

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088036.D
 Acq On : 08 Oct 2025 12:52
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100825

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 02:40:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	71678	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	399537	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	349709	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	167135	29.945	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.800%		
60) 4-Bromofluorobenzene	12.829	95	172458	29.914	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.700%		
63) Toluene-d8	10.547	98	468600	30.075	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.267%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	82744	20.154	ug/l	95
3) Chloromethane	2.383	50	93360	20.058	ug/l	98
4) Vinyl Chloride	2.536	62	95282	19.632	ug/l	96
5) Bromomethane	2.977	94	57202	21.918	ug/l	99
6) Chloroethane	3.136	64	60278	18.828	ug/l	97
7) Trichlorofluoromethane	3.512	101	127893	19.378	ug/l	99
8) Diethyl Ether	3.965	74	55257	18.530	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	69948	19.799	ug/l	97
10) 1,1-Dichloroethene	4.336	96	73588	19.526	ug/l	98
11) Methyl Iodide	4.583	142	59897	17.244	ug/l	93
12) Methyl Acetate	5.012	43	112275	18.325	ug/l #	88
13) Acrolein	4.171	56	93925	99.064	ug/l #	7
14) Acrylonitrile	5.706	53	277894	93.988	ug/l	100
15) Acetone	4.430	58	77464m	89.462	ug/l	
16) Carbon Disulfide	4.706	76	233680	19.779	ug/l	97
17) Allyl chloride	5.006	41	134223	18.874	ug/l	95
18) Methylene Chloride	5.259	84	91812	19.167	ug/l	94
19) trans-1,2-Dichloroethene	5.777	96	84343	19.357	ug/l	94
20) Diisopropyl ether	6.659	45	308391	19.048	ug/l #	97
21) 1,1-Dichloroethane	6.547	63	160073	18.992	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	103897	19.048	ug/l	98
23) tert-Butyl Alcohol	5.518	59	111186	93.763	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	305027	18.751	ug/l	100
25) Chloroform	7.953	83	166302	19.120	ug/l	94
26) Cyclohexane	8.241	56	135705	19.433	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	111713	19.507	ug/l	98
30) 2-Butanone	7.471	43	383183	90.720	ug/l	100
31) 2,2-Dichloropropane	7.477	77	136899	18.552	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	138868	19.406	ug/l	100
33) Carbon Tetrachloride	8.341	117	117258	19.562	ug/l	93
34) Benzene	8.583	78	362455	19.081	ug/l	97
35) Methacrylonitrile	7.759	41	88280	19.875	ug/l	95
36) 1,2-Dichloroethane	8.653	62	127793	19.378	ug/l	100
37) Trichloroethene	9.336	130	86434	19.205	ug/l	95
38) Methylcyclohexane	9.583	83	139333	19.701	ug/l	99
39) 1,2-Dichloropropane	9.600	63	88633	18.608	ug/l	98
40) Dibromomethane	9.688	93	65564	18.910	ug/l	97
41) Bromodichloromethane	9.871	83	135709	19.165	ug/l	98
42) Vinyl Acetate	6.589	43	1445002	100.422	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	156744	19.305	ug/l	96
44) Isopropyl Acetate	8.671	43	246443	18.583	ug/l	93
45) 1,4-Dioxane	9.677	88	36239	410.874	ug/l	92
46) Methyl methacrylate	9.665	41	109997	18.835	ug/l	98
47) n-amyl Acetate	12.618	43	128465m	20.438	ug/l	
48) t-1,3-Dichloropropene	10.818	75	145368	18.462	ug/l	96
49) cis-1,3-Dichloropropene	10.288	75	153293	18.663	ug/l	95
50) 1,1,2-Trichloroethane	10.994	97	85732	18.672	ug/l	97
51) Ethyl methacrylate	10.859	69	146337	18.832	ug/l	97
52) 1,3-Dichloropropane	11.141	76	152014	18.977	ug/l	100
53) Dibromochloromethane	11.335	129	103530	18.861	ug/l	99
54) 1,2-Dibromoethane	11.447	107	91960	18.734	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	416502	99.302	ug/l	100
56) Bromoform	12.559	173	68875	18.560	ug/l	99
58) 4-Methyl-2-Pentanone	10.424	43	758466	96.964	ug/l	99
59) 2-Hexanone	11.177	43	483068	93.537	ug/l	99
61) Tetrachloroethene	11.082	164	71033	20.058	ug/l	97
62) Toluene	10.606	91	386375	19.478	ug/l	98
64) Chlorobenzene	11.871	112	244551	19.301	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	85260	19.526	ug/l	97
66) Ethyl Benzene	11.941	91	429071	19.892	ug/l	97
67) m/p-Xylenes	12.047	106	324024	38.967	ug/l	99
68) o-Xylene	12.377	106	165214	19.959	ug/l	99
69) Styrene	12.388	104	265810	19.412	ug/l	97
70) Isopropylbenzene	12.676	105	398248	19.630	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	131239	19.080	ug/l	99
72) 1,2,3-Trichloropropane	12.971	75	127895m	20.021	ug/l	
73) Bromobenzene	12.959	156	95991	19.358	ug/l	99
74) n-propylbenzene	13.012	91	477849	19.511	ug/l	100
75) 2-Chlorotoluene	13.106	91	293367	19.590	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	338338	19.632	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	45124	17.725	ug/l	92
78) 4-Chlorotoluene	13.200	91	304451	20.011	ug/l	96
79) tert-butylbenzene	13.418	119	300216	20.095	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	334037	19.362	ug/l	99
81) sec-Butylbenzene	13.594	105	420608	20.024	ug/l	99
82) p-Isopropyltoluene	13.706	119	357698	19.946	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	182636	19.575	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	189713	19.717	ug/l	97
85) n-Butylbenzene	14.035	91	325855	19.531	ug/l	98
86) Hexachloroethane	14.312	117	68552	19.082	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	180967	19.720	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	29181	18.472	ug/l	95
89) 1,2,4-Trichlorobenzene	15.812	180	104369	19.094	ug/l	97
90) Hexachlorobutadiene	15.476	225	37798	19.868	ug/l	96
91) Naphthalene	15.612	128	381643	19.071	ug/l	100
92) 1,2,3-Trichlorobenzene	15.812	180	104369	19.094	ug/l	97

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

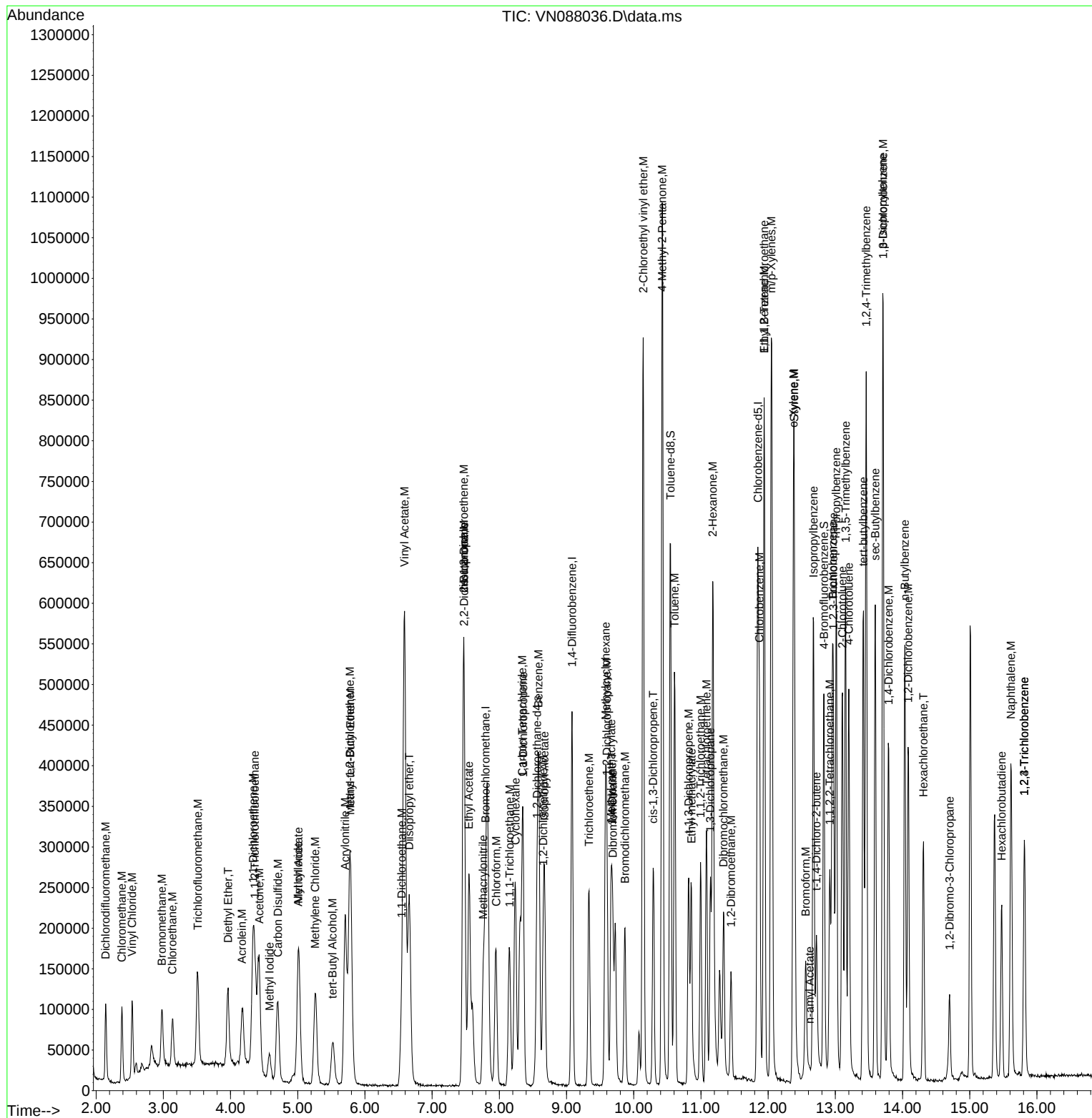
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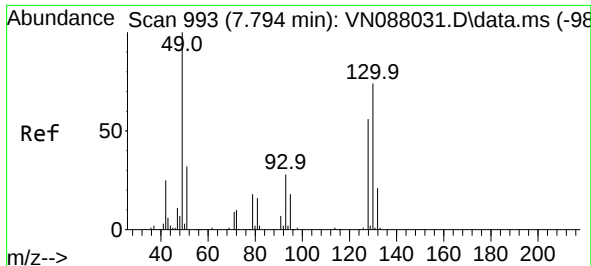
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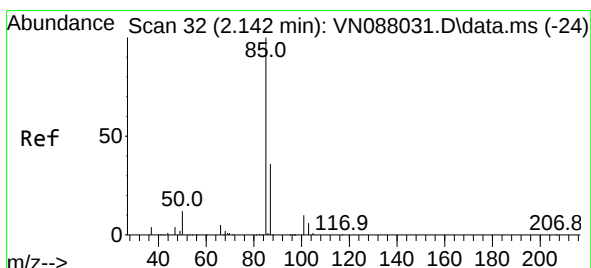
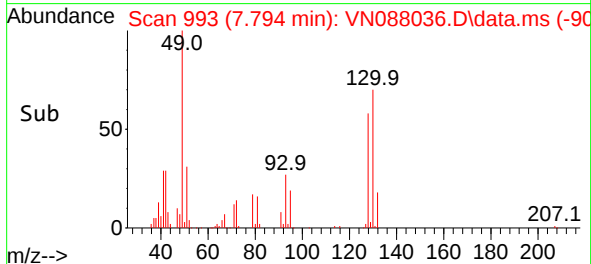
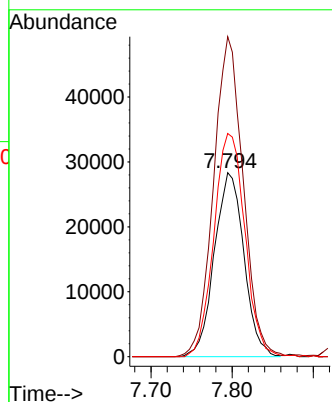
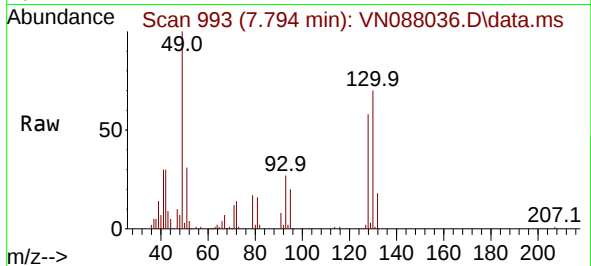
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088036.D
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Tgt Ion:128 Resp: 71678
Ion Ratio Lower Upper
128 100
49 174.2 0.0 439.8
130 127.2 0.0 325.8

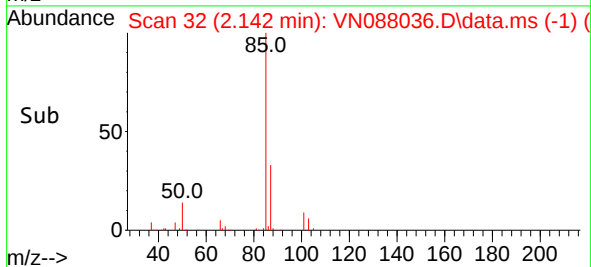
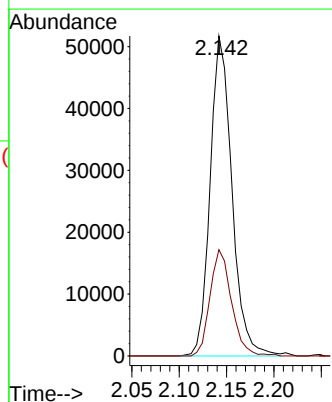
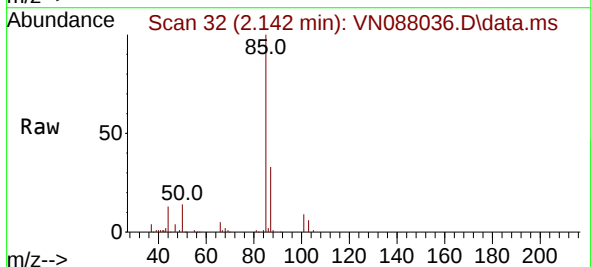
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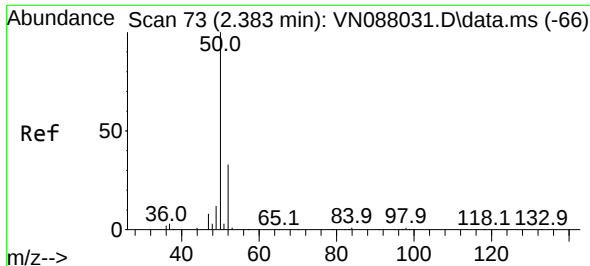
Reviewed By :John Carlone 10/09/2025
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#2
Dichlorodifluoromethane
Concen: 20.154 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

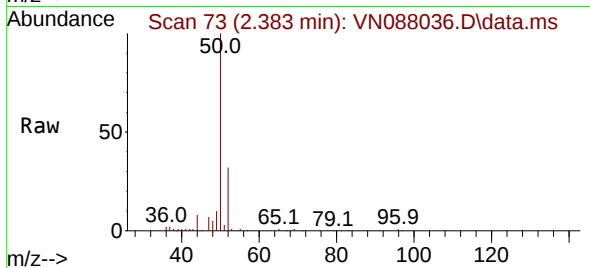
Tgt Ion: 85 Resp: 82744
Ion Ratio Lower Upper
85 100
87 33.2 17.9 53.8





#3
Chloromethane
Concen: 20.058 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

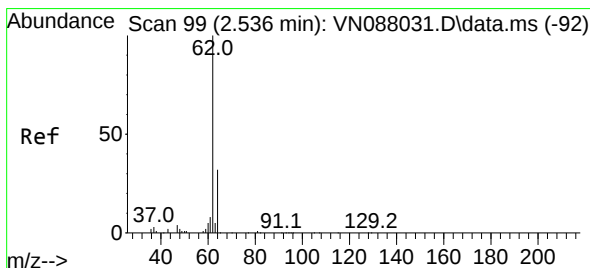
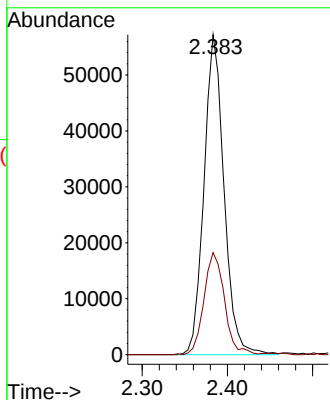
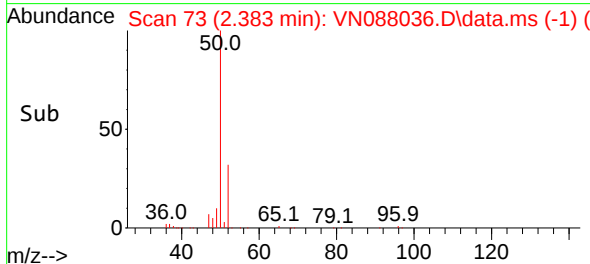
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Tgt Ion: 50 Resp: 93360
Ion Ratio Lower Upper
50 100
52 31.6 26.3 39.5

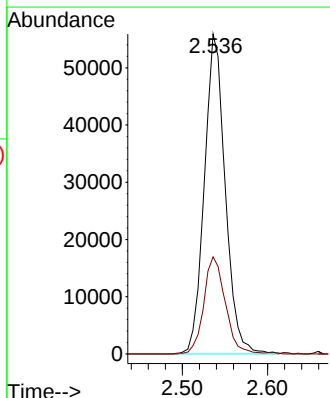
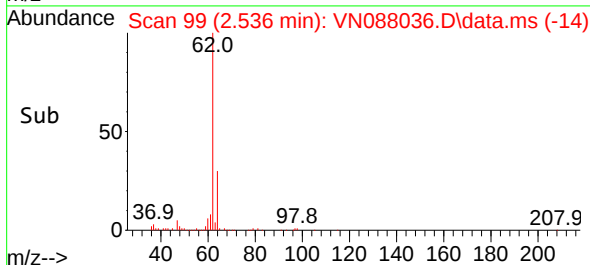
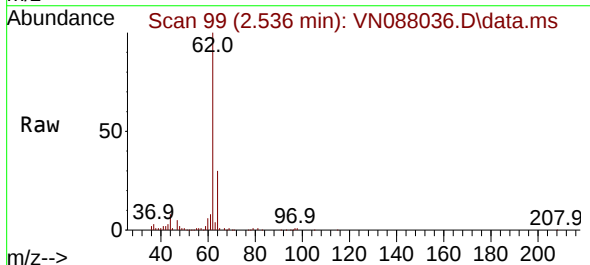
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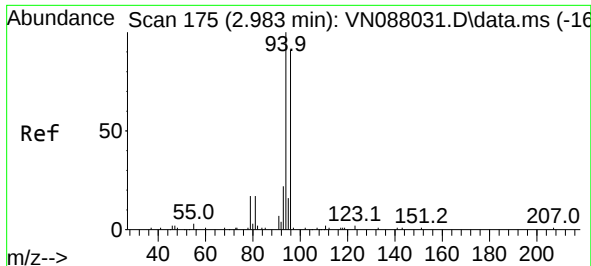
Reviewed By :John Carlone 10/09/2025
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#4
Vinyl Chloride
Concen: 19.632 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

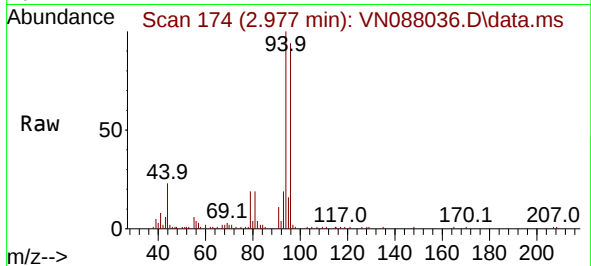
Tgt Ion: 62 Resp: 95282
Ion Ratio Lower Upper
62 100
64 30.0 25.7 38.5





#5
Bromomethane
Concen: 21.918 ug/l
RT: 2.977 min Scan# 175
Delta R.T. -0.006 min
Lab File: VN088036.D
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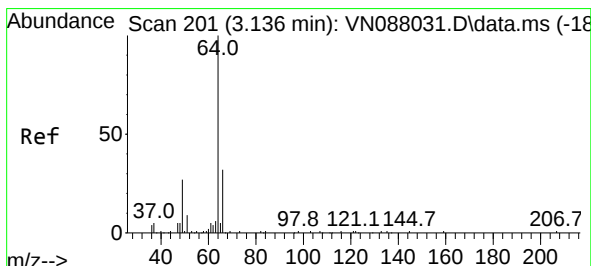
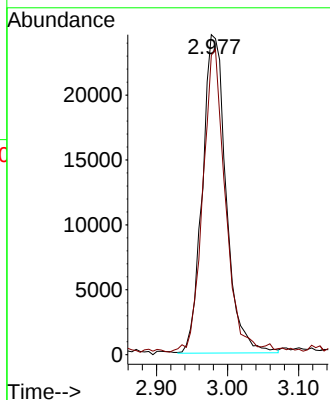
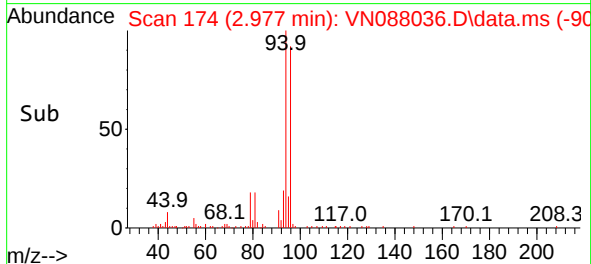
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Tgt Ion: 94 Resp: 5720
Ion Ratio Lower Upper
94 100
96 92.3 73.0 109.4

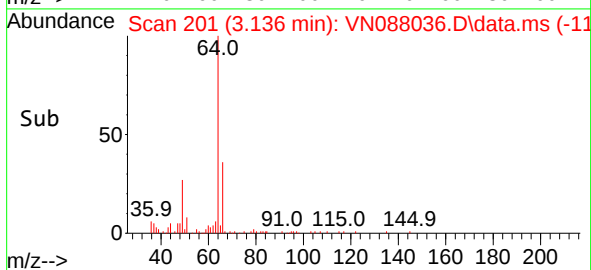
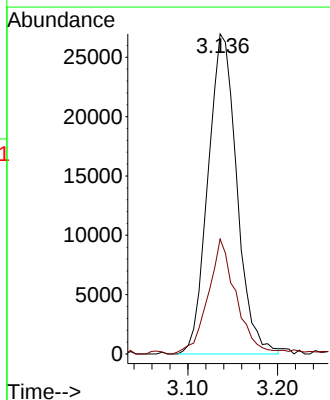
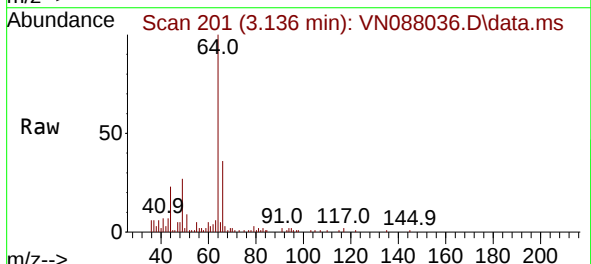
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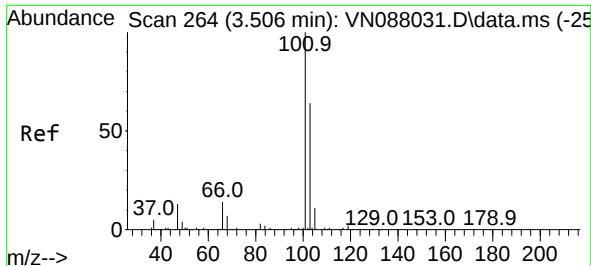
Reviewed By :John Carlone 10/09/2025
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#6
Chloroethane
Concen: 18.828 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN088036.D
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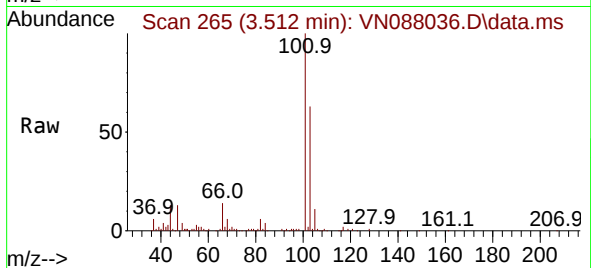
Tgt Ion: 64 Resp: 60278
Ion Ratio Lower Upper
64 100
66 35.2 26.8 40.2





#7
 Trichlorofluoromethane
 Concen: 19.378 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.006 min
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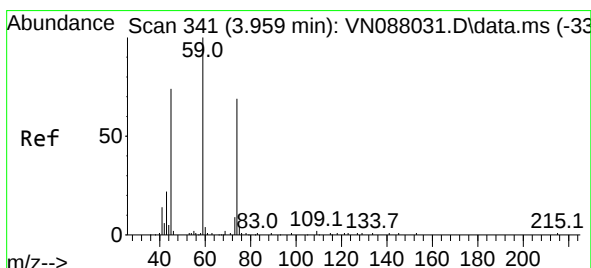
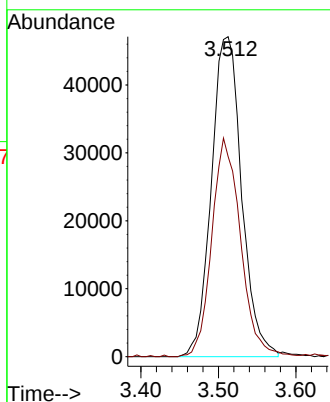
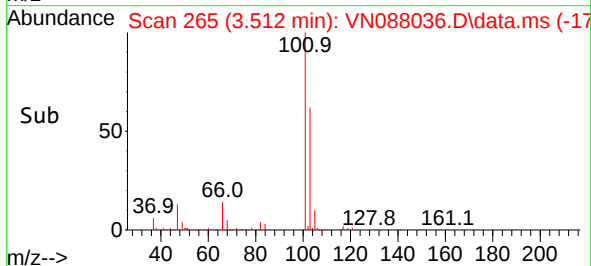
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Tgt Ion: 101 Resp: 12789
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.0 76.4

