100
77 217.1 0.0 439.8
158 94.6 0.0 190.0

Manual Integrations
APPROVED

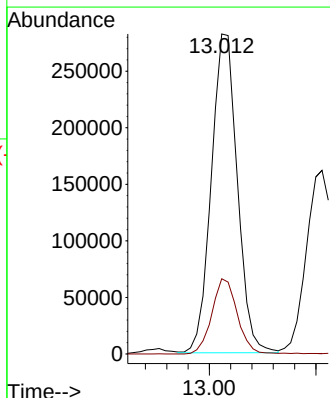
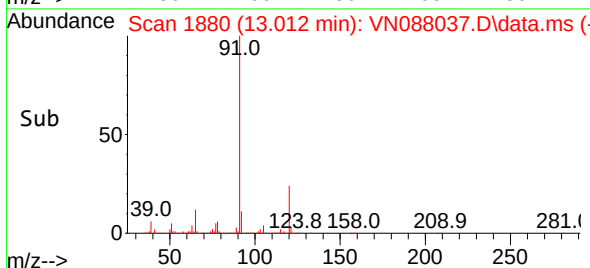
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

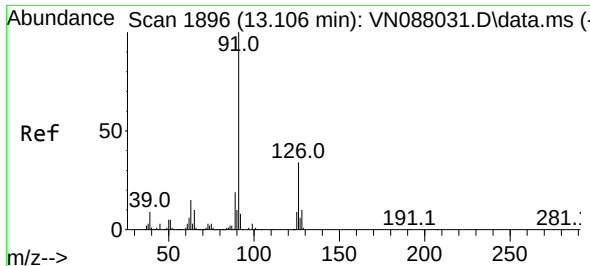


#74
n-propylbenzene
Concen: 19.978 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25



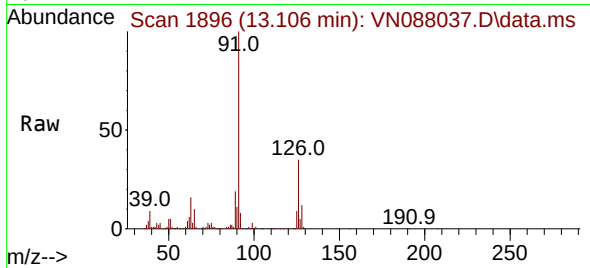
Tgt Ion: 91 Resp: 478501
Ion Ratio Lower Upper
91 100
120 23.0 0.0 46.2





#75
2-Chlorotoluene
Concen: 20.122 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

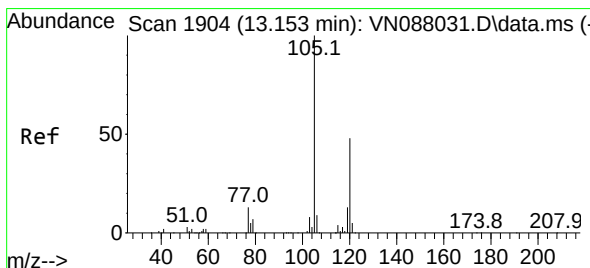
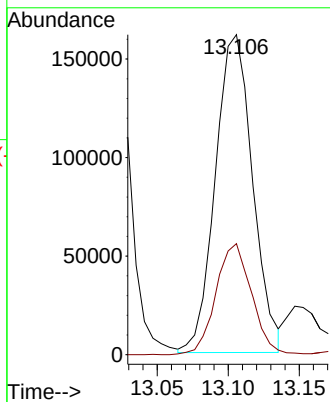
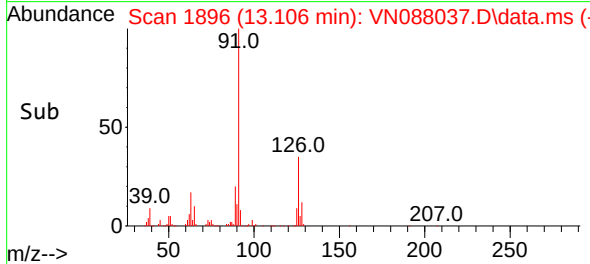
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



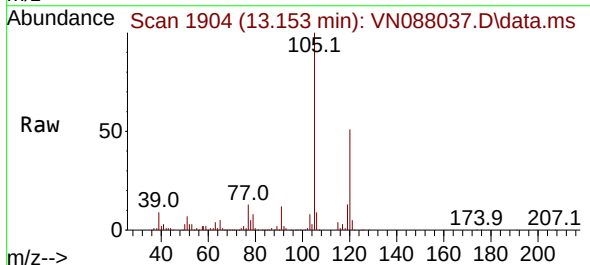
Tgt Ion: 91 Resp: 29468
Ion Ratio Lower Upper
91 100
126 33.4 0.0 66.6

Manual Integrations
APPROVED

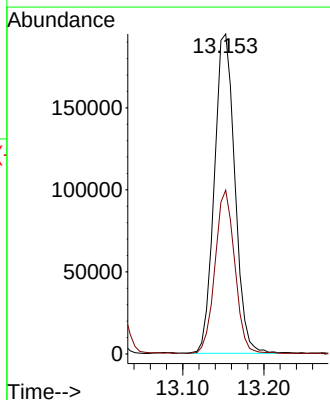
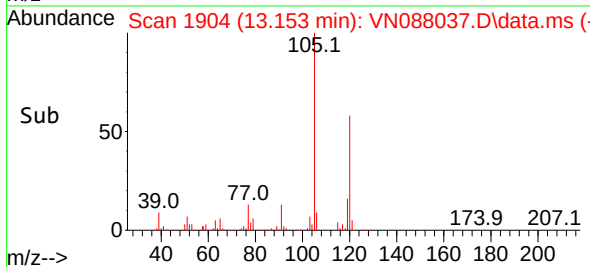
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

