

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088031.D
 Acq On : 08 Oct 2025 10:08
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 02:01:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 01:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	71387	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	401663	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	355387	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	165568	29.785	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.267%		
60) 4-Bromofluorobenzene	12.829	95	176557	30.136	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.467%		
63) Toluene-d8	10.547	98	477319	30.145	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	85073	20.806	ug/l	100
3) Chloromethane	2.383	50	92431	19.939	ug/l	100
4) Vinyl Chloride	2.536	62	97272	20.124	ug/l	100
5) Bromomethane	2.983	94	49554	19.065	ug/l	100
6) Chloroethane	3.136	64	63320	19.859	ug/l	98
7) Trichlorofluoromethane	3.506	101	130253	19.817	ug/l	100
8) Diethyl Ether	3.959	74	58264	19.618	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	69507	19.754	ug/l	100
10) 1,1-Dichloroethene	4.330	96	74211	19.771	ug/l	100
11) Methyl Iodide	4.577	142	57156	16.522	ug/l	100
12) Methyl Acetate	5.018	43	120527	20.303	ug/l	100
13) Acrolein	4.177	56	83909	88.861	ug/l #	4
14) Acrylonitrile	5.706	53	290536	98.664	ug/l	100
15) Acetone	4.424	58	86871	100.424	ug/l	100
16) Carbon Disulfide	4.694	76	231559	19.680	ug/l	100
17) Allyl chloride	5.012	41	139881	19.750	ug/l	100
18) Methylene Chloride	5.259	84	92593	19.409	ug/l	100
19) trans-1,2-Dichloroethene	5.777	96	86884	20.021	ug/l	100
20) Diisopropyl ether	6.659	45	320294	19.864	ug/l	100
21) 1,1-Dichloroethane	6.553	63	167086	19.905	ug/l	100
22) cis-1,2-Dichloroethene	7.471	96	107728	19.831	ug/l	100
23) tert-Butyl Alcohol	5.530	59	117569	99.549	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	319297	19.708	ug/l	100
25) Chloroform	7.953	83	170511	19.684	ug/l	100
26) Cyclohexane	8.241	56	141068	20.283	ug/l	100
29) 1,1-Dichloropropene	8.353	75	112668	19.569	ug/l	100
30) 2-Butanone	7.477	43	422066	99.396	ug/l	100
31) 2,2-Dichloropropane	7.477	77	147354	19.837	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	144223	20.047	ug/l	100
33) Carbon Tetrachloride	8.347	117	119094	19.764	ug/l	100
34) Benzene	8.588	78	375303	19.653	ug/l	100
35) Methacrylonitrile	7.759	41	89107	19.955	ug/l	100
36) 1,2-Dichloroethane	8.653	62	131101	19.775	ug/l	100
37) Trichloroethene	9.335	130	89526	19.787	ug/l	100
38) Methylcyclohexane	9.582	83	139683	19.646	ug/l	100
39) 1,2-Dichloropropane	9.600	63	93775	19.584	ug/l	100
40) Dibromomethane	9.688	93	69093	19.823	ug/l	100
41) Bromodichloromethane	9.871	83	138534	19.460	ug/l	100
42) Vinyl Acetate	6.588	43	1347005	93.117	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	163041	19.974	ug/l	100
44) Isopropyl Acetate	8.677	43	261811	19.638	ug/l	100
45) 1,4-Dioxane	9.676	88	38180	430.590	ug/l	100
46) Methyl methacrylate	9.665	41	103153	17.569	ug/l	100
47) n-amyl Acetate	12.570	43	122978m	20.993	ug/l	
48) t-1,3-Dichloropropene	10.818	75	152693	19.289	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	161768	19.591	ug/l	100
50) 1,1,2-Trichloroethane	10.994	97	90592	19.626	ug/l	100
51) Ethyl methacrylate	10.859	69	147903	18.933	ug/l	100
52) 1,3-Dichloropropane	11.141	76	158729	19.710	ug/l	100
53) Dibromochloromethane	11.335	129	106989	19.388	ug/l	100
54) 1,2-Dibromoethane	11.447	107	96091	19.472	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	427409	101.363	ug/l	100
56) Bromoform	12.559	173	71081	19.053	ug/l	100
58) 4-Methyl-2-Pentanone	10.429	43	794535	99.952	ug/l	100
59) 2-Hexanone	11.182	43	517498	98.602	ug/l	100
61) Tetrachloroethene	11.082	164	72535	20.155	ug/l	100
62) Toluene	10.612	91	402666	19.975	ug/l	100
64) Chlorobenzene	11.870	112	256863	19.949	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	90536	20.403	ug/l	100
66) Ethyl Benzene	11.941	91	435618	19.873	ug/l	100
67) m/p-Xylenes	12.047	106	338147	40.016	ug/l	100
68) o-Xylene	12.376	106	168249	20.001	ug/l	100
69) Styrene	12.394	104	268372	19.286	ug/l	100
70) Isopropylbenzene	12.676	105	407637	19.771	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.917	83	138052	19.750	ug/l	100
72) 1,2,3-Trichloropropane	12.976	75	122603m	18.069	ug/l	
73) Bromobenzene	12.959	156	101455	20.133	ug/l	100
74) n-propylbenzene	13.017	91	493301	19.820	ug/l	100
75) 2-Chlorotoluene	13.106	91	301590	19.817	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	346960	19.811	ug/l	100
77) t-1,4-Dichloro-2-butene	12.723	75	46433	18.492	ug/l	100
78) 4-Chlorotoluene	13.200	91	307157	19.866	ug/l	100
79) tert-butylbenzene	13.417	119	304884	20.082	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	349065	19.910	ug/l	100
81) sec-Butylbenzene	13.594	105	426975	20.002	ug/l	100
82) p-Isopropyltoluene	13.706	119	364945	20.025	ug/l	100
83) 1,3-Dichlorobenzene	13.711	146	190476	20.090	ug/l	100
84) 1,4-Dichlorobenzene	13.788	146	197354	20.183	ug/l	100
85) n-Butylbenzene	14.035	91	339471	20.022	ug/l	100
86) Hexachloroethane	14.311	117	71806	19.668	ug/l	100
87) 1,2-Dichlorobenzene	14.088	146	186272	19.974	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.700	75	33189	20.674	ug/l	100
89) 1,2,4-Trichlorobenzene	15.811	180	111303	20.037	ug/l	100
90) Hexachlorobutadiene	15.476	225	37802	19.553	ug/l	100
91) Naphthalene	15.617	128	404900	19.910	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	111303	20.037	ug/l	100

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

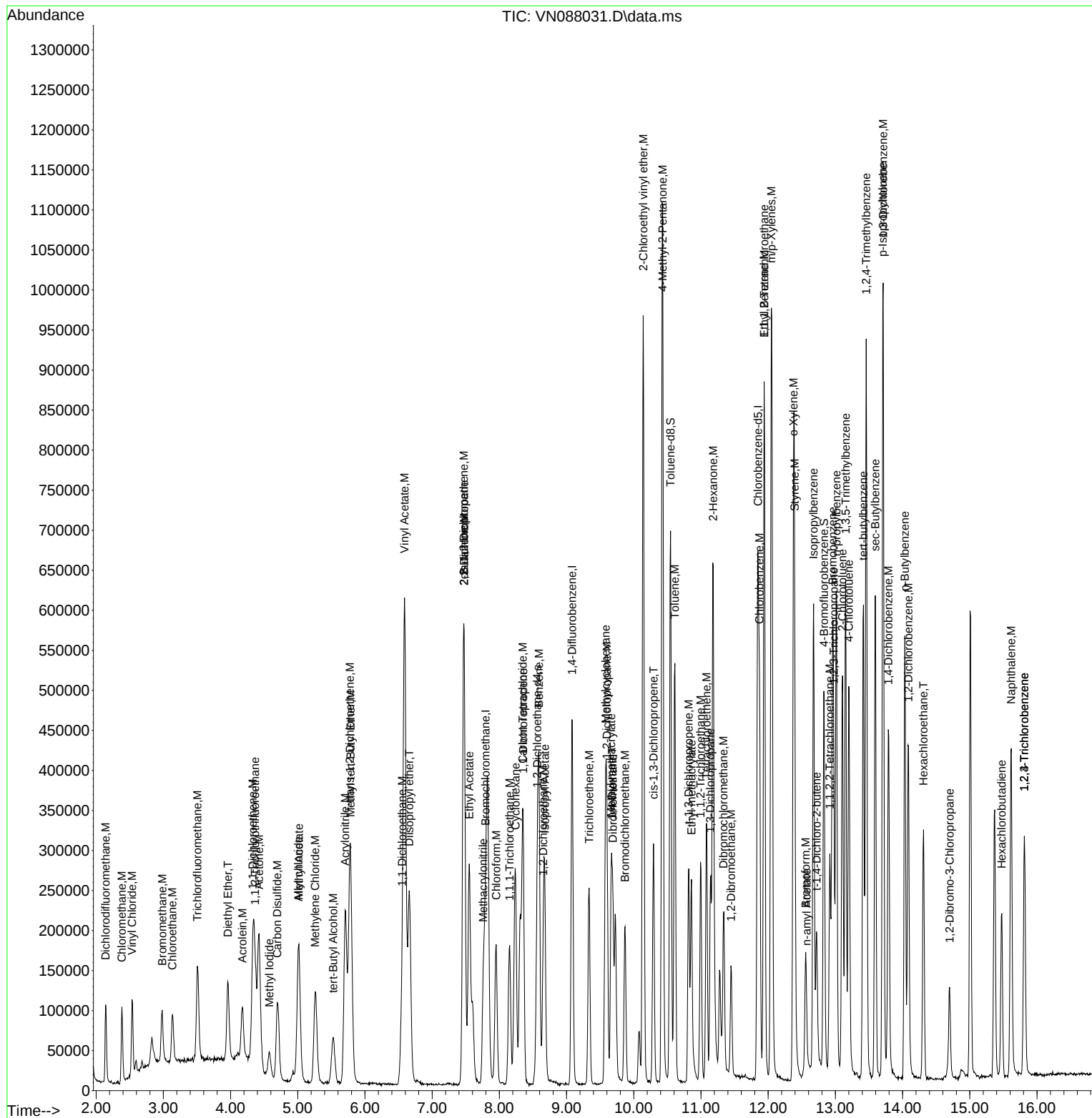
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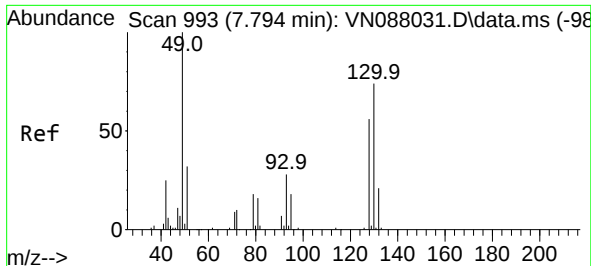
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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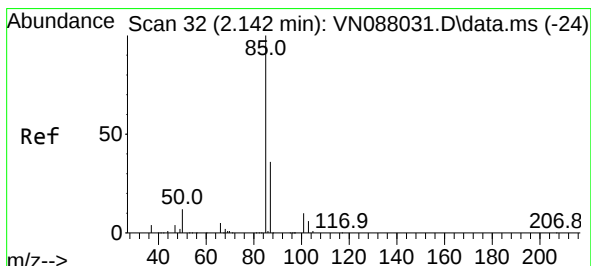
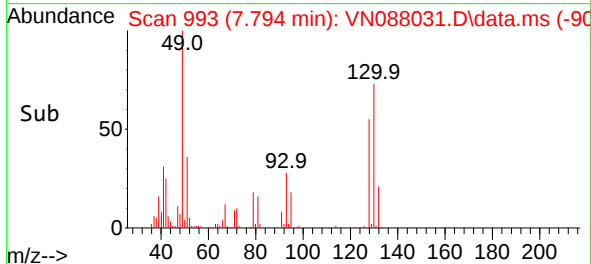
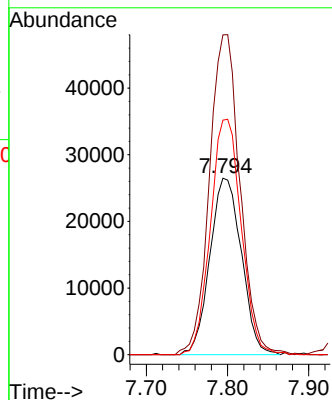
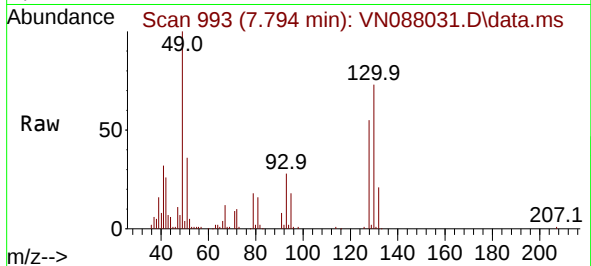
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
128	100		
49	175.9	0.0	439.8
130	130.3	0.0	325.8

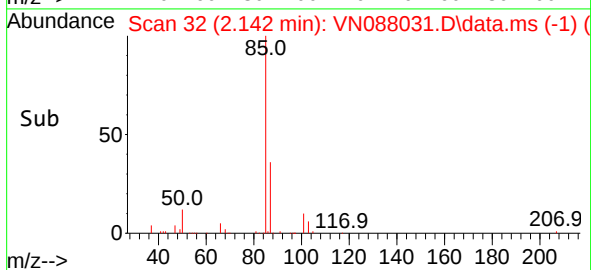
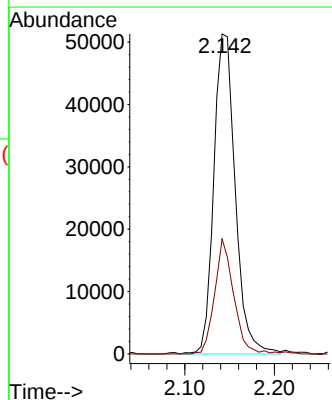
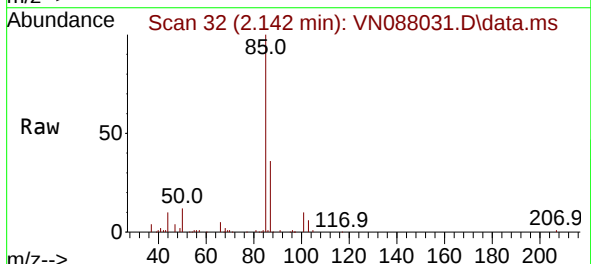
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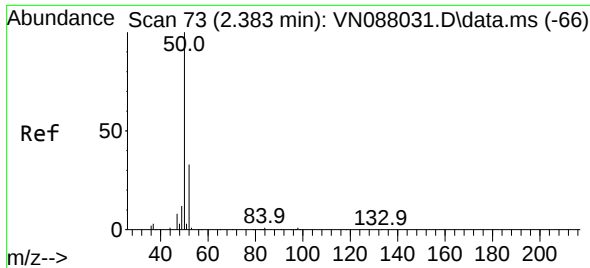
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#2
Dichlorodifluoromethane
Concen: 20.806 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Tgt Ion	Ratio	Lower	Upper
85	100		
87	35.9	17.9	53.8





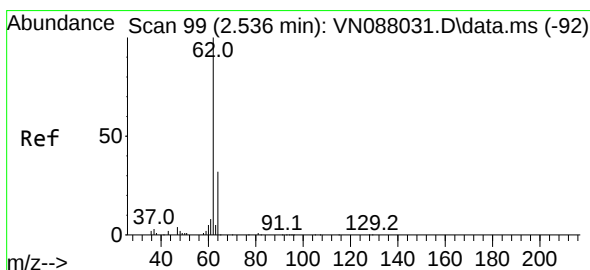
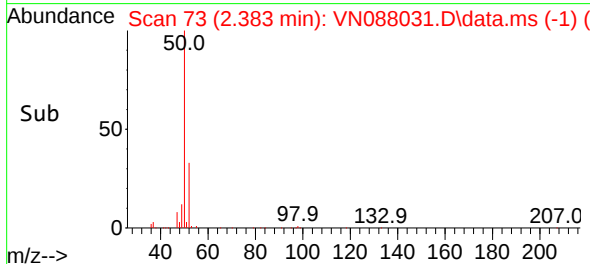
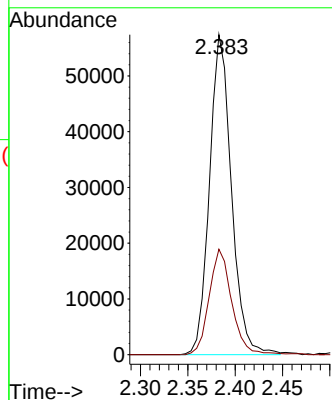
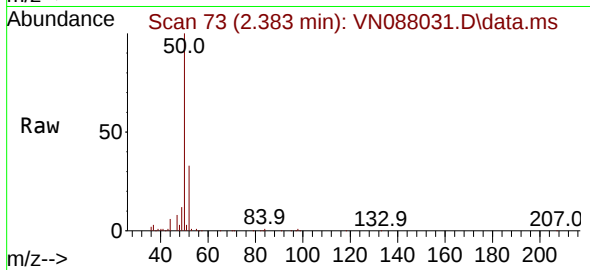
#3
Chloromethane
Concen: 19.939 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Instrument :
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Tgt Ion: 50 Resp: 9243
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5

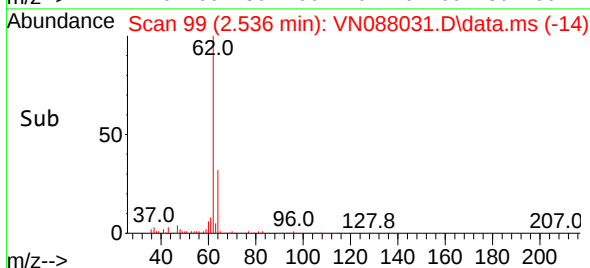
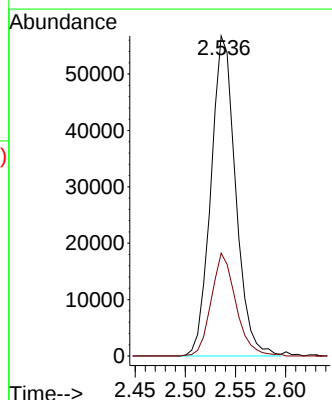
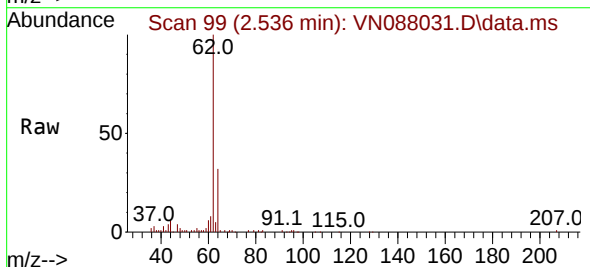
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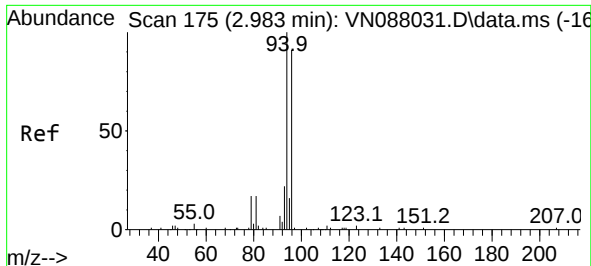
Reviewed By :John Carlone 10/09/2025
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#4
Vinyl Chloride
Concen: 20.124 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

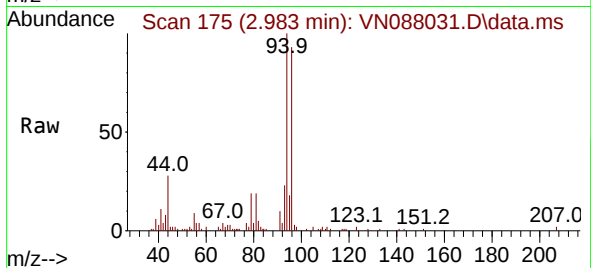
Tgt Ion: 62 Resp: 97272
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5





#5
Bromomethane
Concen: 19.065 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

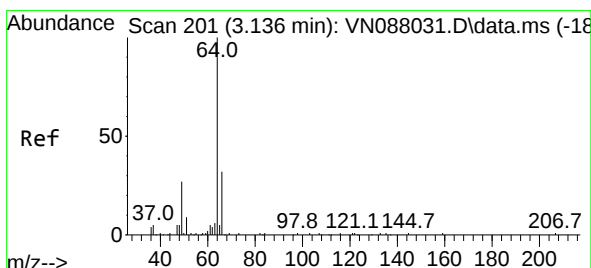
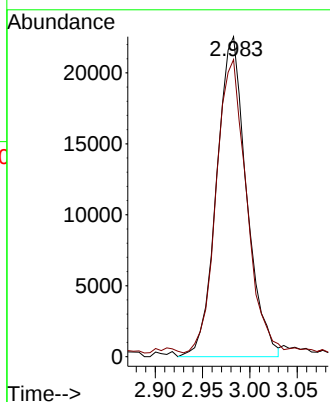
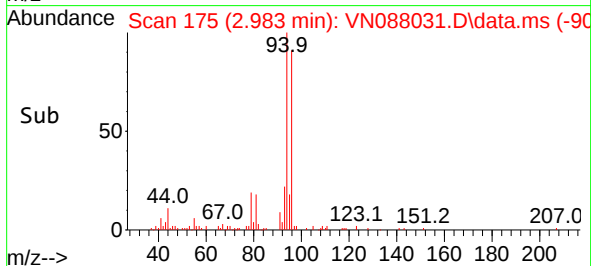
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 49554
Ion Ratio Lower Upper
94 100
96 91.2 73.0 109.4