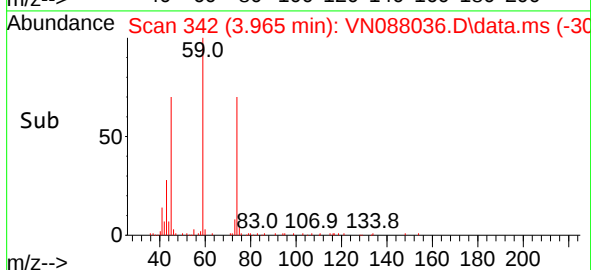
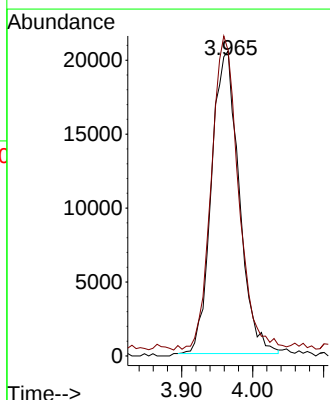
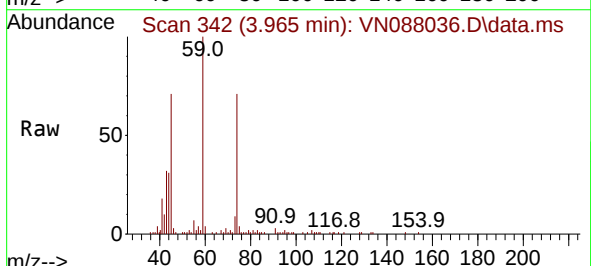
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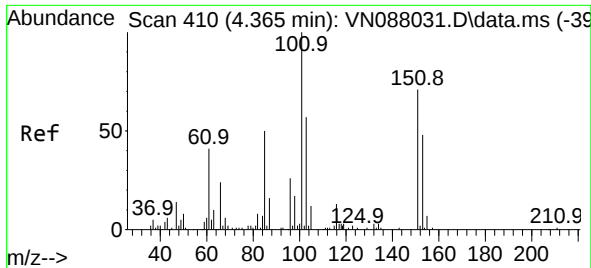
Reviewed By :John Carlone 10/09/2025
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#8
 Diethyl Ether
 Concen: 18.530 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 55257
 Ion Ratio Lower Upper
 74 100
 45 102.0 20.4 183.8





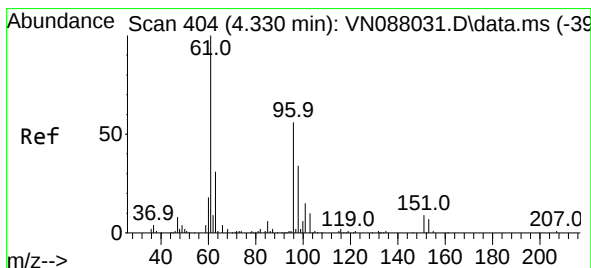
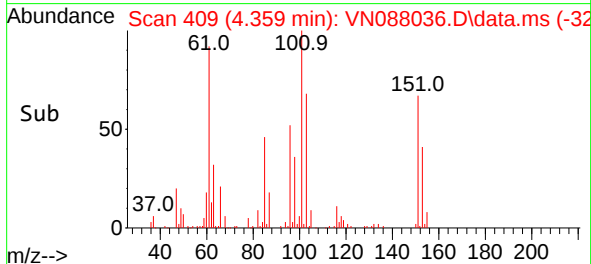
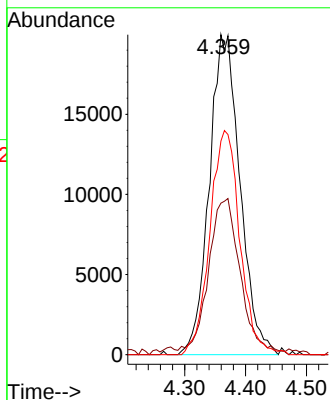
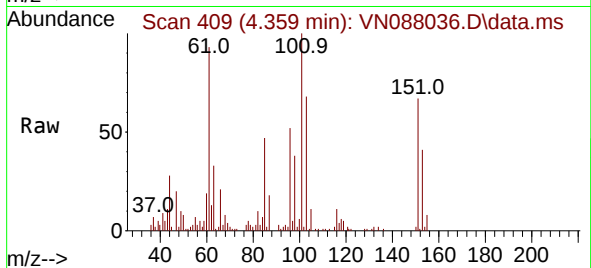
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1,1,2-Trichlorotrifluoroethane
Concen: 19.799 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN088036.D
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MSVOA_N
ClientSampleId :
ICVVN100825

Tgt Ion:101 Resp: 6994
Ion Ratio Lower Upper
101 100
85 48.7 0.0 103.2
151 68.3 0.0 141.4

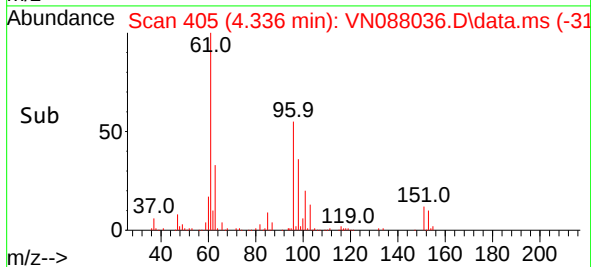
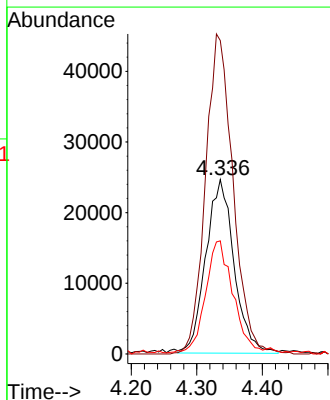
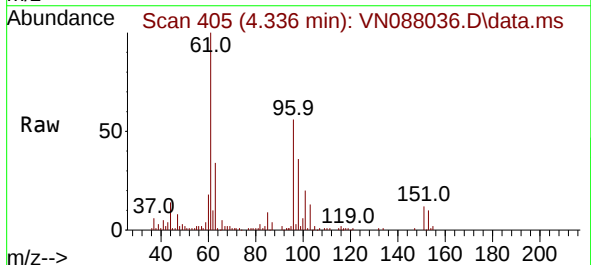
Manual Integrations
APPROVED

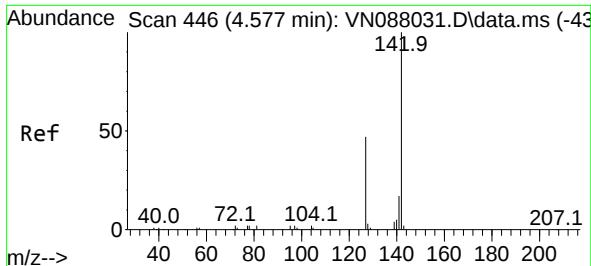
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#10
1,1-Dichloroethene
Concen: 19.526 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

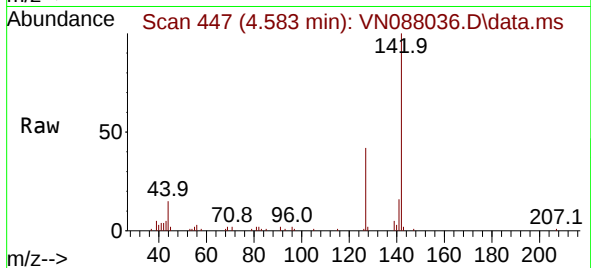
Tgt Ion: 96 Resp: 73588
Ion Ratio Lower Upper
96 100
61 181.4 144.1 216.1
98 64.4 49.0 73.6





#11
Methyl Iodide
Concen: 17.244 ug/l
RT: 4.583 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

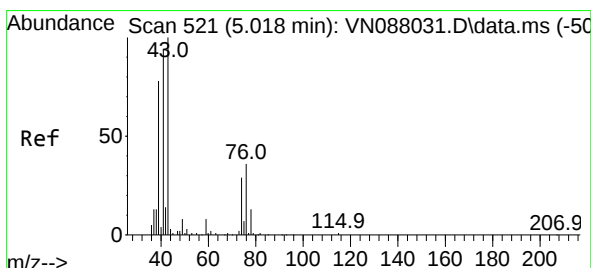
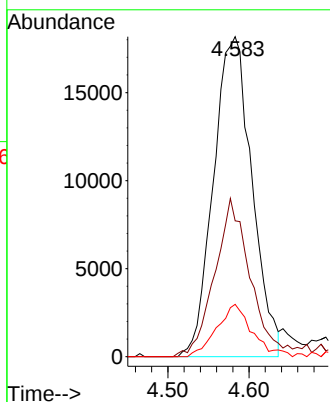
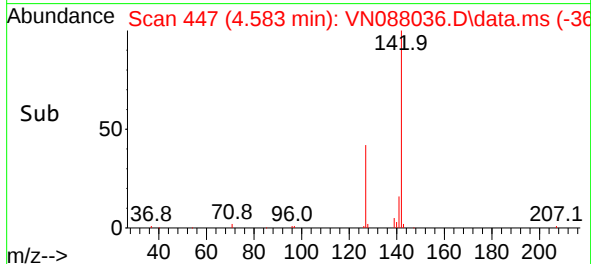
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion:142 Resp: 5989
Ion Ratio Lower Upper
142 100
127 41.4 23.4 70.3
141 15.9 8.8 26.2

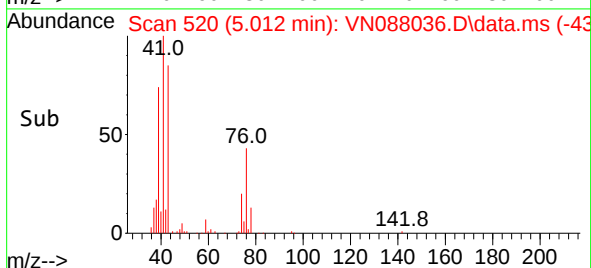
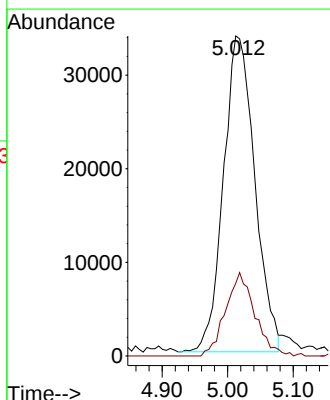
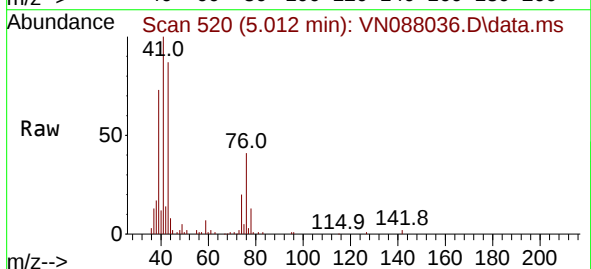
Manual Integrations
APPROVED

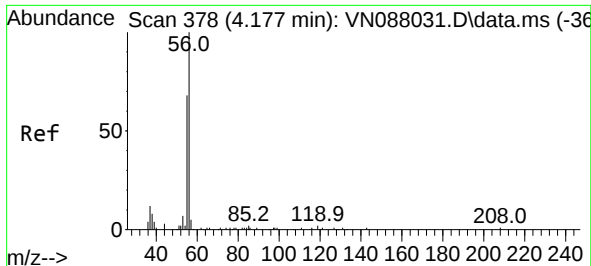
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#12
Methyl Acetate
Concen: 18.325 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

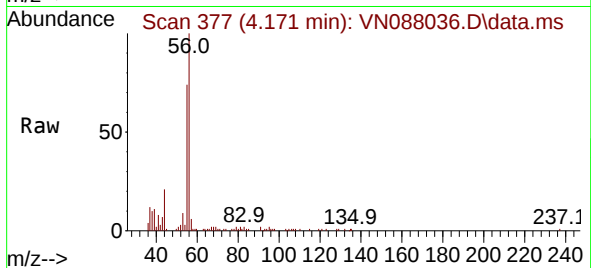
Tgt Ion: 43 Resp: 112275
Ion Ratio Lower Upper
43 100
74 22.5 23.3 34.9#





#13
Acrolein
Concen: 99.064 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

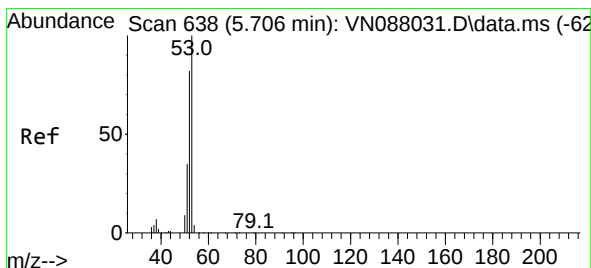
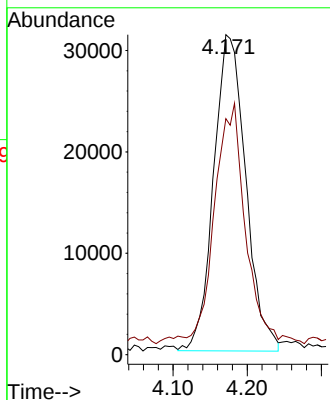
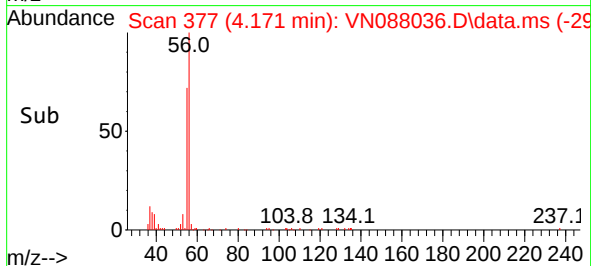
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



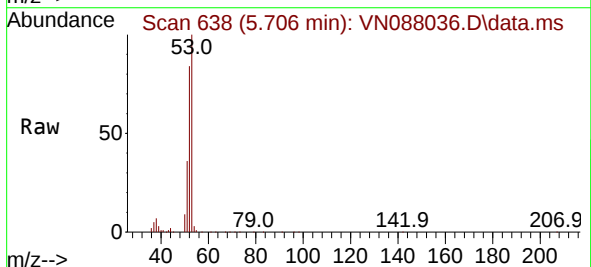
Tgt Ion: 56 Resp: 93925
Ion Ratio Lower Upper
56 100
55 70.1 0.3 0.5

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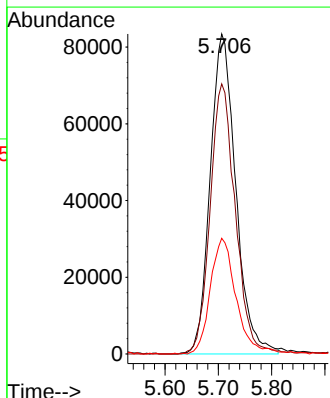
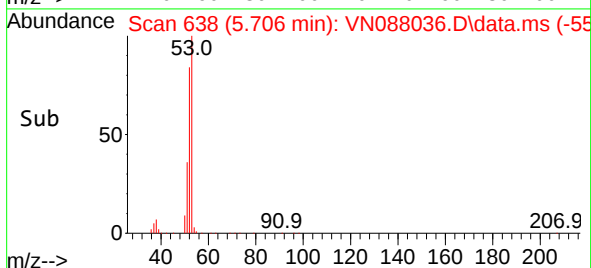
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

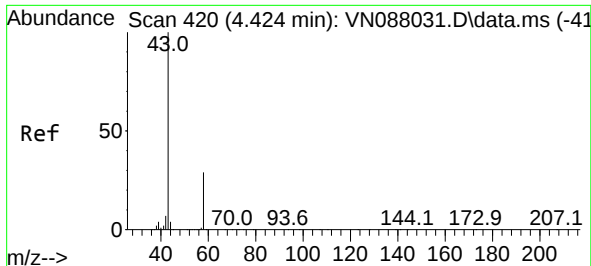


#14
Acrylonitrile
Concen: 93.988 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52



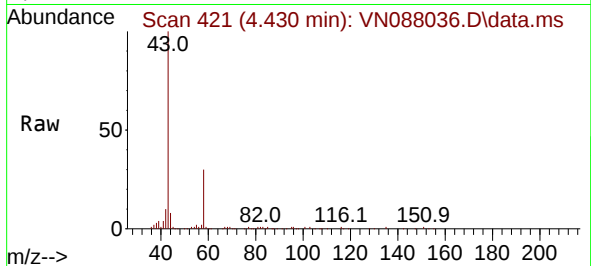
Tgt Ion: 53 Resp: 277894
Ion Ratio Lower Upper
53 100
52 82.8 41.3 124.1
51 35.6 18.0 54.0





#15
Acetone
Concen: 89.462 ug/l m
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

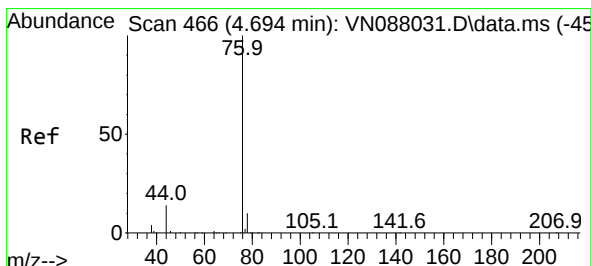
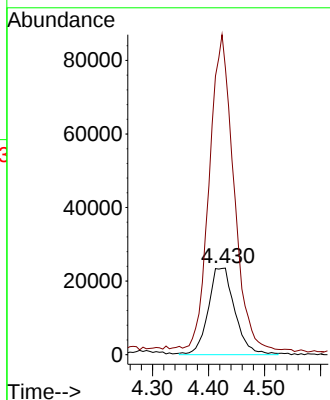
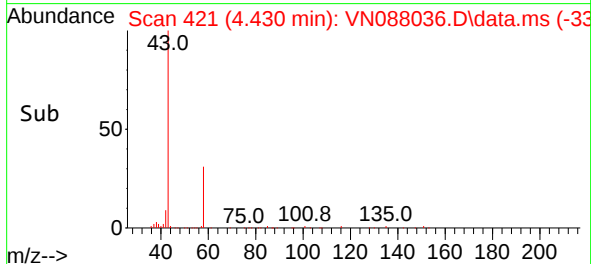
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



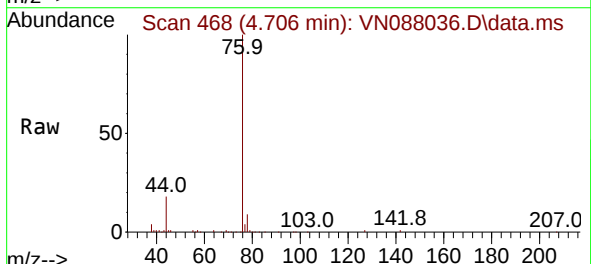
Tgt Ion: 58 Resp: 77464
Ion Ratio Lower Upper
58 100
43 331.1 282.6 424.0

Manual Integrations
APPROVED

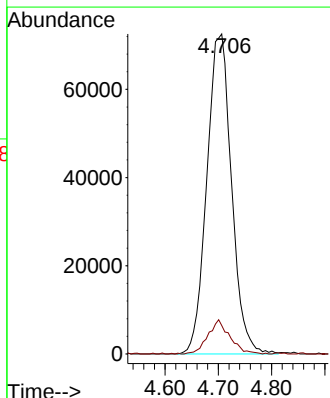
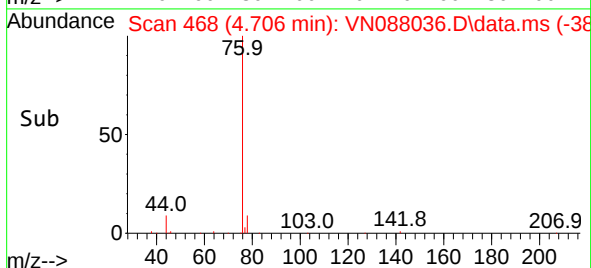
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

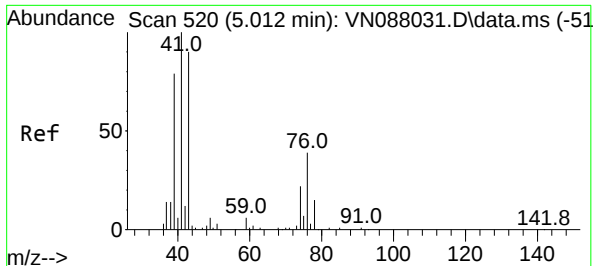


#16
Carbon Disulfide
Concen: 19.779 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.012 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52



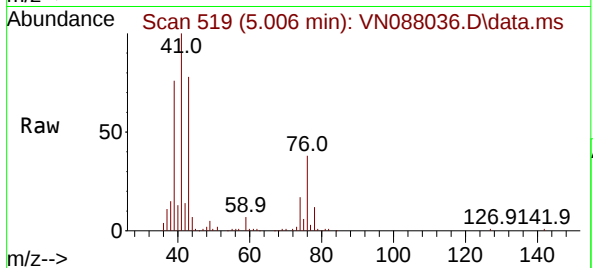
Tgt Ion: 76 Resp: 233680
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8





#17
 Allyl chloride
 Concen: 18.874 ug/l
 RT: 5.006 min Scan# 519
 Delta R.T. -0.006 min
 Lab File: VN088036.D
 Acq: 08 Oct 2025 12:52

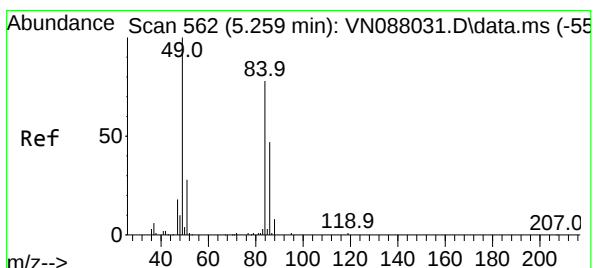
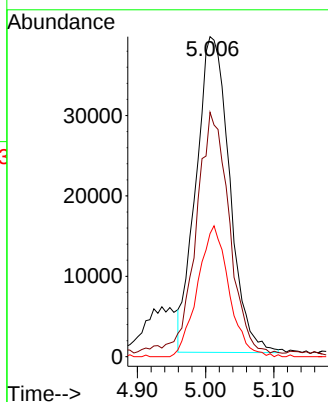
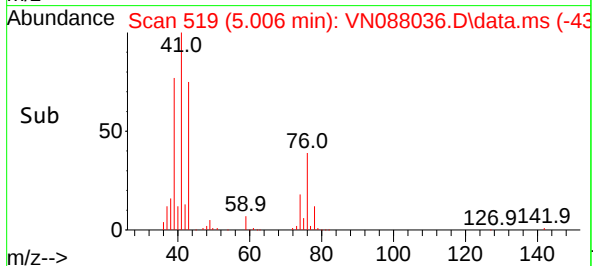
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100825



Tgt Ion: 41 Resp: 13422
 Ion Ratio Lower Upper
 41 100
 39 76.8 36.4 109.2
 76 38.7 18.1 54.1

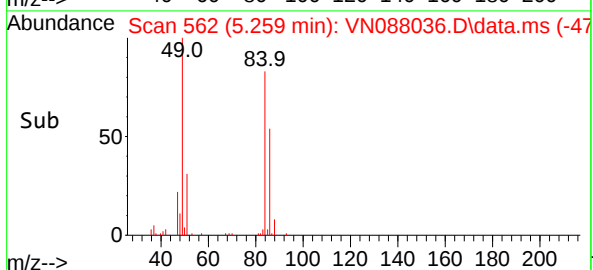
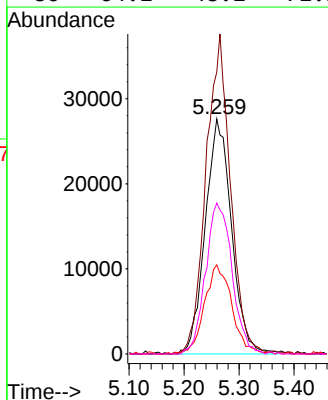
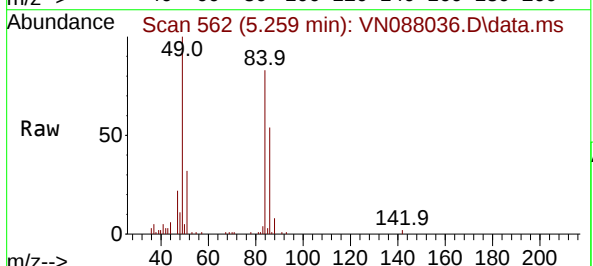
Manual Integrations
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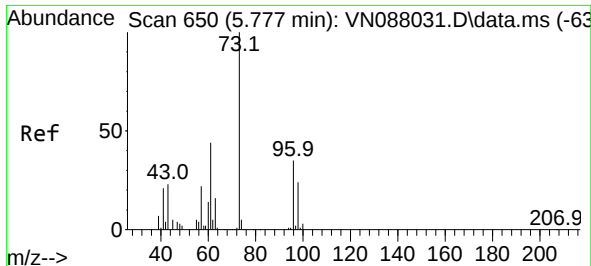
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#18
 Methylene Chloride
 Concen: 19.167 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: VN088036.D
 Acq: 08 Oct 2025 12:52

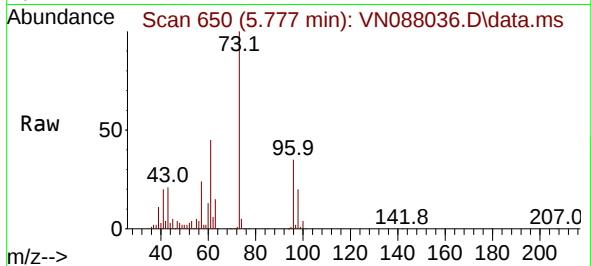
Tgt Ion: 84 Resp: 91812
 Ion Ratio Lower Upper
 84 100
 49 119.9 102.6 153.8
 51 37.4 28.6 42.8
 86 64.2 48.2 72.2





#19
trans-1,2-Dichloroethene
Concen: 19.357 ug/l
RT: 5.777 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

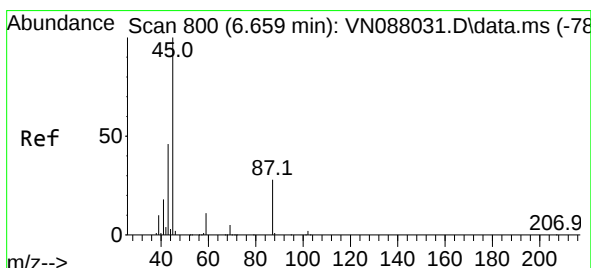
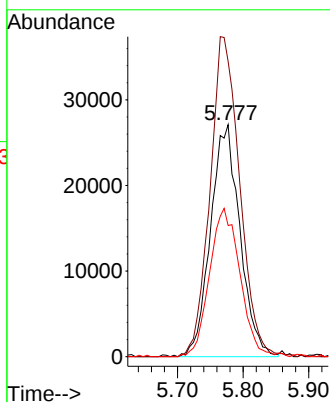
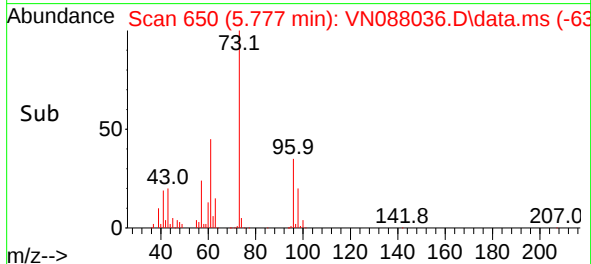
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion: 96 Resp: 8434
Ion Ratio Lower Upper
96 100
61 127.3 100.6 151.0
98 56.5 54.0 81.0