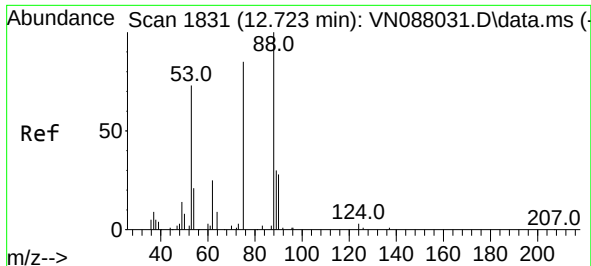


#76
1,3,5-Trimethylbenzene
Concen: 20.311 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25



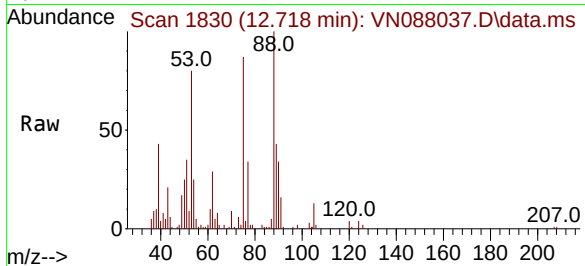
Tgt Ion:105 Resp: 342305
Ion Ratio Lower Upper
105 100
120 49.8 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 17.996 ug/l
RT: 12.718 min Scan# 1831
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

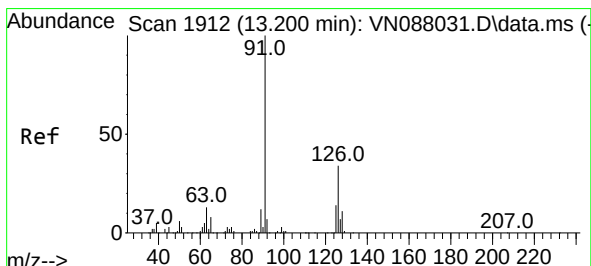
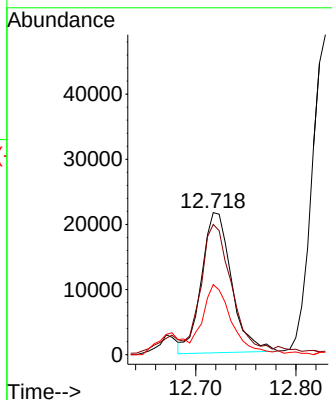
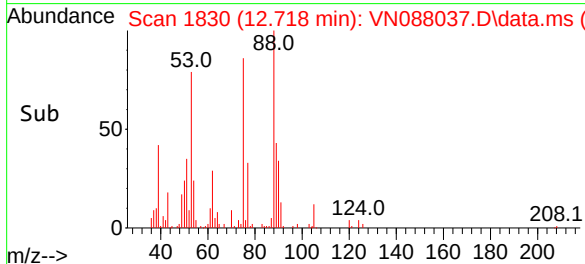
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



Tgt Ion: 75 Resp: 4480
Ion Ratio Lower Upper
75 100
53 88.2 41.8 125.3
89 47.8 19.9 59.6

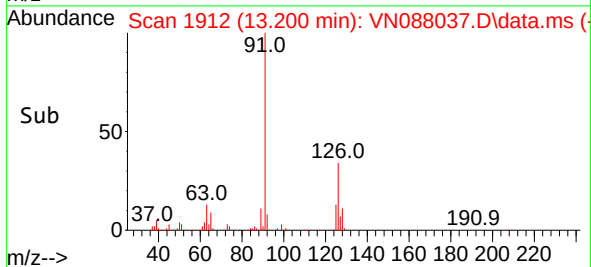
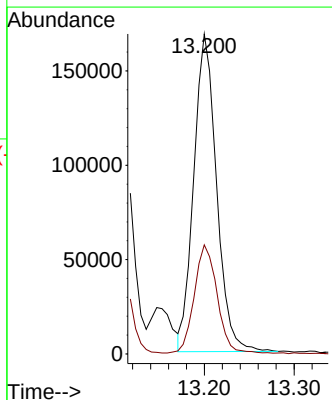
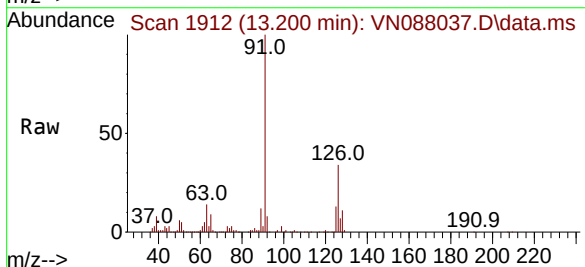
Manual Integrations
APPROVED