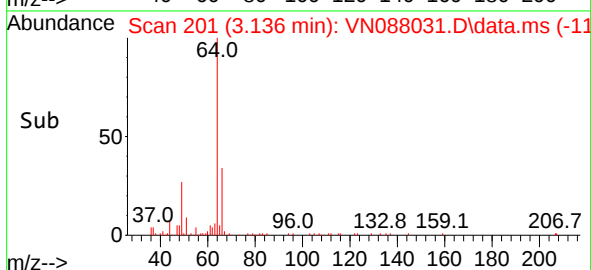
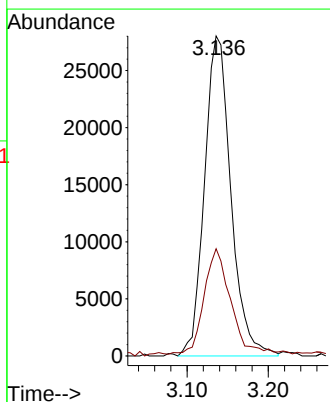
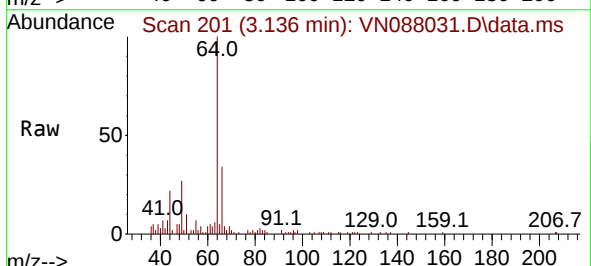
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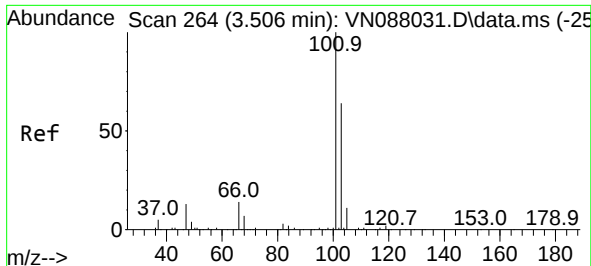
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#6
Chloroethane
Concen: 19.859 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

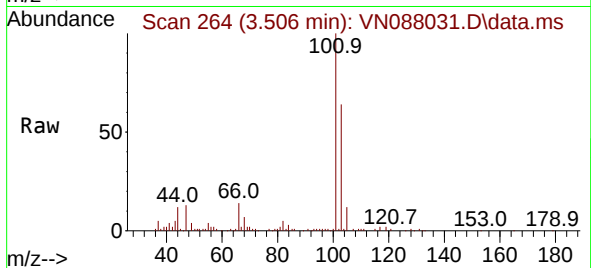
Tgt Ion: 64 Resp: 63320
Ion Ratio Lower Upper
64 100
66 32.5 26.8 40.2





#7
 Trichlorofluoromethane
 Concen: 19.817 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.000 min
 Lab File: VN088031.D
 Acq: 08 Oct 2025 10:08

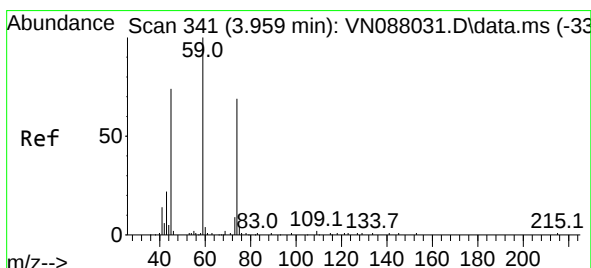
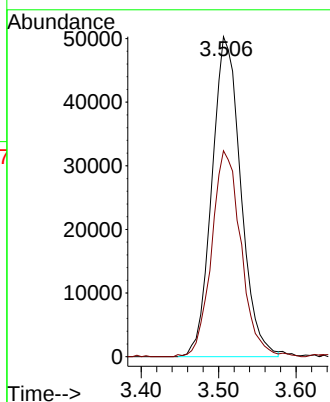
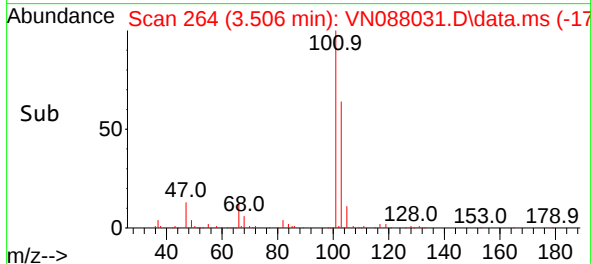
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion:101 Resp: 13025
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.0 76.4

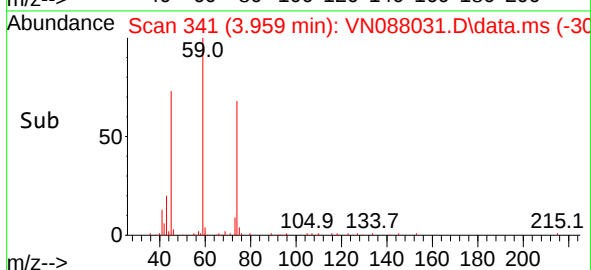
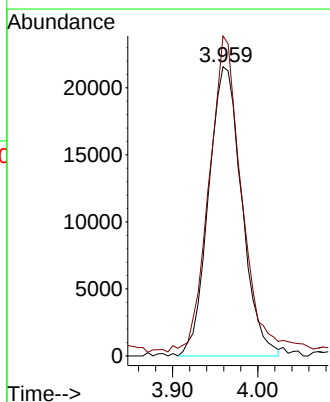
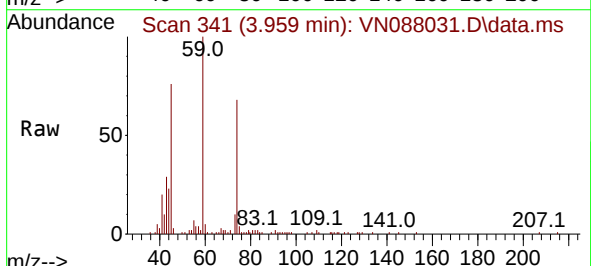
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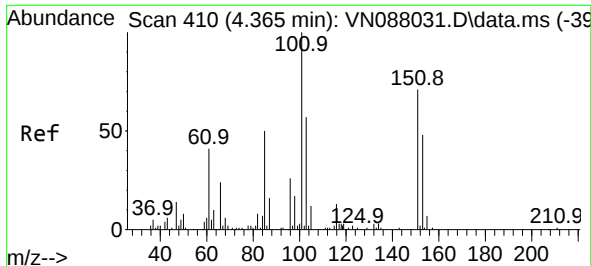
Reviewed By :John Carlone 10/09/2025
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#8
 Diethyl Ether
 Concen: 19.618 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN088031.D
 Acq: 08 Oct 2025 10:08

Tgt Ion: 74 Resp: 58264
 Ion Ratio Lower Upper
 74 100
 45 102.1 20.4 183.8





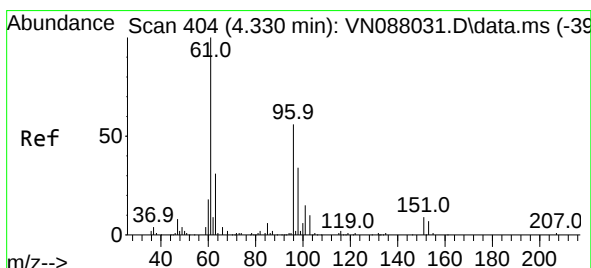
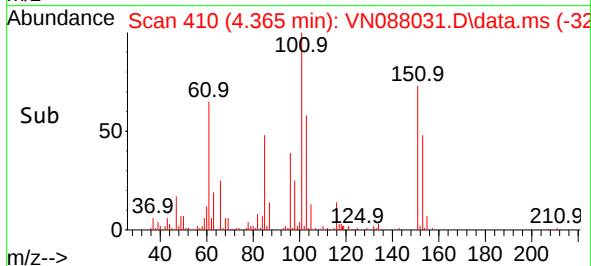
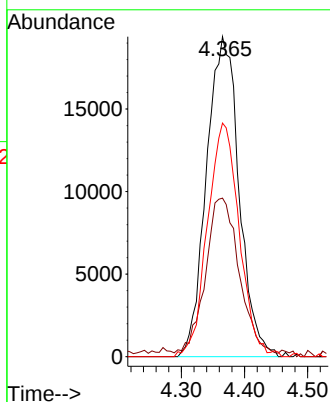
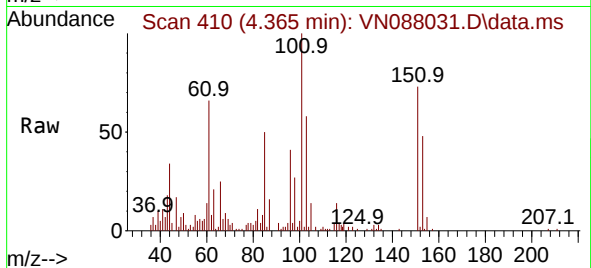
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.754 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 6950
Ion Ratio Lower Upper
101 100
85 51.6 0.0 103.2
151 70.7 0.0 141.4

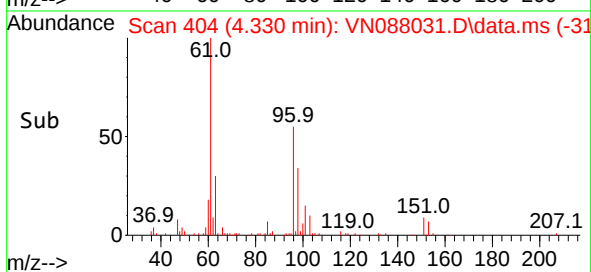
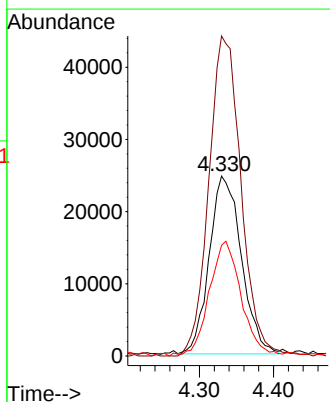
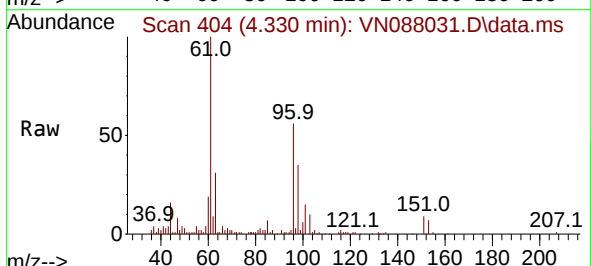
Manual Integrations
APPROVED

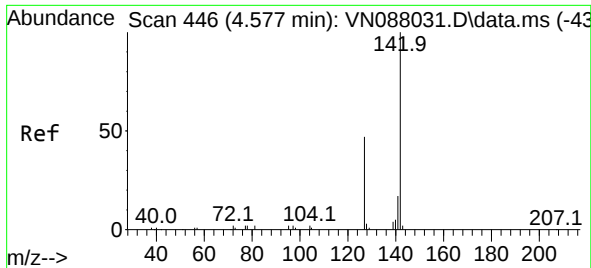
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#10
1,1-Dichloroethene
Concen: 19.771 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

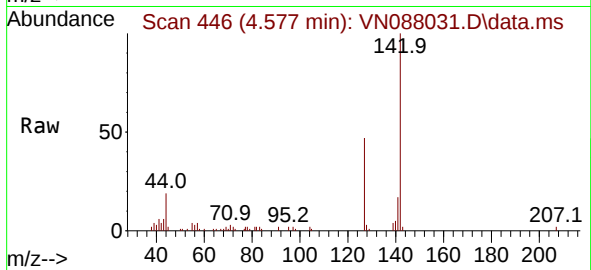
Tgt Ion: 96 Resp: 74211
Ion Ratio Lower Upper
96 100
61 180.1 144.1 216.1
98 61.3 49.0 73.6





#11
Methyl Iodide
Concen: 16.522 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

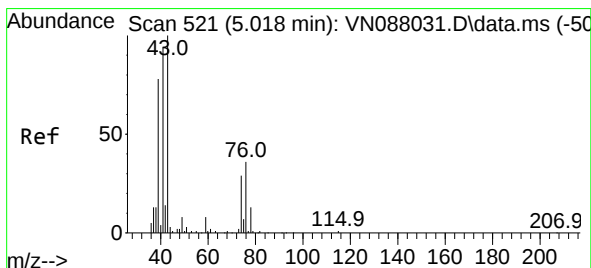
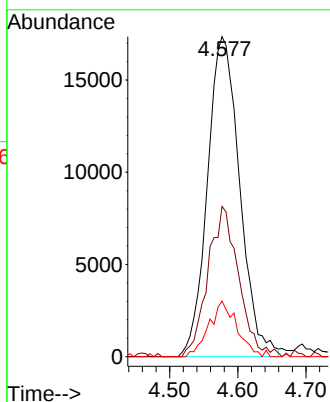
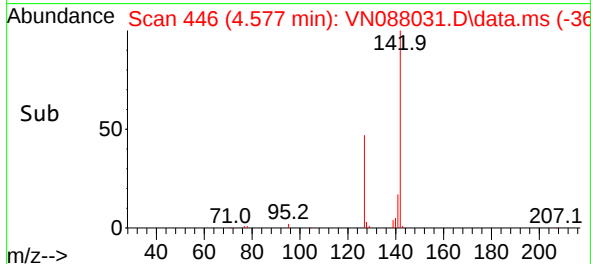
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 57150
Ion Ratio Lower Upper
142 100
127 46.9 23.4 70.3
141 17.5 8.8 26.2

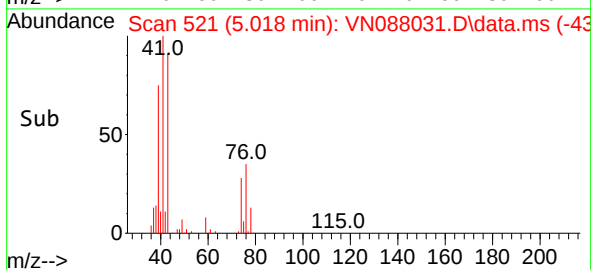
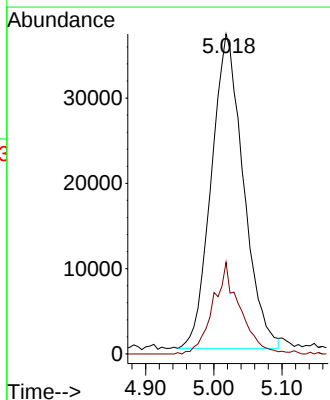
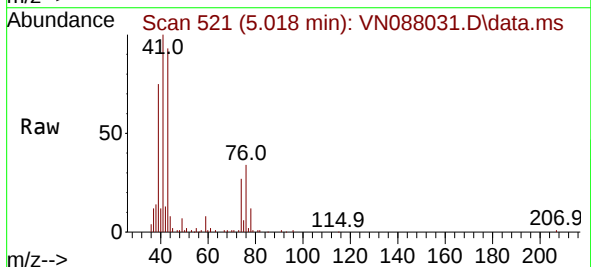
Manual Integrations
APPROVED

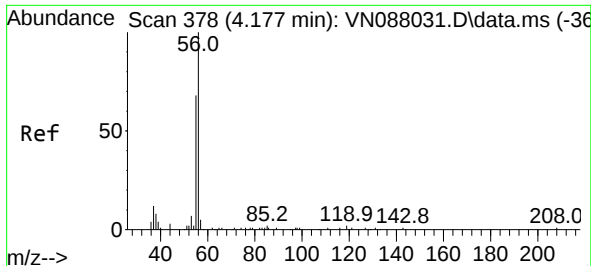
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#12
Methyl Acetate
Concen: 20.303 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

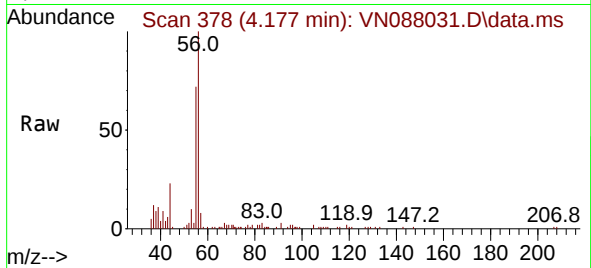
Tgt Ion: 43 Resp: 120527
Ion Ratio Lower Upper
43 100
74 29.1 23.3 34.9





#13
Acrolein
Concen: 88.861 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

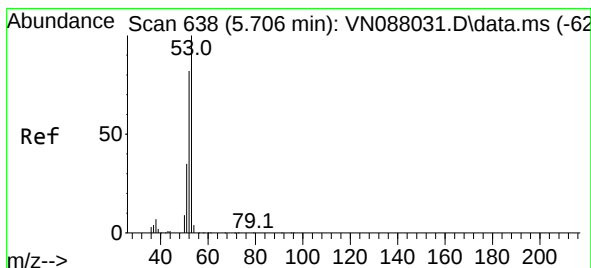
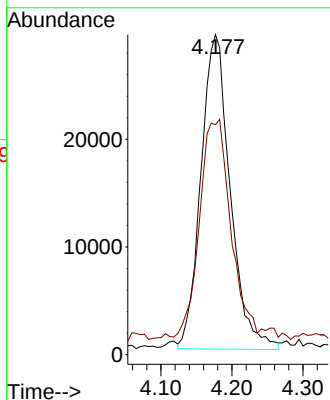
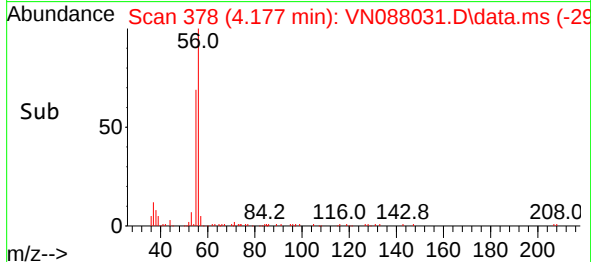
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



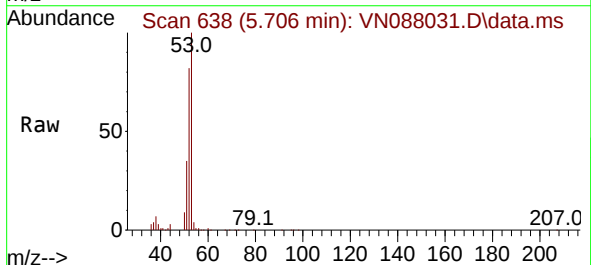
Tgt Ion: 56 Resp: 83909
Ion Ratio Lower Upper
56 100
55 72.6 0.3 0.5

Manual Integrations
APPROVED

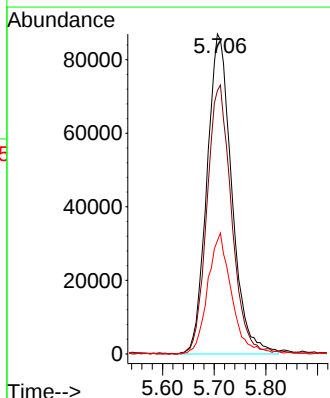
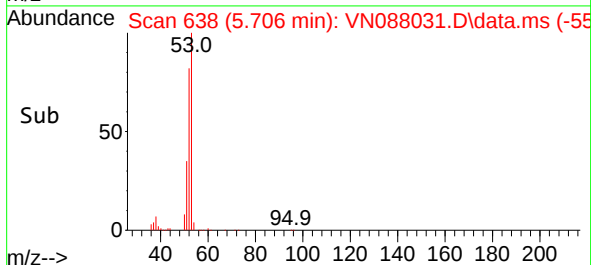
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

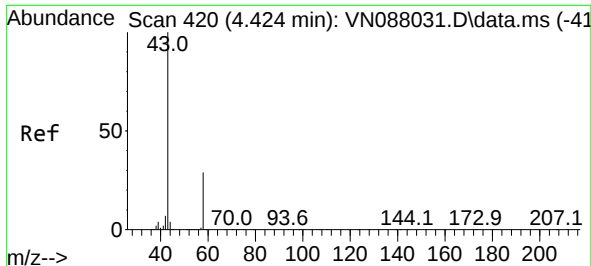


#14
Acrylonitrile
Concen: 98.664 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08



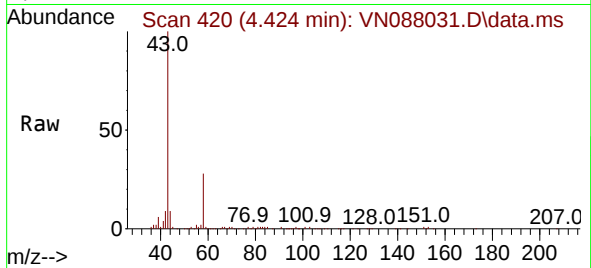
Tgt Ion: 53 Resp: 290536
Ion Ratio Lower Upper
53 100
52 82.7 41.3 124.1
51 36.0 18.0 54.0





#15
Acetone
Concen: 100.424 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

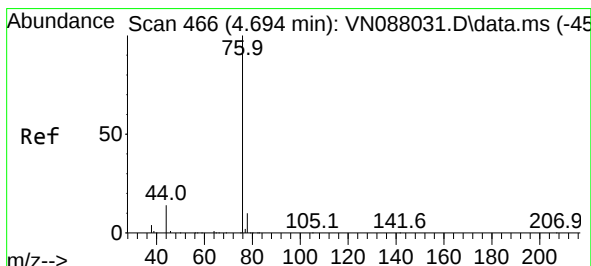
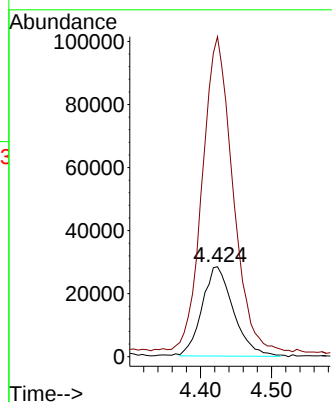
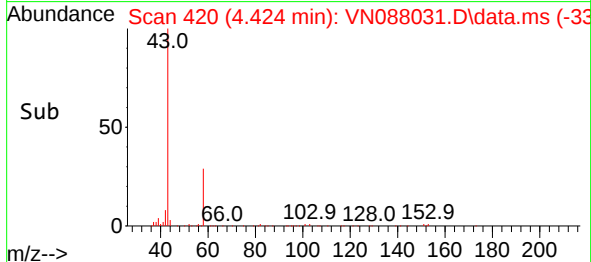
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