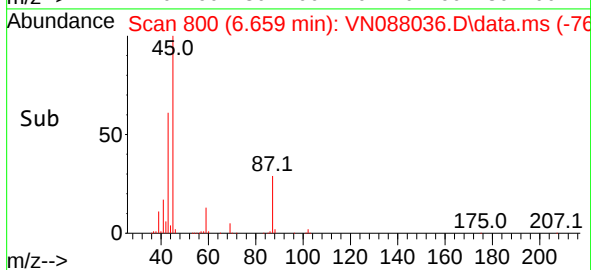
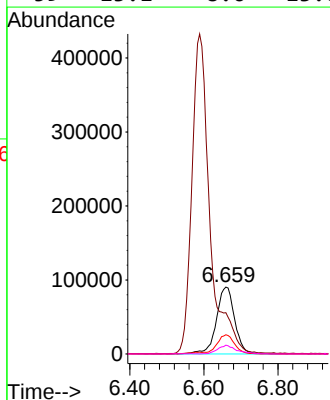
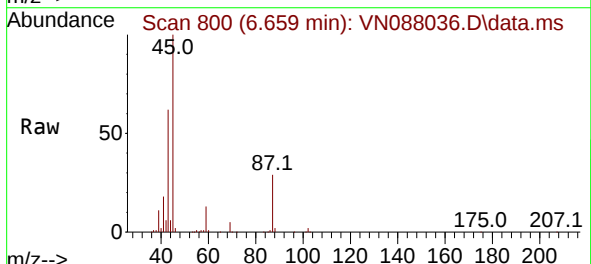
Manual Integrations
APPROVED

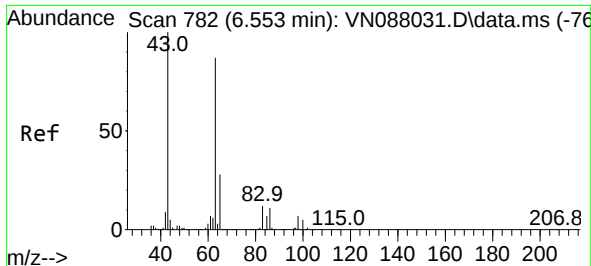
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#20
Diisopropyl ether
Concen: 19.048 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

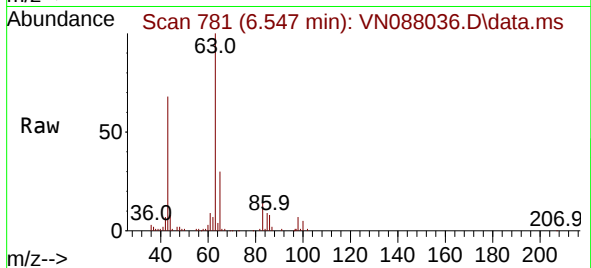
Tgt Ion: 45 Resp: 308391
Ion Ratio Lower Upper
45 100
43 60.5 46.1 69.1
87 28.7 22.3 33.5
59 13.1 8.6 13.0#





#21
1,1-Dichloroethane
Concen: 18.992 ug/l
RT: 6.547 min Scan# 781
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

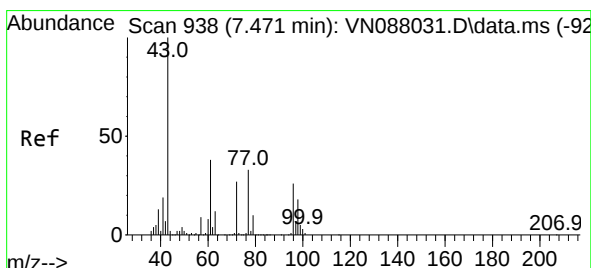
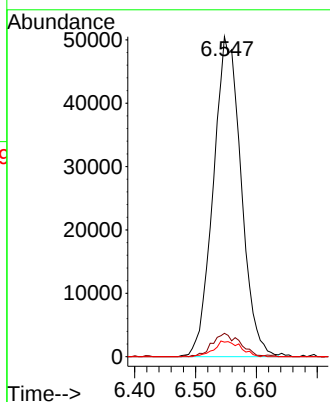
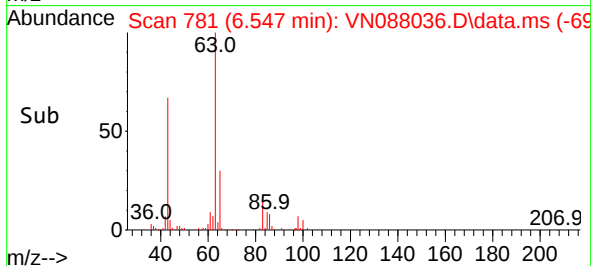
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion: 63 Resp: 16007
Ion Ratio Lower Upper
63 100
98 7.3 4.3 12.8
100 4.6 2.6 8.0

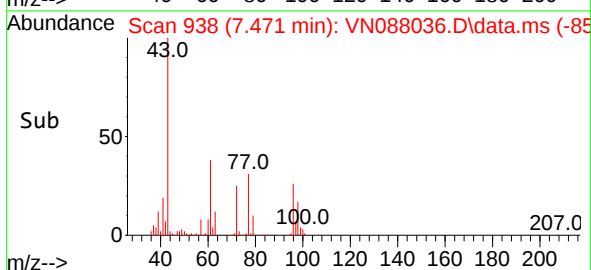
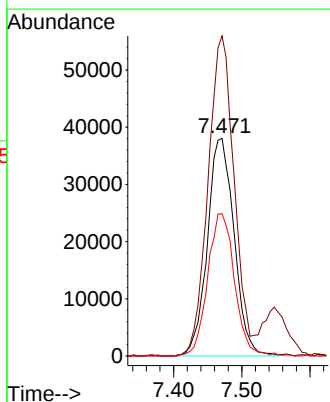
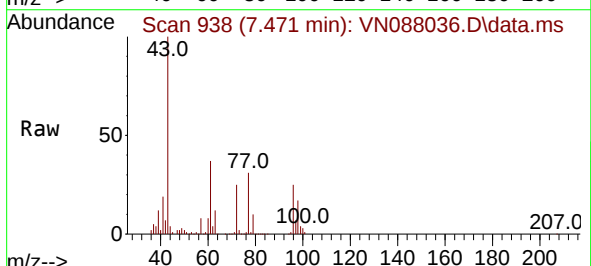
Manual Integrations
APPROVED

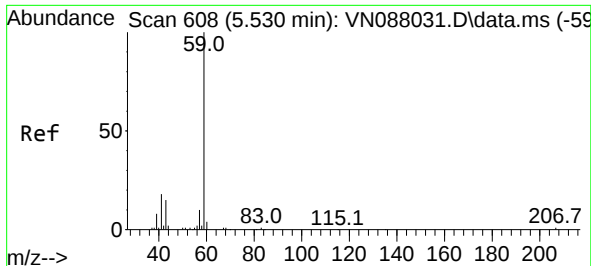
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#22
cis-1,2-Dichloroethene
Concen: 19.048 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

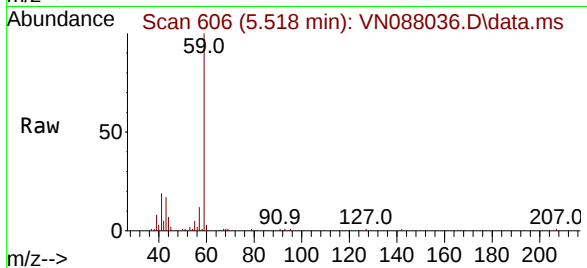
Tgt Ion: 96 Resp: 103897
Ion Ratio Lower Upper
96 100
61 142.4 117.0 175.6
98 65.4 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 93.763 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

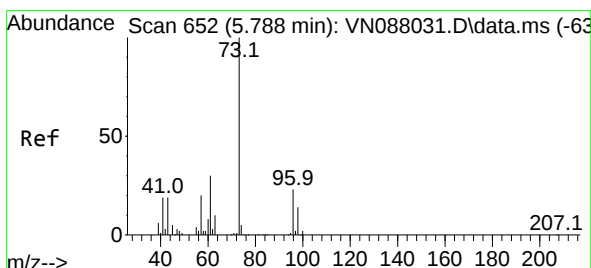
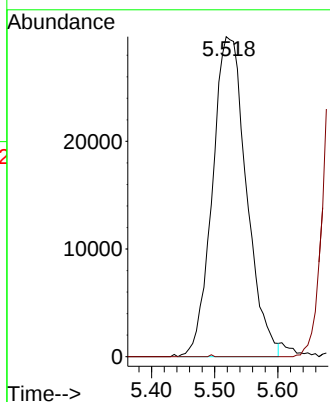
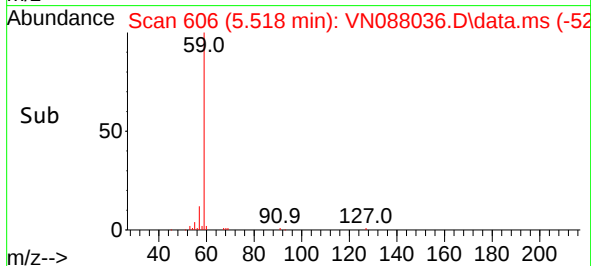
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



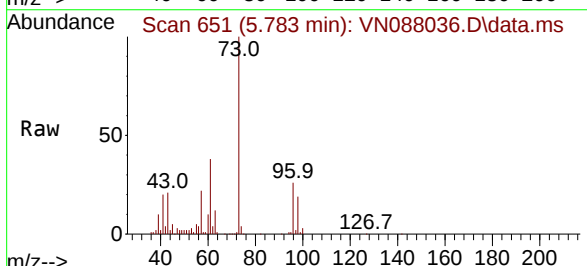
Tgt Ion: 59 Resp: 111180
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

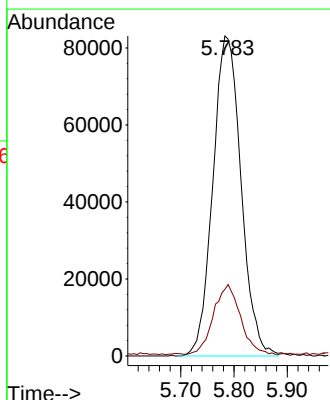
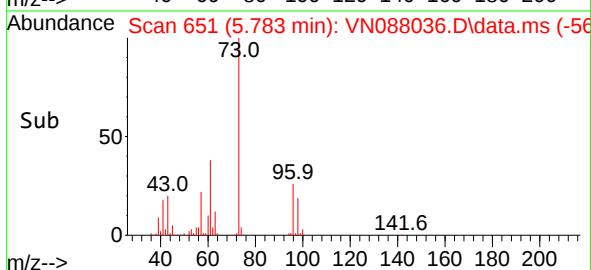
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

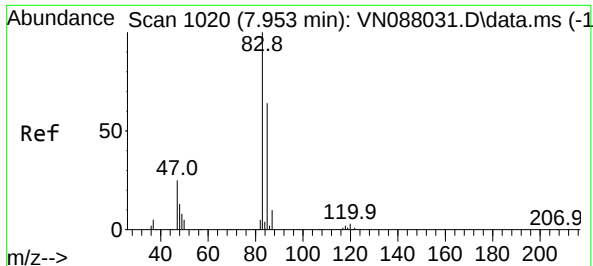


#24
Methyl tert-Butyl Ether
Concen: 18.751 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52



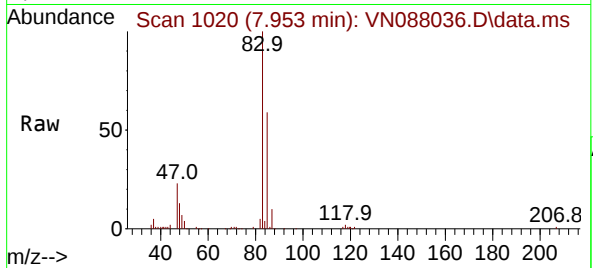
Tgt Ion: 73 Resp: 305027
Ion Ratio Lower Upper
73 100
43 21.0 17.0 25.4





#25
Chloroform
Concen: 19.120 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

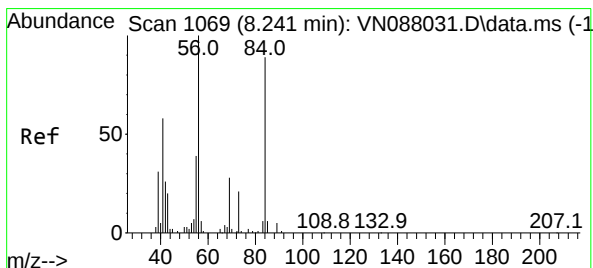
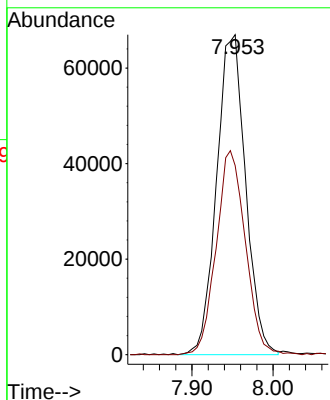
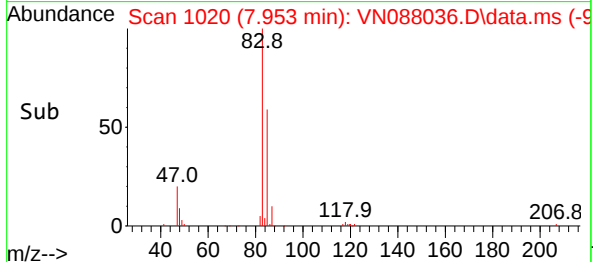
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion: 83 Resp: 166302
Ion Ratio Lower Upper
83 100
85 59.1 50.9 76.3

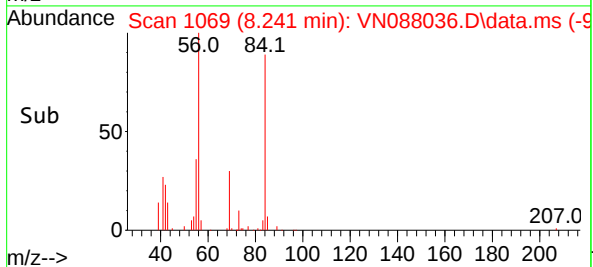
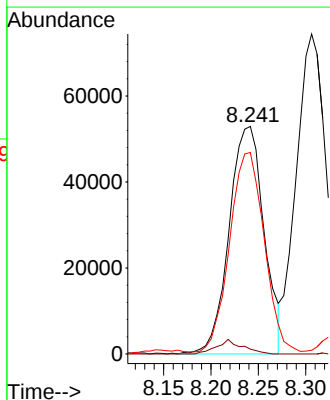
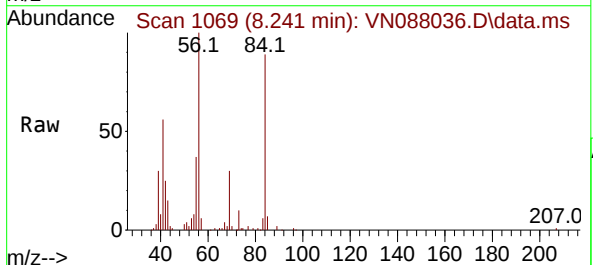
Manual Integrations
APPROVED

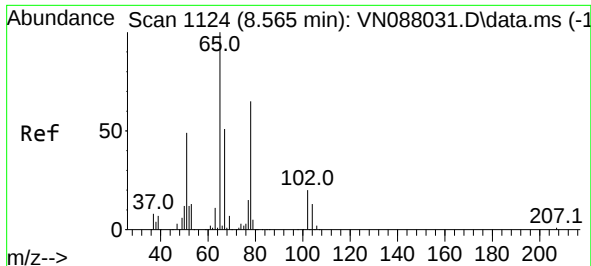
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#26
Cyclohexane
Concen: 19.433 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

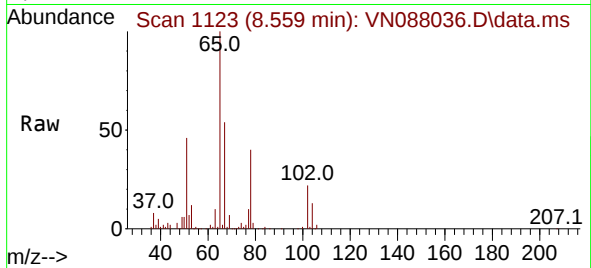
Tgt Ion: 56 Resp: 135705
Ion Ratio Lower Upper
56 100
89 4.7 8.6 12.8#
84 88.7 69.6 104.4





#27
1,2-Dichloroethane-d4
Concen: 29.945 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

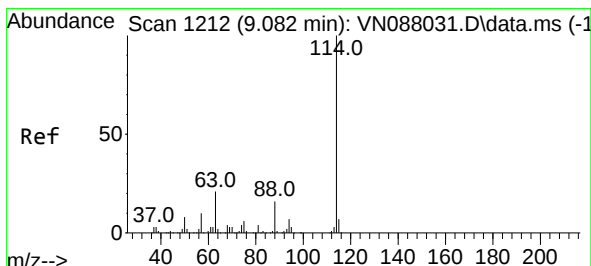
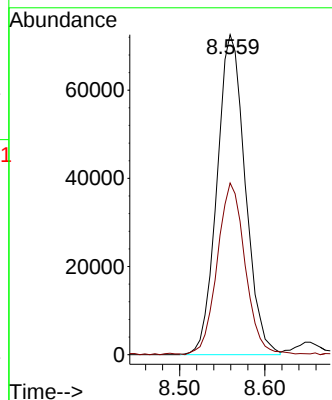
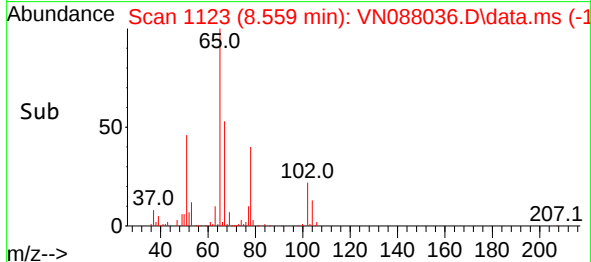
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion: 65 Resp: 16713
Ion Ratio Lower Upper
65 100
67 53.0 41.9 62.9

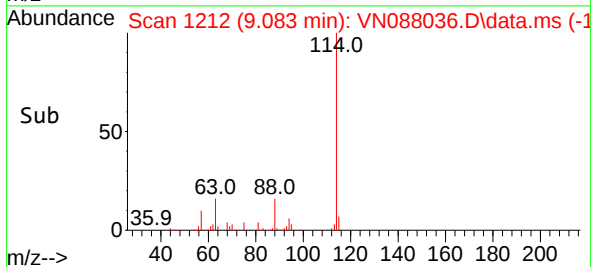
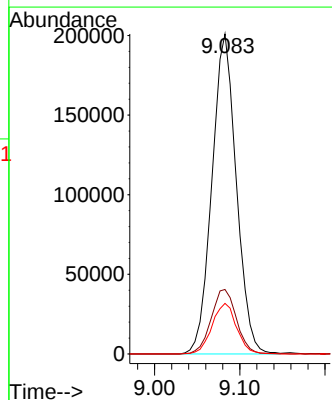
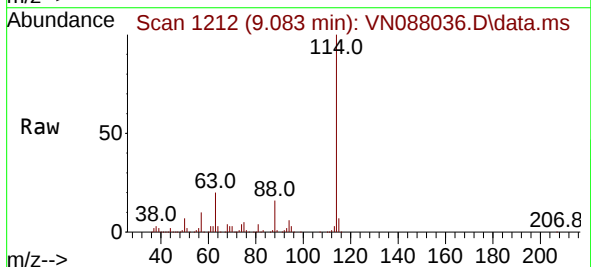
Manual Integrations
APPROVED

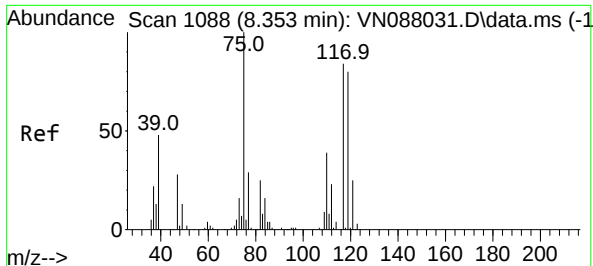
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

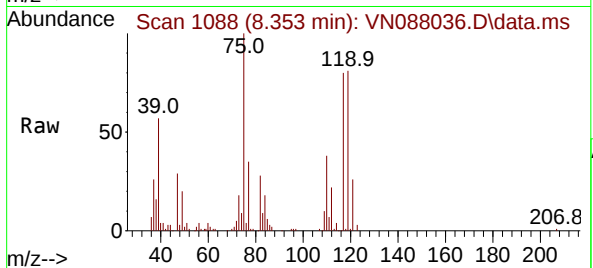
Tgt Ion:114 Resp: 399537
Ion Ratio Lower Upper
114 100
63 20.9 16.6 25.0
88 15.9 12.6 18.8





#29
1,1-Dichloropropene
Concen: 19.507 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

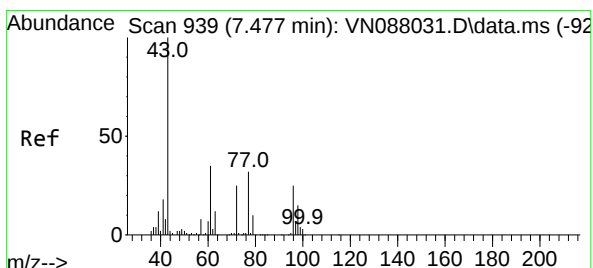
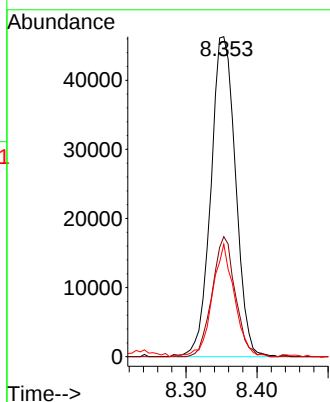
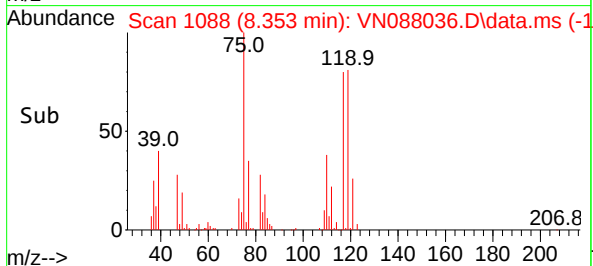
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



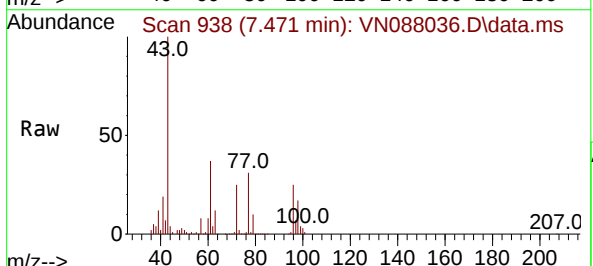
Tgt Ion: 75 Resp: 11171
Ion Ratio Lower Upper
75 100
110 35.0 0.0 72.2
77 31.6 0.0 60.6

Manual Integrations
APPROVED

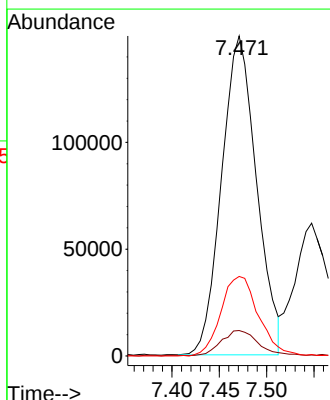
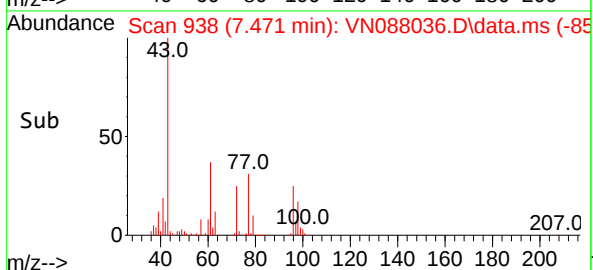
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

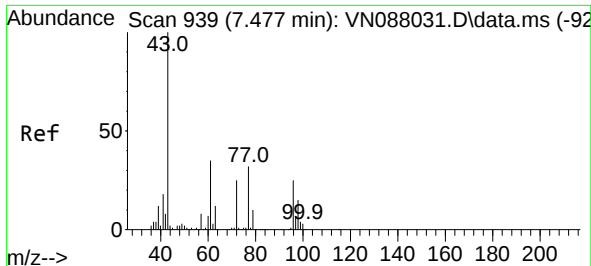


#30
2-Butanone
Concen: 90.720 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52



Tgt Ion: 43 Resp: 383183
Ion Ratio Lower Upper
43 100
57 8.3 6.5 9.7
72 26.8 21.4 32.2





#31

2,2-Dichloropropane

Concen: 18.552 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN088036.D

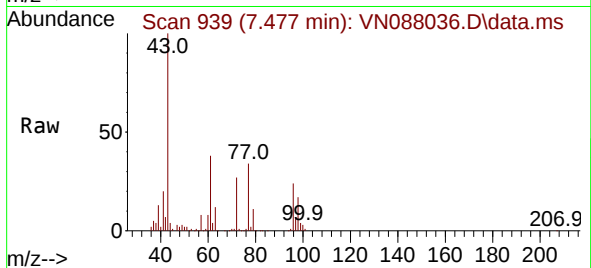
Acq: 08 Oct 2025 12:52

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100825



Tgt Ion: 77 Resp: 13689

Ion Ratio Lower Upper

77 100

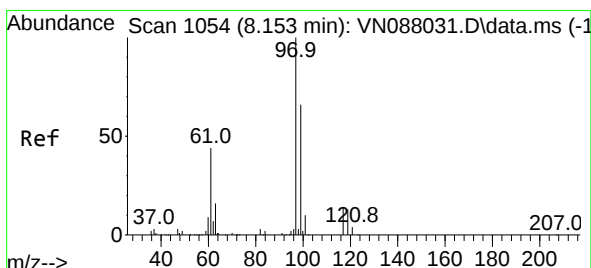
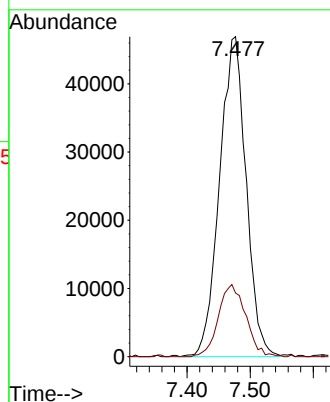
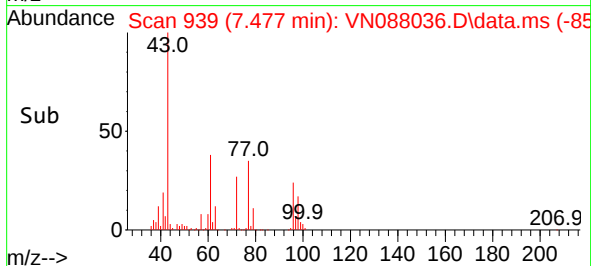
97 23.0 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#32