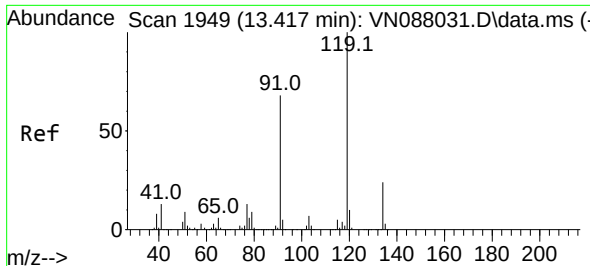
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#78
4-Chlorotoluene
Concen: 19.946 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

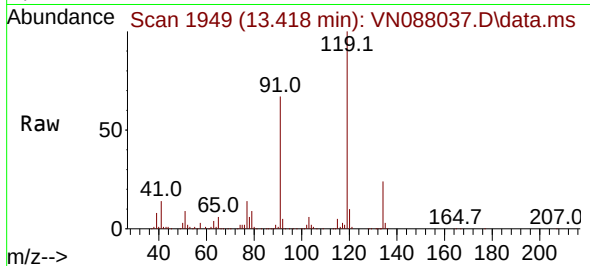
Tgt Ion: 91 Resp: 296772
Ion Ratio Lower Upper
91 100
126 35.1 0.0 68.8





#79
tert-butylbenzene
Concen: 20.499 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

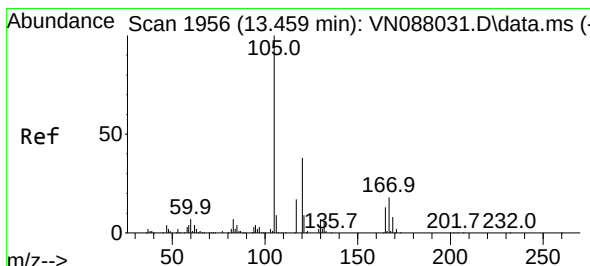
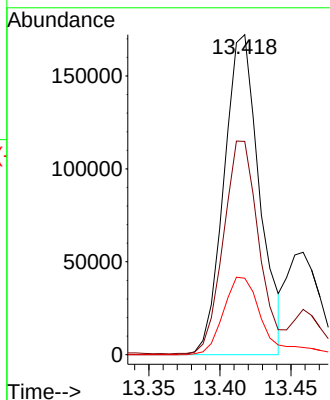
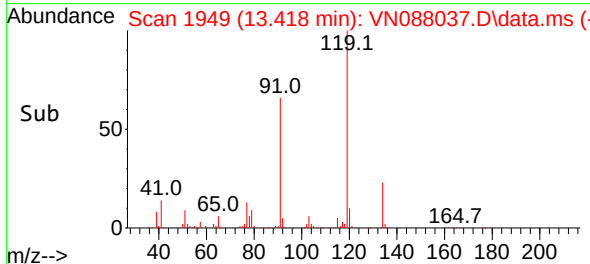
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



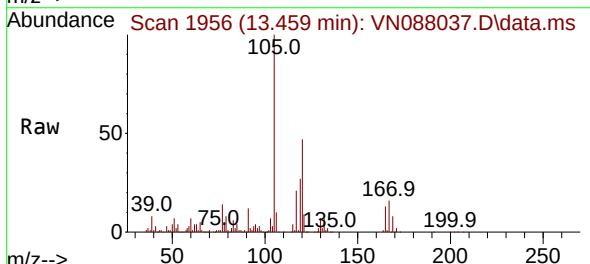
Tgt Ion:119 Resp: 29948
Ion Ratio Lower Upper
119 100
91 67.3 0.0 132.4
134 26.7 0.0 48.6

Manual Integrations
APPROVED

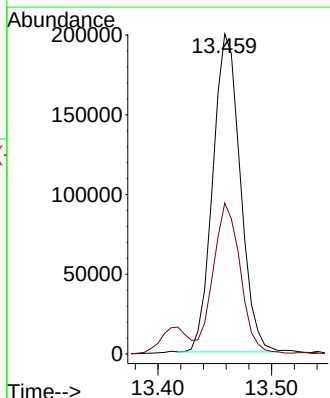
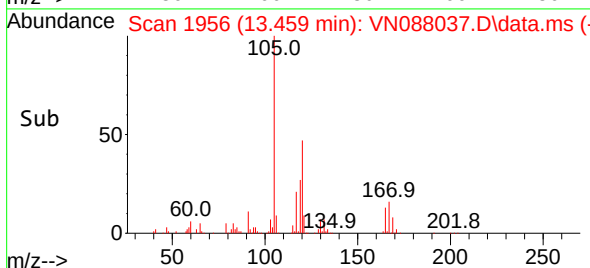
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

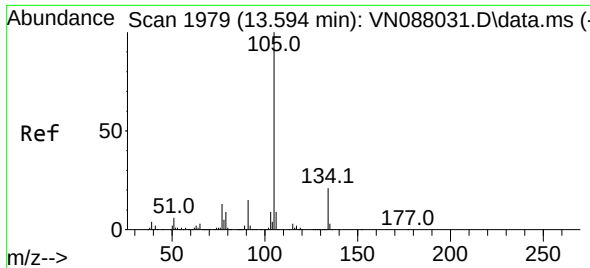


#80
1,2,4-Trimethylbenzene
Concen: 19.834 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25