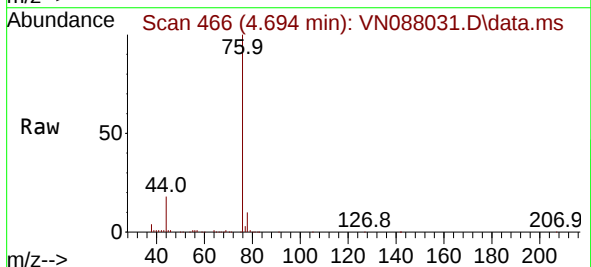
Tgt Ion: 58 Resp: 8687
Ion Ratio Lower Upper
58 100
43 353.3 282.6 424.0

Manual Integrations
APPROVED

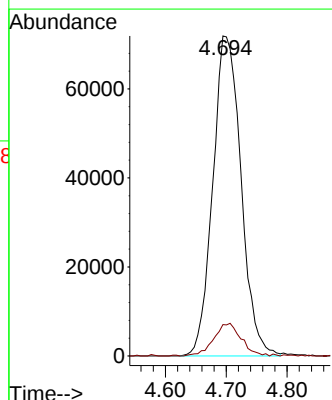
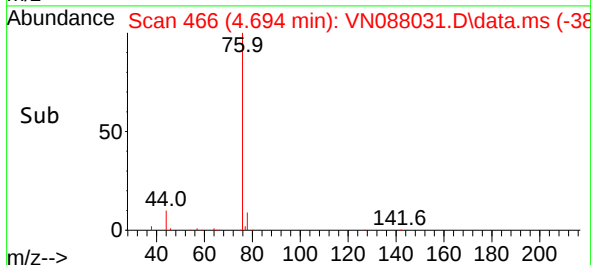
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

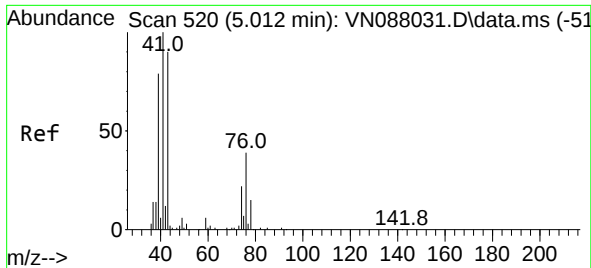


#16
Carbon Disulfide
Concen: 19.680 ug/l
RT: 4.694 min Scan# 466
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08



Tgt Ion: 76 Resp: 231559
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8





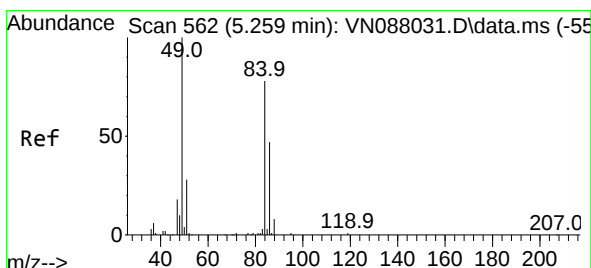
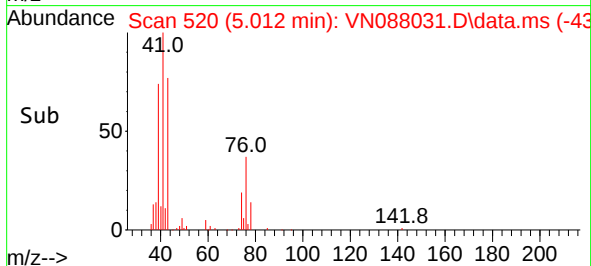
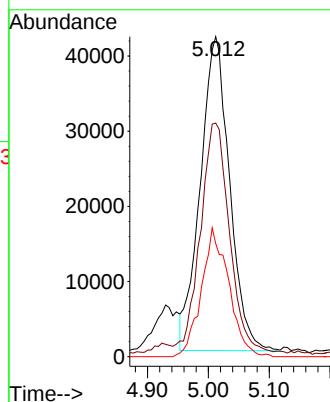
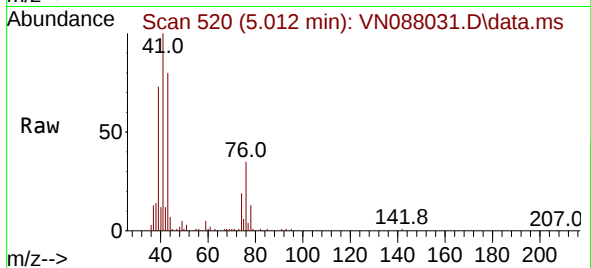
#17
Allyl chloride
Concen: 19.750 ug/l
RT: 5.012 min Scan# 517
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 41 Resp: 13988
Ion Ratio Lower Upper
41 100
39 72.8 36.4 109.2
76 36.1 18.1 54.1

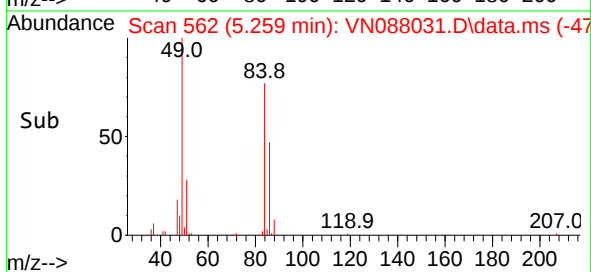
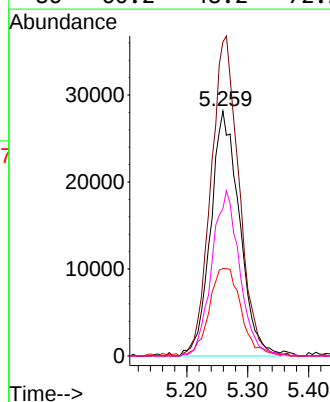
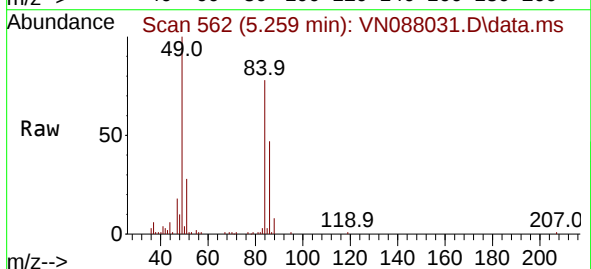
Manual Integrations
APPROVED

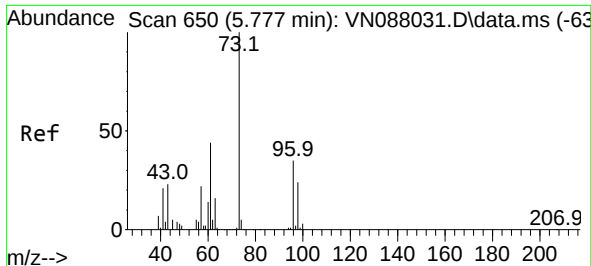
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#18
Methylene Chloride
Concen: 19.409 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

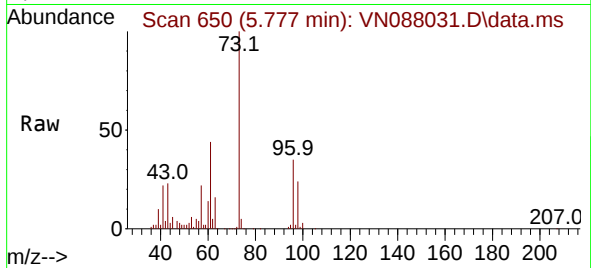
Tgt Ion: 84 Resp: 92593
Ion Ratio Lower Upper
84 100
49 128.2 102.6 153.8
51 35.7 28.6 42.8
86 60.2 48.2 72.2





#19
trans-1,2-Dichloroethene
Concen: 20.021 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

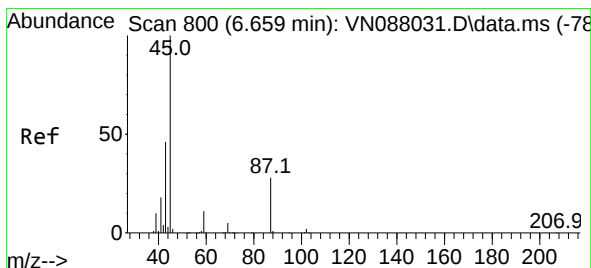
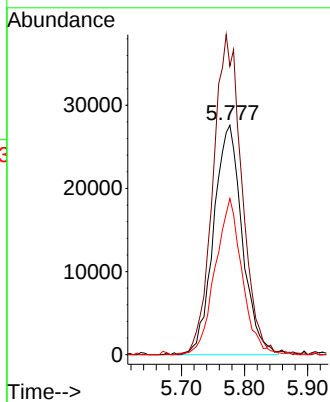
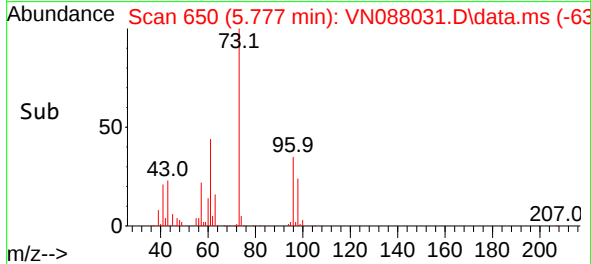
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 86884
Ion Ratio Lower Upper
96 100
61 125.8 100.6 151.0
98 67.5 54.0 81.0

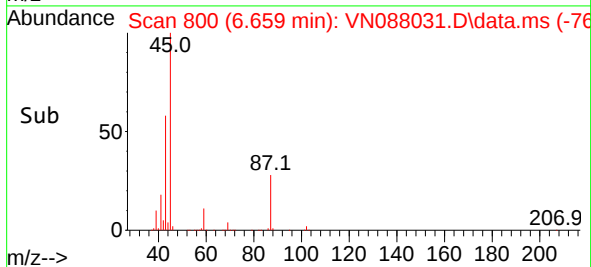
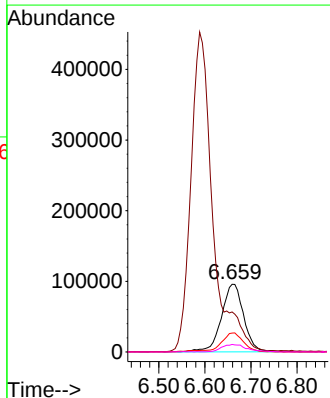
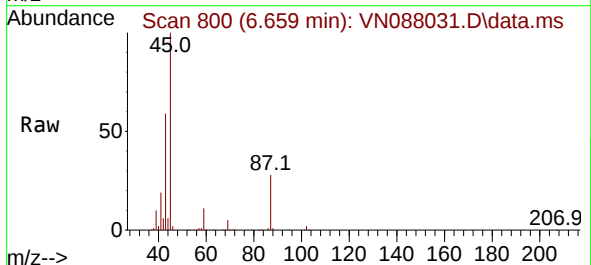
Manual Integrations
APPROVED

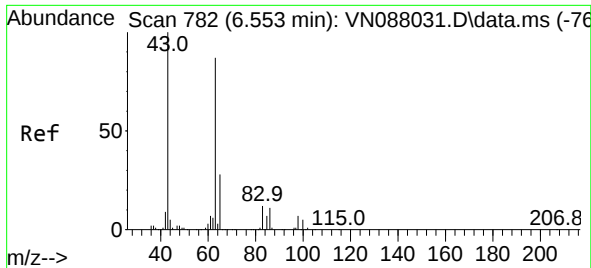
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#20
Diisopropyl ether
Concen: 19.864 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Tgt Ion: 45 Resp: 320294
Ion Ratio Lower Upper
45 100
43 57.6 46.1 69.1
87 27.9 22.3 33.5
59 10.8 8.6 13.0





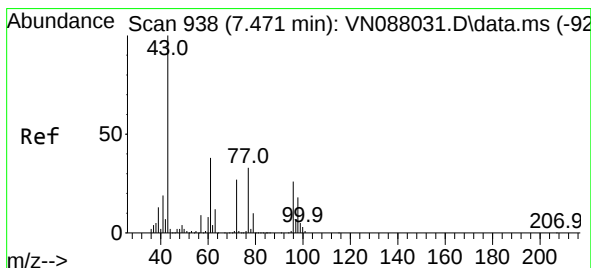
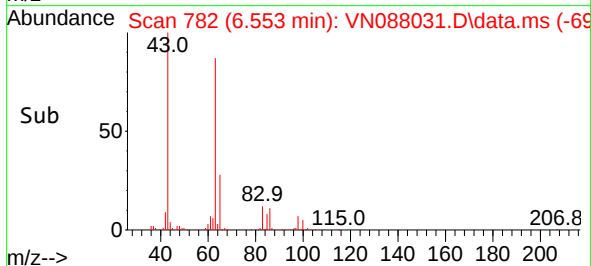
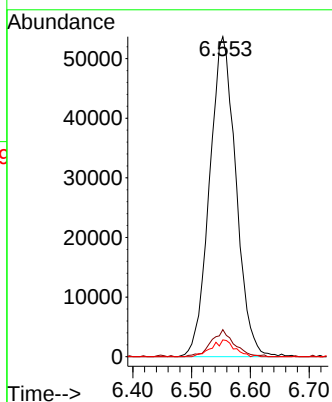
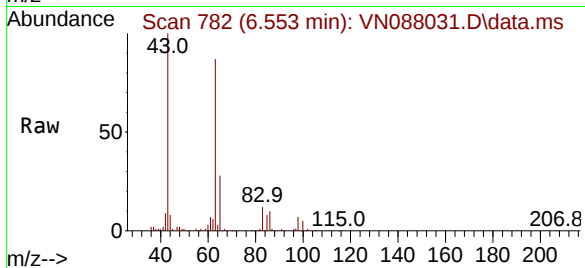
#21
1,1-Dichloroethane
Concen: 19.905 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 167080
Ion Ratio Lower Upper
63 100
98 8.5 4.3 12.8
100 5.3 2.6 8.0

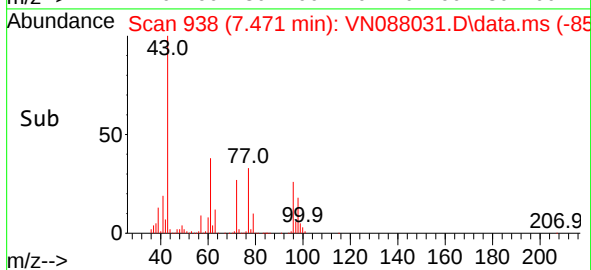
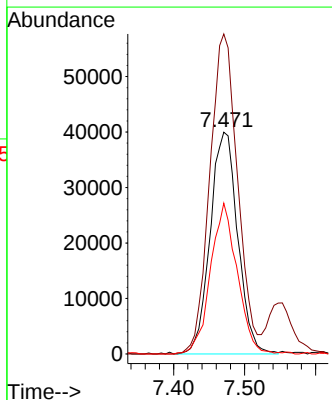
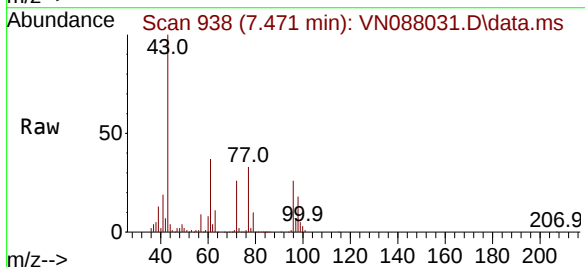
Manual Integrations
APPROVED

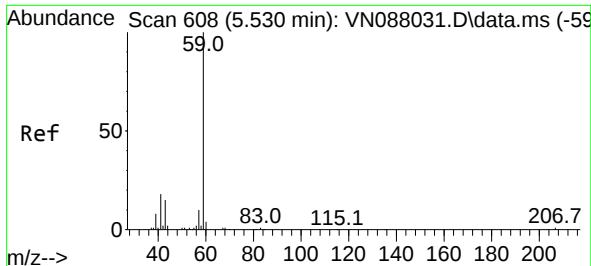
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#22
cis-1,2-Dichloroethene
Concen: 19.831 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

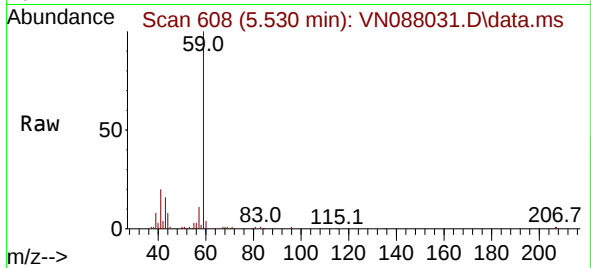
Tgt Ion: 96 Resp: 107728
Ion Ratio Lower Upper
96 100
61 146.3 117.0 175.6
98 65.8 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 99.549 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

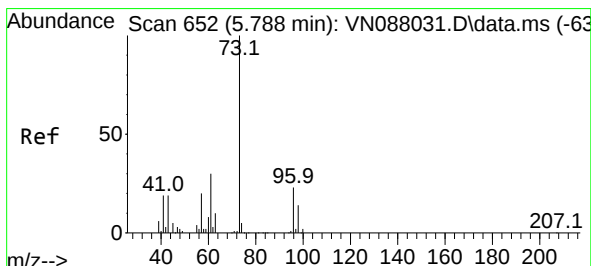
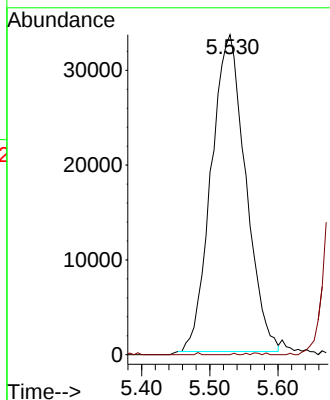
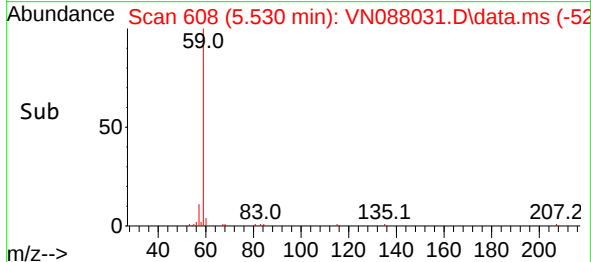
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



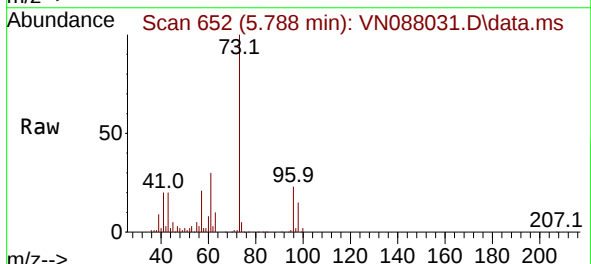
Tgt Ion: 59 Resp: 117569
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

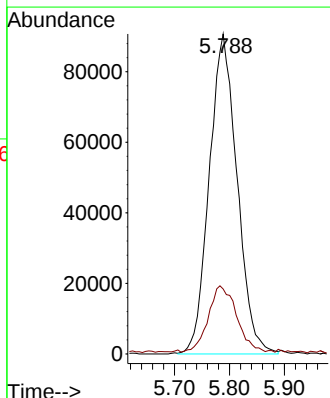
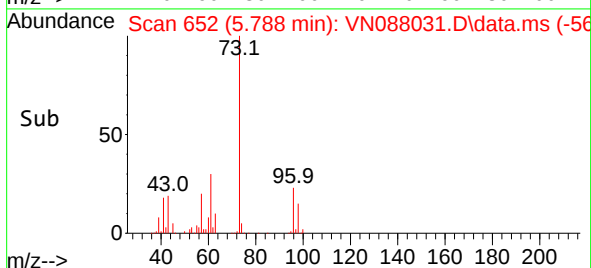
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

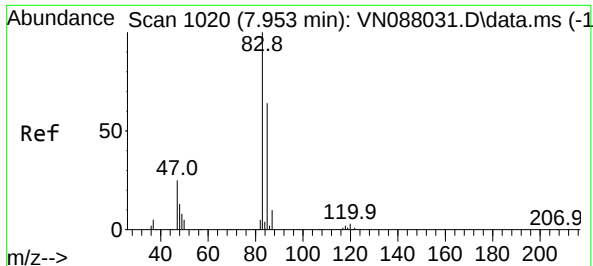


#24
Methyl tert-Butyl Ether
Concen: 19.708 ug/l
RT: 5.788 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08



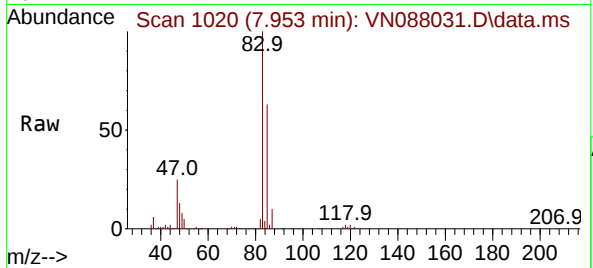
Tgt Ion: 73 Resp: 319297
Ion Ratio Lower Upper
73 100
43 21.2 17.0 25.4





#25
Chloroform
Concen: 19.684 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

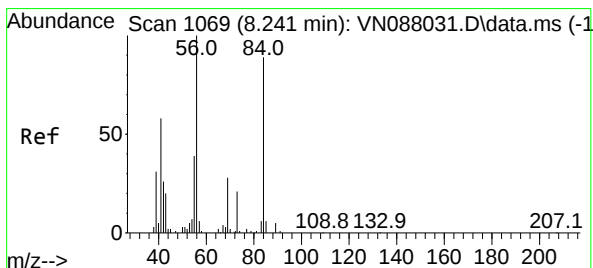
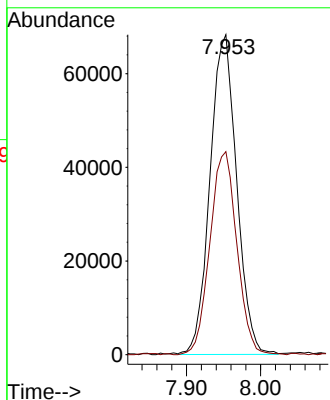
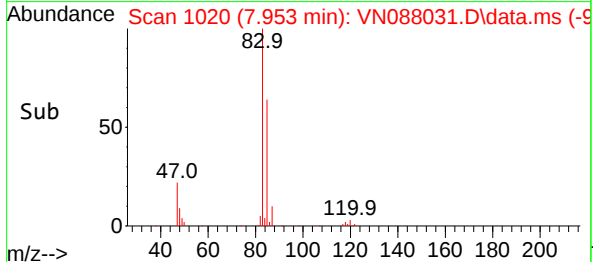
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 17051
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3