1,1,1-Trichloroethane

Concen: 19.406 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN088036.D

Acq: 08 Oct 2025 12:52

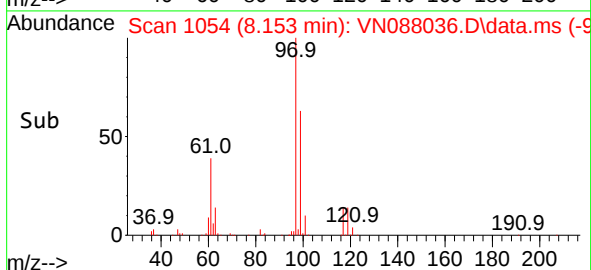
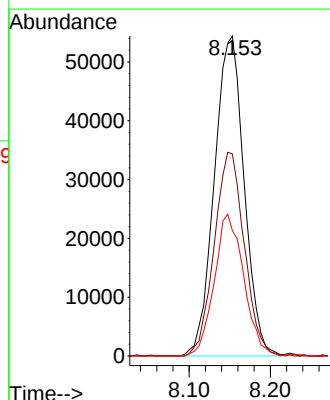
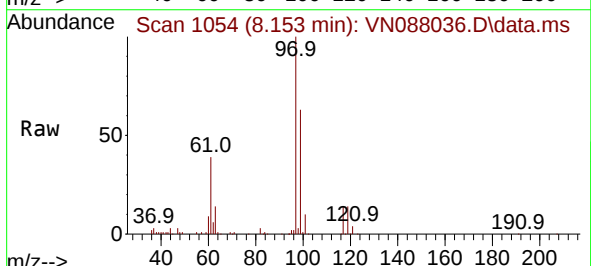
Tgt Ion: 97 Resp: 138868

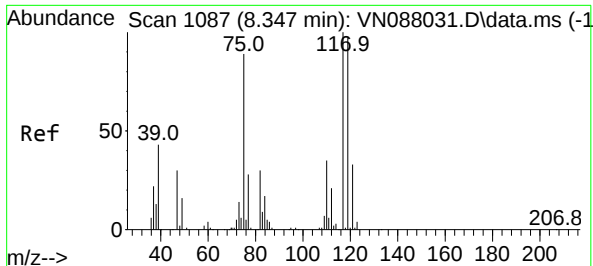
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.2

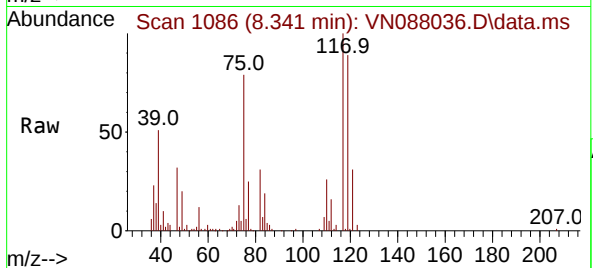
61 43.7 34.7 52.1





#33
Carbon Tetrachloride
Concen: 19.562 ug/l
RT: 8.341 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

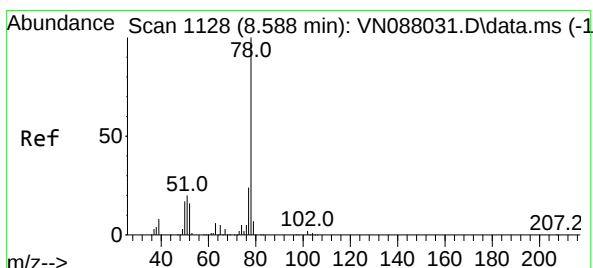
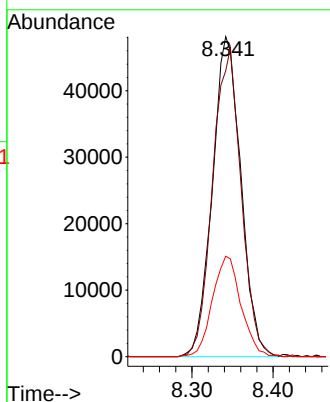
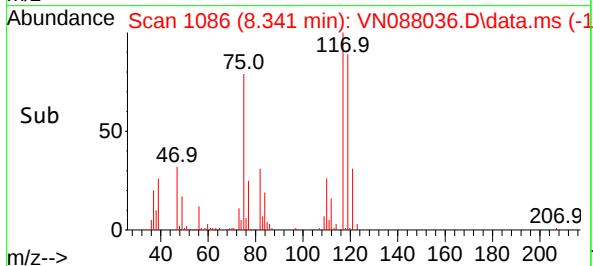
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion: 117 Resp: 117258
Ion Ratio Lower Upper
117 100
119 89.4 77.9 116.9
121 31.4 26.4 39.6

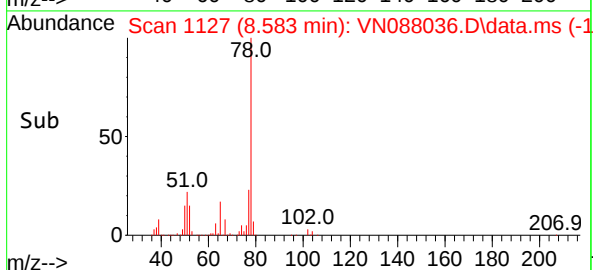
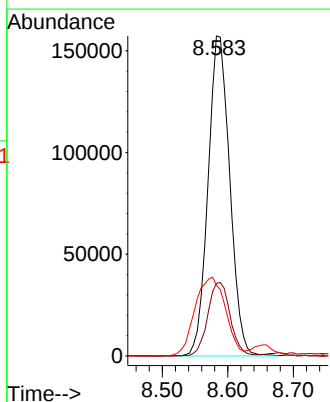
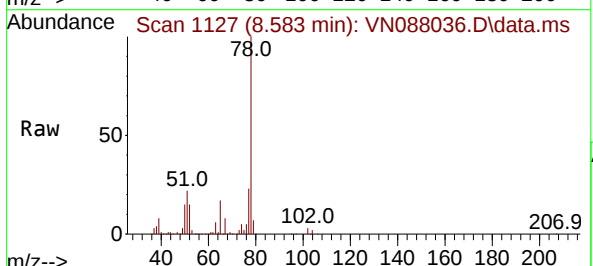
Manual Integrations
APPROVED

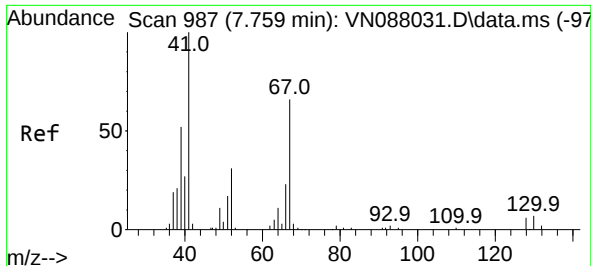
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#34
Benzene
Concen: 19.081 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

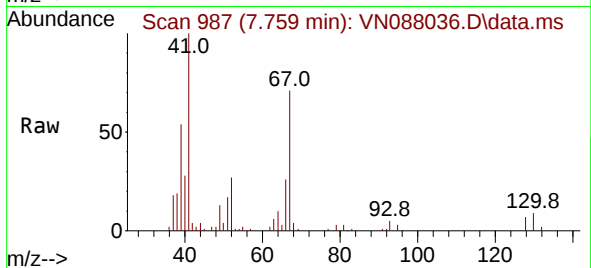
Tgt Ion: 78 Resp: 362455
Ion Ratio Lower Upper
78 100
77 22.6 18.9 28.3
51 21.1 15.6 23.4





#35
Methacrylonitrile
Concen: 19.875 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

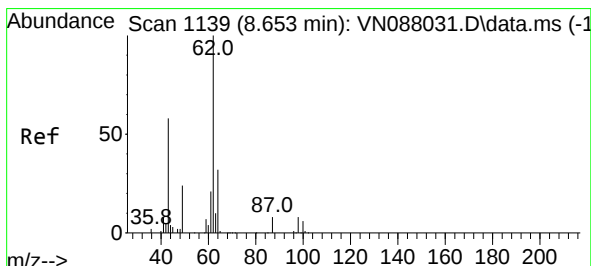
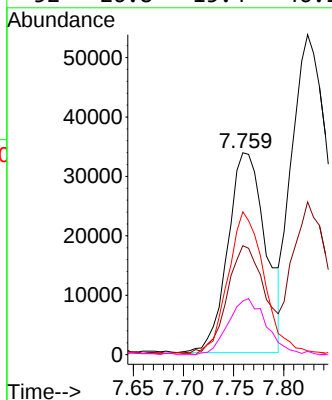
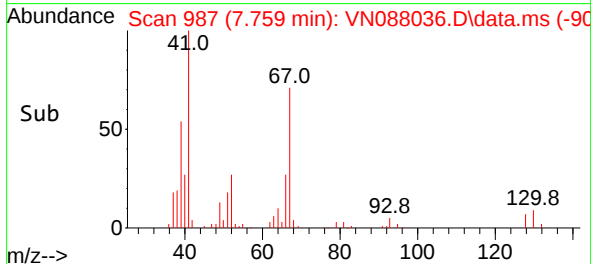
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion:	41	Ratio	100	Lower	Upper
39	53.4	26.1	78.3		
67	70.6	33.1	99.2		
52	26.8	15.4	46.1		

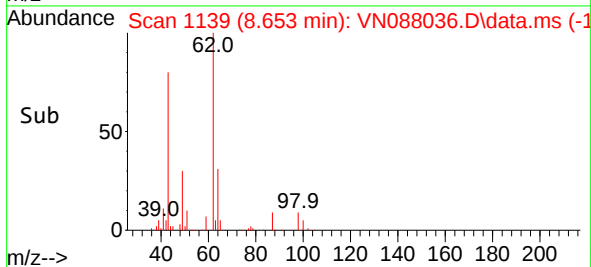
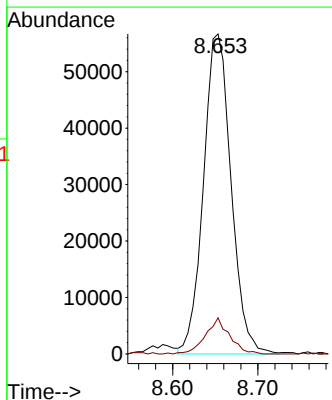
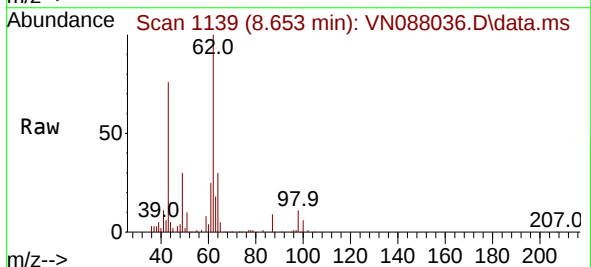
Manual Integrations
APPROVED

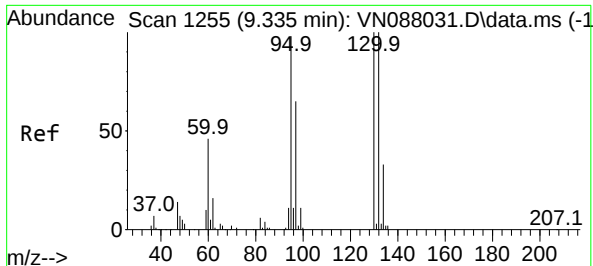
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#36
1,2-Dichloroethane
Concen: 19.378 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

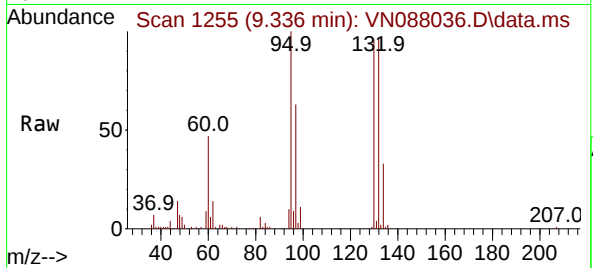
Tgt Ion:	62	Ratio	100	Lower	Upper
98	9.8	7.8	11.6		





#37
Trichloroethene
Concen: 19.205 ug/l
RT: 9.336 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

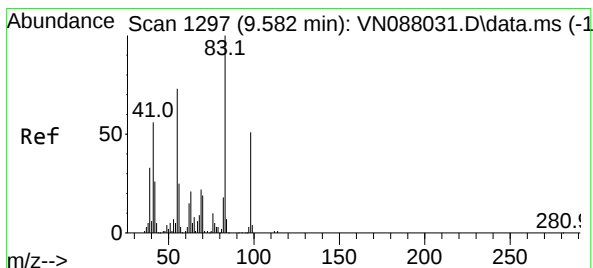
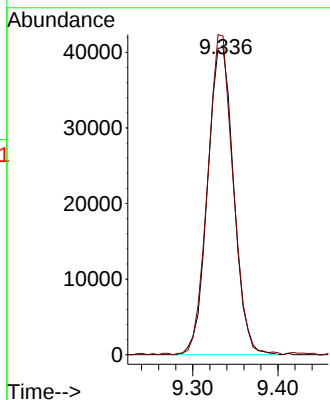
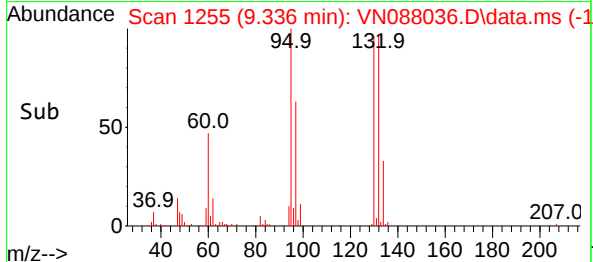
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



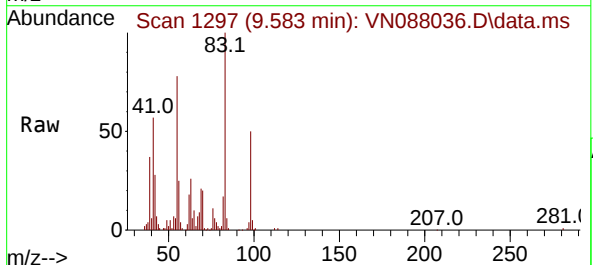
Tgt Ion:130 Resp: 86434
Ion Ratio Lower Upper
130 100
95 103.4 78.7 118.1

Manual Integrations
APPROVED

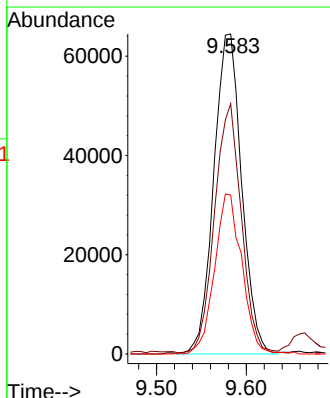
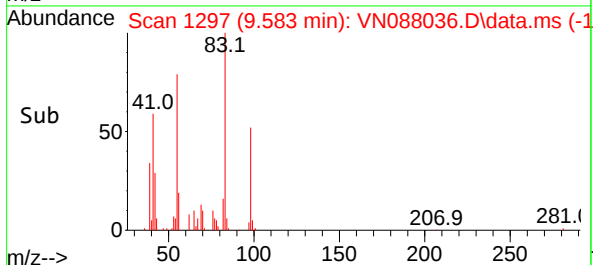
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

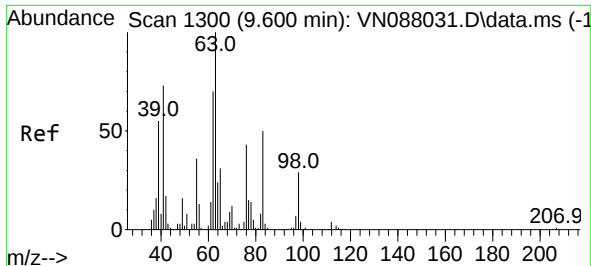


#38
Methylcyclohexane
Concen: 19.701 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52



Tgt Ion: 83 Resp: 139333
Ion Ratio Lower Upper
83 100
55 74.2 37.3 111.9
98 48.6 25.4 76.0





#39

1,2-Dichloropropane

Concen: 18.608 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088036.D

Acq: 08 Oct 2025 12:52

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100825

Tgt Ion: 63 Resp: 8863

Ion Ratio Lower Upper

63 100

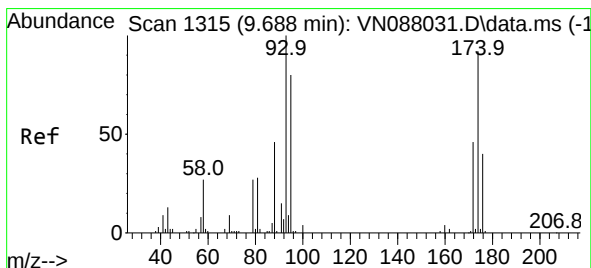
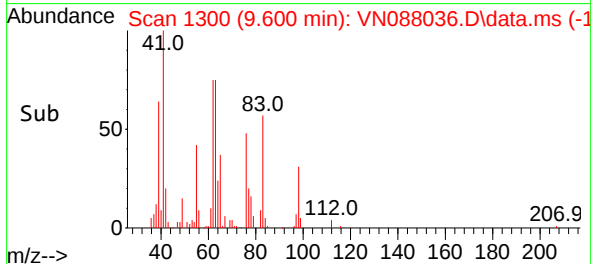
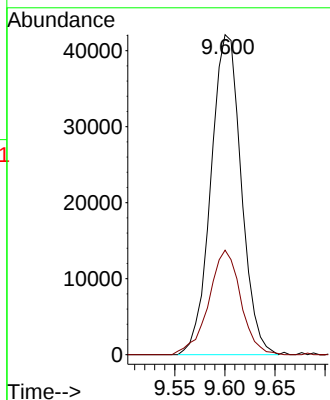
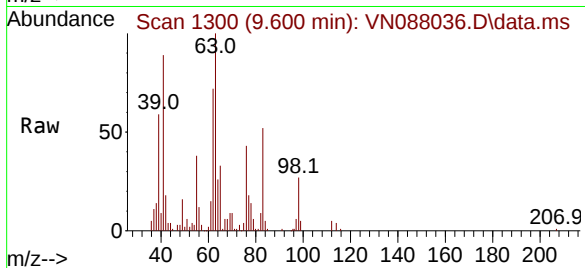
65 32.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#40

Dibromomethane

Concen: 18.910 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088036.D

Acq: 08 Oct 2025 12:52

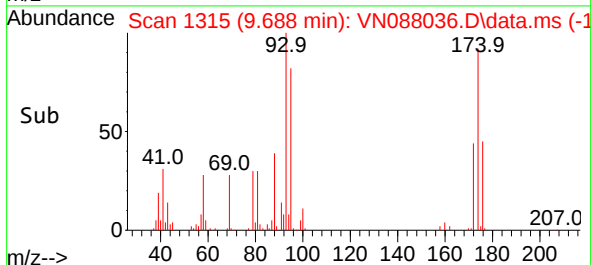
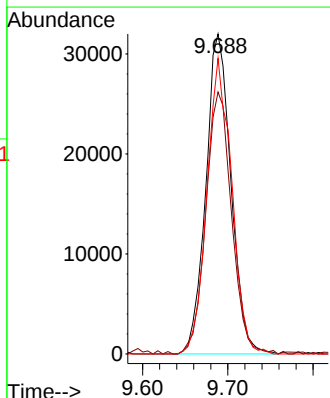
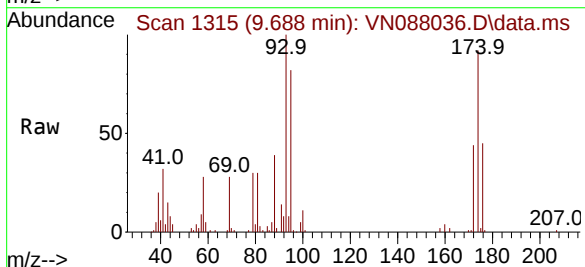
Tgt Ion: 93 Resp: 65564

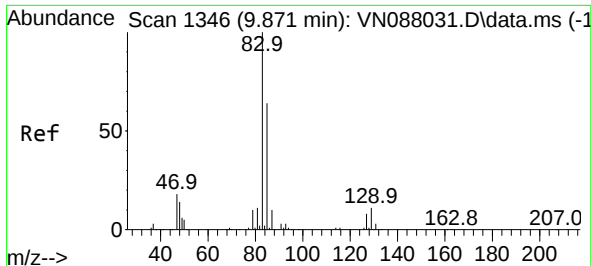
Ion Ratio Lower Upper

93 100

95 83.6 0.0 158.6

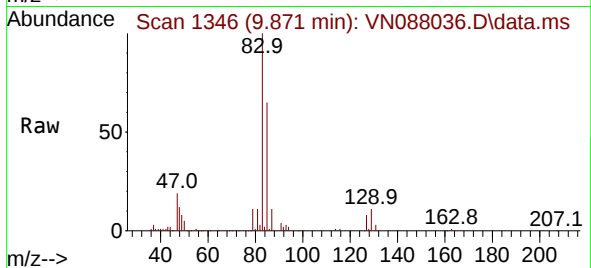
174 91.2 0.0 180.8





#41
Bromodichloromethane
Concen: 19.165 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

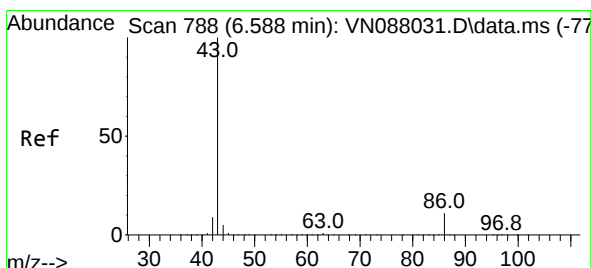
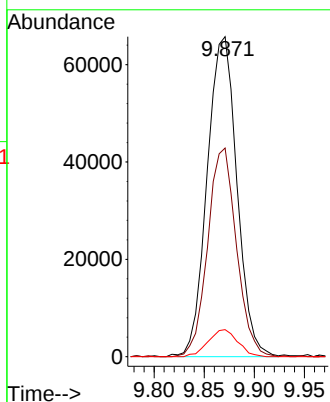
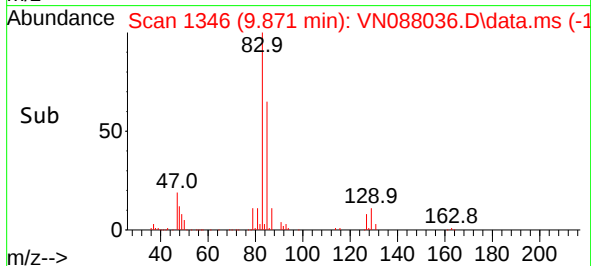
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion: 83 Resp: 135709
Ion Ratio Lower Upper
83 100
85 65.4 51.0 76.4
127 8.5 6.1 9.1

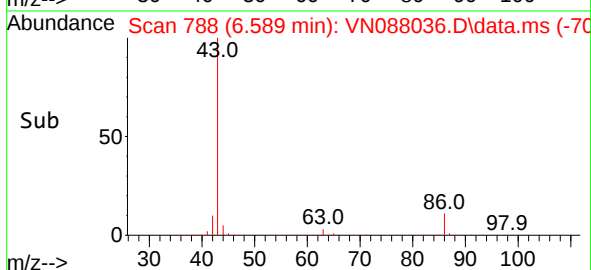
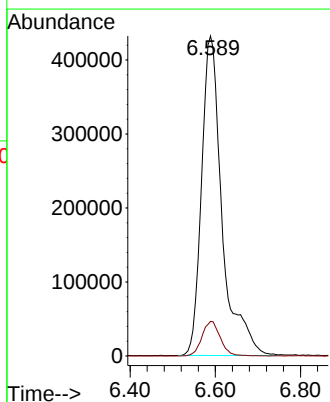
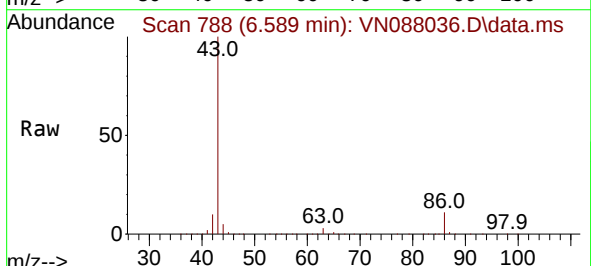
Manual Integrations
APPROVED

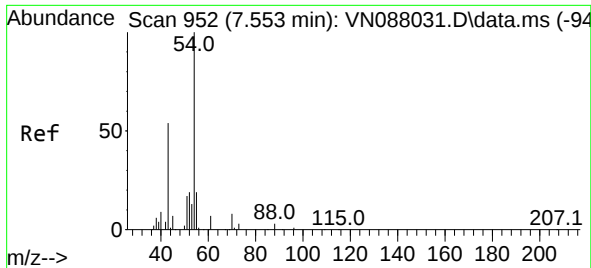
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#42
Vinyl Acetate
Concen: 100.422 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

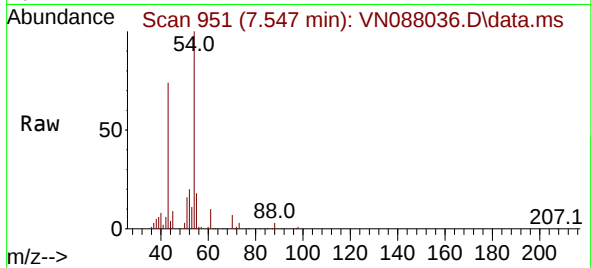
Tgt Ion: 43 Resp: 1445002
Ion Ratio Lower Upper
43 100
86 9.7 8.4 12.6





#43
Ethyl Acetate
Concen: 19.305 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

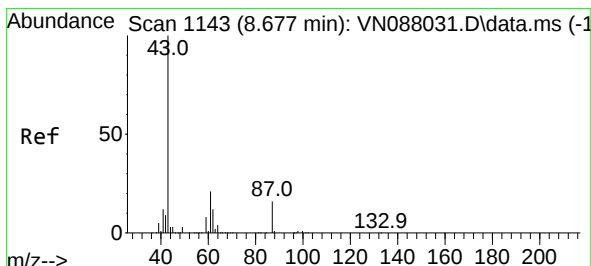
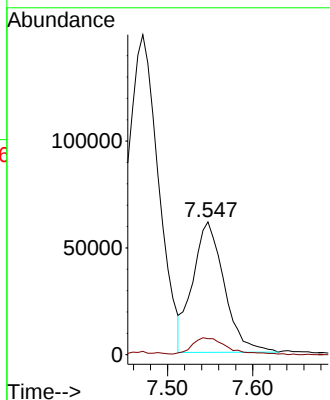
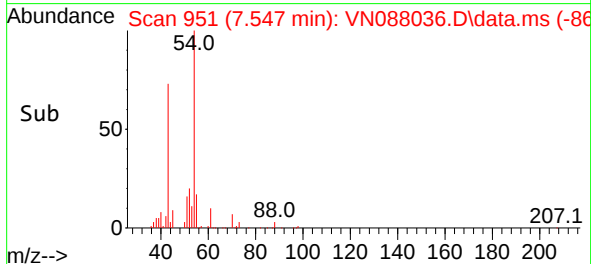
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion: 43 Resp: 156744
Ion Ratio Lower Upper
43 100
45 14.6 10.2 15.4