Tgt Ion:105 Resp: 334632
Ion Ratio Lower Upper
105 100
120 47.1 0.0 93.8





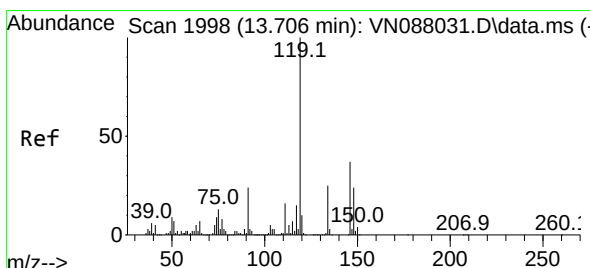
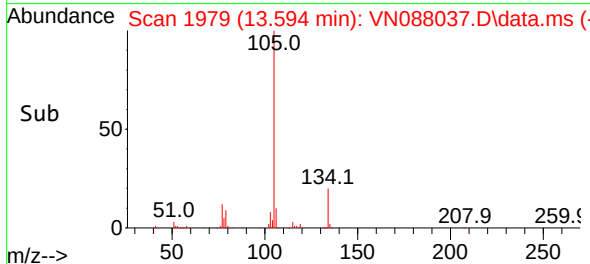
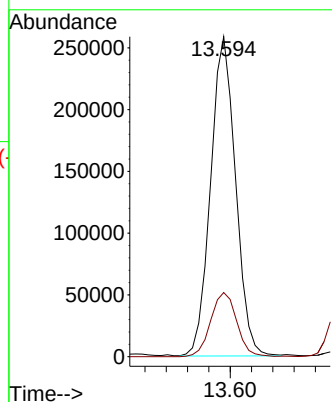
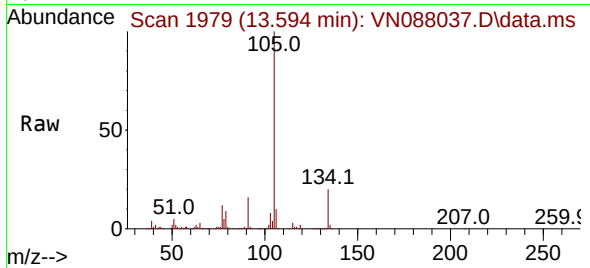
#81
 sec-Butylbenzene
 Concen: 20.443 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088037.D
 Acq: 08 Oct 2025 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS01

Tgt Ion:105 Resp: 419929
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 41.2

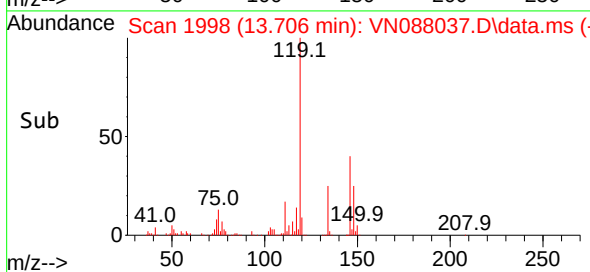
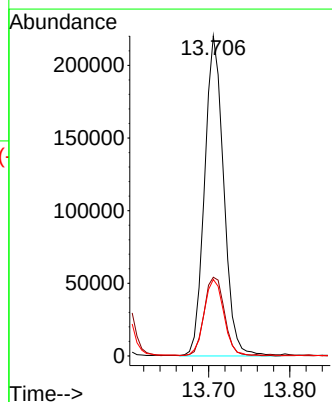
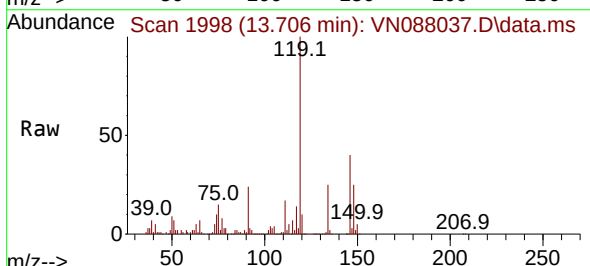
Manual Integrations
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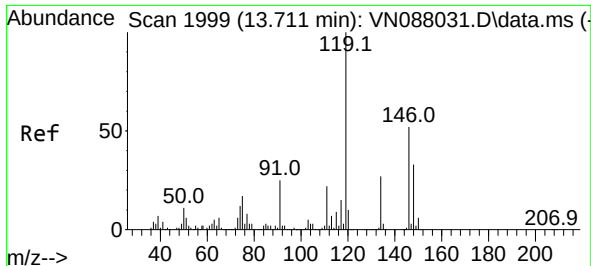
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#82
 p-Isopropyltoluene
 Concen: 20.548 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088037.D
 Acq: 08 Oct 2025 13:25

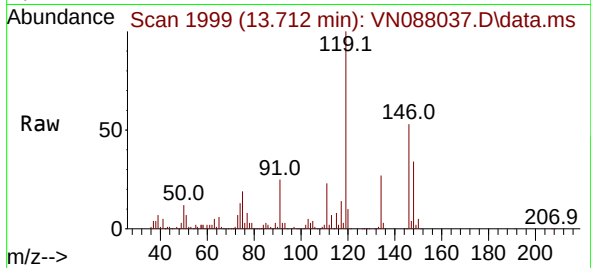
Tgt Ion:119 Resp: 360371
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.6
 91 24.2 0.0 48.2





#83
 1,3-Dichlorobenzene
 Concen: 20.116 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN088037.D
 Acq: 08 Oct 2025 13:25