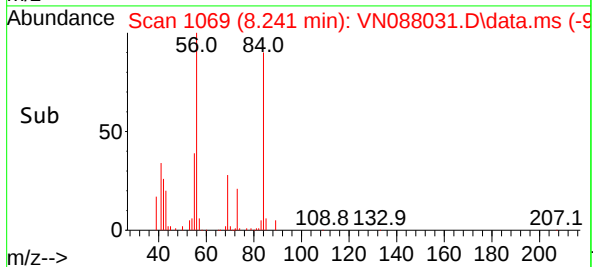
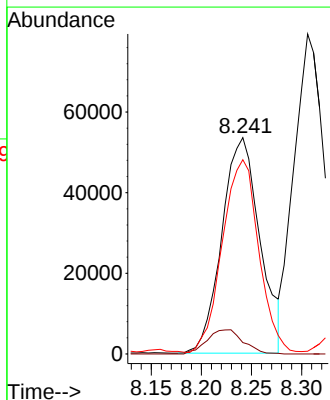
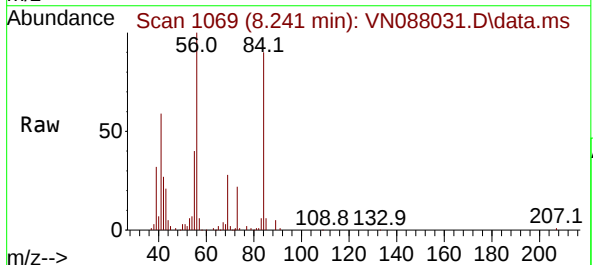
Manual Integrations
APPROVED

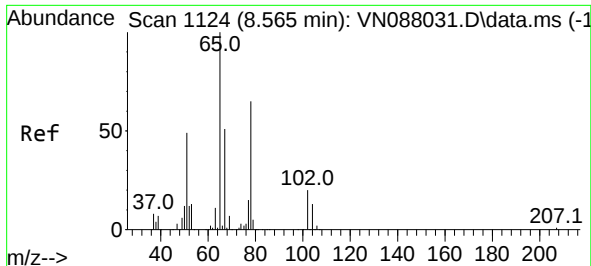
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#26
Cyclohexane
Concen: 20.283 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

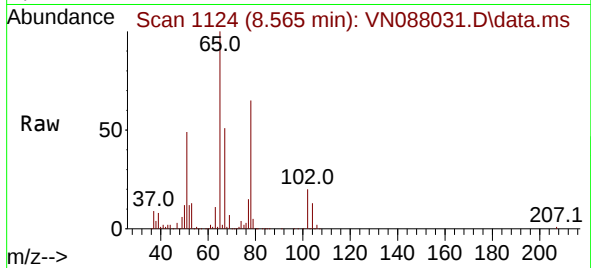
Tgt Ion: 56 Resp: 141068
Ion Ratio Lower Upper
56 100
89 10.7 8.6 12.8
84 87.0 69.6 104.4





#27
1,2-Dichloroethane-d4
Concen: 29.785 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

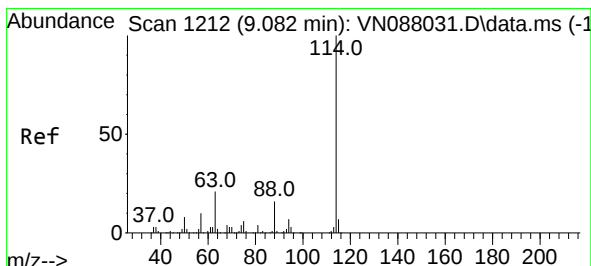
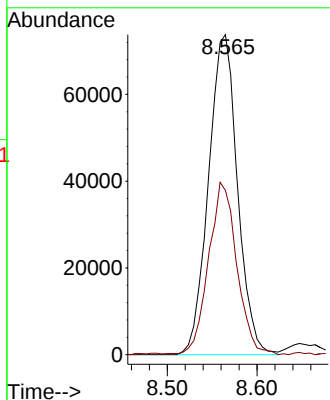
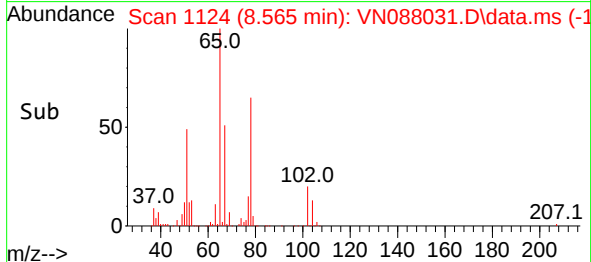
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 65 Resp: 165568
Ion Ratio Lower Upper
65 100
67 52.4 41.9 62.9

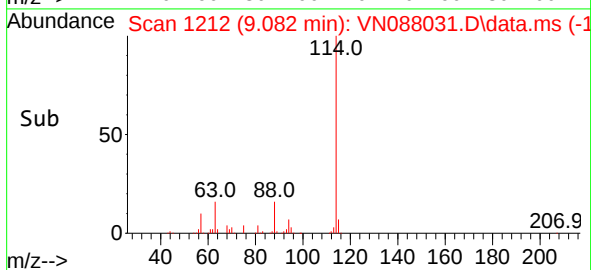
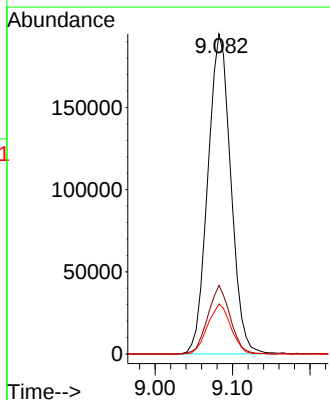
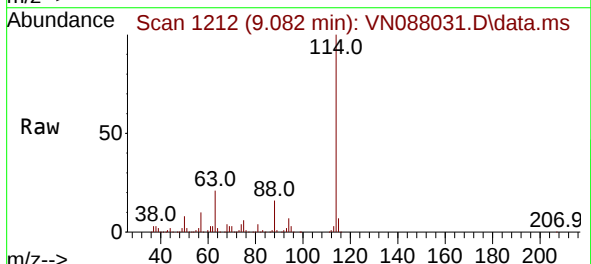
Manual Integrations
APPROVED

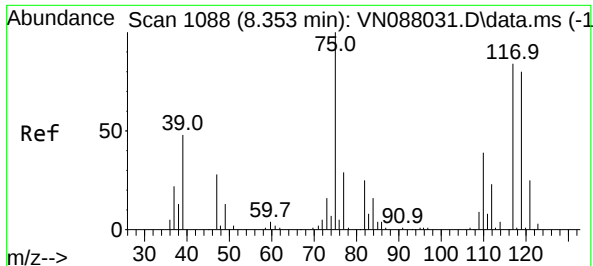
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

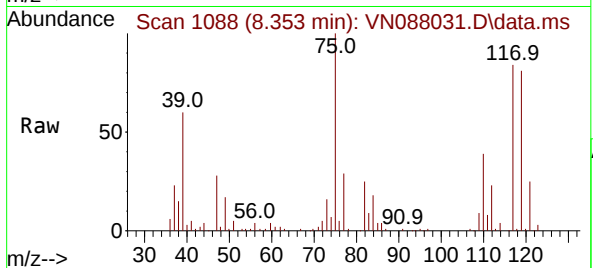
Tgt Ion:114 Resp: 401663
Ion Ratio Lower Upper
114 100
63 20.8 16.6 25.0
88 15.7 12.6 18.8





#29
1,1-Dichloropropene
Concen: 19.569 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

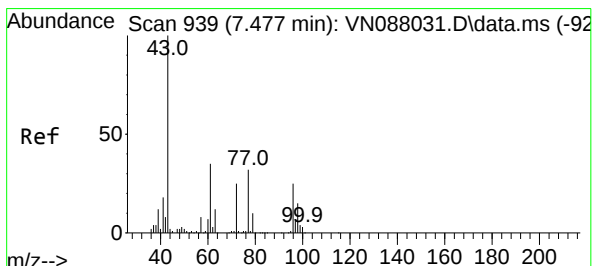
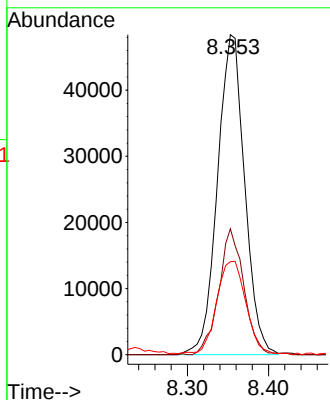
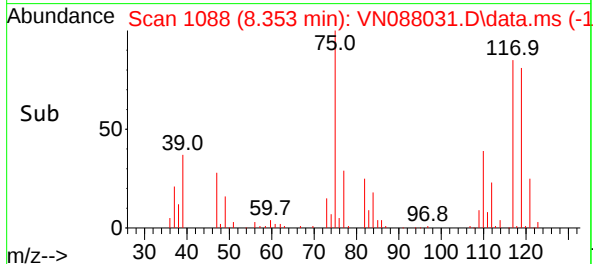
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



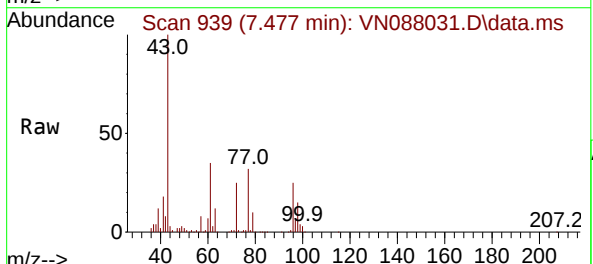
Tgt Ion: 75 Resp: 112668
Ion Ratio Lower Upper
75 100
110 36.1 0.0 72.2
77 30.3 0.0 60.6

Manual Integrations
APPROVED

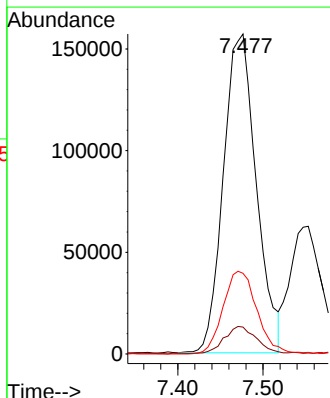
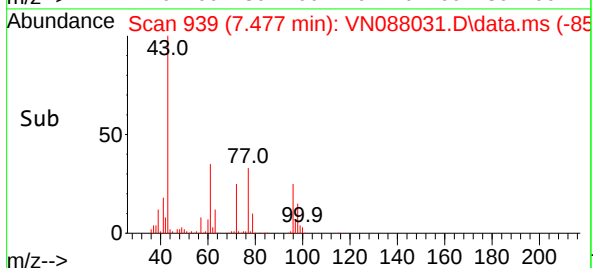
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

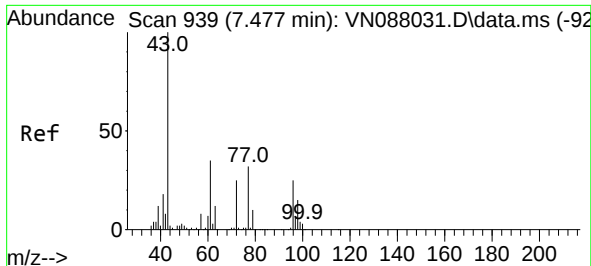


#30
2-Butanone
Concen: 99.396 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08



Tgt Ion: 43 Resp: 422066
Ion Ratio Lower Upper
43 100
57 8.1 6.5 9.7
72 26.8 21.4 32.2





#31

2,2-Dichloropropane

Concen: 19.837 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN088031.D

Acq: 08 Oct 2025 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 77 Resp: 147354

Ion Ratio Lower Upper

77 100

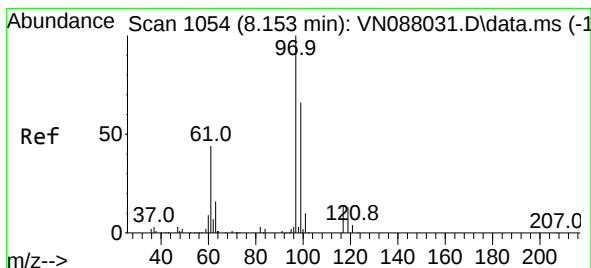
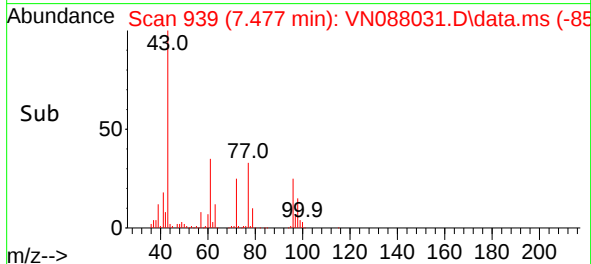
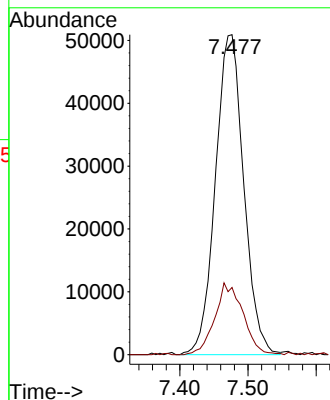
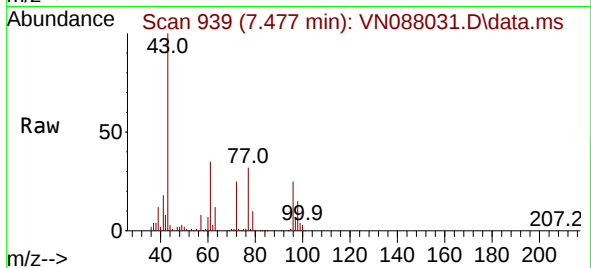
97 22.3 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#32

1,1,1-Trichloroethane

Concen: 20.047 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN088031.D

Acq: 08 Oct 2025 10:08

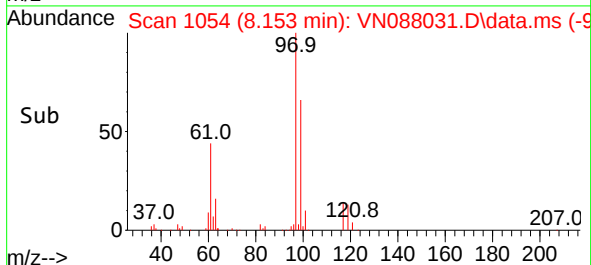
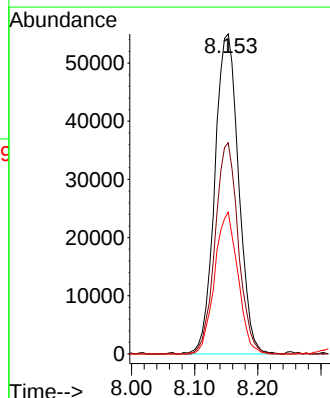
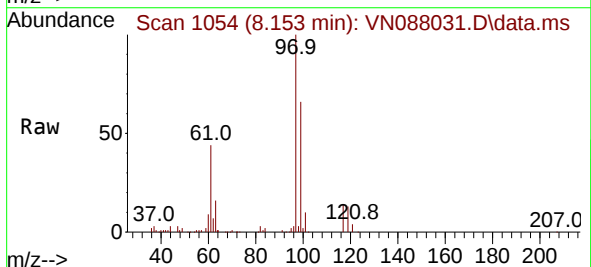
Tgt Ion: 97 Resp: 144223

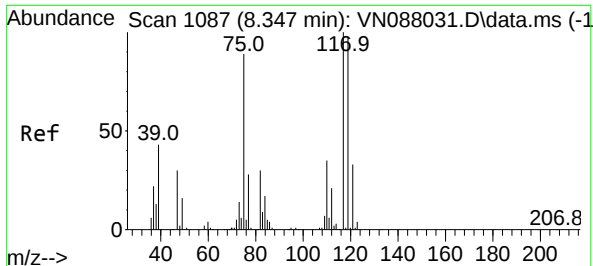
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

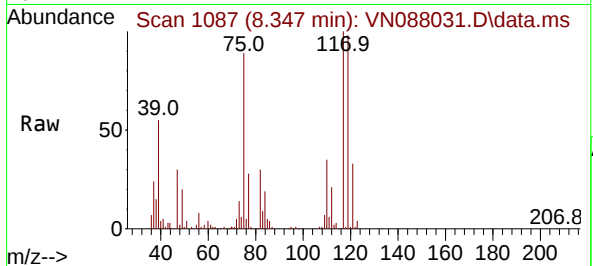
61 43.4 34.7 52.1





#33
Carbon Tetrachloride
Concen: 19.764 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

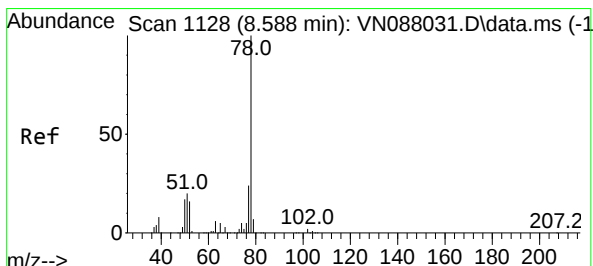
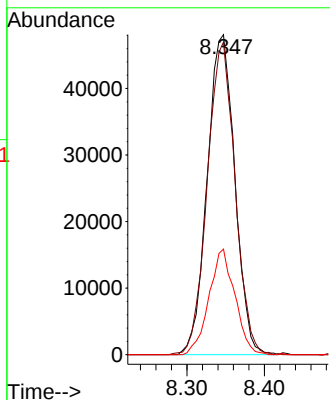
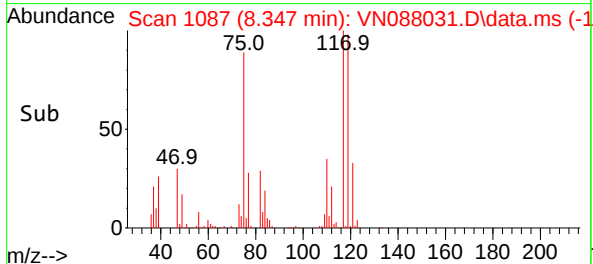
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 119094
Ion Ratio Lower Upper
117 100
119 97.4 77.9 116.9
121 33.0 26.4 39.6

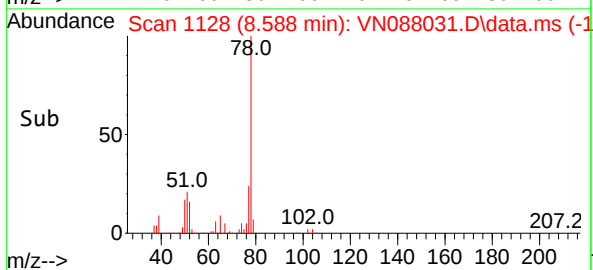
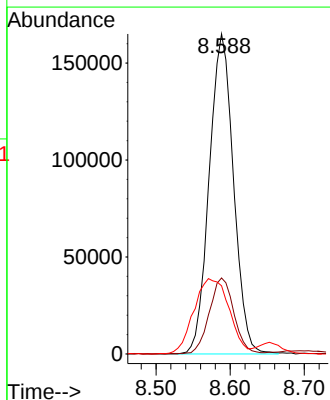
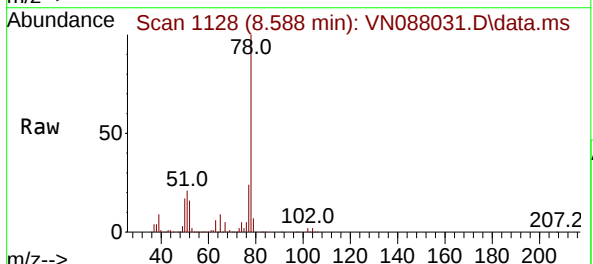
Manual Integrations
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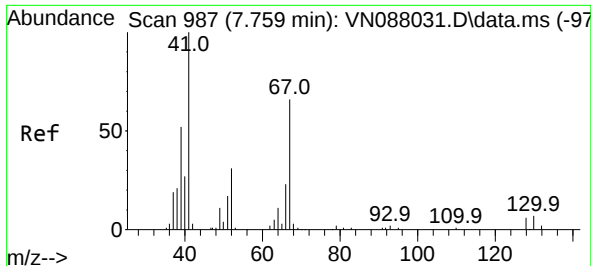
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#34
Benzene
Concen: 19.653 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Tgt Ion: 78 Resp: 375303
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3
51 19.5 15.6 23.4





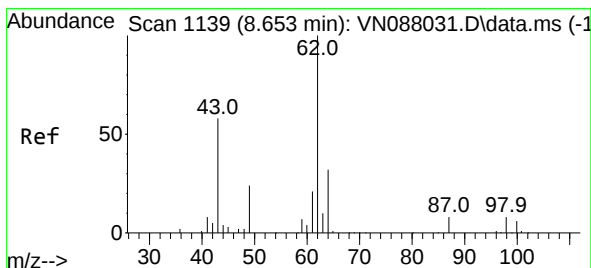
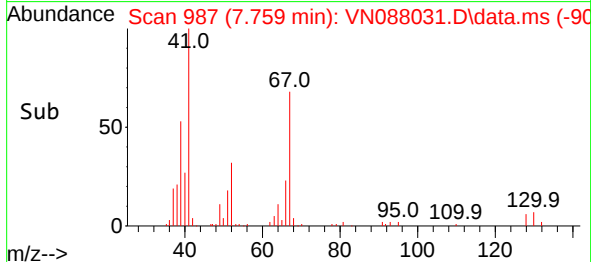
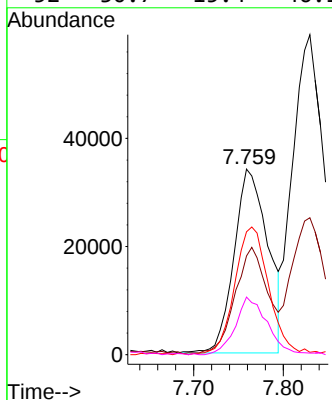
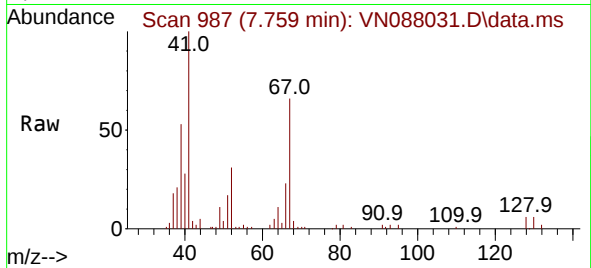
#35
Methacrylonitrile
Concen: 19.955 ug/l
RT: 7.759 min Scan# 910
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 41	Resp: 8910
Ion Ratio	Lower Upper
41 100	
39 52.2	26.1 78.3
67 66.1	33.1 99.2
52 30.7	15.4 46.1