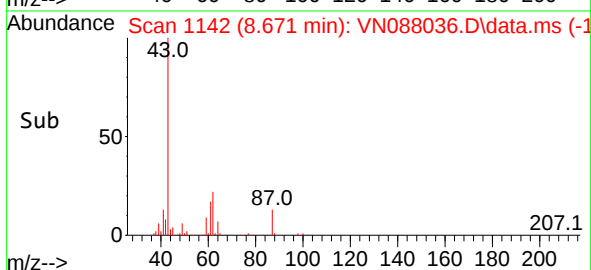
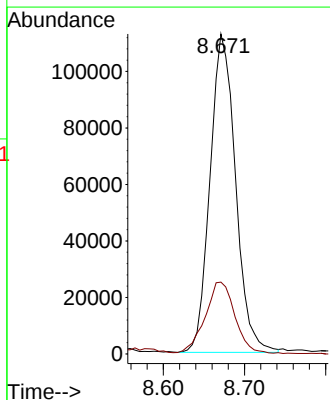
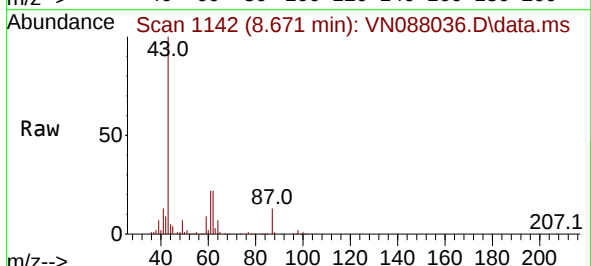
Manual Integrations
APPROVED

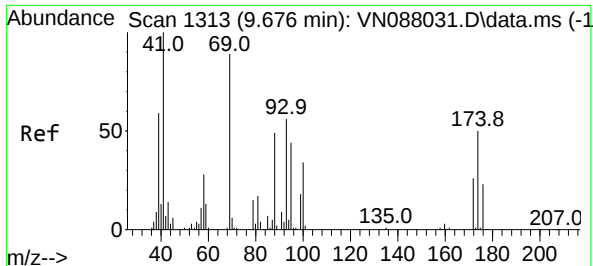
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#44
Isopropyl Acetate
Concen: 18.583 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

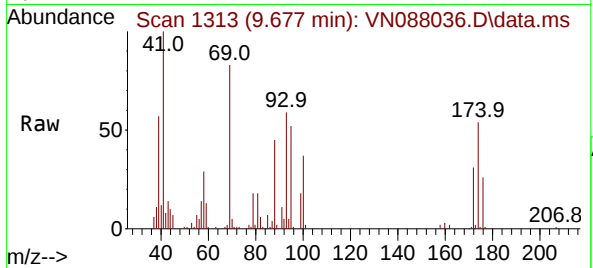
Tgt Ion: 43 Resp: 246443
Ion Ratio Lower Upper
43 100
61 26.6 18.7 28.1





#45
1,4-Dioxane
Concen: 410.874 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

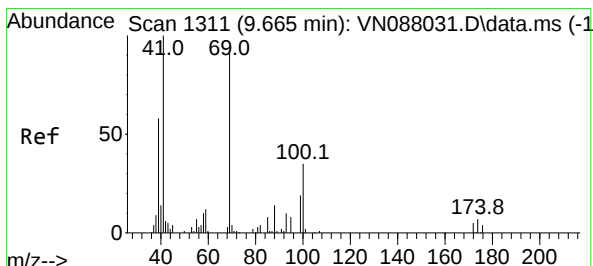
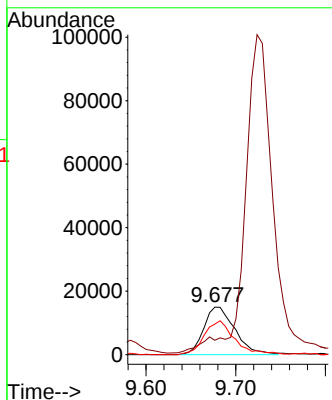
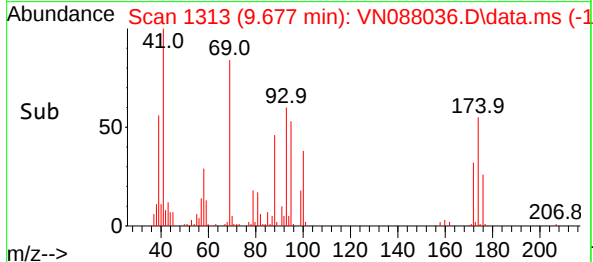
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



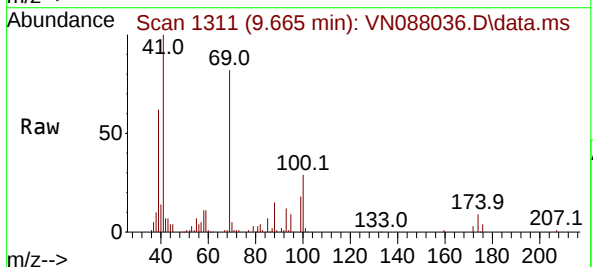
Tgt Ion: 88 Resp: 36239
Ion Ratio Lower Upper
88 100
43 18.6 18.6 27.8
58 65.0 57.4 86.2

Manual Integrations
APPROVED

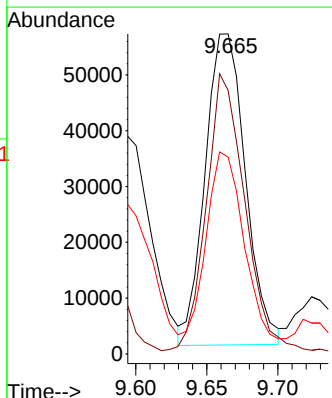
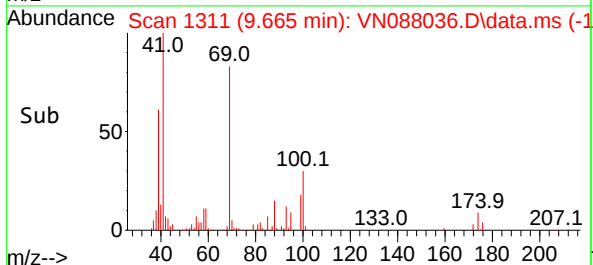
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

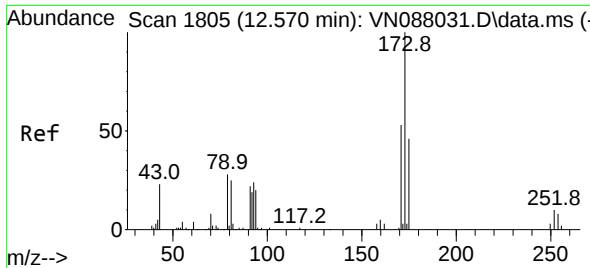


#46
Methyl methacrylate
Concen: 18.835 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52



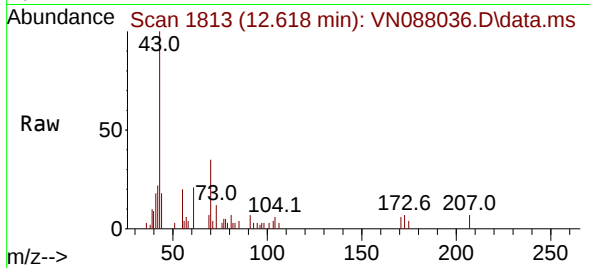
Tgt Ion: 41 Resp: 109997
Ion Ratio Lower Upper
41 100
69 87.0 44.9 134.7
39 61.7 30.3 90.8





#47
n-amy1 Acetate
Concen: 20.438 ug/l m
RT: 12.618 min Scan# 1813
Delta R.T. 0.047 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

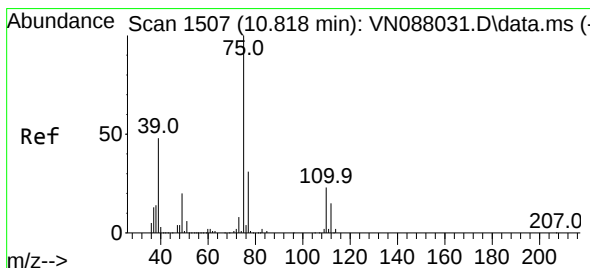
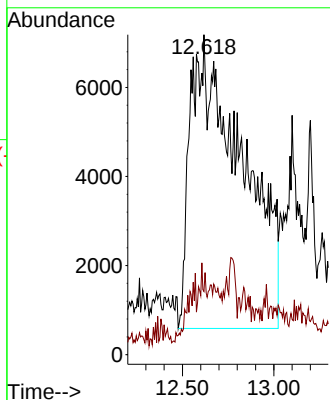
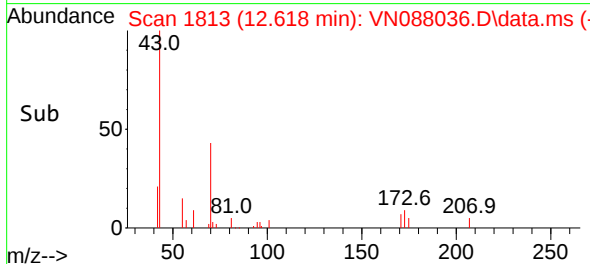
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion: 43 Resp: 12846
Ion Ratio Lower Upper
43 100
55 0.5 0.6 0.8

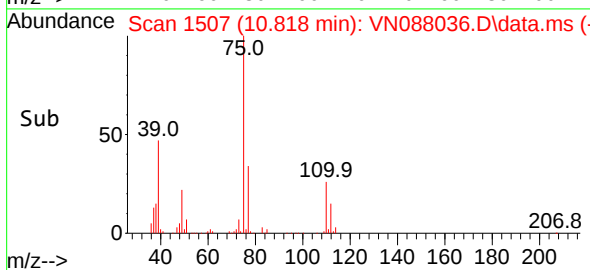
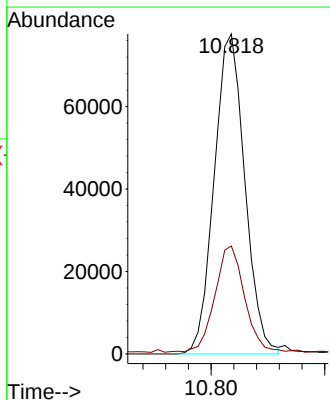
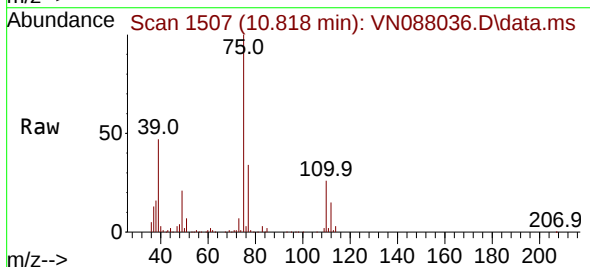
Manual Integrations
APPROVED

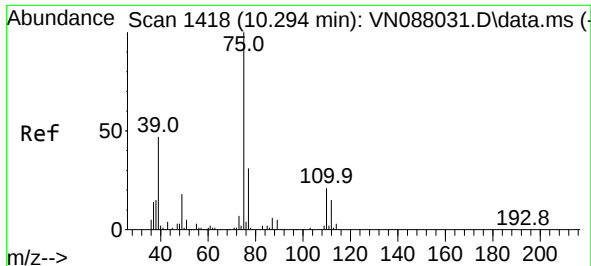
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#48
t-1,3-Dichloropropene
Concen: 18.462 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

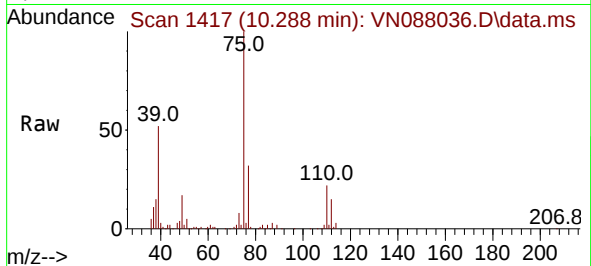
Tgt Ion: 75 Resp: 145368
Ion Ratio Lower Upper
75 100
77 32.9 24.5 36.7





#49
 cis-1,3-Dichloropropene
 Concen: 18.663 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VN088036.D
 Acq: 08 Oct 2025 12:52

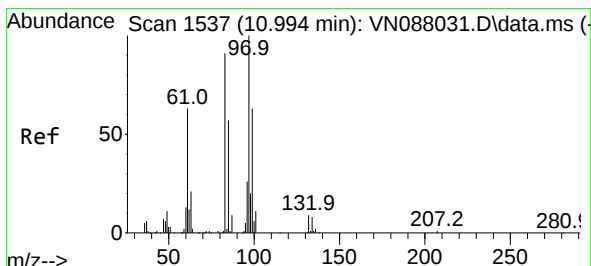
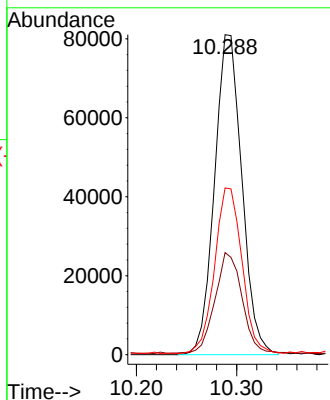
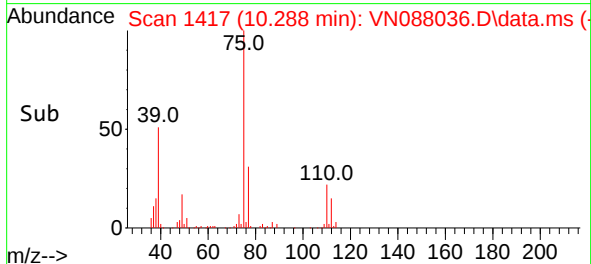
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN100825



Tgt Ion: 75 Resp: 15329
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4
 39 51.8 37.4 56.0

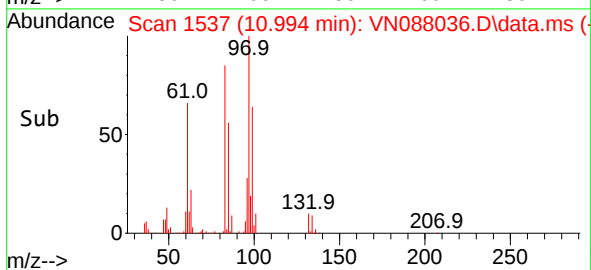
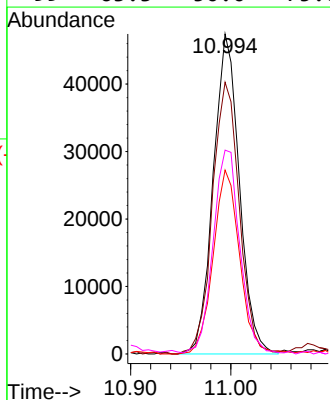
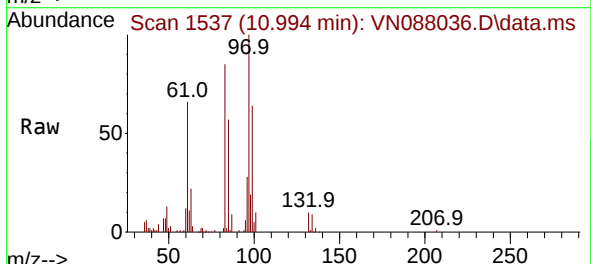
Manual Integrations
 APPROVED

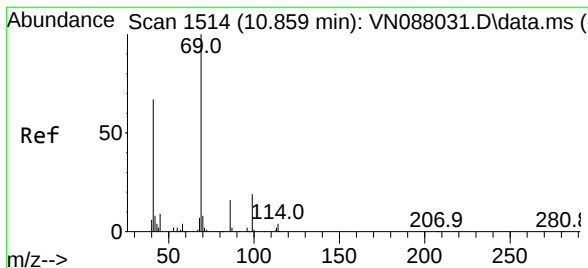
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#50
 1,1,2-Trichloroethane
 Concen: 18.672 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088036.D
 Acq: 08 Oct 2025 12:52

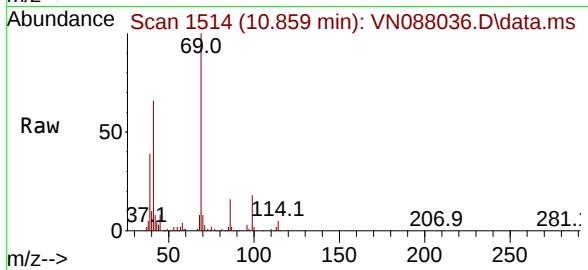
Tgt Ion: 97 Resp: 85732
 Ion Ratio Lower Upper
 97 100
 83 84.9 72.5 108.7
 85 57.4 45.5 68.3
 99 63.3 50.0 75.0





#51
Ethyl methacrylate
Concen: 18.832 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

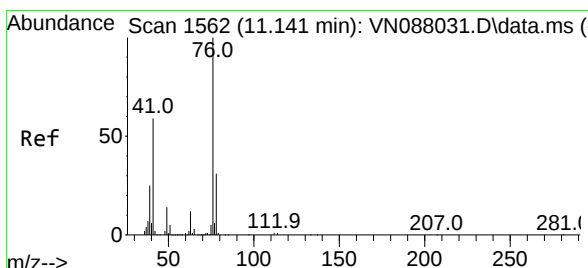
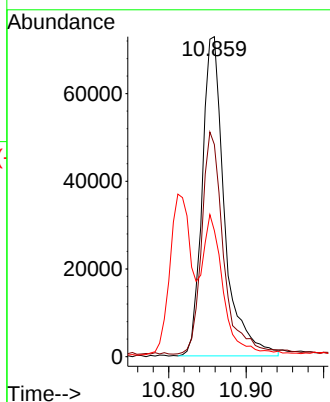
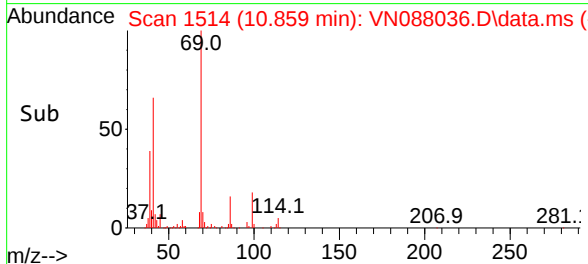
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion: 69 Resp: 146337
Ion Ratio Lower Upper
69 100
41 65.6 33.3 99.8
39 37.8 20.3 61.0

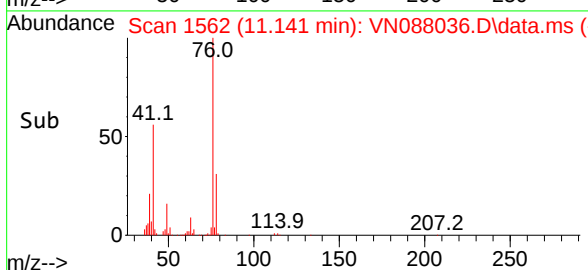
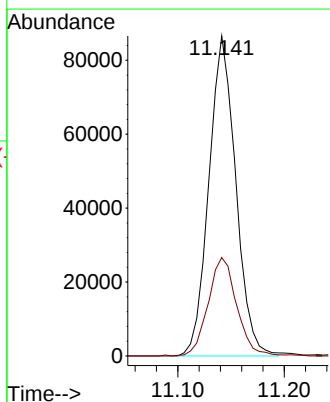
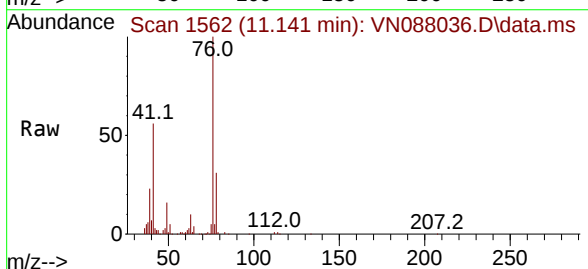
Manual Integrations
APPROVED

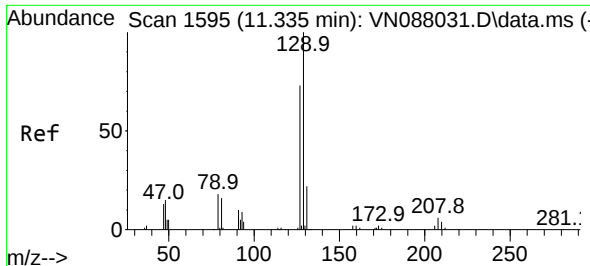
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#52
1,3-Dichloropropane
Concen: 18.977 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

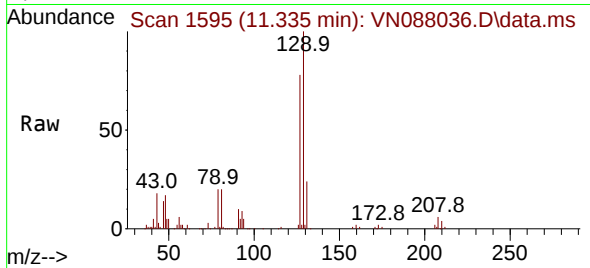
Tgt Ion: 76 Resp: 152014
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.0





#53
Dibromochloromethane
Concen: 18.861 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

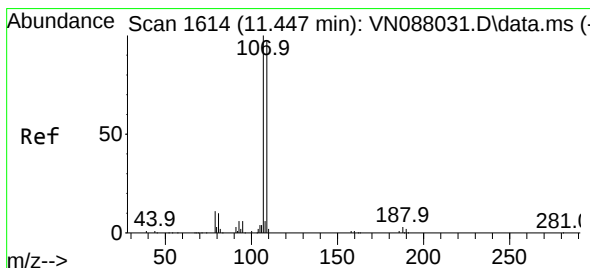
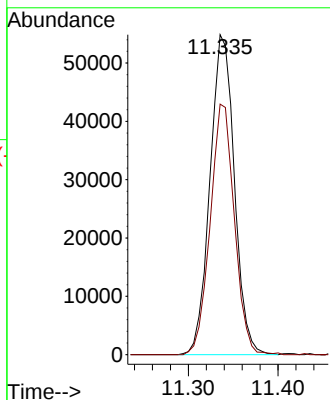
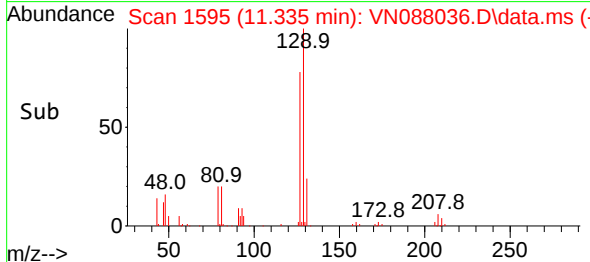
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



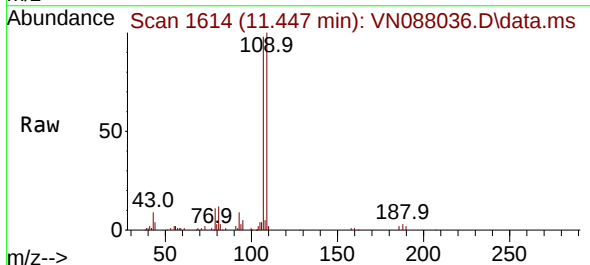
Tgt Ion:129 Resp: 103530
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.3

Manual Integrations
APPROVED

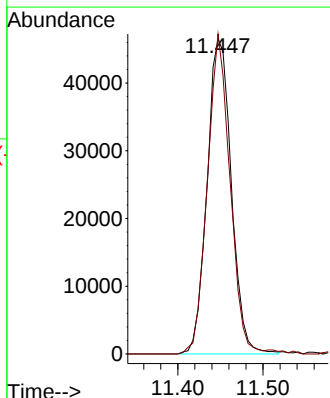
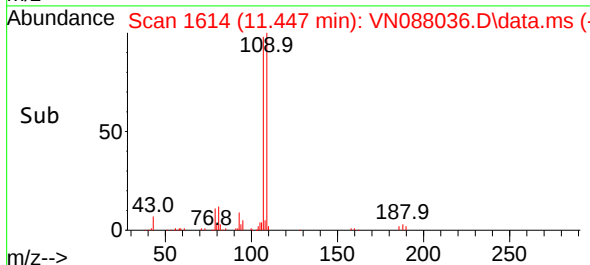
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

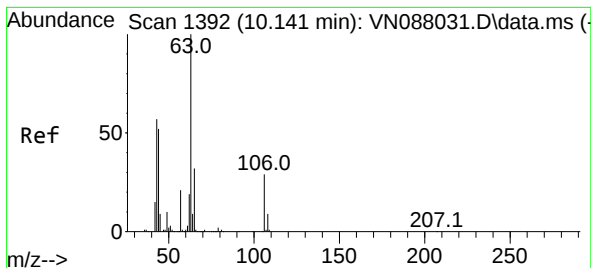


#54
1,2-Dibromoethane
Concen: 18.734 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52



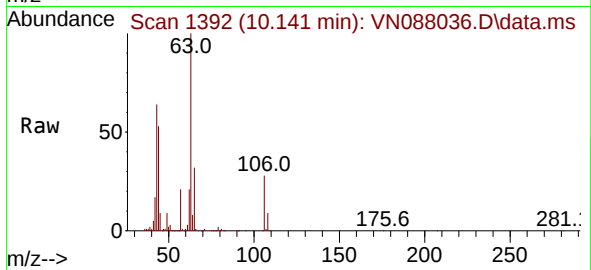
Tgt Ion:107 Resp: 91960
Ion Ratio Lower Upper
107 100
109 94.3 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 99.302 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

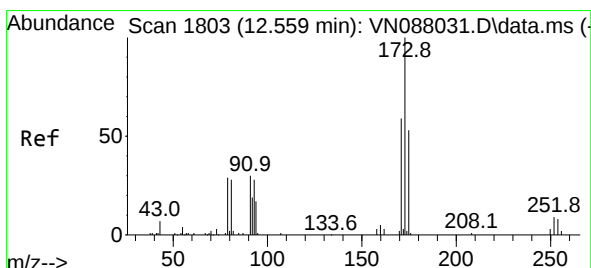
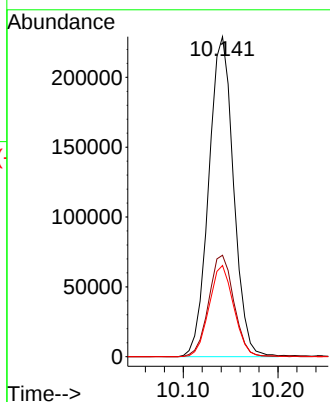
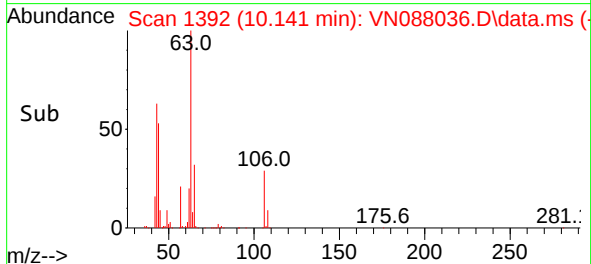
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion: 63 Resp: 416502
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 28.4 22.6 34.0