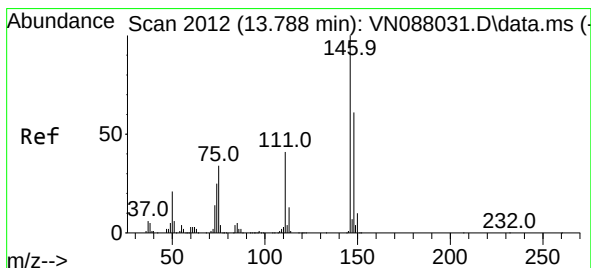
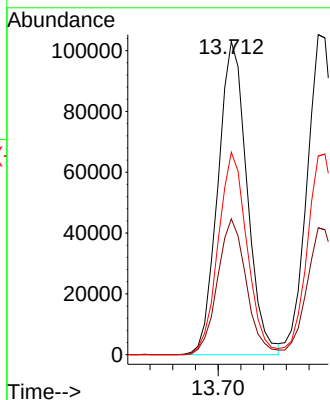
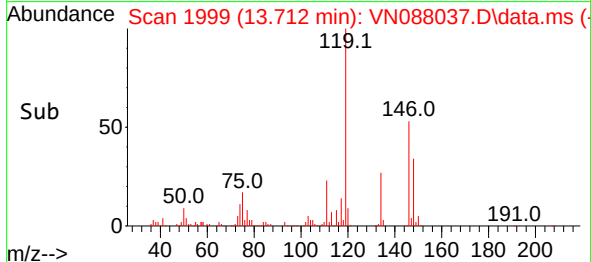
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS01



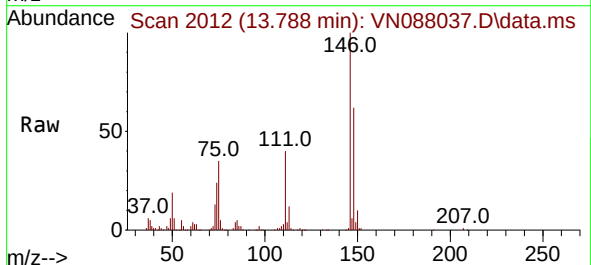
Tgt Ion:146 Resp: 183540
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.1 63.1
 148 64.1 31.5 94.5

Manual Integrations
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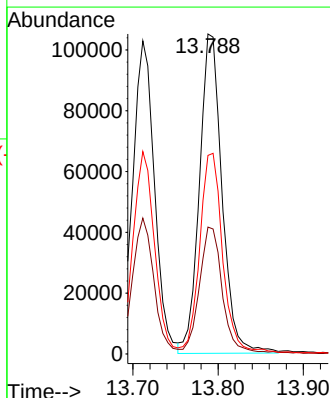
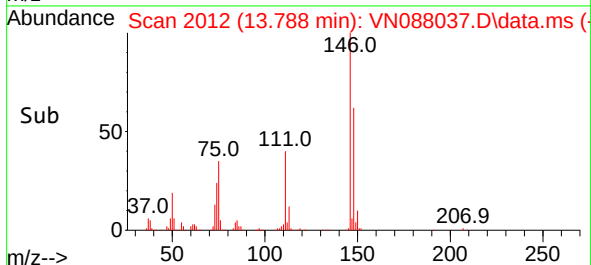
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025

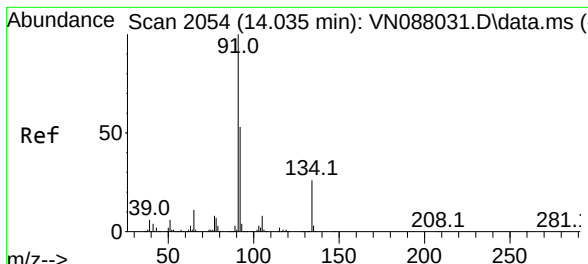


#84
 1,4-Dichlorobenzene
 Concen: 20.604 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN088037.D
 Acq: 08 Oct 2025 13:25



Tgt Ion:146 Resp: 193872
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.5 61.6
 148 60.4 31.9 95.9





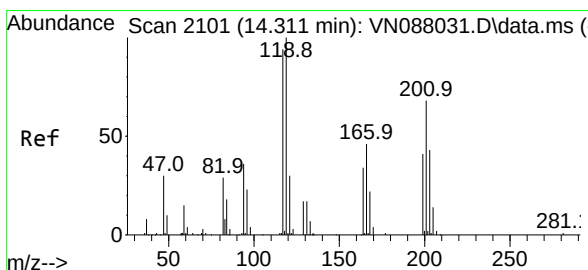
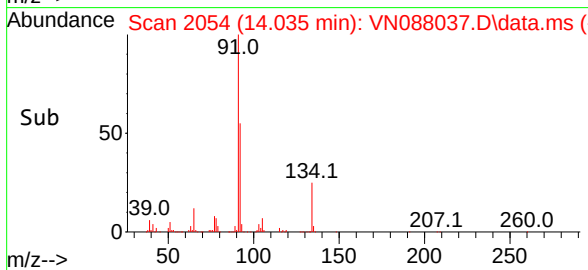
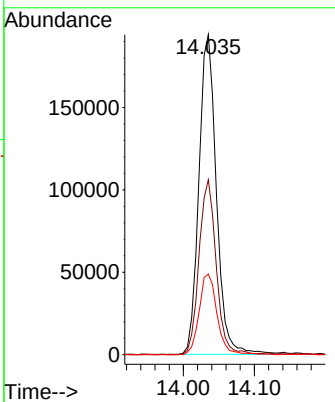
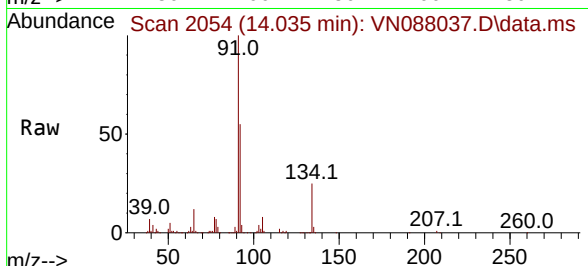
#85
 n-Butylbenzene
 Concen: 20.391 ug/l
 RT: 14.035 min Scan# 2054
 Delta R.T. 0.000 min
 Lab File: VN088037.D
 Acq: 08 Oct 2025 13:25