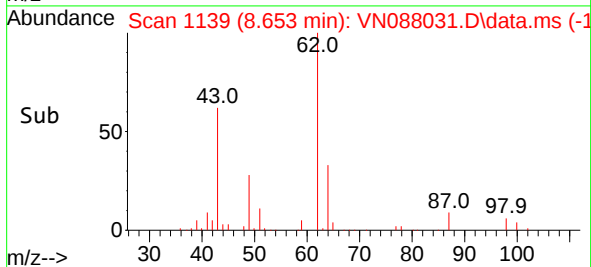
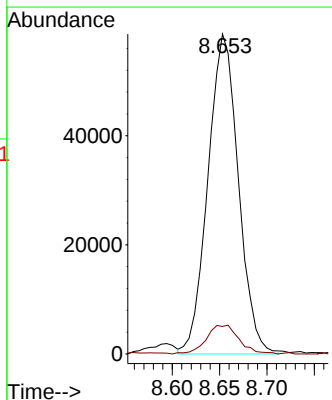
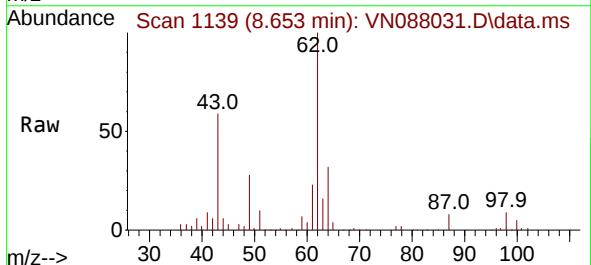
Manual Integrations
APPROVED

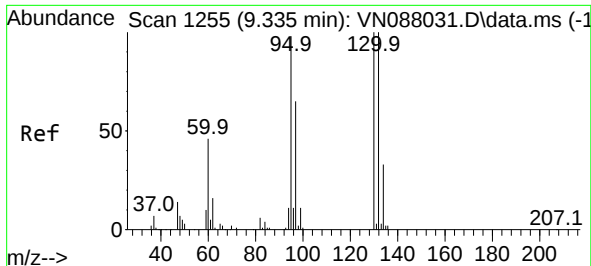
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#36
1,2-Dichloroethane
Concen: 19.775 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Tgt Ion: 62	Resp: 131101
Ion Ratio	Lower Upper
62 100	
98 9.7	7.8 11.6





#37

Trichloroethene

Concen: 19.787 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN088031.D

Acq: 08 Oct 2025 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 89520

Ion Ratio Lower Upper

130 100

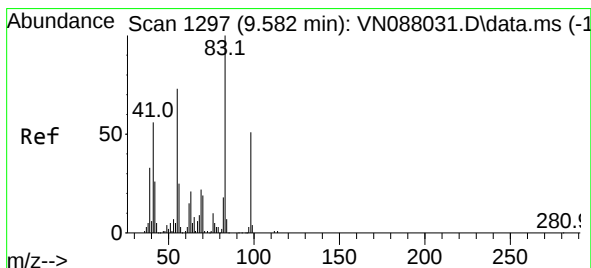
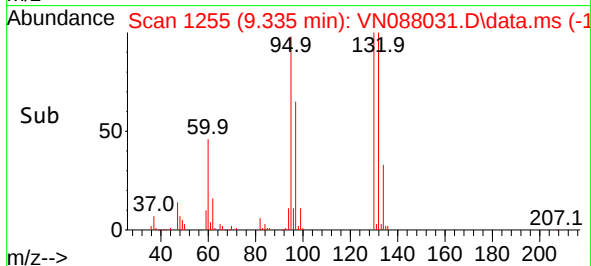
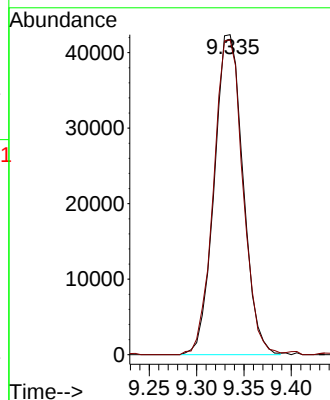
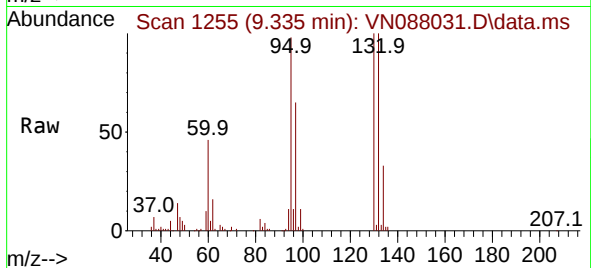
95 98.4 78.7 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#38

Methylcyclohexane

Concen: 19.646 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN088031.D

Acq: 08 Oct 2025 10:08

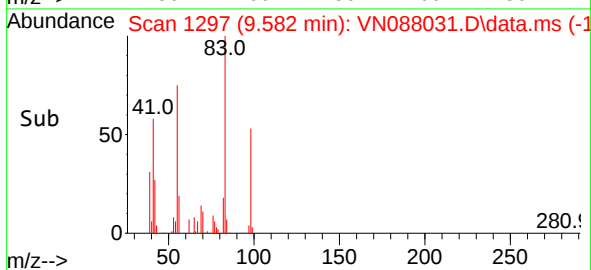
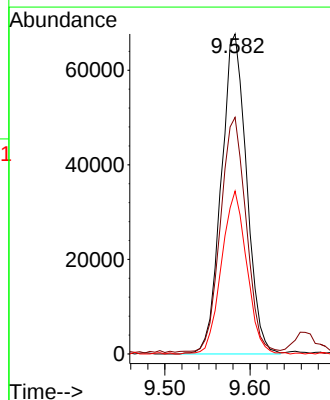
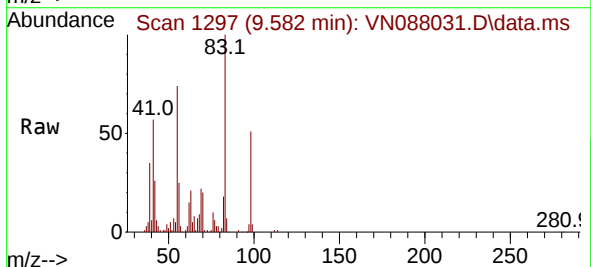
Tgt Ion: 83 Resp: 139683

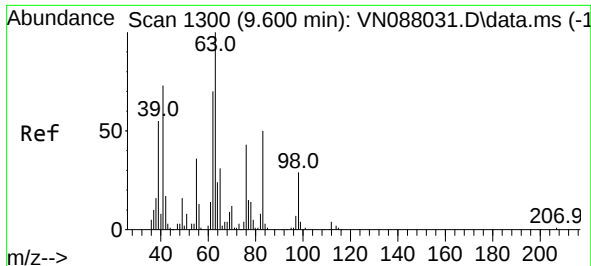
Ion Ratio Lower Upper

83 100

55 74.6 37.3 111.9

98 50.7 25.4 76.0





#39

1,2-Dichloropropane

Concen: 19.584 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088031.D

Acq: 08 Oct 2025 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 93775

Ion Ratio Lower Upper

63 100

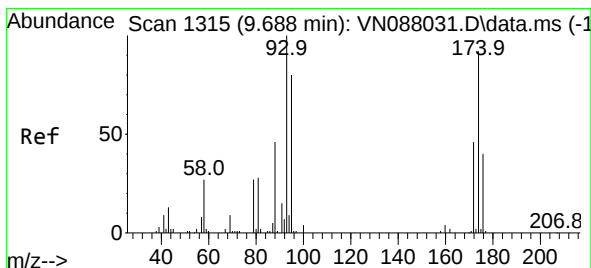
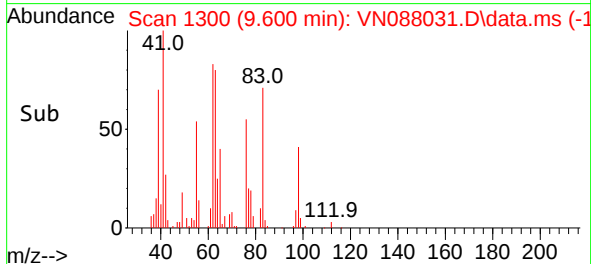
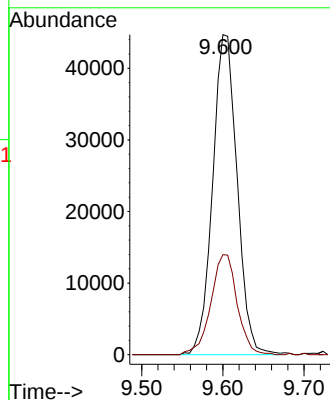
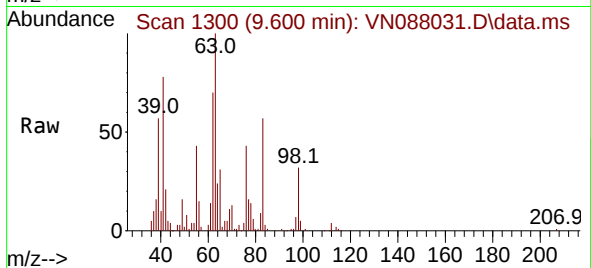
65 31.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#40

Dibromomethane

Concen: 19.823 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088031.D

Acq: 08 Oct 2025 10:08

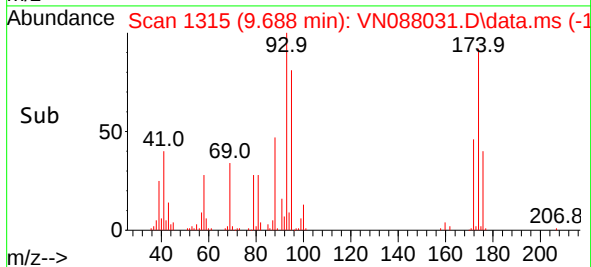
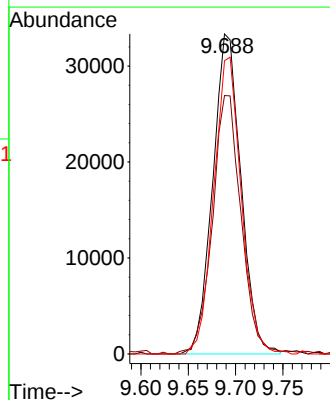
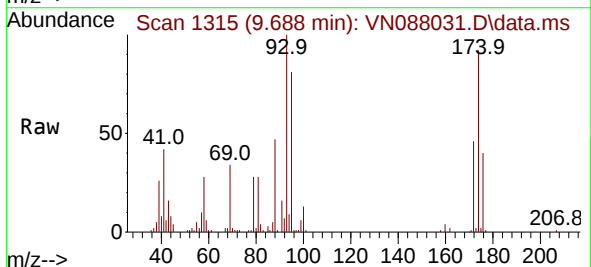
Tgt Ion: 93 Resp: 69093

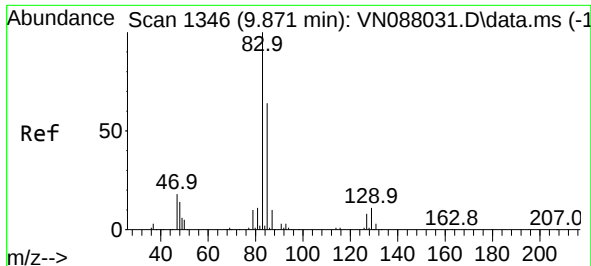
Ion Ratio Lower Upper

93 100

95 79.3 0.0 158.6

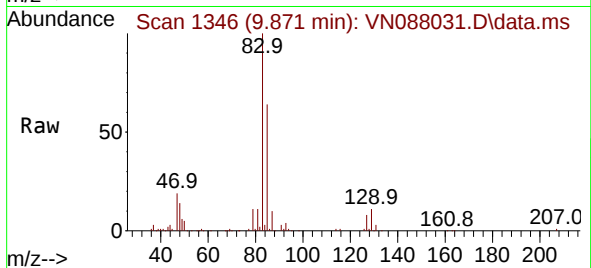
174 90.4 0.0 180.8





#41
Bromodichloromethane
Concen: 19.460 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

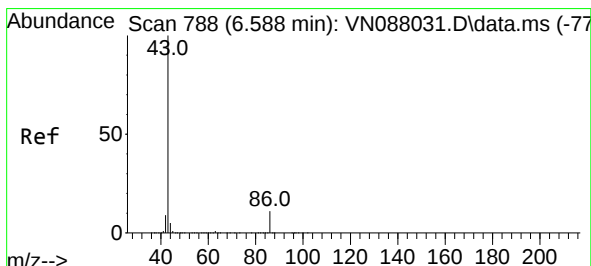
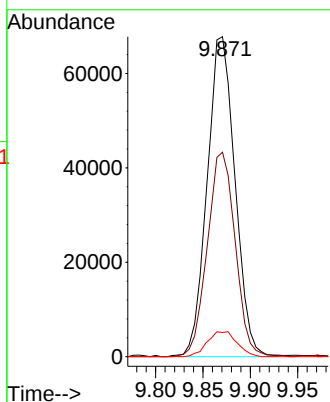
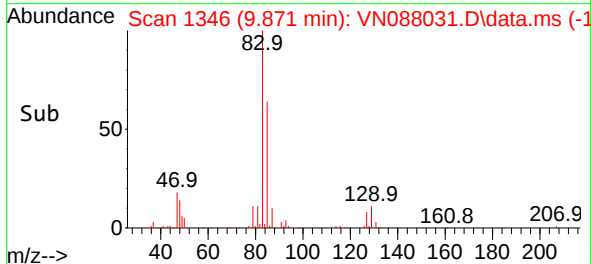
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 138534
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4
127 7.6 6.1 9.1

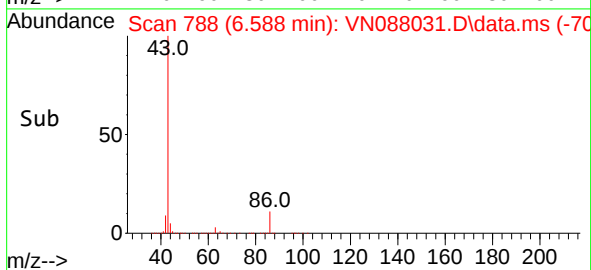
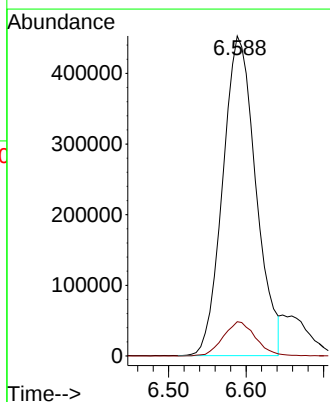
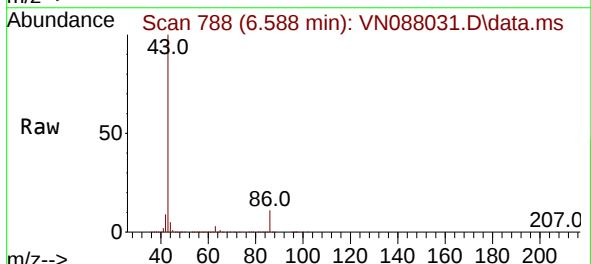
Manual Integrations
APPROVED

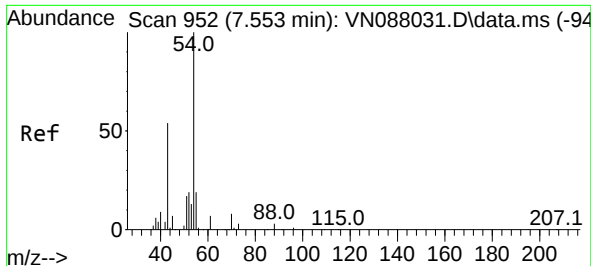
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#42
Vinyl Acetate
Concen: 93.117 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

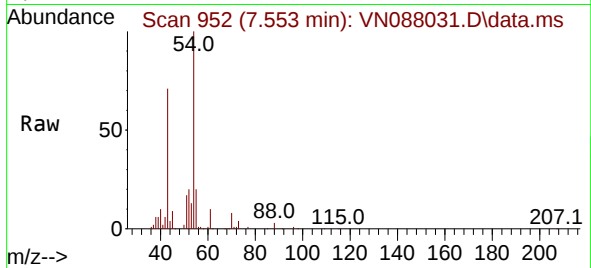
Tgt Ion: 43 Resp: 1347005
Ion Ratio Lower Upper
43 100
86 10.5 8.4 12.6





#43
Ethyl Acetate
Concen: 19.974 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

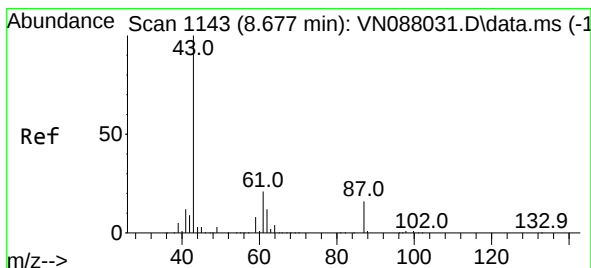
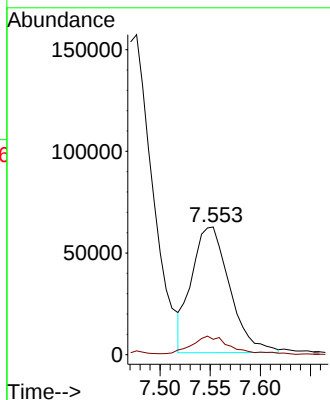
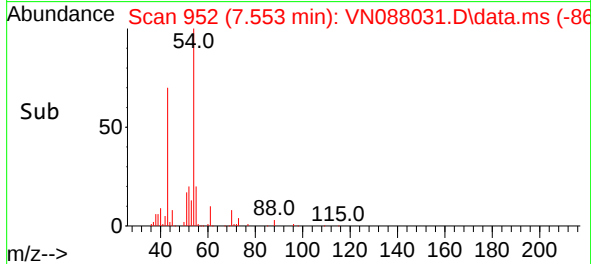
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 16304
Ion Ratio Lower Upper
43 100
45 12.8 10.2 15.4

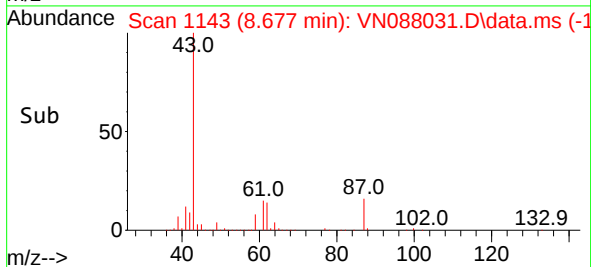
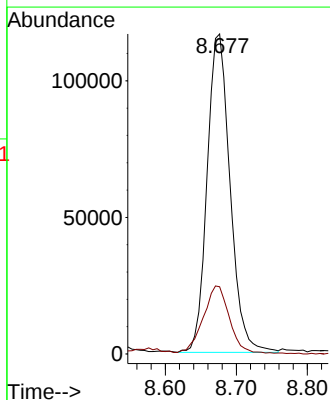
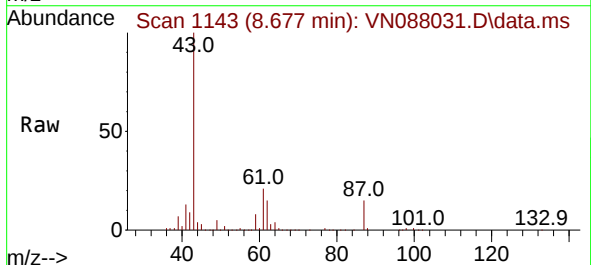
Manual Integrations
APPROVED

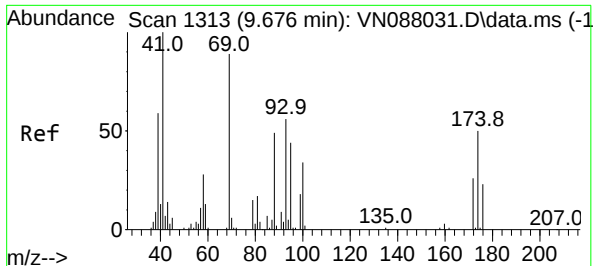
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#44
Isopropyl Acetate
Concen: 19.638 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

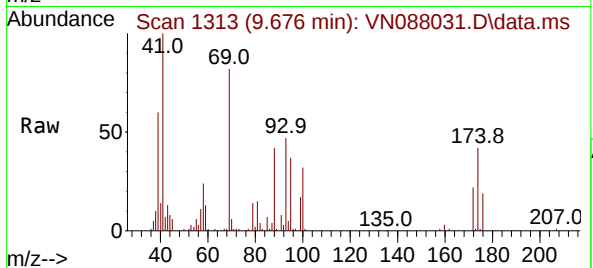
Tgt Ion: 43 Resp: 261811
Ion Ratio Lower Upper
43 100
61 23.4 18.7 28.1





#45
1,4-Dioxane
Concen: 430.590 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