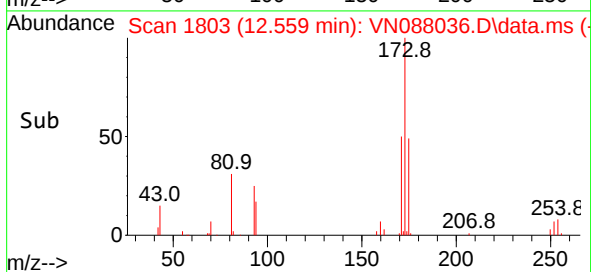
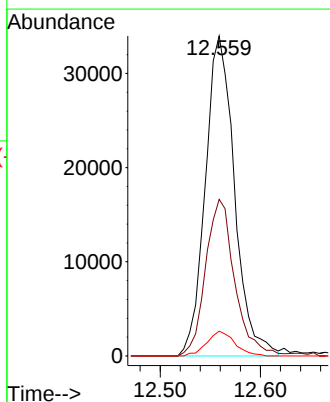
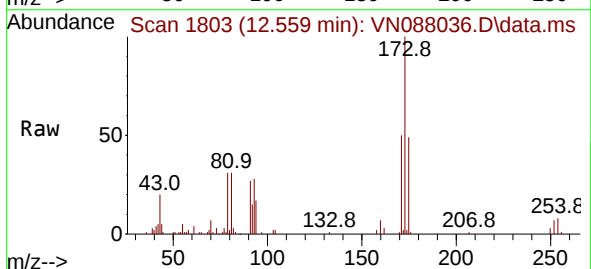
Manual Integrations
APPROVED

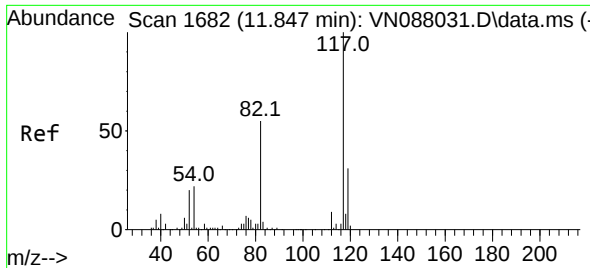
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#56
Bromoform
Concen: 18.560 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

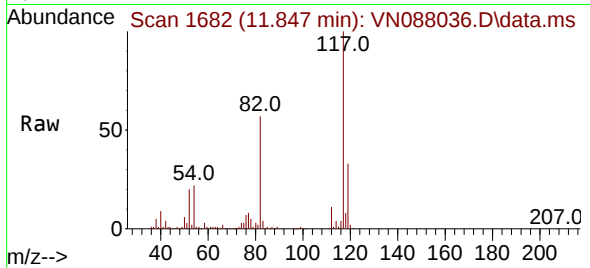
Tgt Ion:173 Resp: 68875
Ion Ratio Lower Upper
173 100
175 48.6 39.6 59.4
254 7.4 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

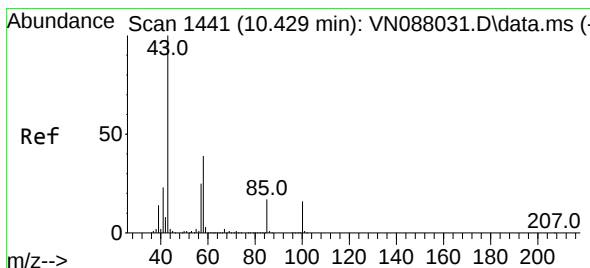
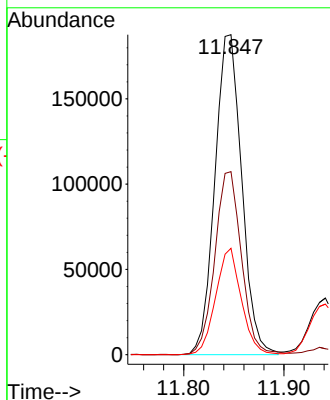
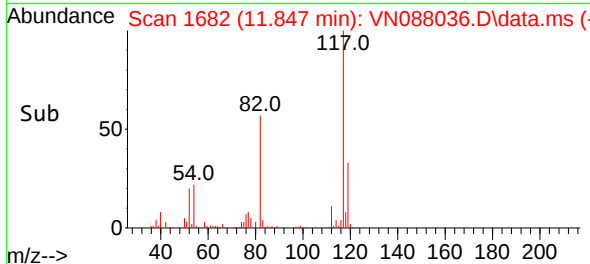
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion:117 Resp: 349709
Ion Ratio Lower Upper
117 100
82 56.8 45.2 67.8
119 31.7 25.9 38.9

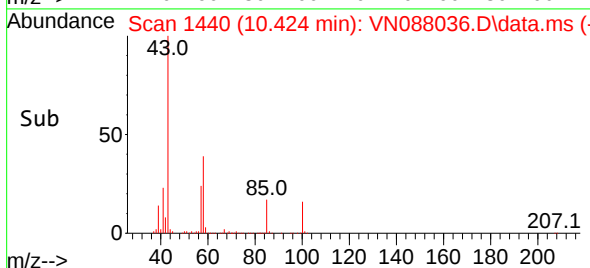
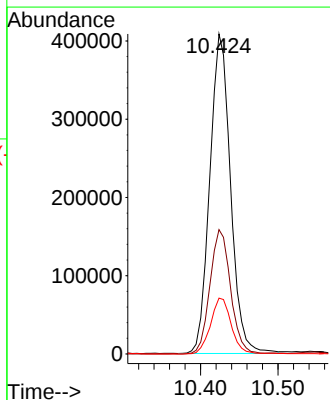
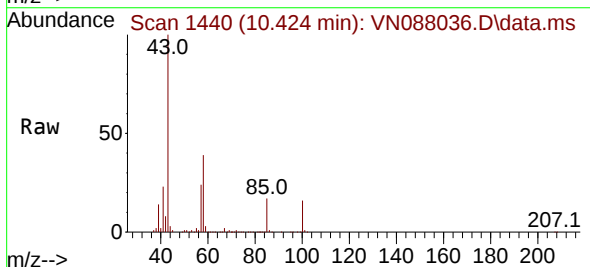
Manual Integrations
APPROVED

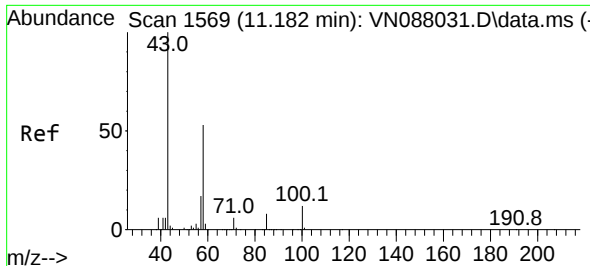
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#58
4-Methyl-2-Pentanone
Concen: 96.964 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

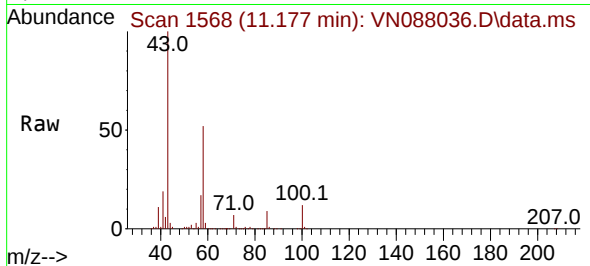
Tgt Ion: 43 Resp: 758466
Ion Ratio Lower Upper
43 100
58 38.7 31.2 46.8
85 17.5 13.7 20.5





#59
2-Hexanone
Concen: 93.537 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

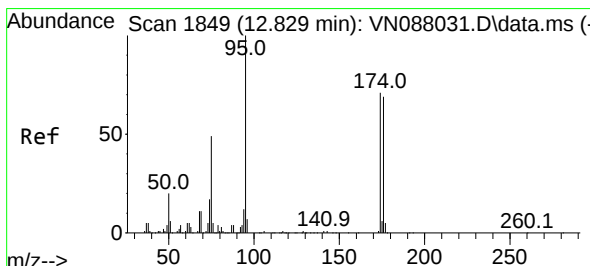
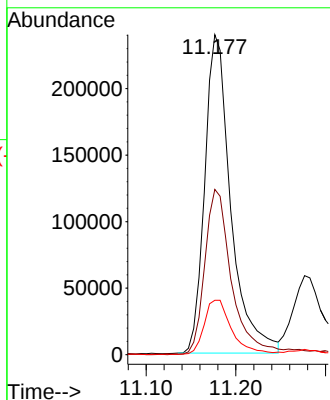
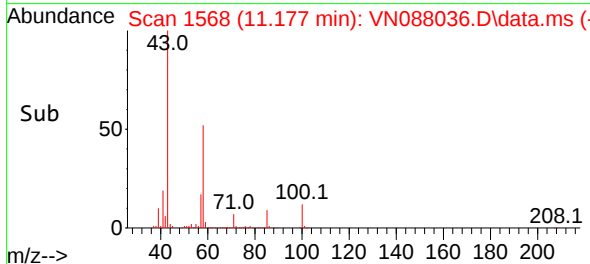
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion: 43 Resp: 483068
Ion Ratio Lower Upper
43 100
58 52.9 43.1 64.7
57 17.9 14.6 21.8

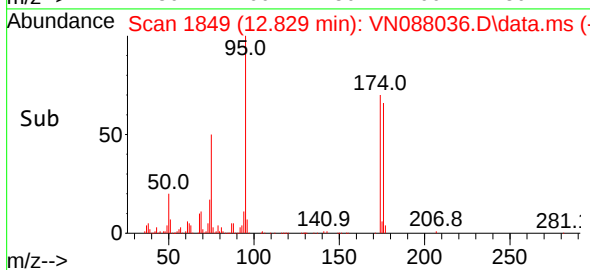
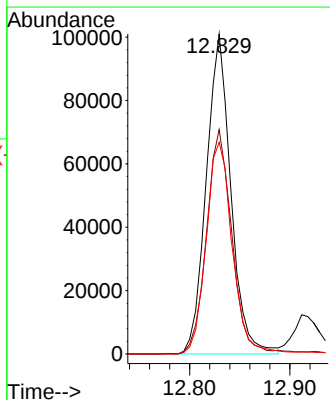
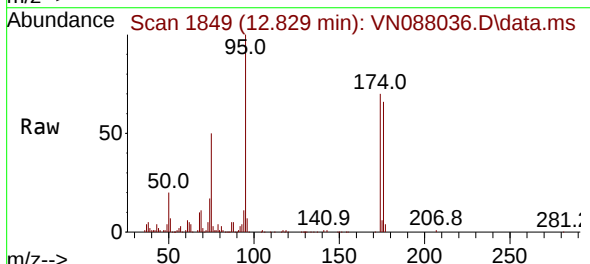
Manual Integrations
APPROVED

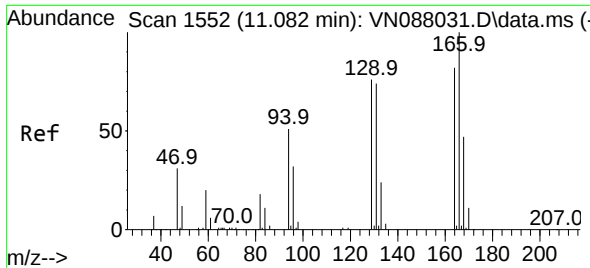
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#60
4-Bromofluorobenzene
Concen: 29.914 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

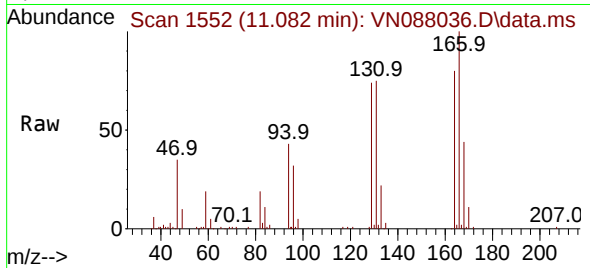
Tgt Ion: 95 Resp: 172458
Ion Ratio Lower Upper
95 100
174 71.6 57.4 86.0
176 70.1 57.0 85.4





#61
Tetrachloroethene
Concen: 20.058 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

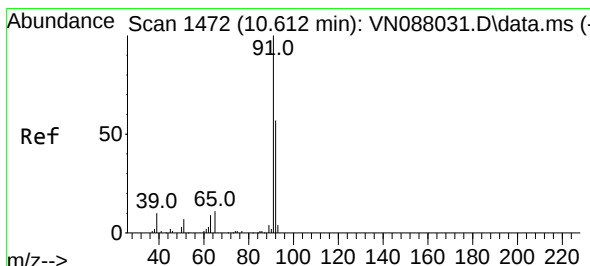
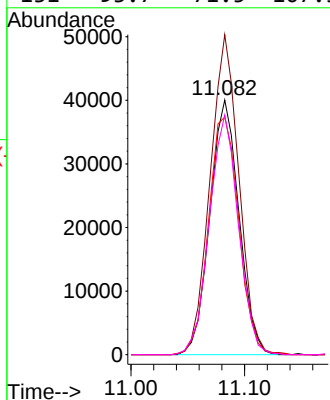
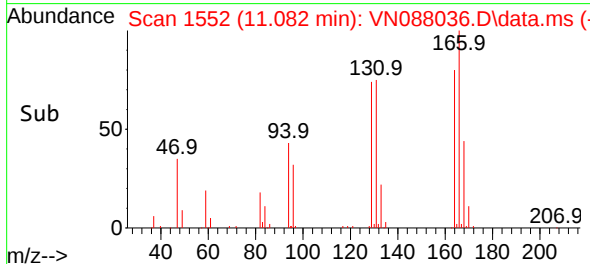
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion:164 Resp: 7103
Ion Ratio Lower Upper
164 100
166 125.2 97.2 145.8
129 92.7 73.7 110.5
131 93.7 71.5 107.3

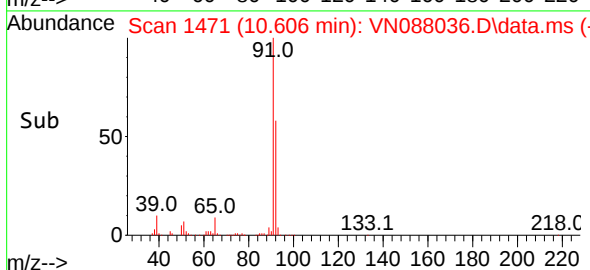
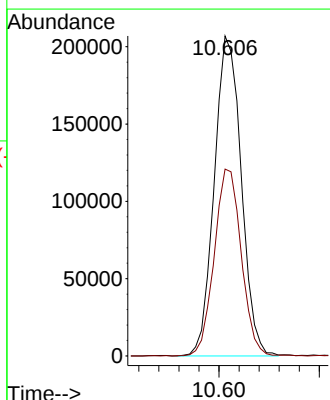
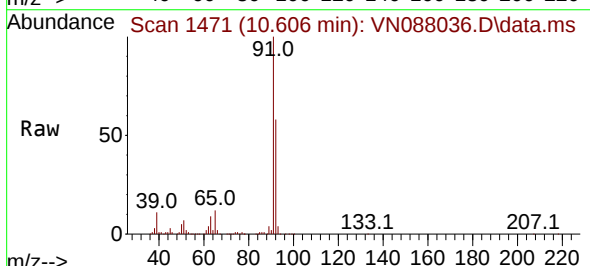
Manual Integrations
APPROVED

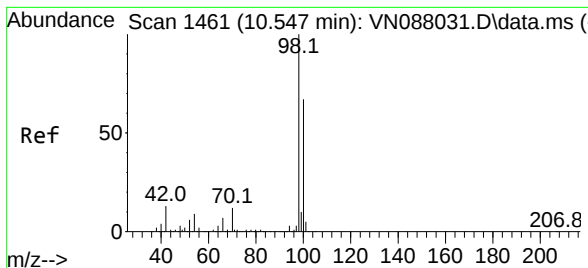
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#62
Toluene
Concen: 19.478 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

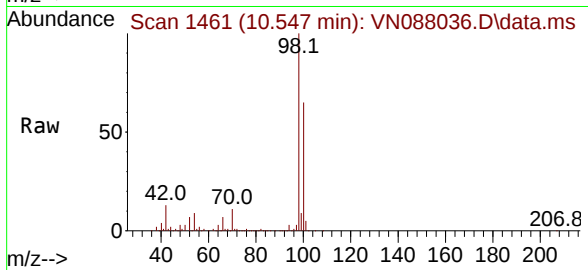
Tgt Ion: 91 Resp: 386375
Ion Ratio Lower Upper
91 100
92 58.4 45.8 68.8





#63
Toluene-d8
Concen: 30.075 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

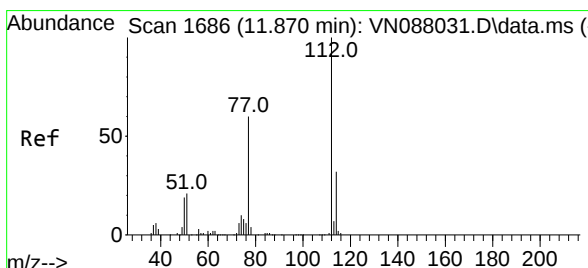
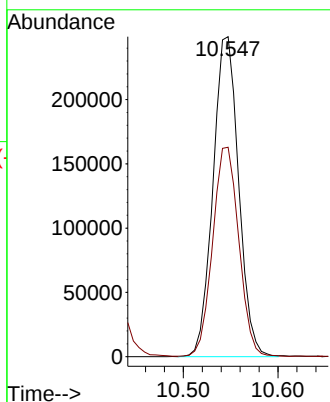
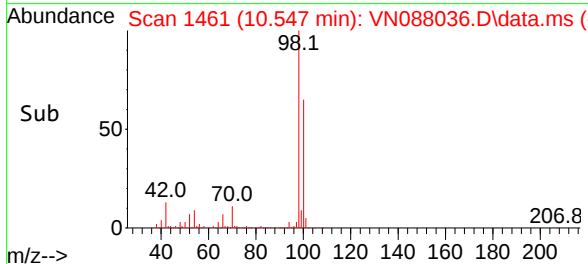
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion: 98 Resp: 468600
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

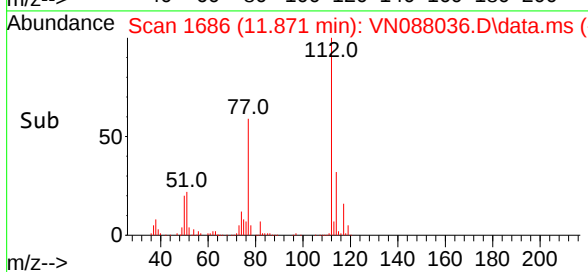
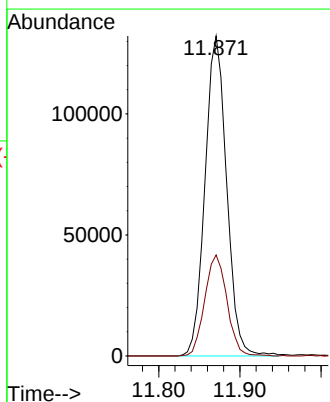
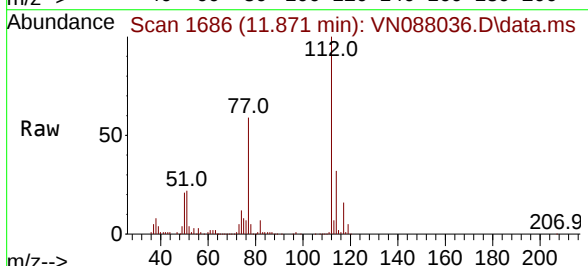
Manual Integrations
APPROVED

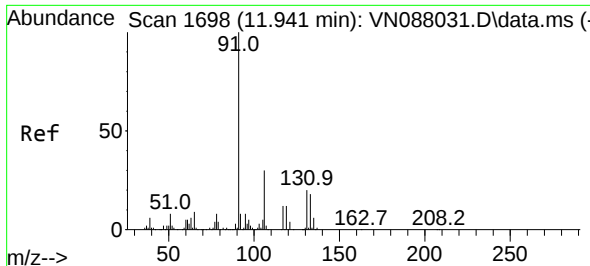
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#64
Chlorobenzene
Concen: 19.301 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

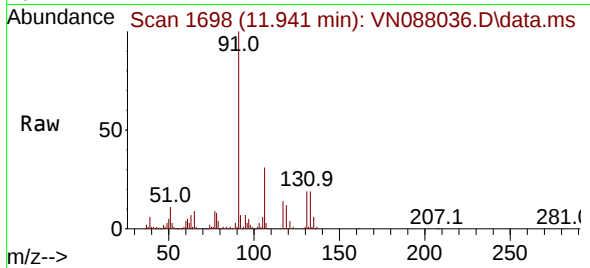
Tgt Ion:112 Resp: 244551
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 19.526 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

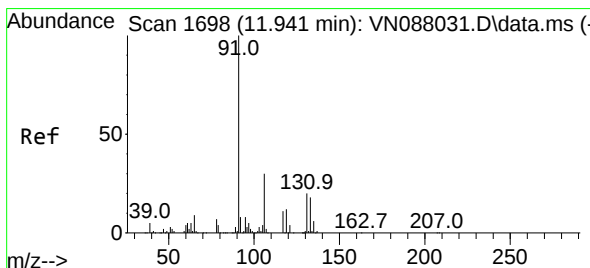
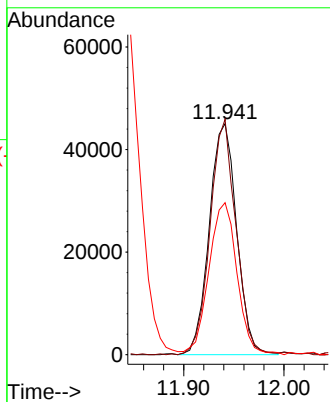
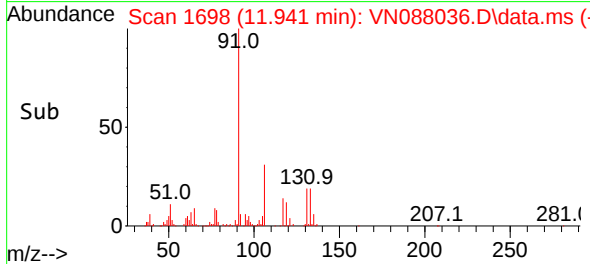
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion:131 Resp: 85260
Ion Ratio Lower Upper
131 100
133 96.2 0.0 183.8
119 67.4 0.0 132.0

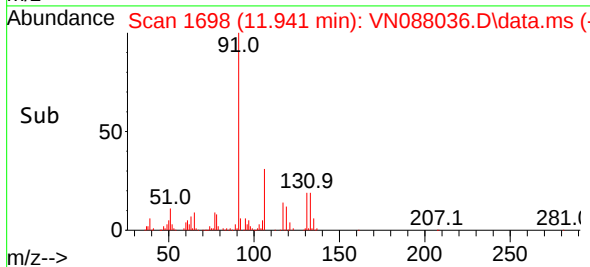
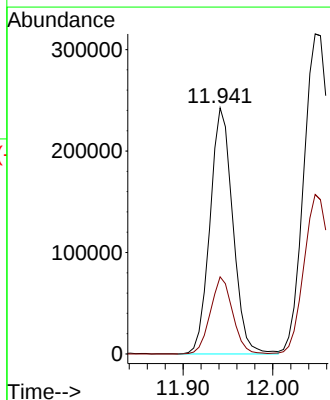
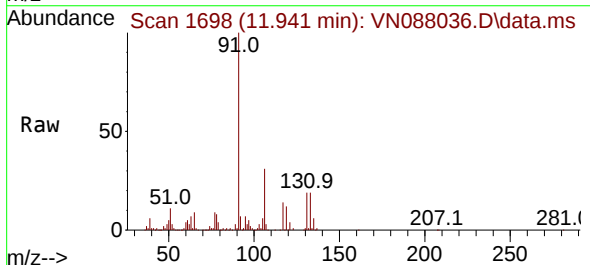
Manual Integrations
APPROVED

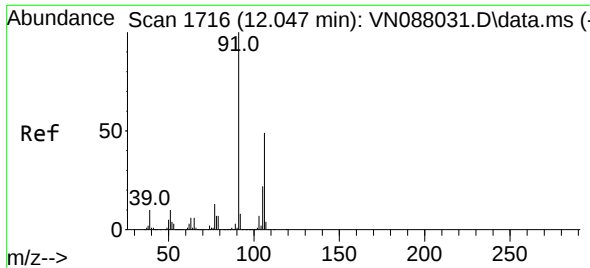
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#66
Ethyl Benzene
Concen: 19.892 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

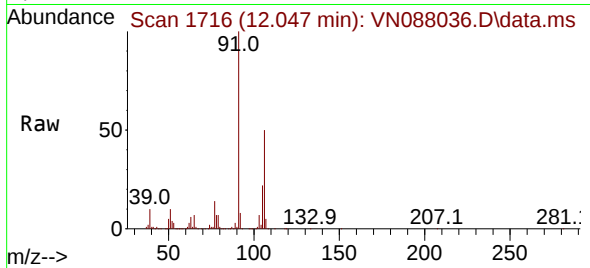
Tgt Ion: 91 Resp: 429071
Ion Ratio Lower Upper
91 100
106 31.4 24.0 36.0





#67
m/p-Xylenes
Concen: 38.967 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

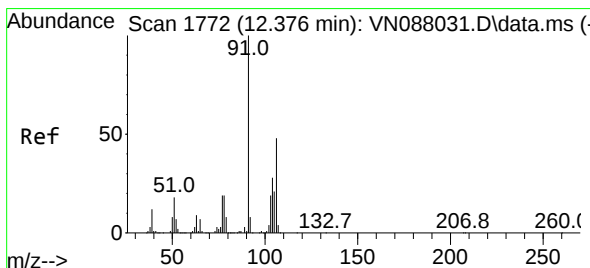
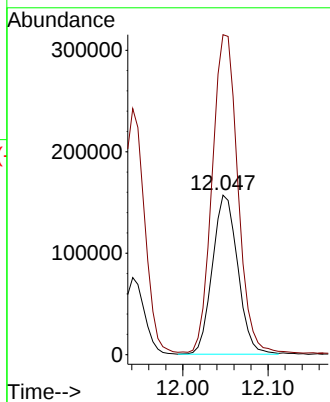
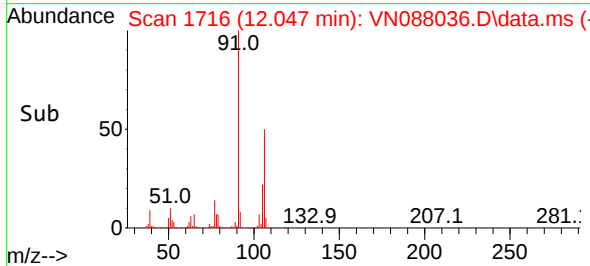
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



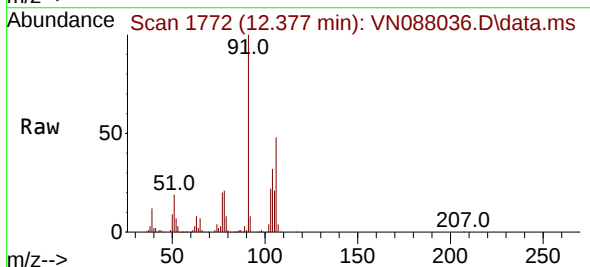
Tgt Ion:106 Resp: 324024
Ion Ratio Lower Upper
106 100
91 202.5 161.4 242.0