Instrument : MSVOA_N
 ClientSampleId : VN1008WBS01

Tgt Ion:	91	Resp:	332700
Ion Ratio	Lower	Upper	
91	100		
92	53.7	0.0	107.6
134	25.6	0.0	52.6

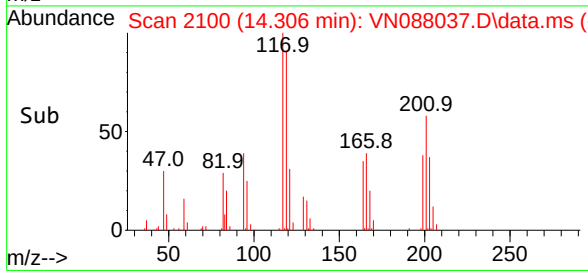
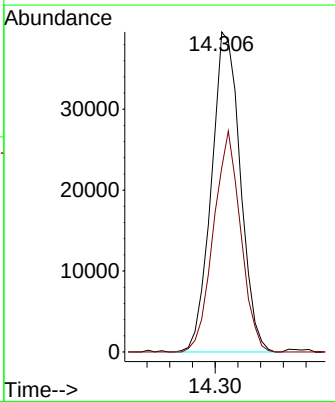
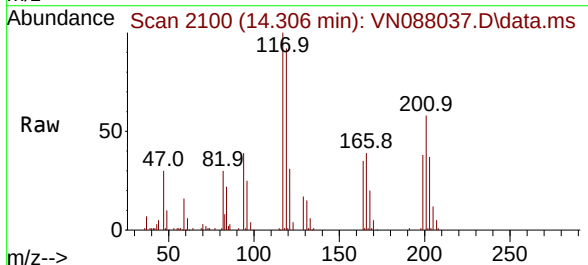
Manual Integrations
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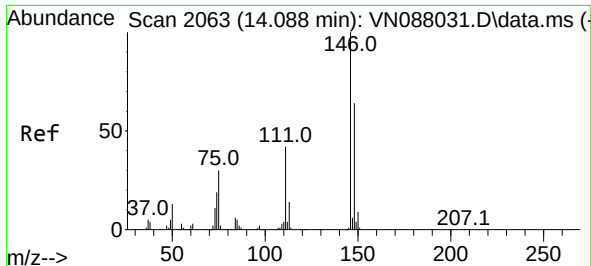
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#86
 Hexachloroethane
 Concen: 19.910 ug/l
 RT: 14.306 min Scan# 2100
 Delta R.T. -0.006 min
 Lab File: VN088037.D
 Acq: 08 Oct 2025 13:25

Tgt Ion:	117	Resp:	69948
Ion Ratio	Lower	Upper	
117	100		
201	64.8	34.8	104.3





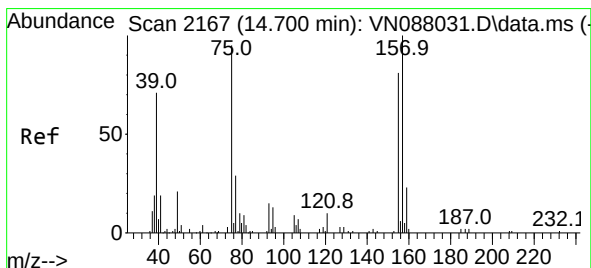
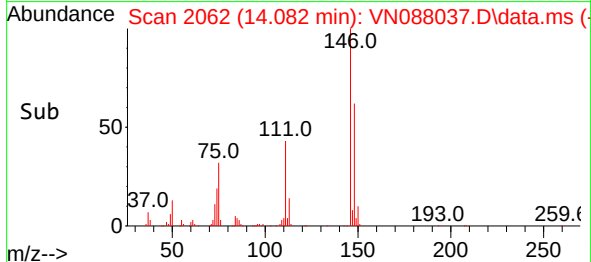
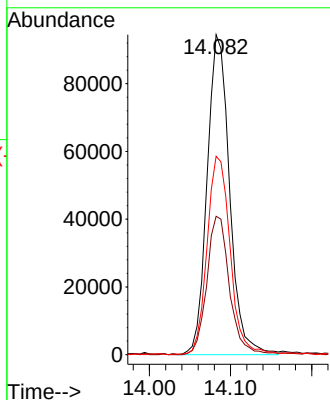
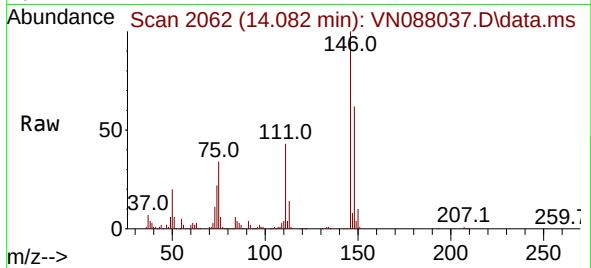
#87
1,2-Dichlorobenzene
Concen: 20.230 ug/l
RT: 14.082 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01