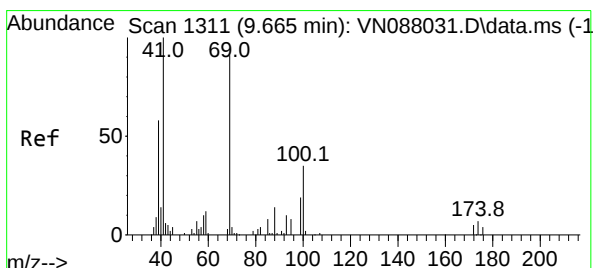
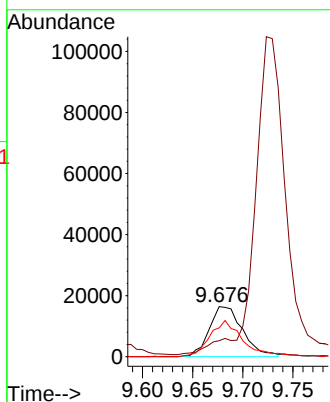
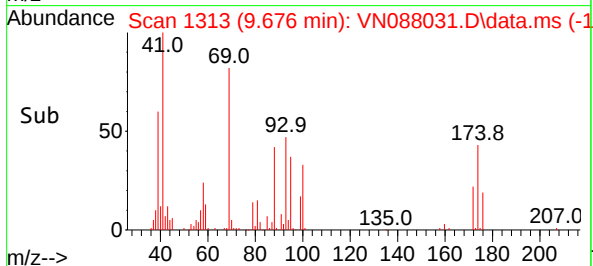
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



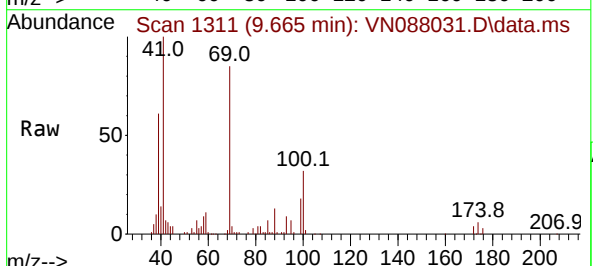
Tgt Ion: 88 Resp: 38180
Ion Ratio Lower Upper
88 100
43 23.2 18.6 27.8
58 71.8 57.4 86.2

Manual Integrations
APPROVED

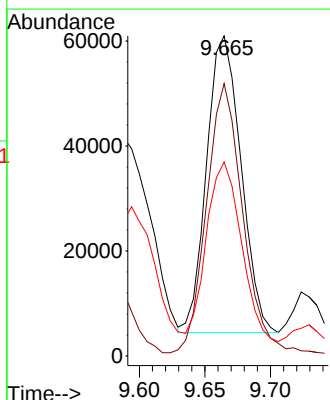
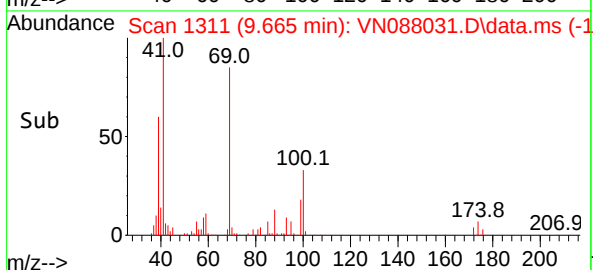
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

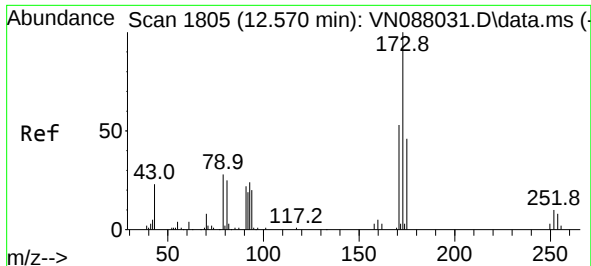


#46
Methyl methacrylate
Concen: 17.569 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08



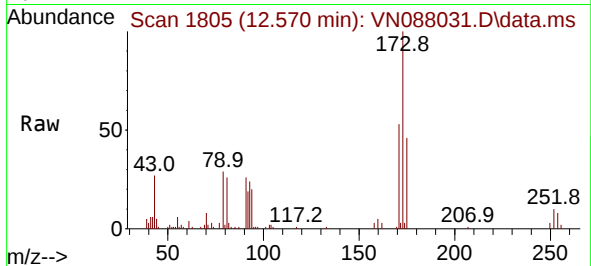
Tgt Ion: 41 Resp: 103153
Ion Ratio Lower Upper
41 100
69 89.8 44.9 134.7
39 60.5 30.3 90.8





#47
n-amy1 Acetate
Concen: 20.993 ug/l m
RT: 12.570 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

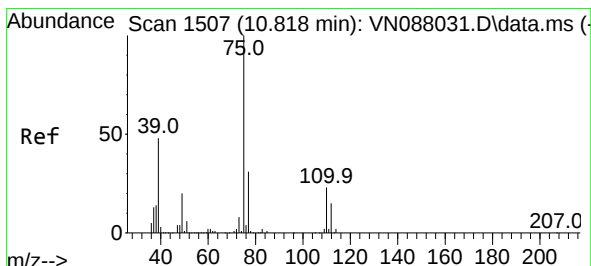
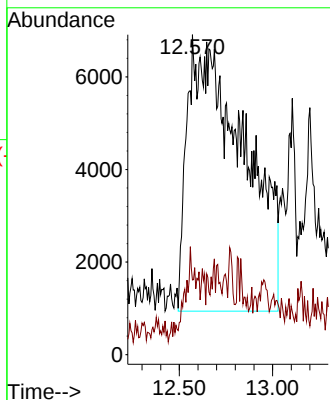
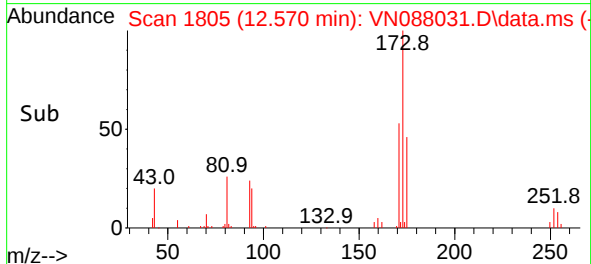
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



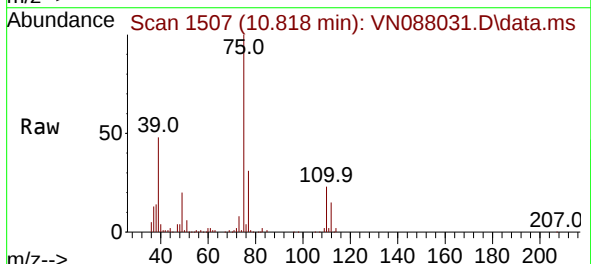
Tgt Ion: 43 Resp: 122978
Ion Ratio Lower Upper
43 100
55 0.6 0.6 0.8

Manual Integrations
APPROVED

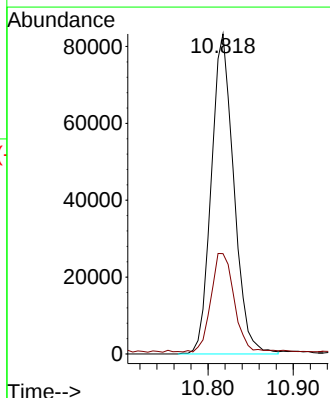
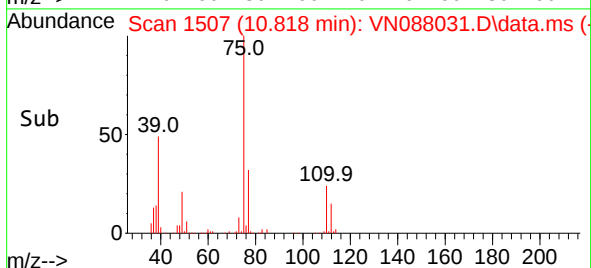
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

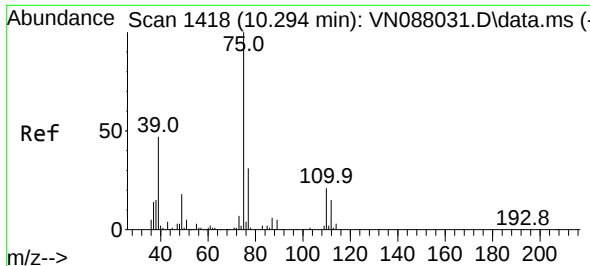


#48
t-1,3-Dichloropropene
Concen: 19.289 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08



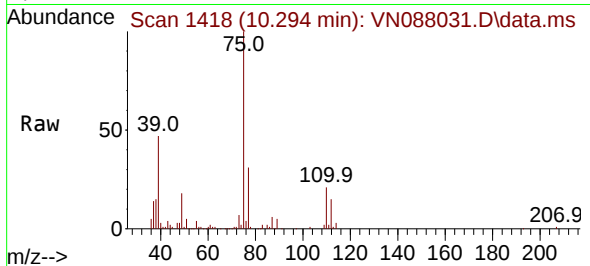
Tgt Ion: 75 Resp: 152693
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7





#49
 cis-1,3-Dichloropropene
 Concen: 19.591 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088031.D
 Acq: 08 Oct 2025 10:08

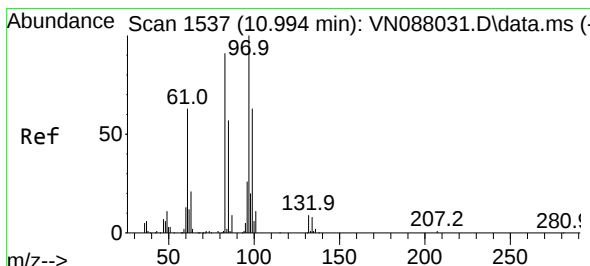
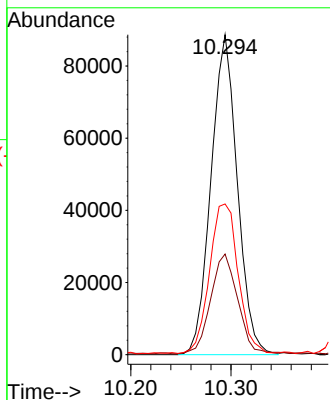
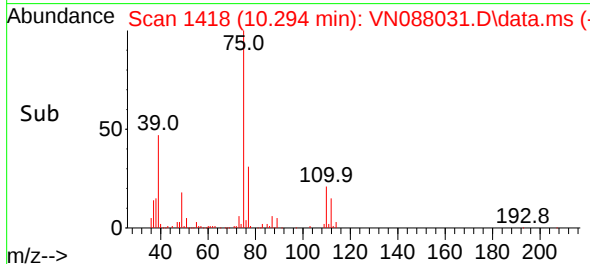
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75 Resp: 161768
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4
 39 46.7 37.4 56.0

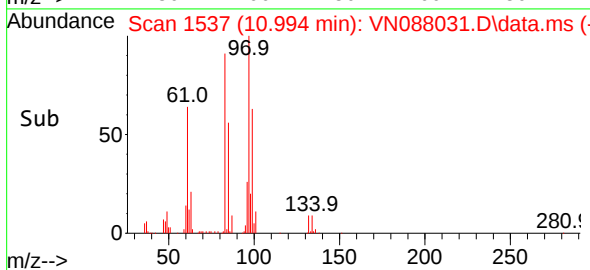
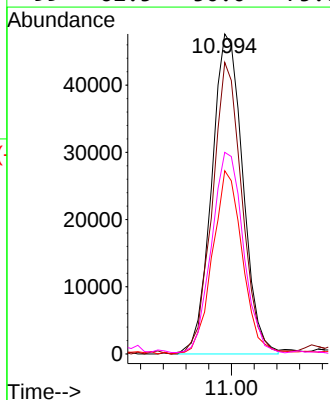
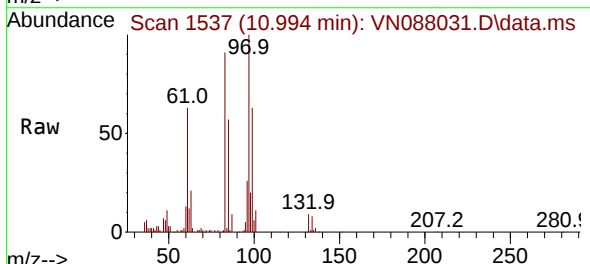
Manual Integrations
 APPROVED

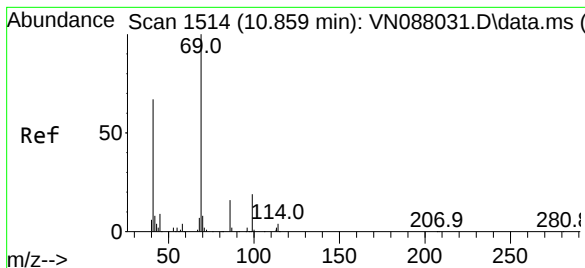
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.626 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088031.D
 Acq: 08 Oct 2025 10:08

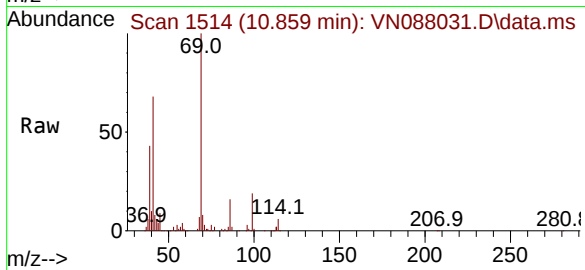
Tgt Ion: 97 Resp: 90592
 Ion Ratio Lower Upper
 97 100
 83 90.6 72.5 108.7
 85 56.9 45.5 68.3
 99 62.5 50.0 75.0





#51
Ethyl methacrylate
Concen: 18.933 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

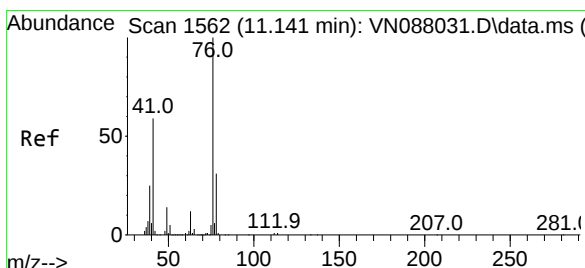
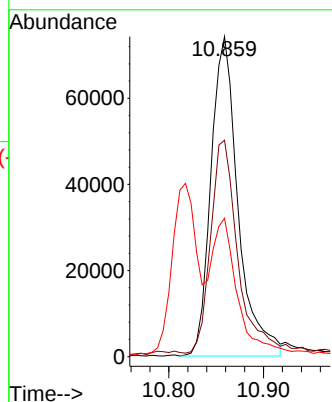
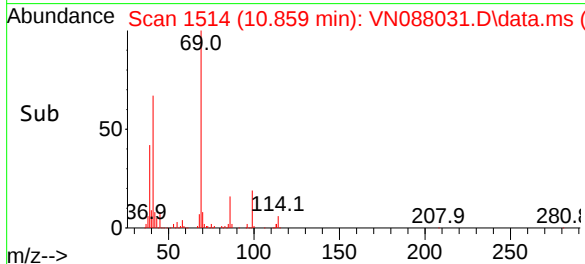
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 14790
Ion Ratio Lower Upper
69 100
41 66.5 33.3 99.8
39 40.7 20.3 61.0

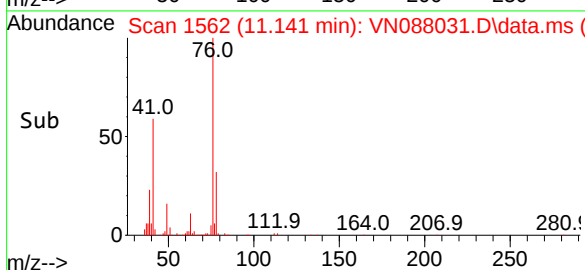
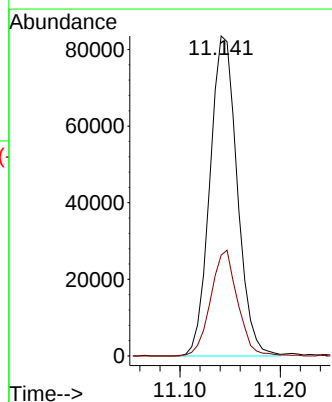
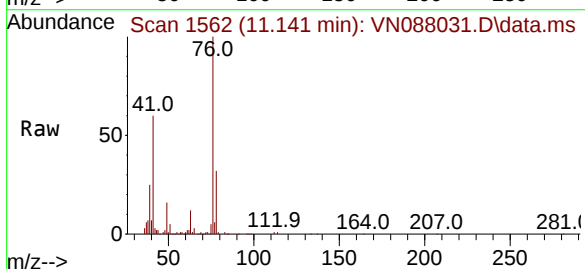
Manual Integrations
APPROVED

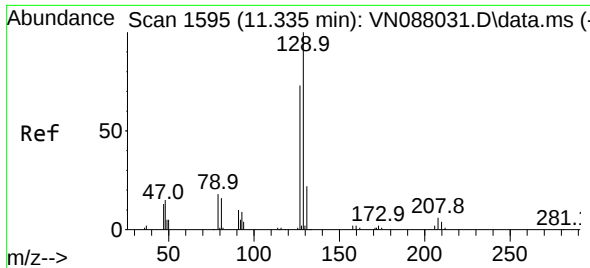
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#52
1,3-Dichloropropane
Concen: 19.710 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Tgt Ion: 76 Resp: 158729
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.0





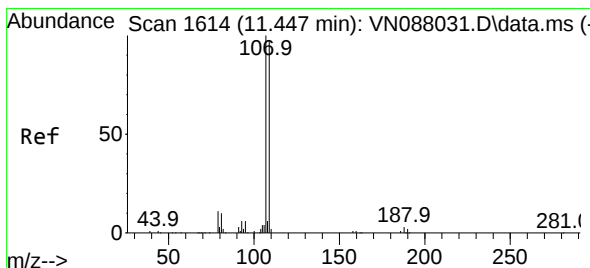
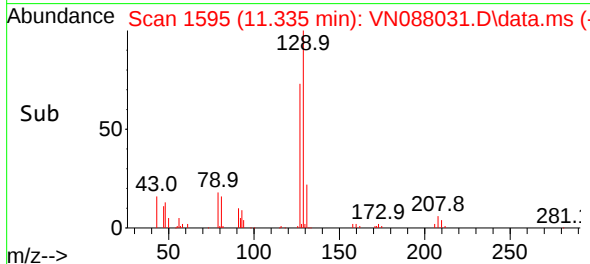
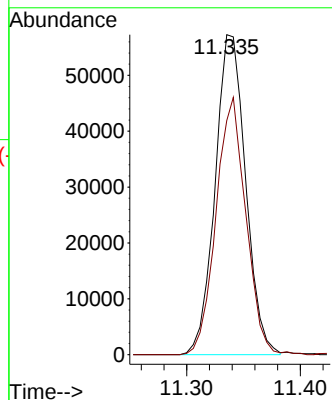
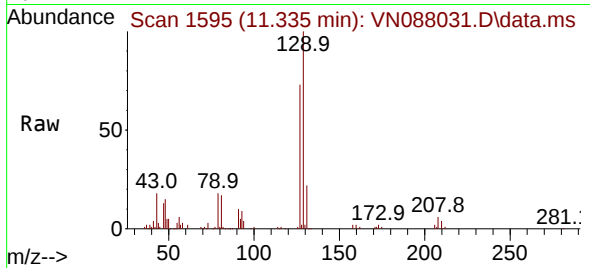
#53
Dibromochloromethane
Concen: 19.388 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 106989
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3

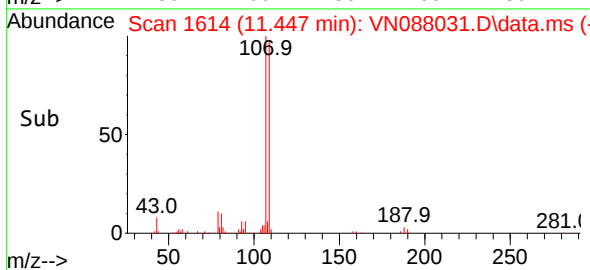
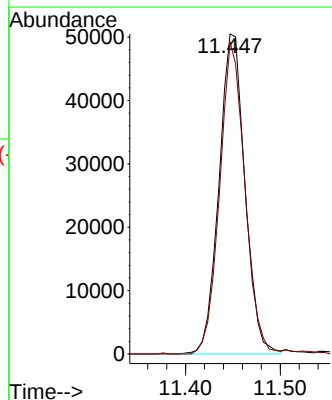
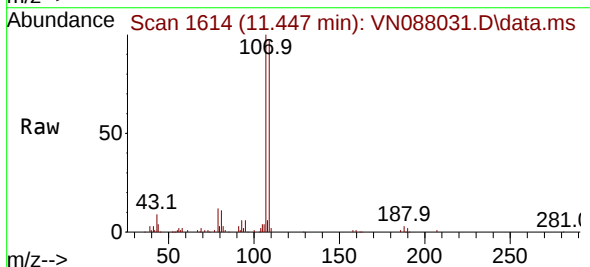
Manual Integrations
APPROVED

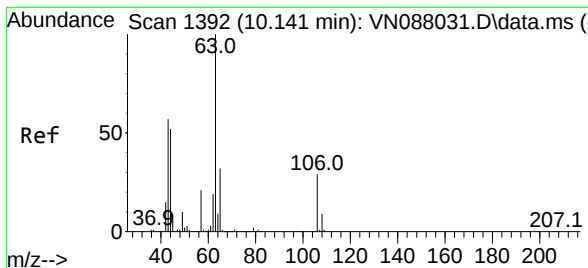
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#54
1,2-Dibromoethane
Concen: 19.472 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

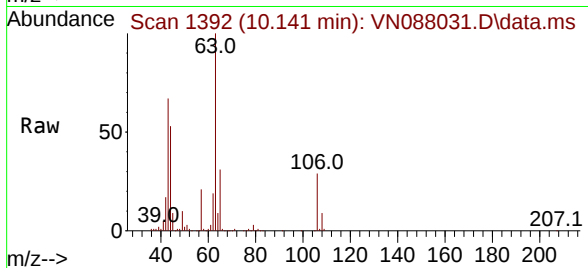
Tgt Ion:107 Resp: 96091
Ion Ratio Lower Upper
107 100
109 94.4 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 101.363 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