Manual Integrations
APPROVED

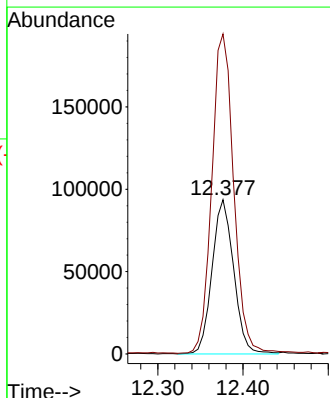
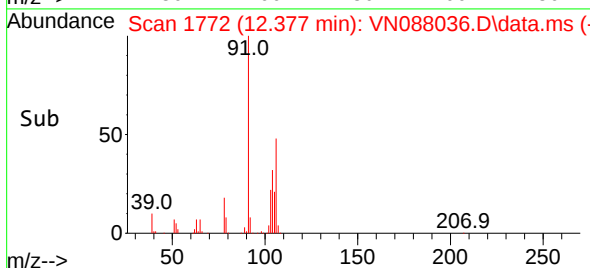
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

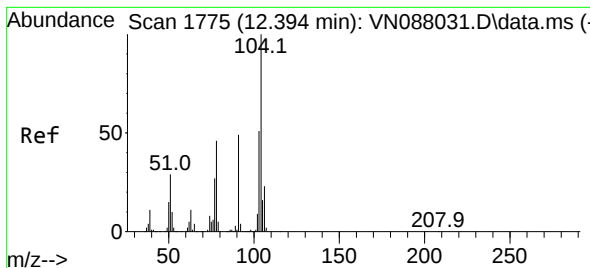


#68
o-Xylene
Concen: 19.959 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52



Tgt Ion:106 Resp: 165214
Ion Ratio Lower Upper
106 100
91 208.7 105.2 315.6





#69

Styrene

Concen: 19.412 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN088036.D

Acq: 08 Oct 2025 12:52

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100825

Tgt Ion:104 Resp: 265810

Ion Ratio Lower Upper

104 100

78 50.0 41.8 62.6

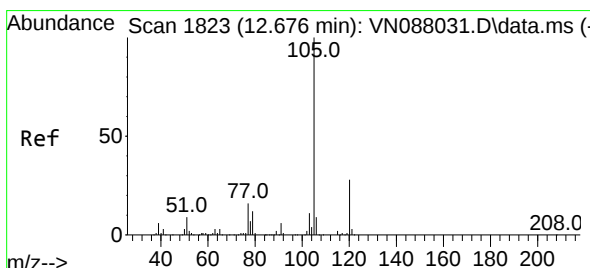
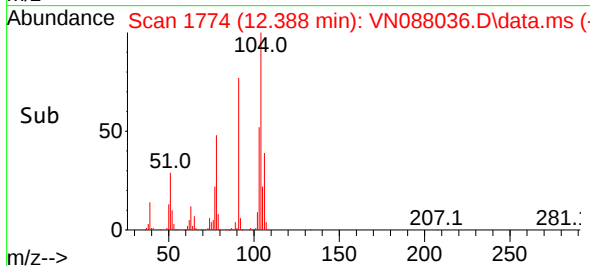
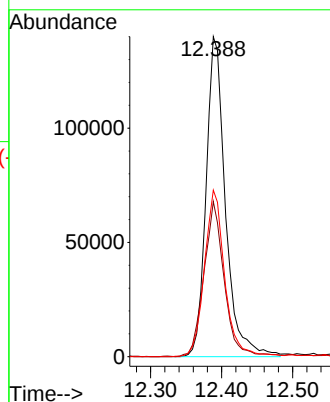
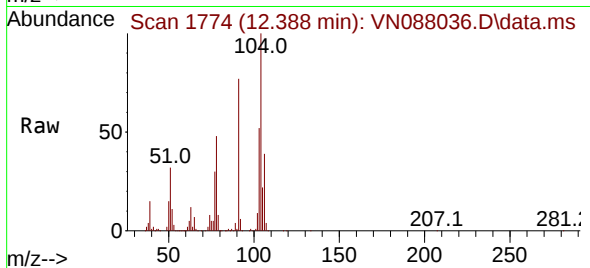
103 54.7 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#70

Isopropylbenzene

Concen: 19.630 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.000 min

Lab File: VN088036.D

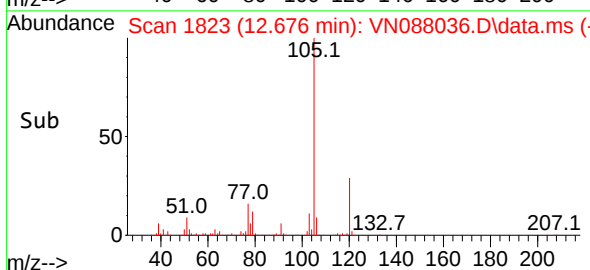
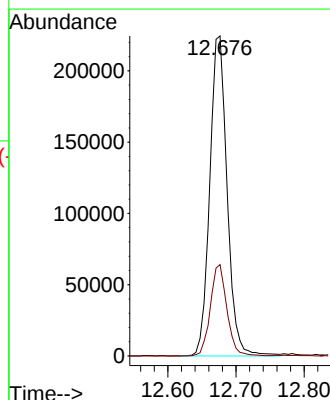
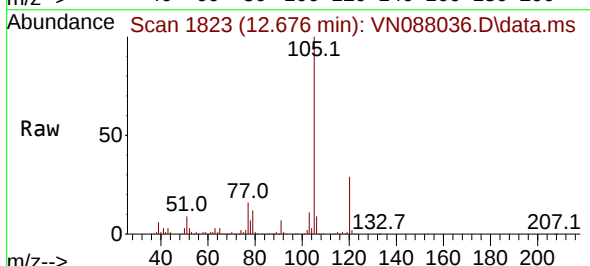
Acq: 08 Oct 2025 12:52

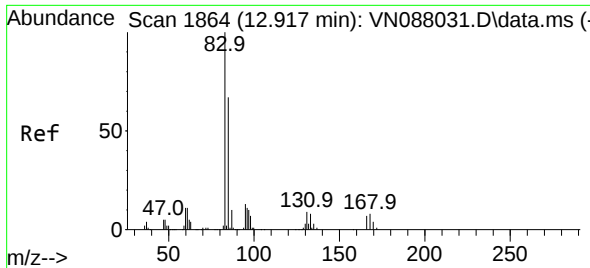
Tgt Ion:105 Resp: 398248

Ion Ratio Lower Upper

105 100

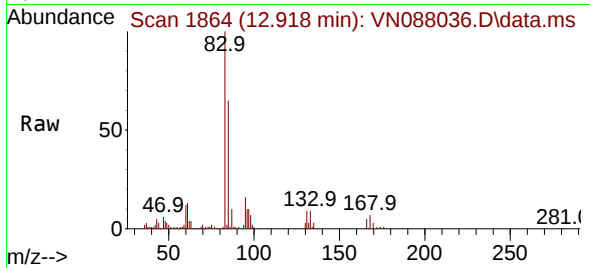
120 27.2 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.080 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

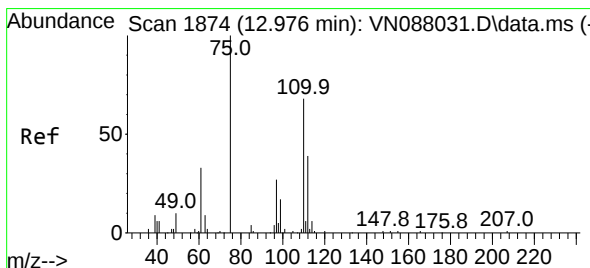
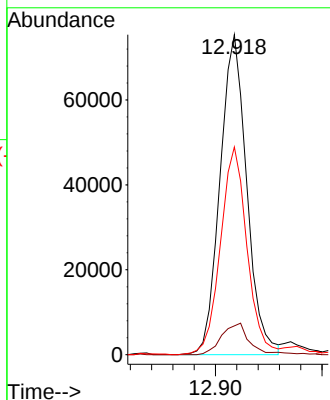
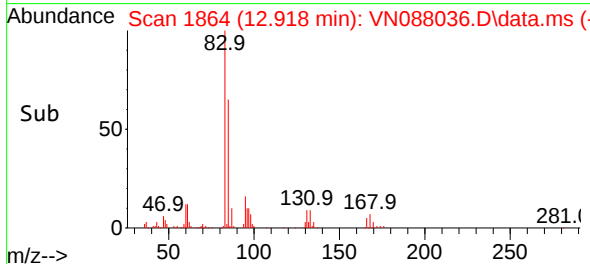
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion: 83 Resp: 131239
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 64.4 32.4 97.2

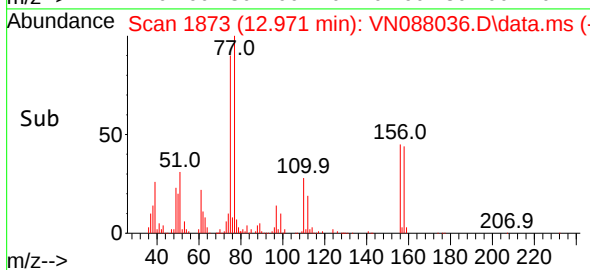
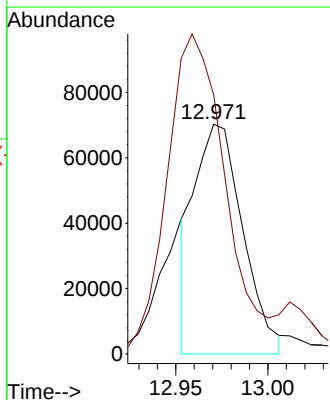
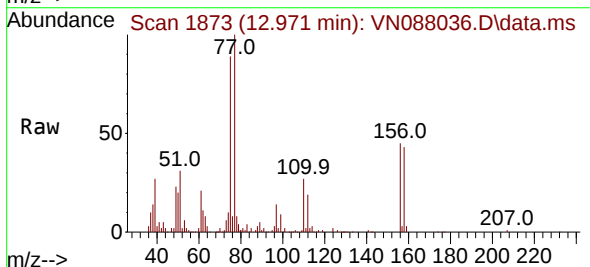
Manual Integrations
APPROVED

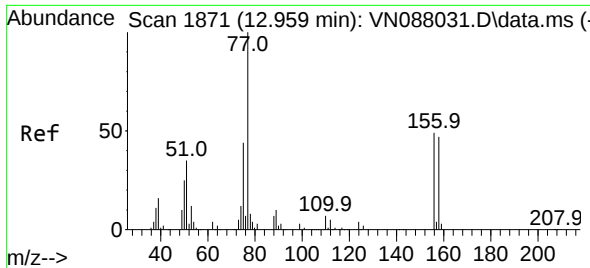
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#72
1,2,3-Trichloropropane
Concen: 20.021 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

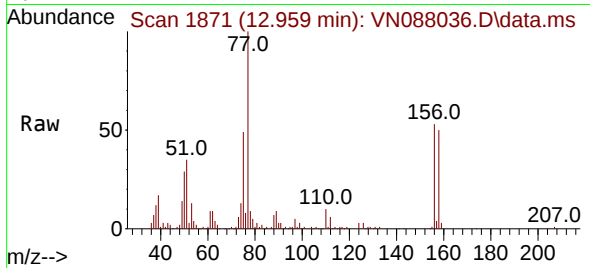
Tgt Ion: 75 Resp: 127895
Ion Ratio Lower Upper
75 100
77 166.5 0.0 364.0





#73
Bromobenzene
Concen: 19.358 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

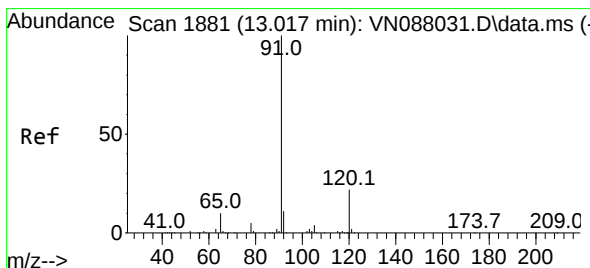
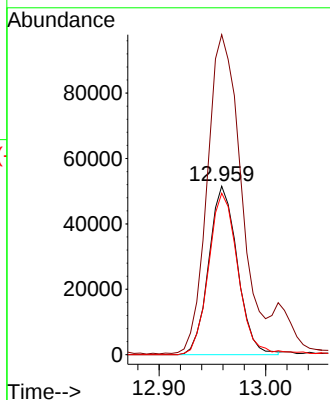
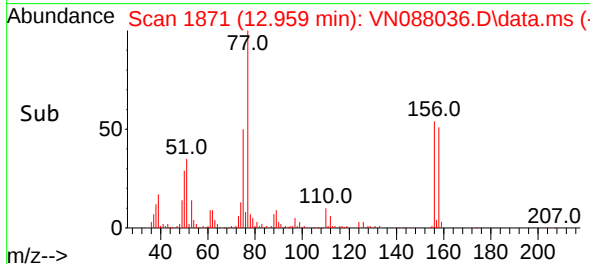
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion:156 Resp: 9599
Ion Ratio Lower Upper
156 100
77 221.8 0.0 439.8
158 97.1 0.0 190.0

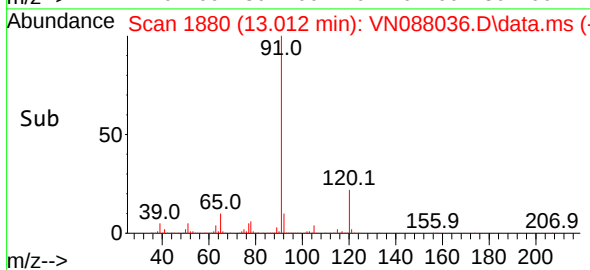
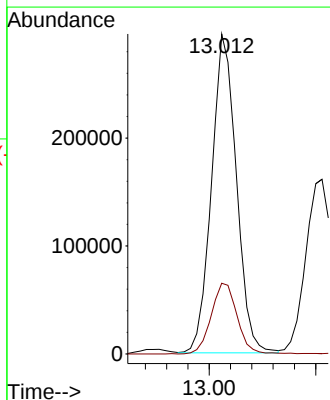
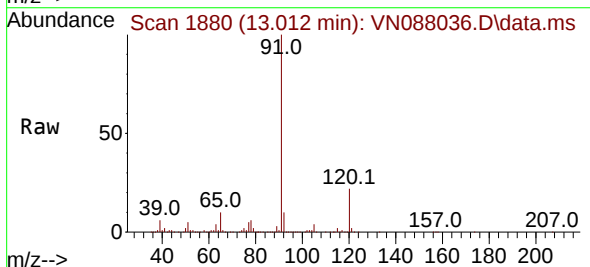
Manual Integrations
APPROVED

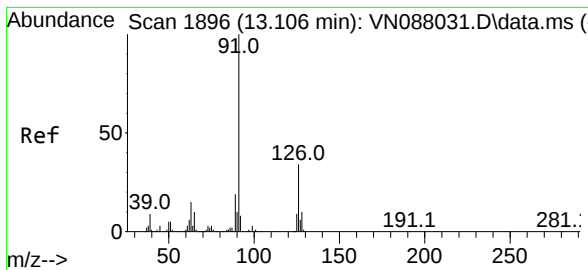
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#74
n-propylbenzene
Concen: 19.511 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

Tgt Ion: 91 Resp: 477849
Ion Ratio Lower Upper
91 100
120 23.0 0.0 46.2





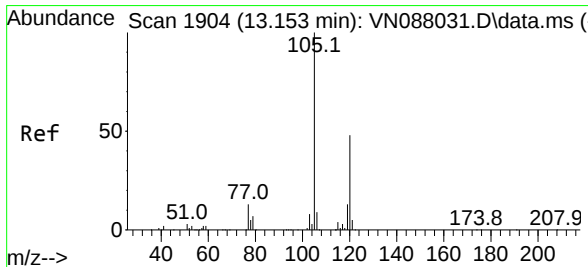
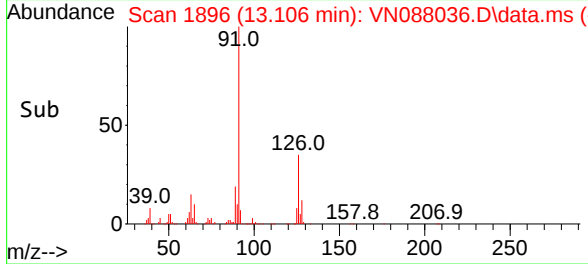
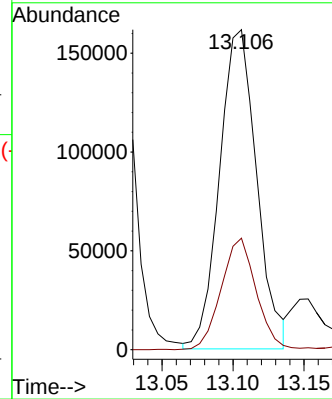
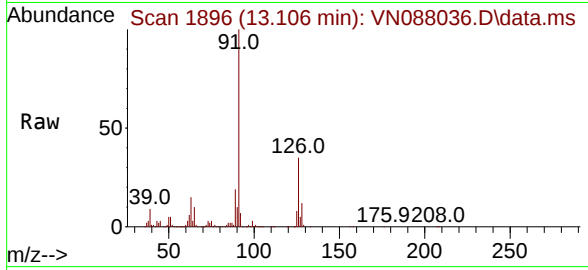
#75
2-Chlorotoluene
Concen: 19.590 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825

Tgt Ion: 91 Resp: 29336
Ion Ratio Lower Upper
91 100
126 32.9 0.0 66.6

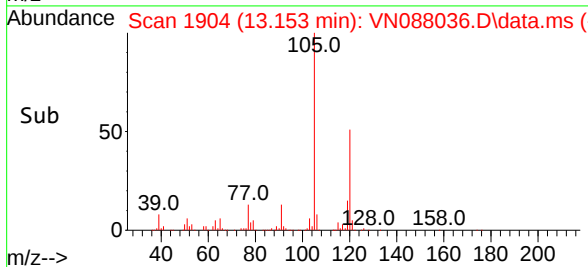
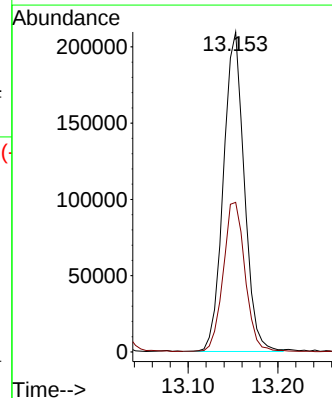
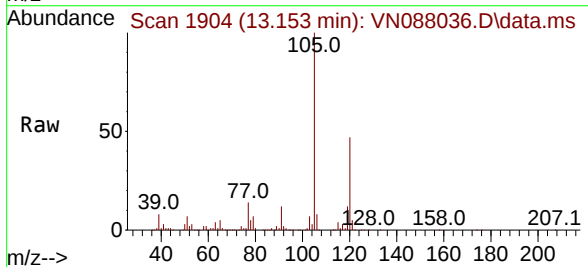
Manual Integrations
APPROVED

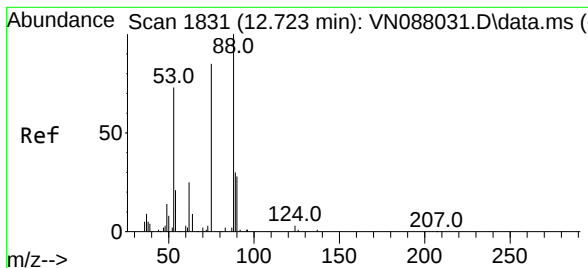
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.632 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

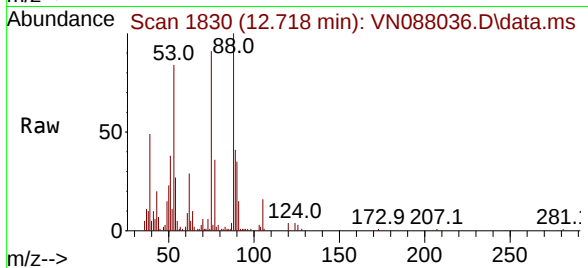
Tgt Ion:105 Resp: 338338
Ion Ratio Lower Upper
105 100
120 49.4 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 17.725 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

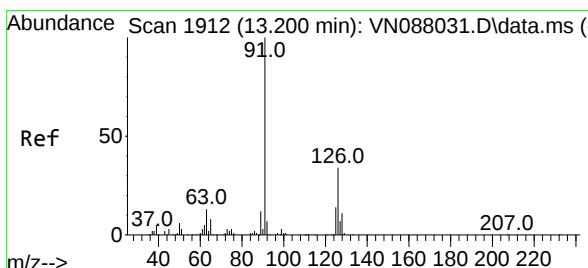
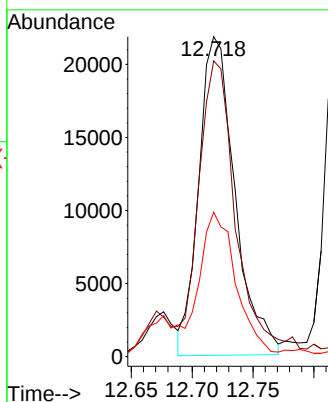
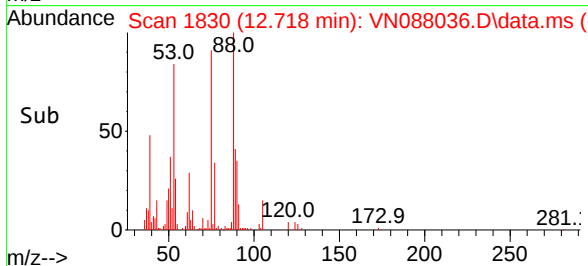
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion: 75 Resp: 45124
Ion Ratio Lower Upper
75 100
53 90.6 41.8 125.3
89 45.4 19.9 59.6

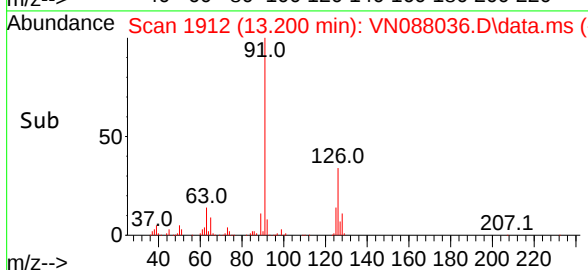
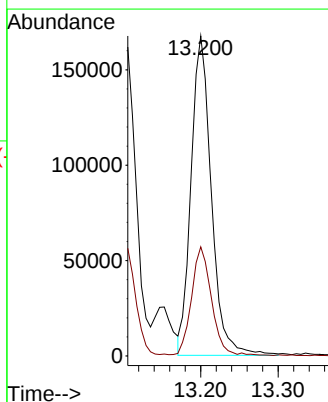
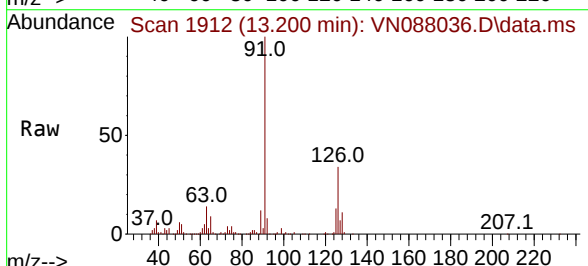
Manual Integrations
APPROVED

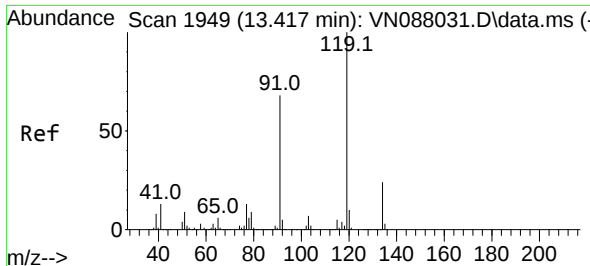
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#78
4-Chlorotoluene
Concen: 20.011 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

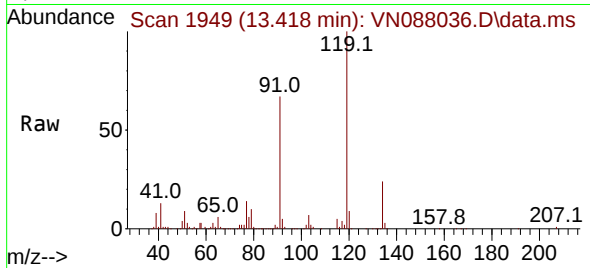
Tgt Ion: 91 Resp: 304451
Ion Ratio Lower Upper
91 100
126 32.2 0.0 68.8





#79
tert-butylbenzene
Concen: 20.095 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

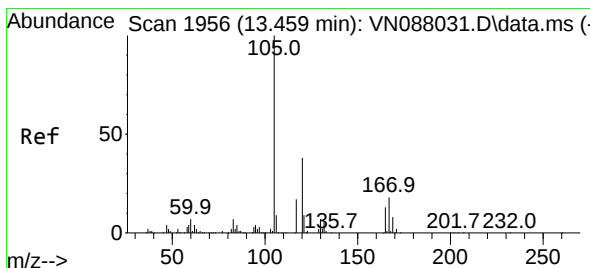
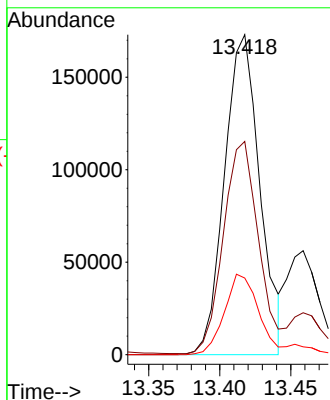
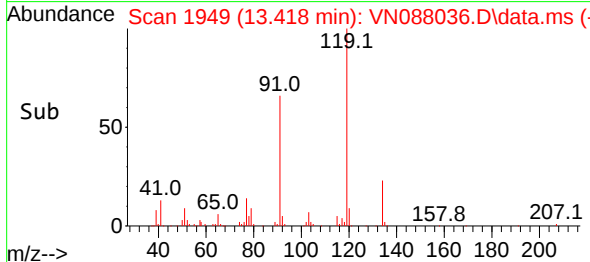
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



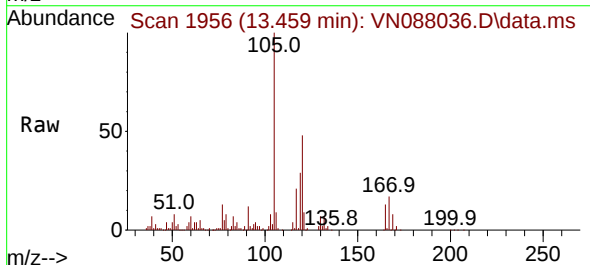
Tgt Ion:119 Resp: 300210
Ion Ratio Lower Upper
119 100
91 65.5 0.0 132.4
134 24.0 0.0 48.6