Tgt Ion:146 Resp: 18154
Ion Ratio Lower Upper
146 100
111 43.6 22.3 66.8
148 63.8 31.4 94.3

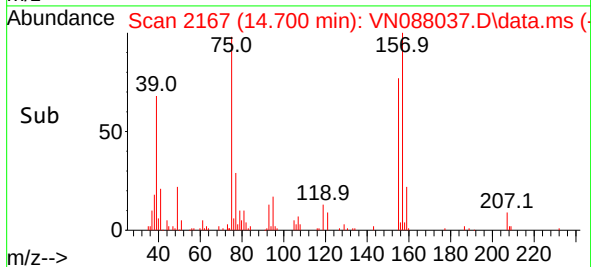
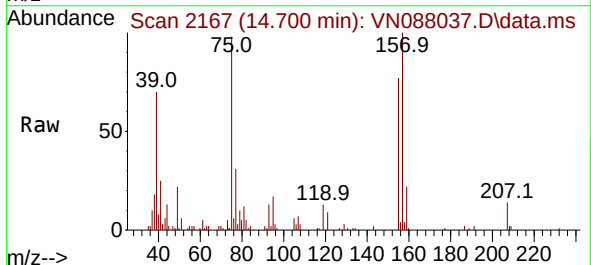
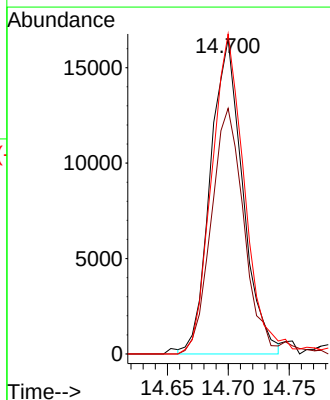
Manual Integrations
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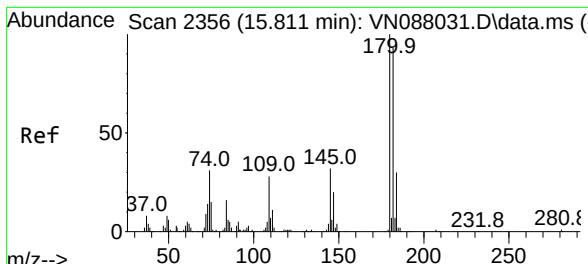
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.729 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

Tgt Ion: 75 Resp: 30478
Ion Ratio Lower Upper
75 100
155 78.7 63.5 95.3
157 103.6 81.7 122.5





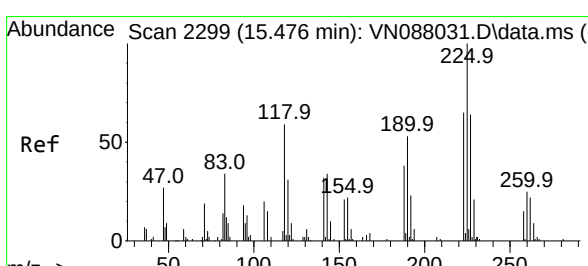
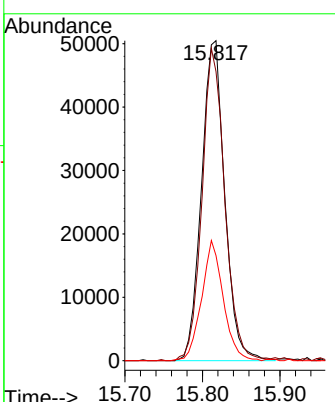
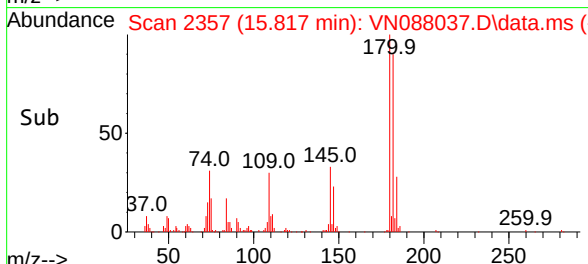
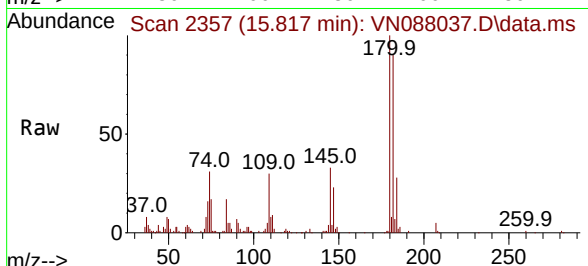
#89
 1,2,4-Trichlorobenzene
 Concen: 19.702 ug/l
 RT: 15.817 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN088037.D
 Acq: 08 Oct 2025 13:25

Instrument : MSVOA_N
 ClientSampleId : VN1008WBS01

Tgt Ion:	180	Resp:	105318
Ion Ratio	Lower	Upper	
180	100		
182	95.4	74.6	112.0
145	35.0	27.2	40.8