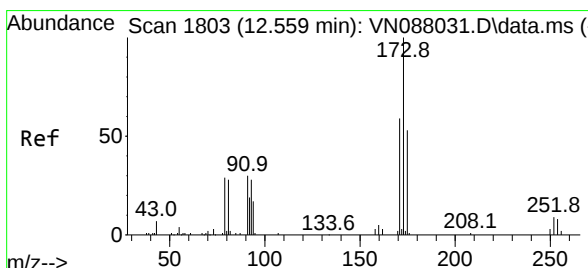
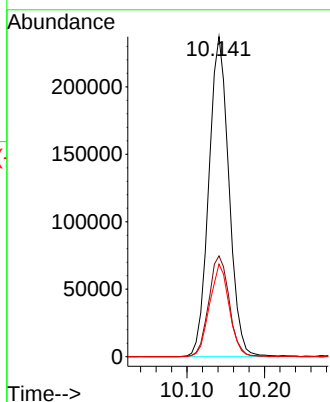
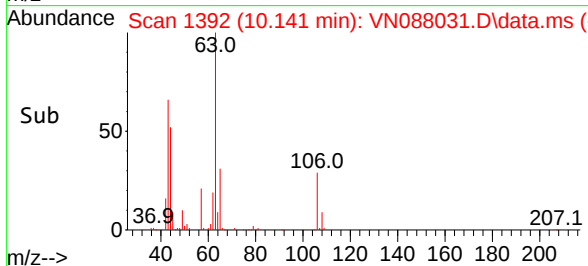
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 427409
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 28.3 22.6 34.0

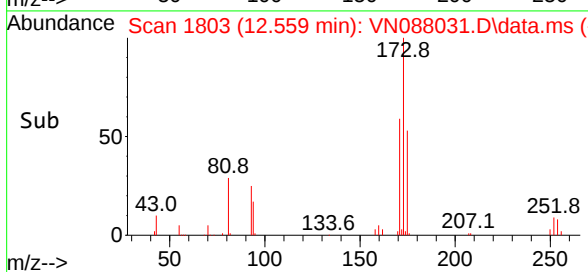
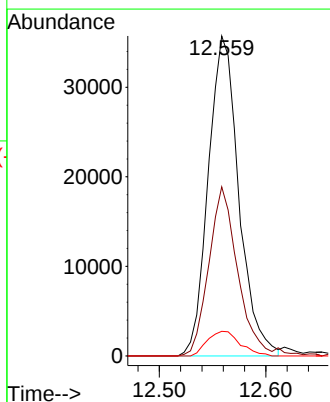
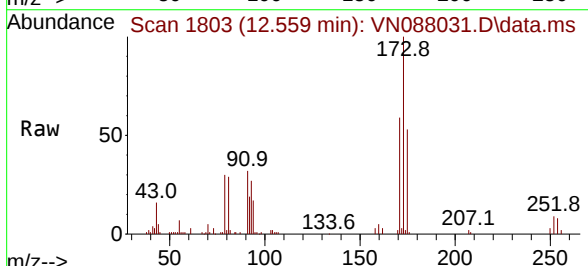
Manual Integrations
APPROVED

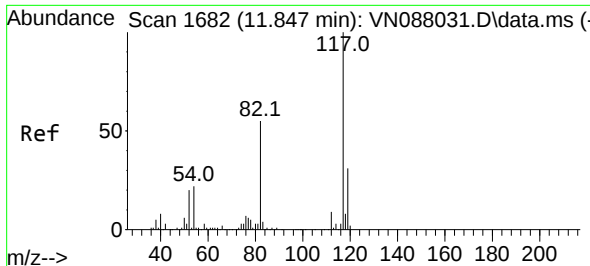
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#56
Bromoform
Concen: 19.053 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Tgt Ion:173 Resp: 71081
Ion Ratio Lower Upper
173 100
175 49.5 39.6 59.4
254 8.3 6.6 10.0





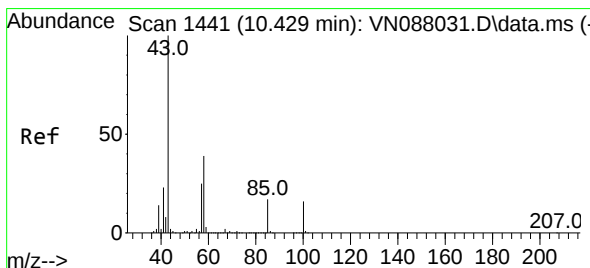
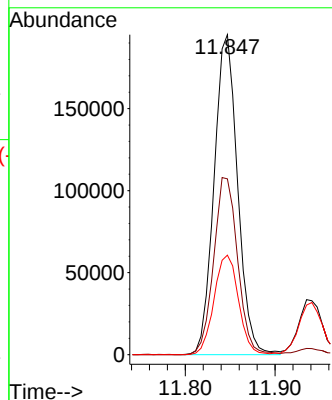
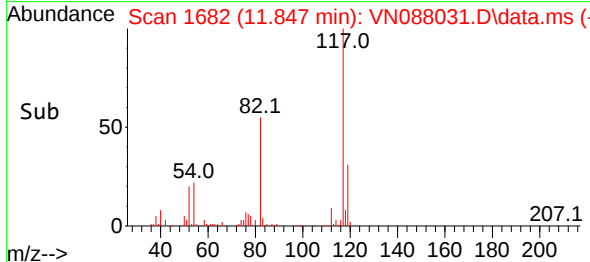
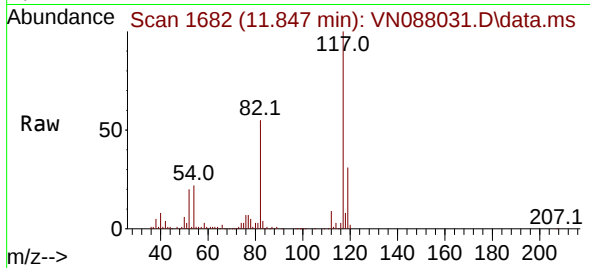
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:117 Resp: 35538
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 32.4 25.9 38.9

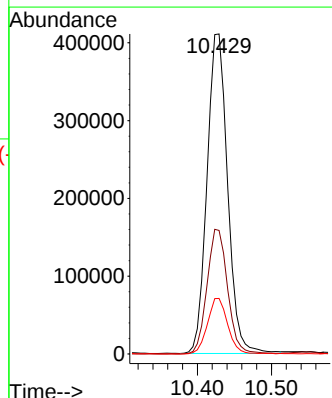
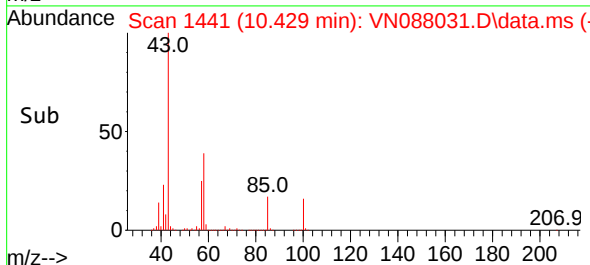
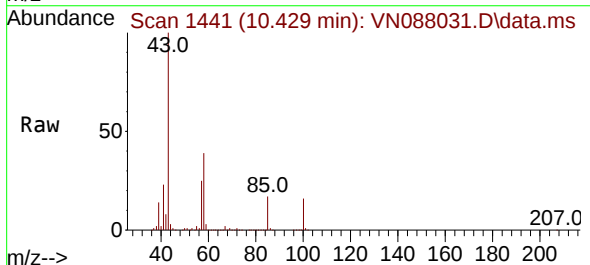
Manual Integrations
APPROVED

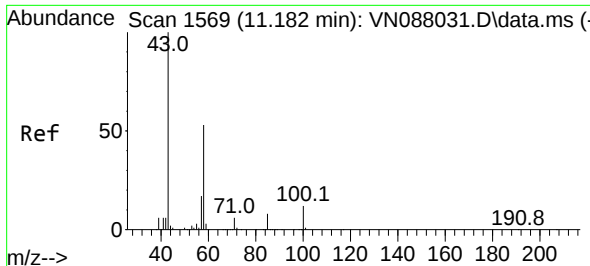
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#58
4-Methyl-2-Pentanone
Concen: 99.952 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

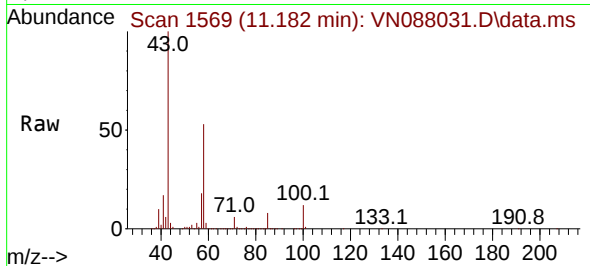
Tgt Ion: 43 Resp: 794535
Ion Ratio Lower Upper
43 100
58 39.0 31.2 46.8
85 17.1 13.7 20.5





#59
2-Hexanone
Concen: 98.602 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

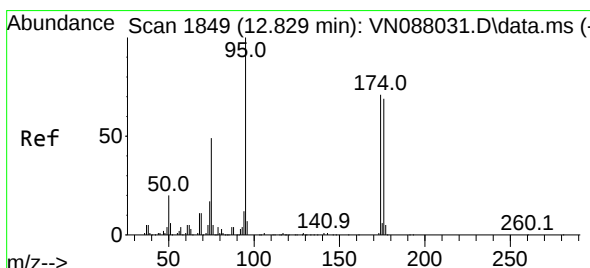
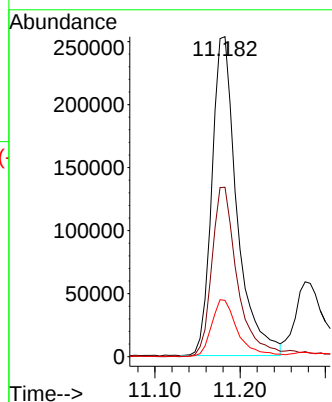
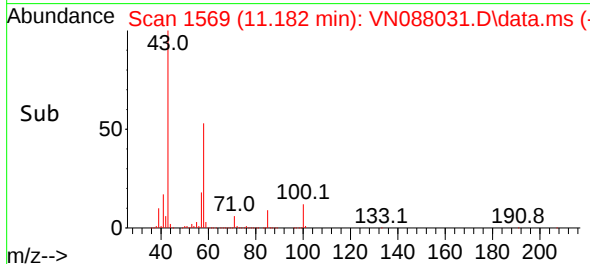
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



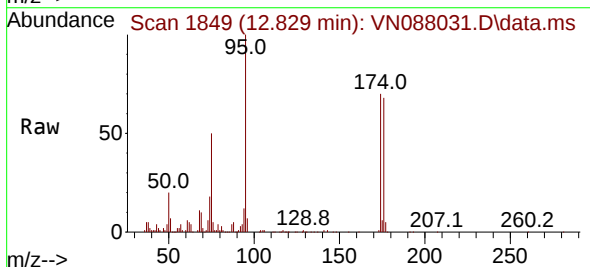
Tgt Ion: 43 Resp: 517498
Ion Ratio Lower Upper
43 100
58 53.9 43.1 64.7
57 18.2 14.6 21.8

Manual Integrations
APPROVED

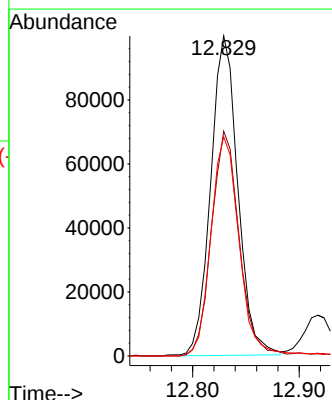
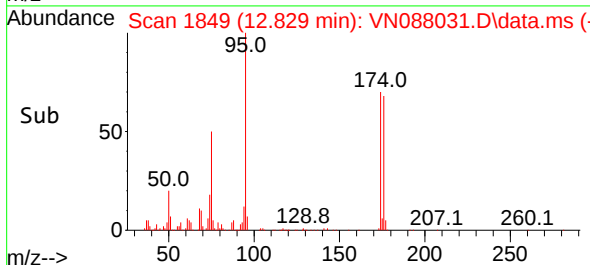
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

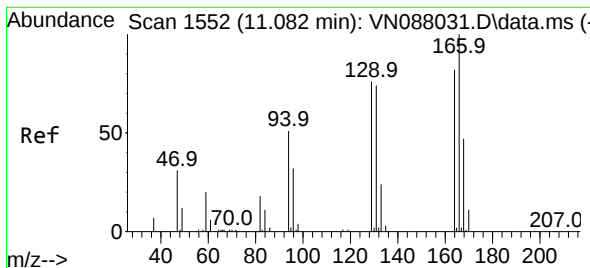


#60
4-Bromofluorobenzene
Concen: 30.136 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08



Tgt Ion: 95 Resp: 176557
Ion Ratio Lower Upper
95 100
174 71.7 57.4 86.0
176 71.2 57.0 85.4





#61

Tetrachloroethene

Concen: 20.155 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN088031.D

Acq: 08 Oct 2025 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 7253

Ion Ratio Lower Upper

164 100

166 121.5 97.2 145.8

129 92.1 73.7 110.5

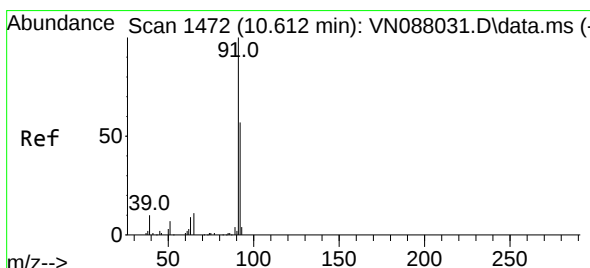
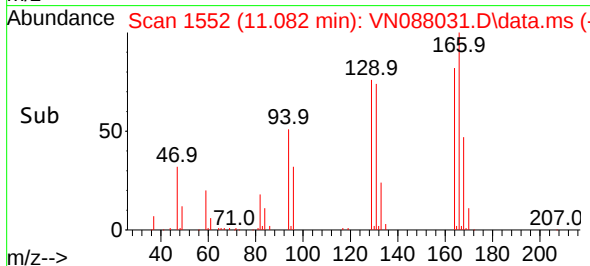
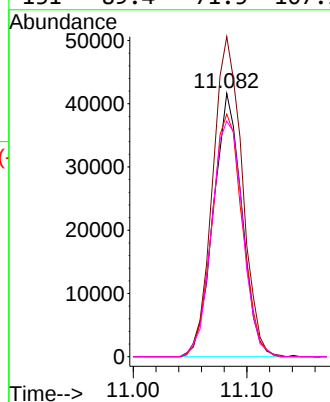
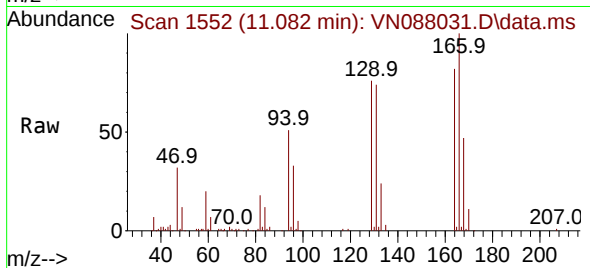
131 89.4 71.5 107.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#62

Toluene

Concen: 19.975 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN088031.D

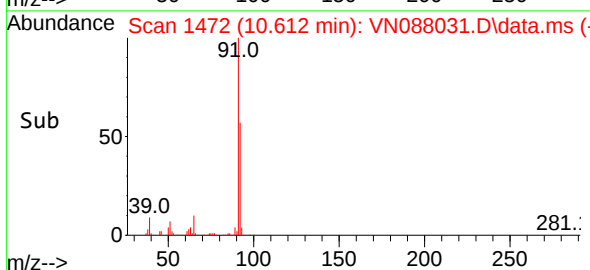
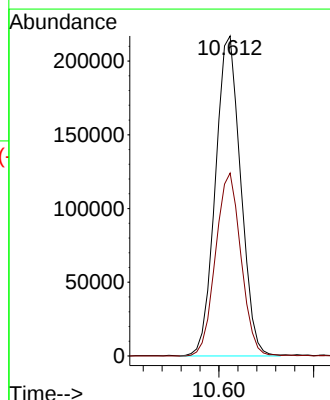
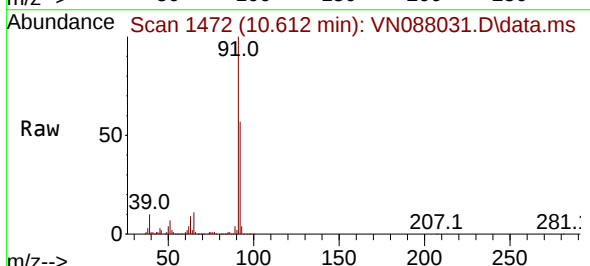
Acq: 08 Oct 2025 10:08

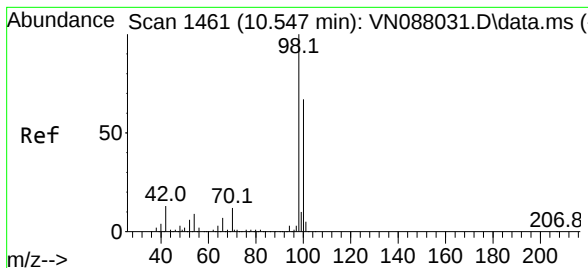
Tgt Ion: 91 Resp: 402666

Ion Ratio Lower Upper

91 100

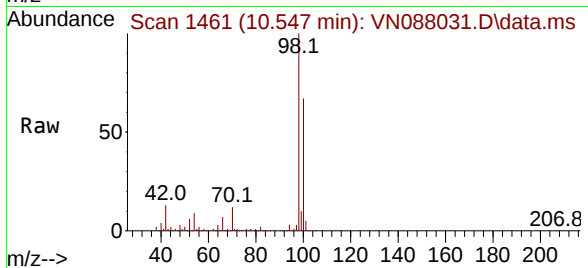
92 57.3 45.8 68.8





#63
Toluene-d8
Concen: 30.145 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

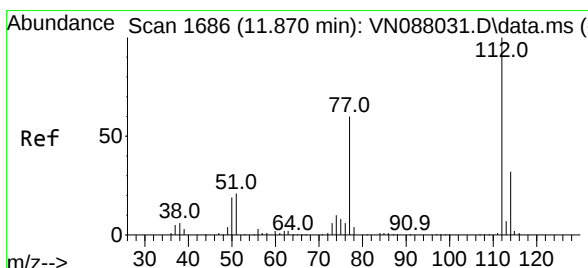
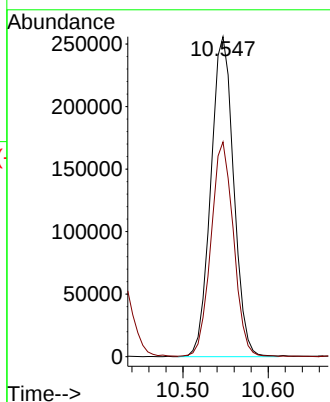
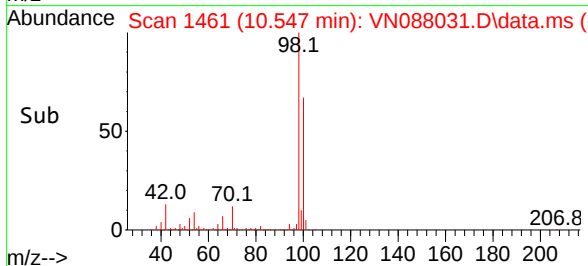
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 98 Resp: 477319
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

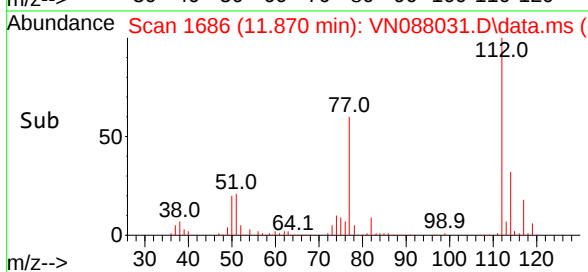
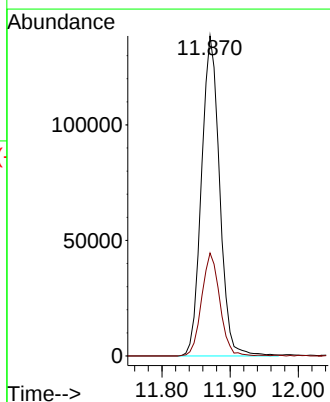
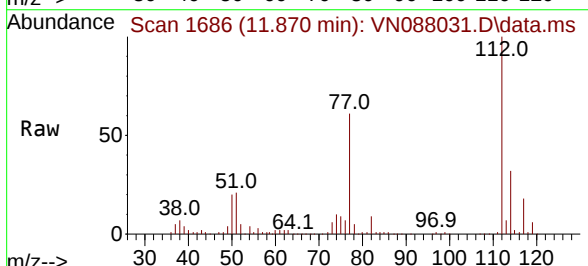
Manual Integrations
APPROVED

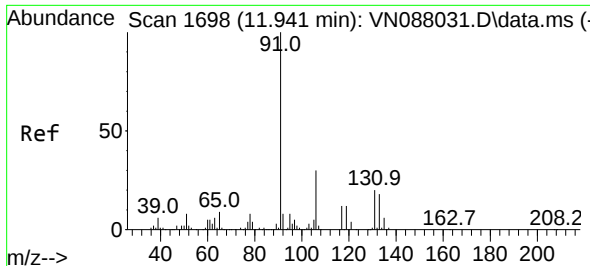
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#64
Chlorobenzene
Concen: 19.949 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Tgt Ion:112 Resp: 256863
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5