Manual Integrations
APPROVED

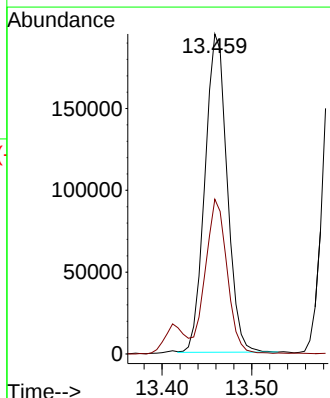
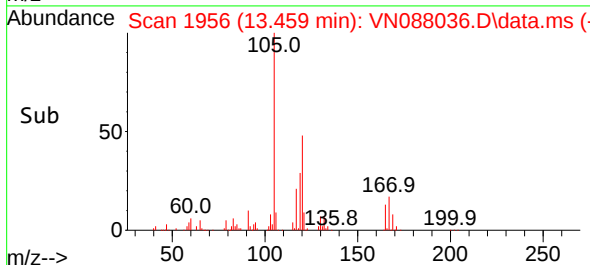
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

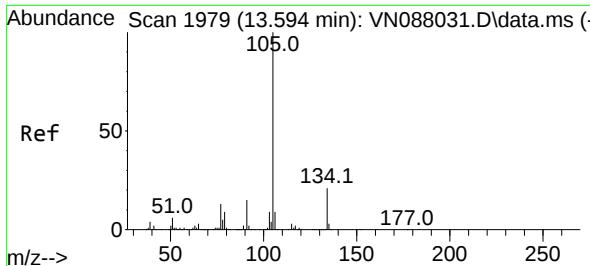


#80
1,2,4-Trimethylbenzene
Concen: 19.362 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52



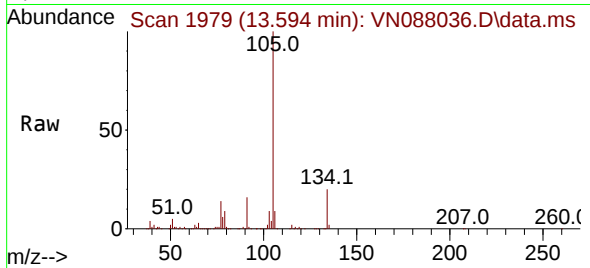
Tgt Ion:105 Resp: 334037
Ion Ratio Lower Upper
105 100
120 47.3 0.0 93.8





#81
 sec-Butylbenzene
 Concen: 20.024 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088036.D
 Acq: 08 Oct 2025 12:52

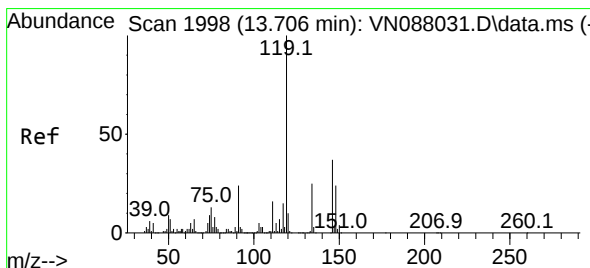
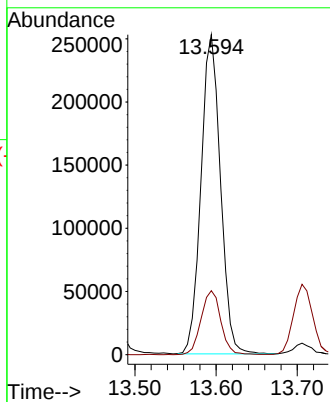
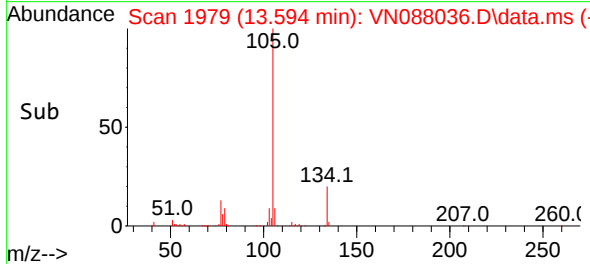
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN100825



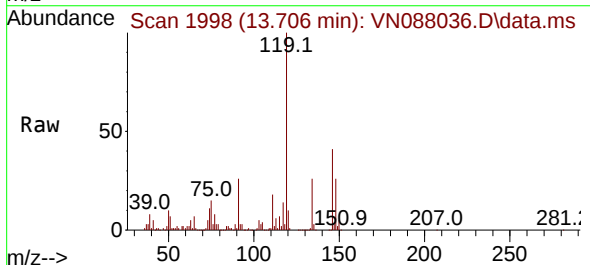
Tgt Ion:105 Resp: 420608
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 41.2

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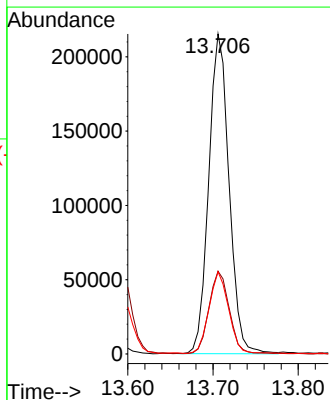
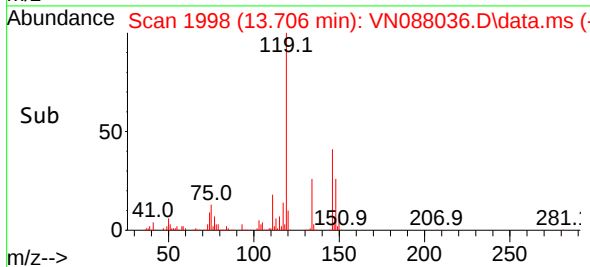
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025

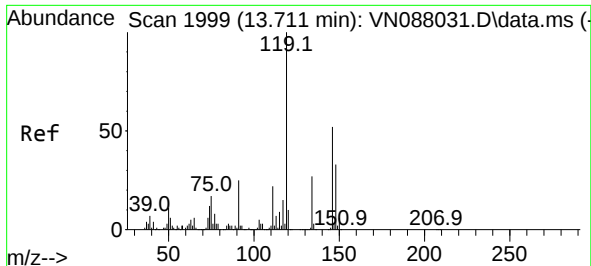


#82
 p-Isopropyltoluene
 Concen: 19.946 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088036.D
 Acq: 08 Oct 2025 12:52



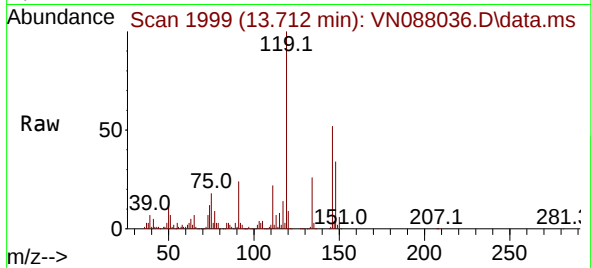
Tgt Ion:119 Resp: 357698
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.6
 91 24.4 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 19.575 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

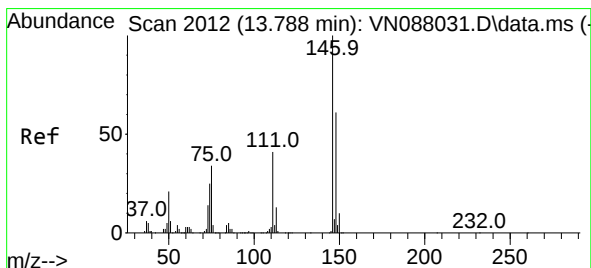
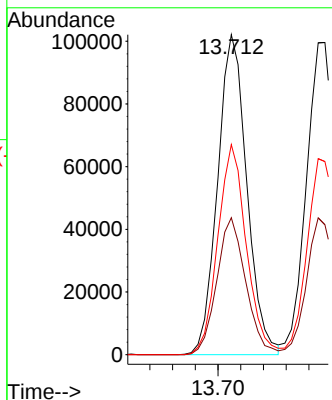
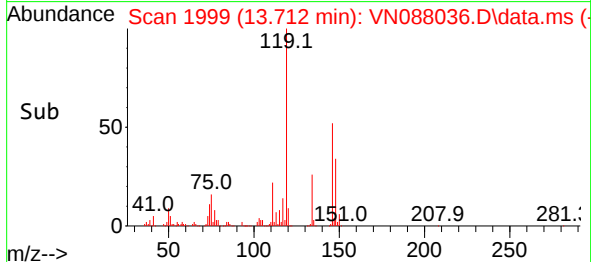
Instrument : MSVOA_N
ClientSampleId : ICVVN100825



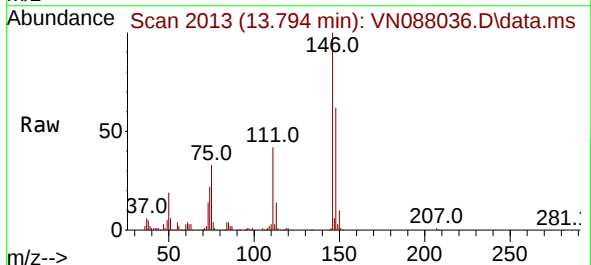
Tgt Ion:146 Resp: 182630
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.1
148 64.1 31.5 94.5

Manual Integrations
APPROVED

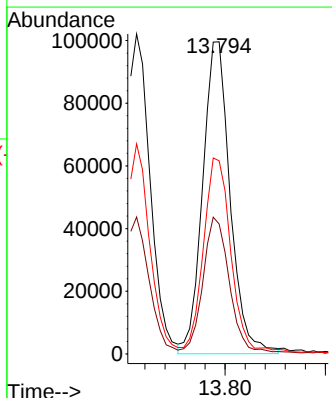
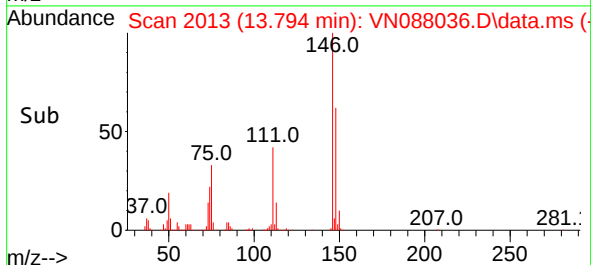
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

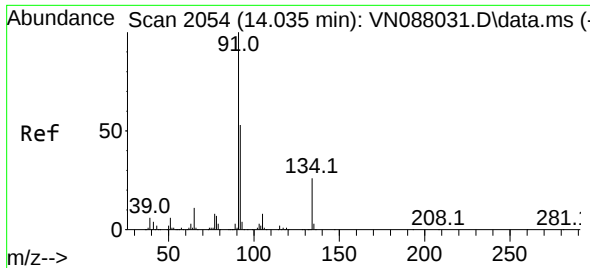


#84
1,4-Dichlorobenzene
Concen: 19.717 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52



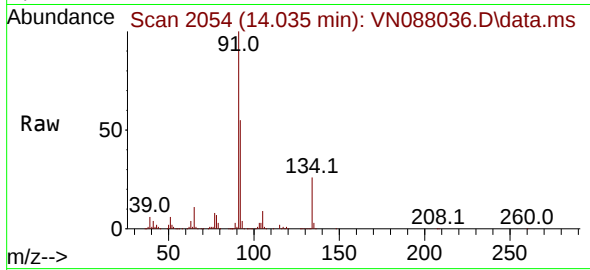
Tgt Ion:146 Resp: 189713
Ion Ratio Lower Upper
146 100
111 40.9 20.5 61.6
148 60.0 31.9 95.9





#85
n-Butylbenzene
Concen: 19.531 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

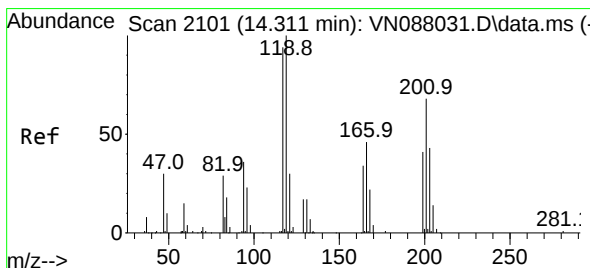
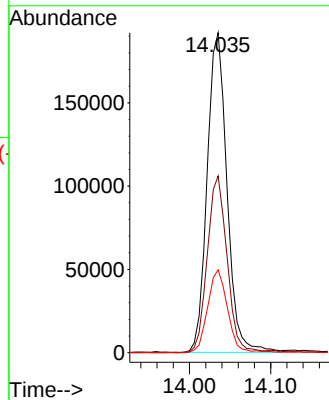
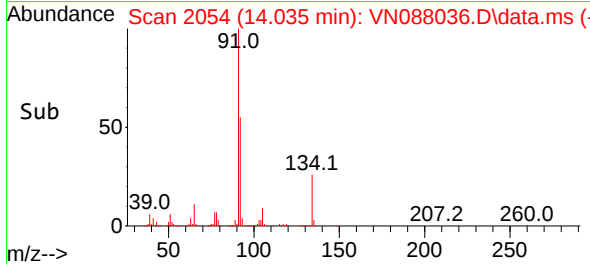
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



Tgt Ion: 91 Resp: 32585
Ion Ratio Lower Upper
91 100
92 55.0 0.0 107.6
134 25.6 0.0 52.6

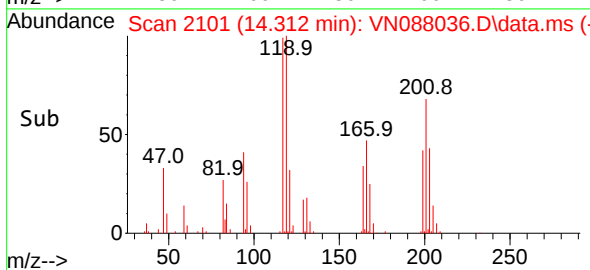
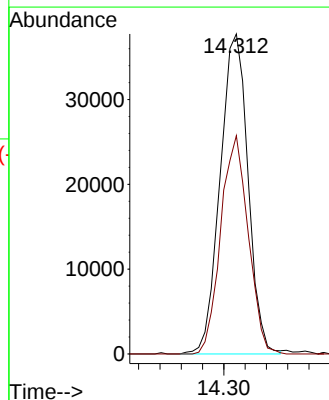
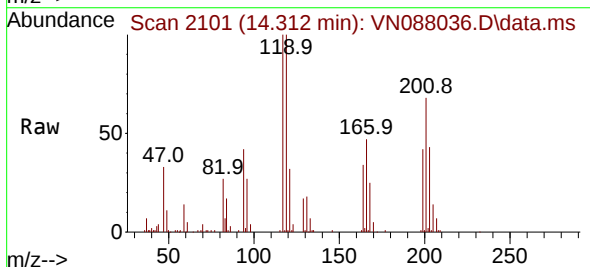
Manual Integrations
APPROVED

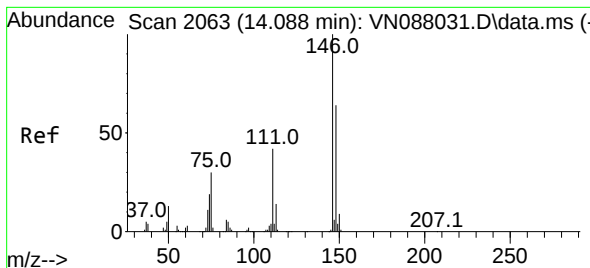
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#86
Hexachloroethane
Concen: 19.082 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

Tgt Ion:117 Resp: 68552
Ion Ratio Lower Upper
117 100
201 67.2 34.8 104.3





#87

1,2-Dichlorobenzene

Concen: 19.720 ug/l

RT: 14.082 min Scan# 2063

Delta R.T. -0.006 min

Lab File: VN088036.D

Acq: 08 Oct 2025 12:52

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100825

Tgt Ion:146 Resp: 18096

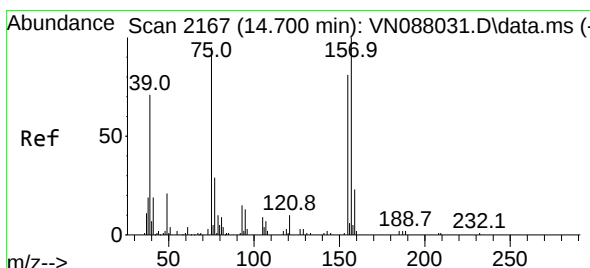
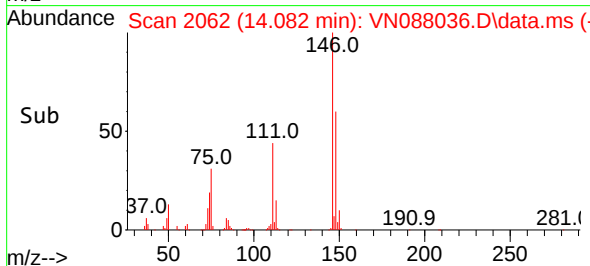
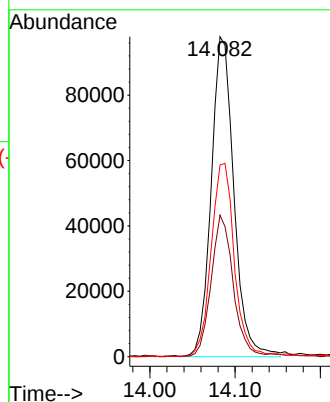
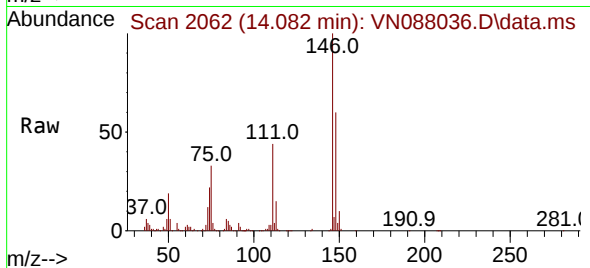
Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.3	66.8
148	61.7	31.4	94.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.472 ug/l

RT: 14.700 min Scan# 2167

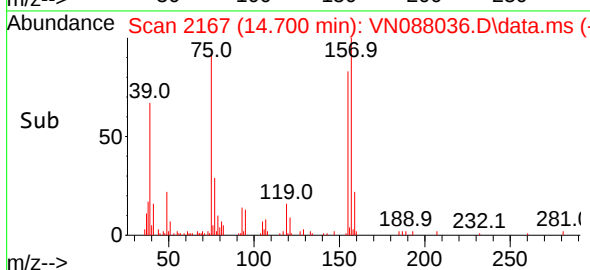
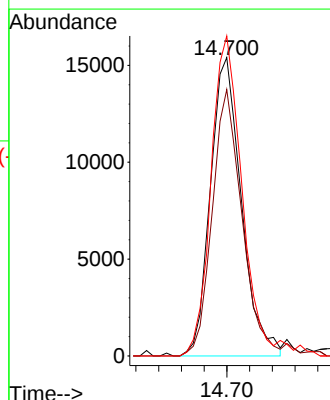
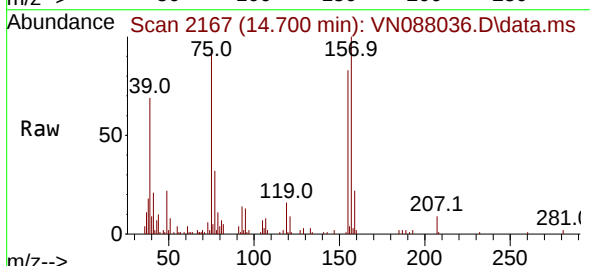
Delta R.T. 0.000 min

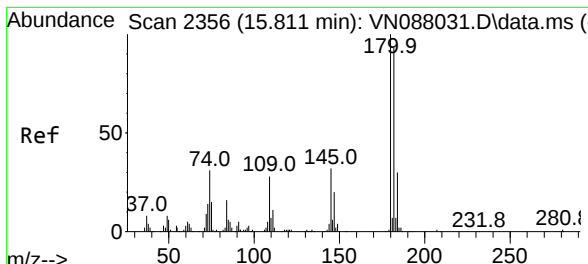
Lab File: VN088036.D

Acq: 08 Oct 2025 12:52

Tgt Ion: 75 Resp: 29181

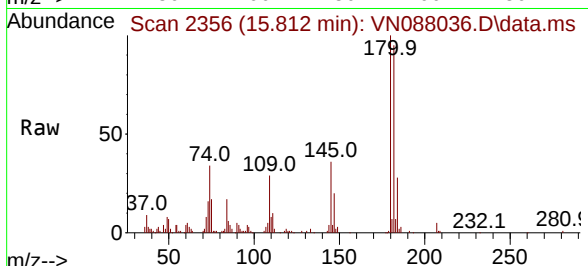
Ion	Ratio	Lower	Upper
75	100		
155	85.6	63.5	95.3
157	105.5	81.7	122.5





#89
1,2,4-Trichlorobenzene
Concen: 19.094 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

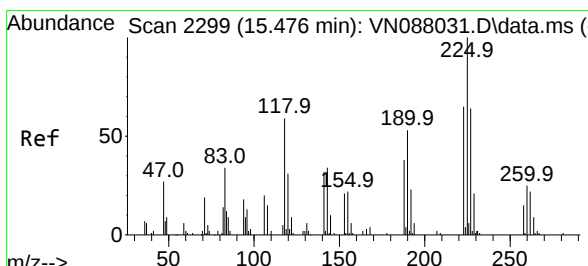
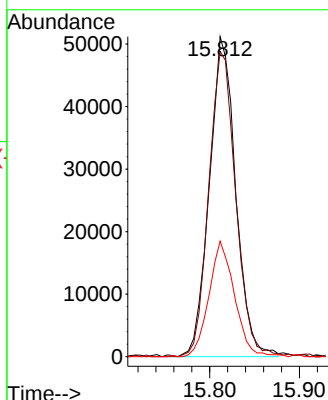
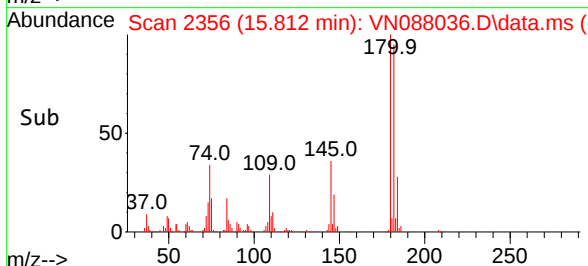
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



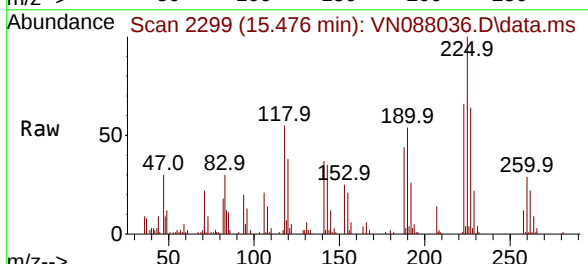
Tgt Ion:180 Resp: 104369
Ion Ratio Lower Upper
180 100
182 97.1 74.6 112.0
145 34.8 27.2 40.8

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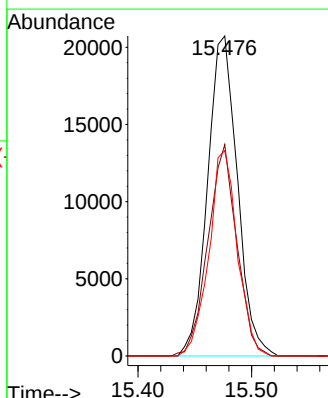
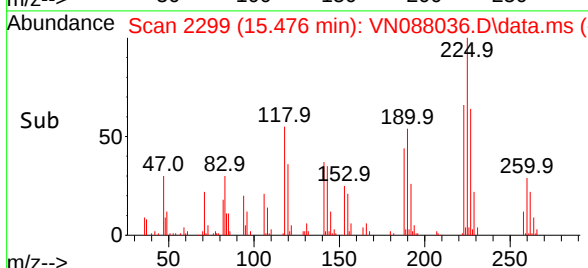
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

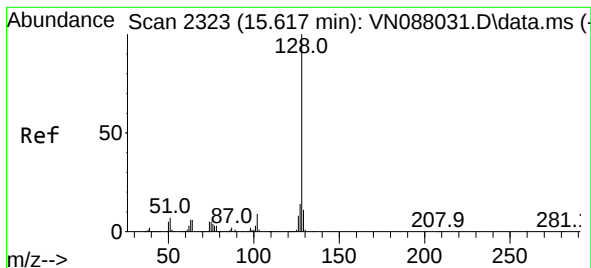


#90
Hexachlorobutadiene
Concen: 19.868 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52



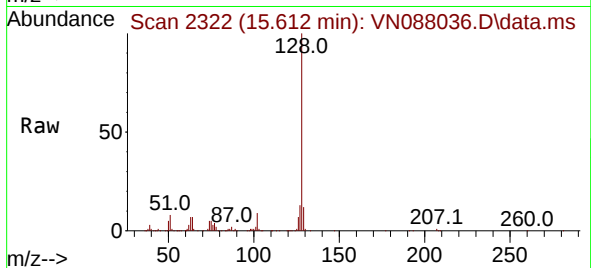
Tgt Ion:225 Resp: 37798
Ion Ratio Lower Upper
225 100
223 63.9 0.0 129.6
227 61.2 0.0 132.2





#91
Naphthalene
Concen: 19.071 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52

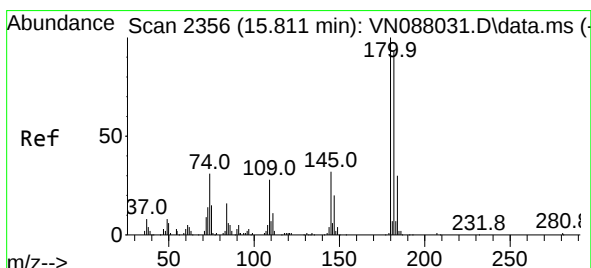
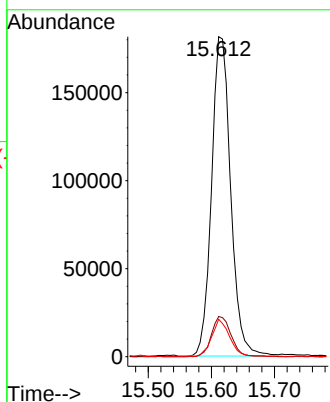
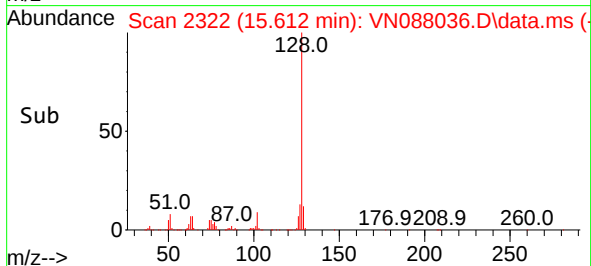
Instrument :
MSVOA_N
ClientSampleId :
ICVVN100825



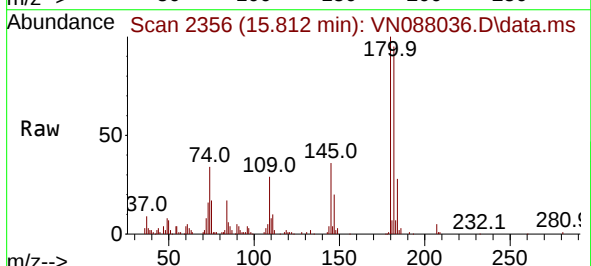
Tgt Ion:128 Resp: 38164
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.6 13.0

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: 19.094 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088036.D
Acq: 08 Oct 2025 12:52



Tgt Ion:180 Resp: 104369
Ion Ratio Lower Upper
180 100
182 97.1 0.0 186.6
145 34.8 0.0 68.0