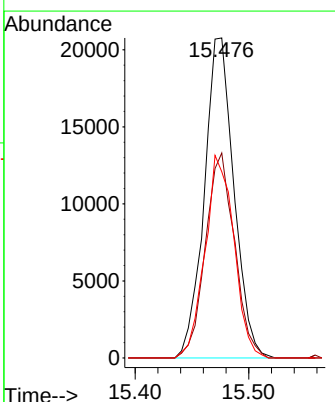
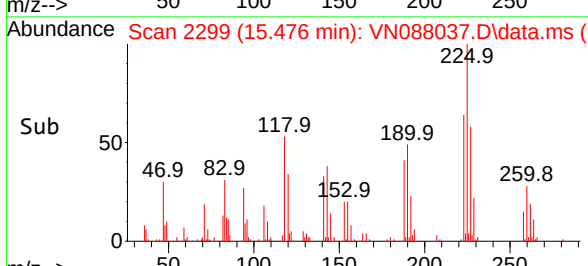
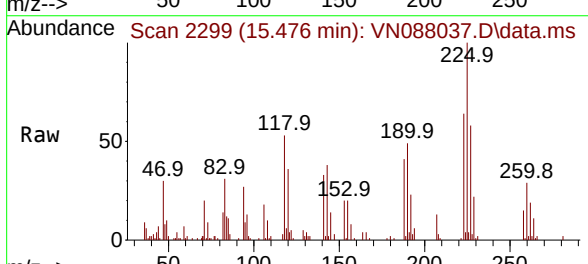
Manual Integrations
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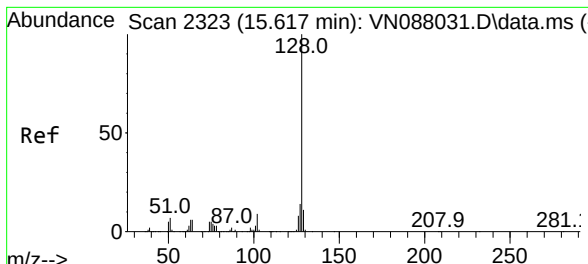
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#90
 Hexachlorobutadiene
 Concen: 20.246 ug/l
 RT: 15.476 min Scan# 2299
 Delta R.T. 0.000 min
 Lab File: VN088037.D
 Acq: 08 Oct 2025 13:25

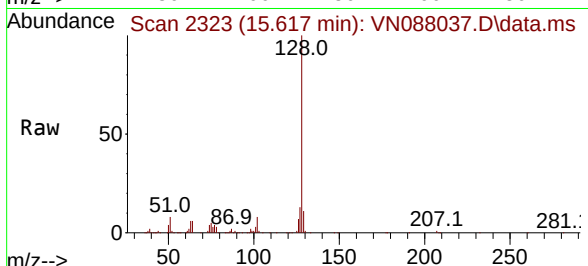
Tgt Ion:	225	Resp:	37666
Ion Ratio	Lower	Upper	
225	100		
223	62.9	0.0	129.6
227	61.7	0.0	132.2





#91
Naphthalene
Concen: 19.935 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25

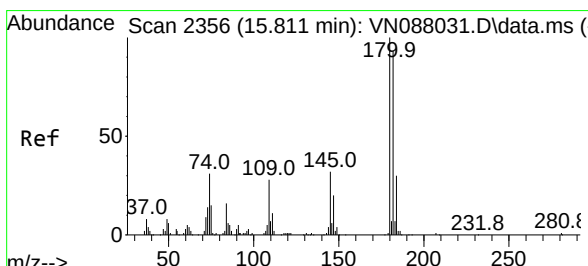
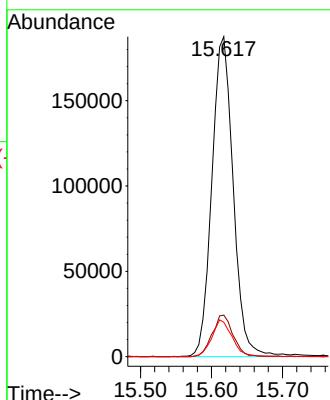
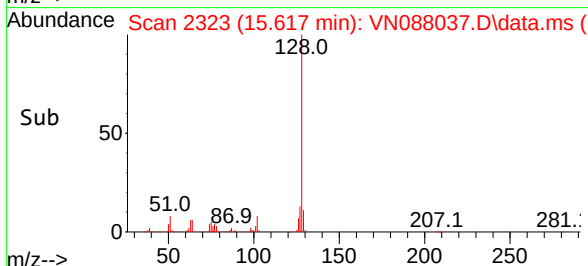
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBS01



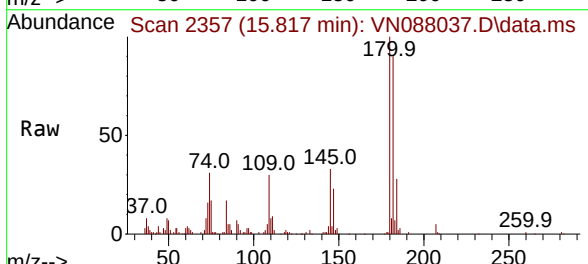
Tgt Ion:128 Resp: 390132
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.702 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN088037.D
Acq: 08 Oct 2025 13:25



Tgt Ion:180 Resp: 105318
Ion Ratio Lower Upper
180 100
182 95.4 0.0 186.6
145 35.0 0.0 68.0