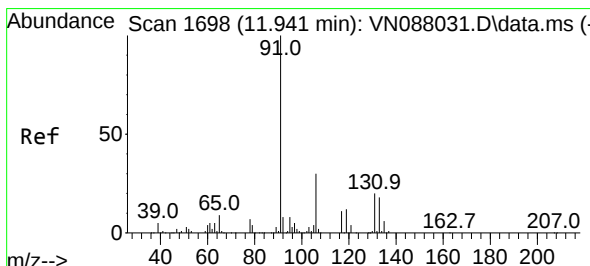
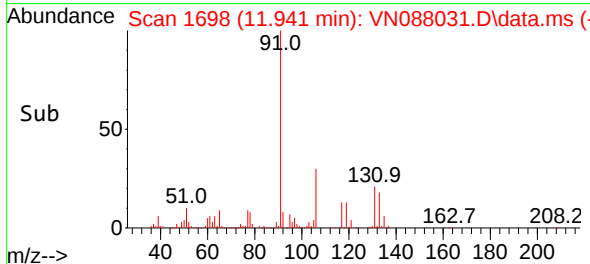
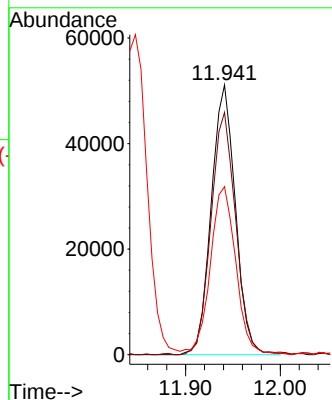
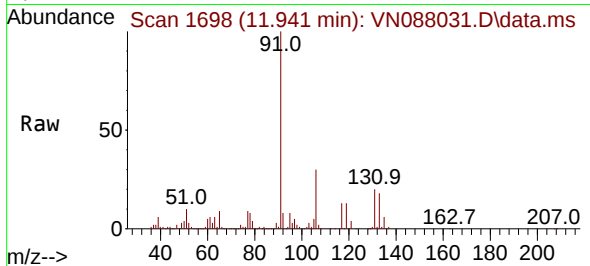
#65
1,1,1,2-Tetrachloroethane
Concen: 20.403 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 90530
Ion Ratio Lower Upper
131 100
133 91.9 0.0 183.8
119 66.0 0.0 132.0

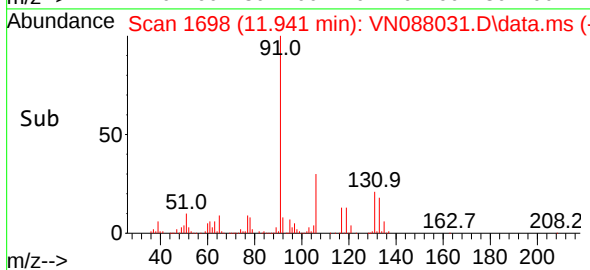
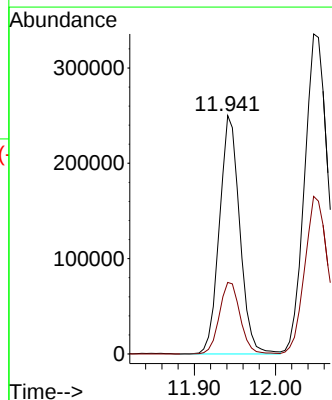
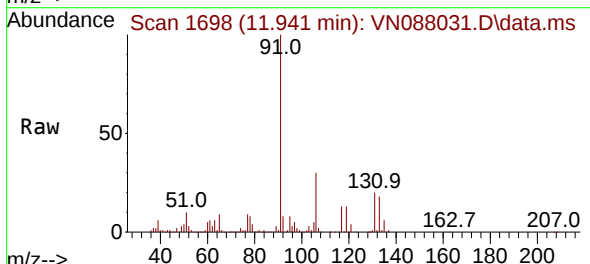
Manual Integrations
APPROVED

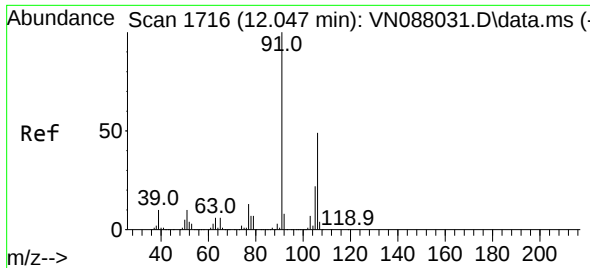
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#66
Ethyl Benzene
Concen: 19.873 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Tgt Ion: 91 Resp: 435618
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0





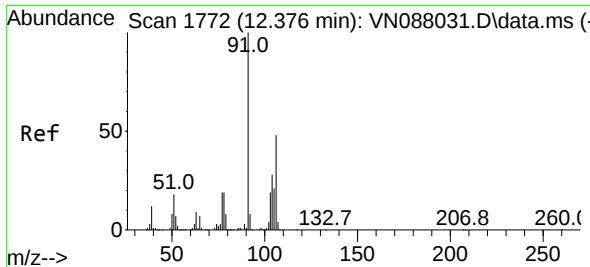
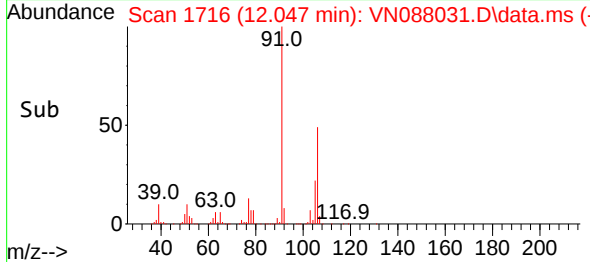
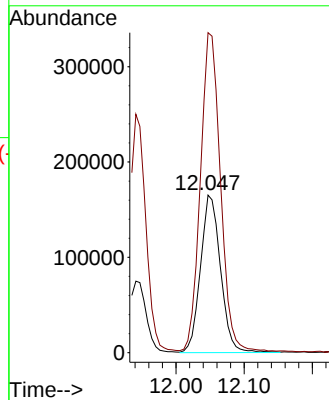
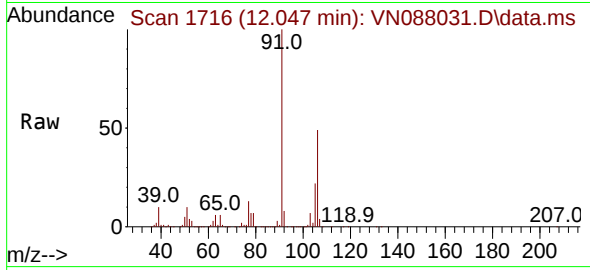
#67
m/p-Xylenes
Concen: 40.016 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 33814
Ion Ratio Lower Upper
106 100
91 201.7 161.4 242.0

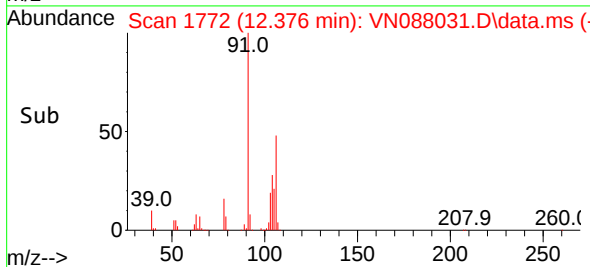
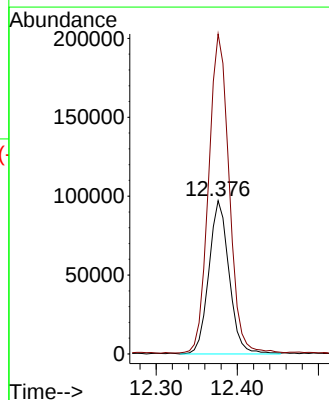
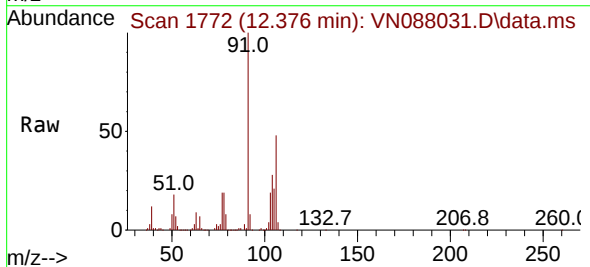
Manual Integrations
APPROVED

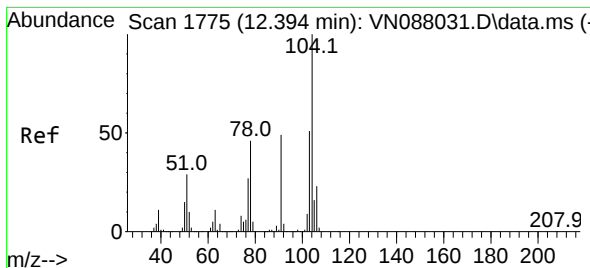
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#68
o-Xylene
Concen: 20.001 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Tgt Ion:106 Resp: 168249
Ion Ratio Lower Upper
106 100
91 210.4 105.2 315.6





#69

Styrene

Concen: 19.286 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN088031.D

Acq: 08 Oct 2025 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

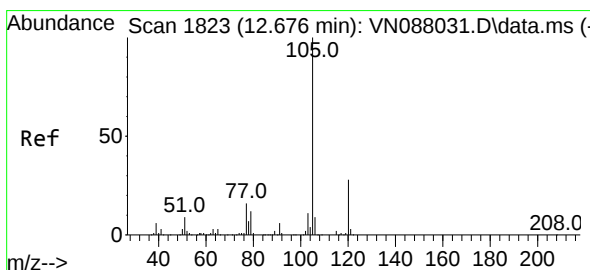
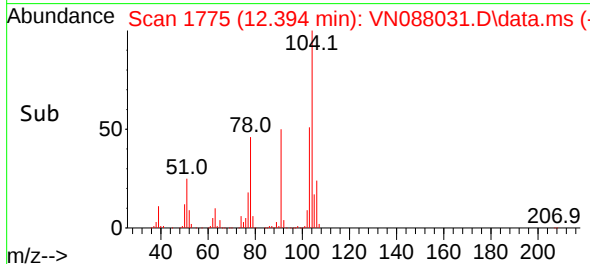
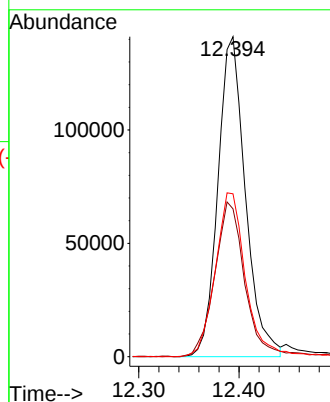
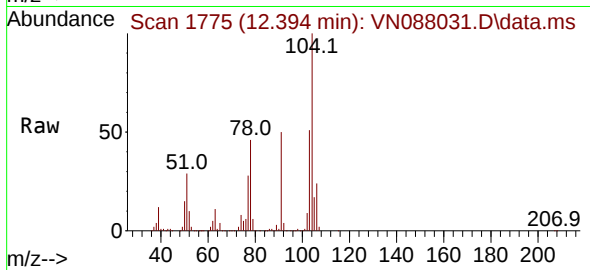
Tgt Ion:	104	Resp:	26837
Ion Ratio	Lower	Upper	
104	100		
78	52.2	41.8	62.6
103	56.1	44.9	67.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#70

Isopropylbenzene

Concen: 19.771 ug/l

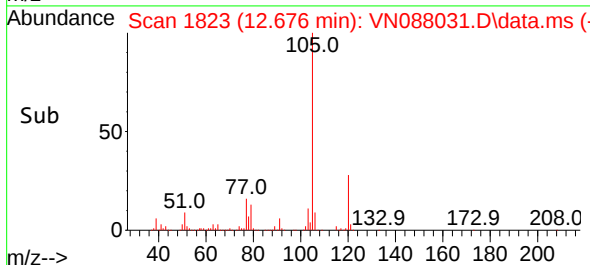
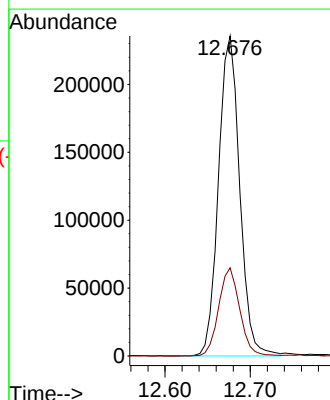
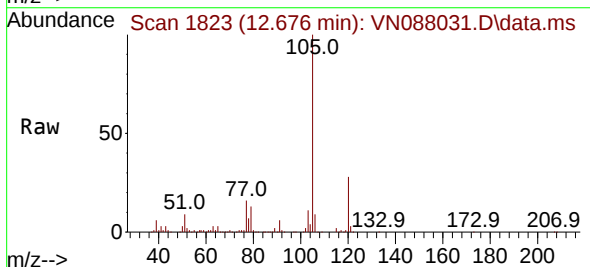
RT: 12.676 min Scan# 1823

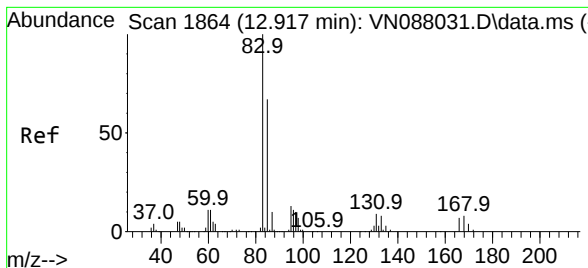
Delta R.T. 0.000 min

Lab File: VN088031.D

Acq: 08 Oct 2025 10:08

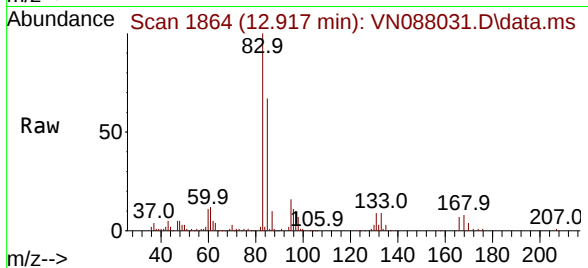
Tgt Ion:	105	Resp:	407637
Ion Ratio	Lower	Upper	
105	100		
120	27.3	19.1	35.5





#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.750 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN088031.D
 Acq: 08 Oct 2025 10:08

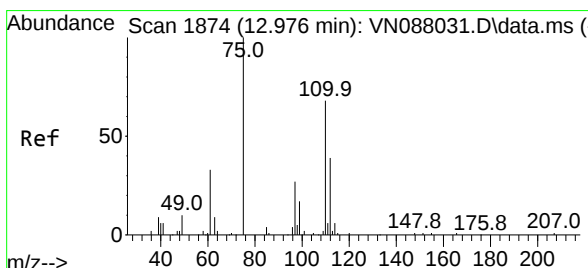
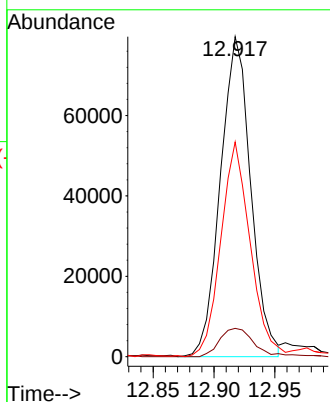
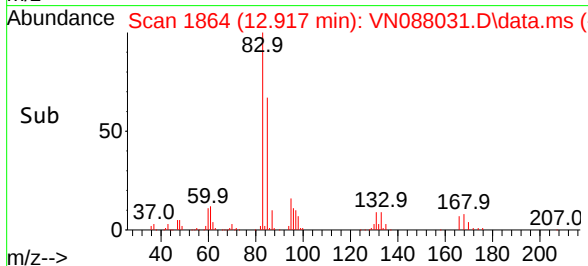
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 83 Resp: 138052
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.3
 85 64.8 32.4 97.2

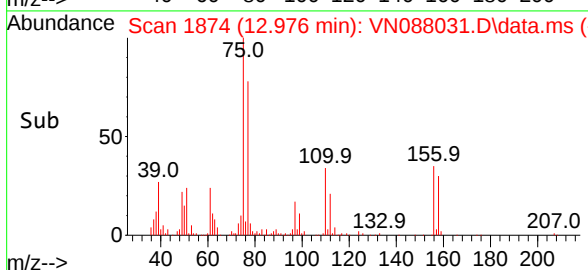
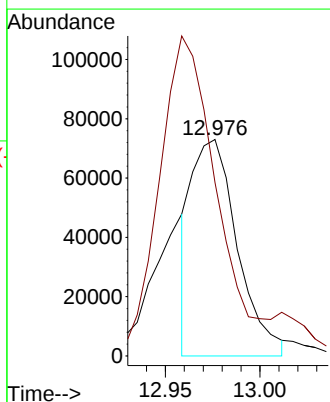
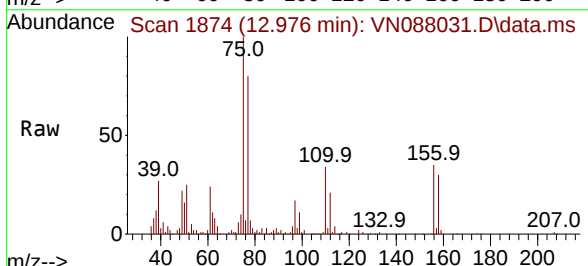
Manual Integrations
 APPROVED

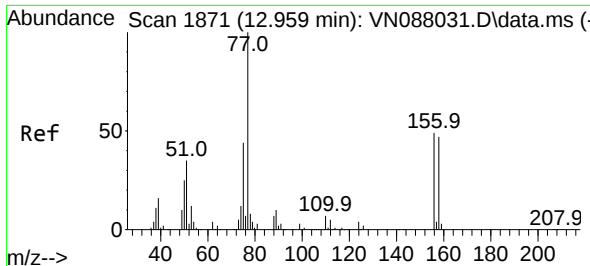
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#72
 1,2,3-Trichloropropane
 Concen: 18.069 ug/l m
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.000 min
 Lab File: VN088031.D
 Acq: 08 Oct 2025 10:08

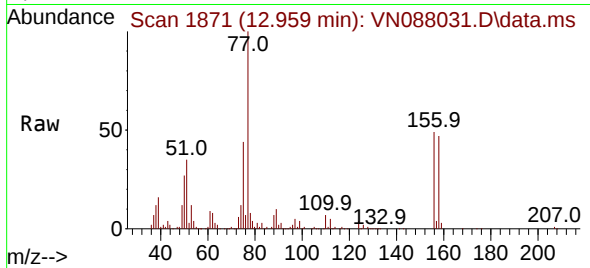
Tgt Ion: 75 Resp: 122603
 Ion Ratio Lower Upper
 75 100
 77 182.0 0.0 364.0





#73
Bromobenzene
Concen: 20.133 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

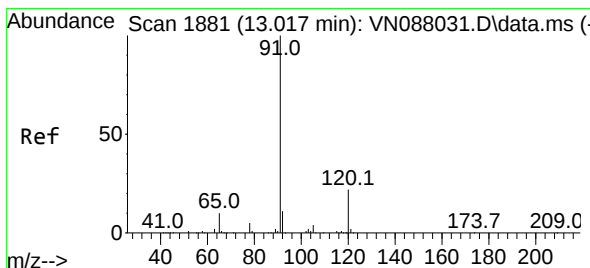
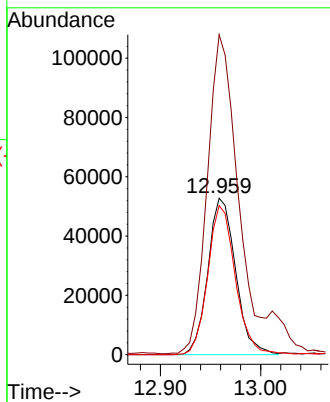
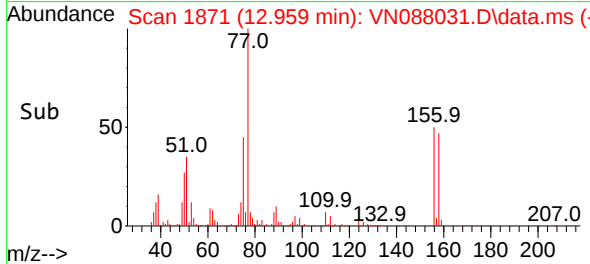
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:156 Resp: 10145
Ion Ratio Lower Upper
156 100
77 219.9 0.0 439.8
158 95.0 0.0 190.0

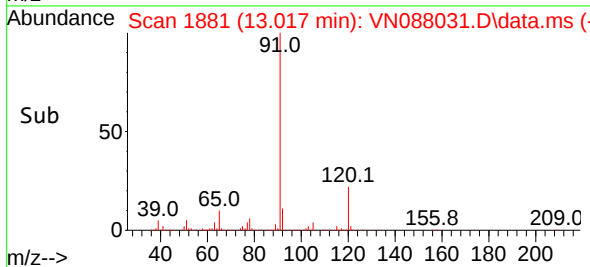
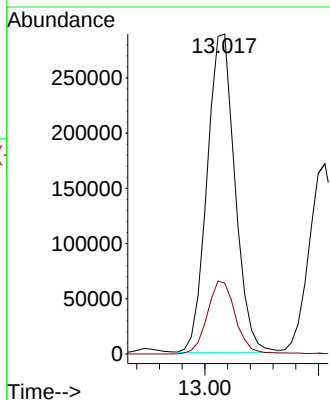
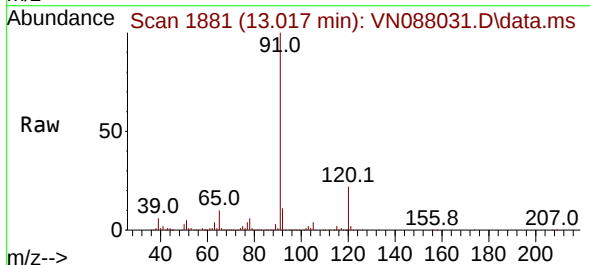
Manual Integrations
APPROVED

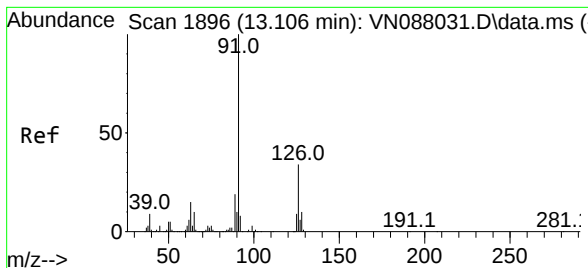
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#74
n-propylbenzene
Concen: 19.820 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

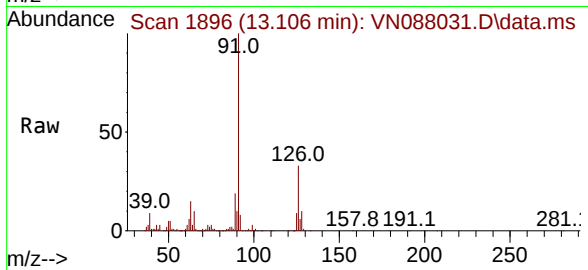
Tgt Ion: 91 Resp: 493301
Ion Ratio Lower Upper
91 100
120 23.1 0.0 46.2





#75
2-Chlorotoluene
Concen: 19.817 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

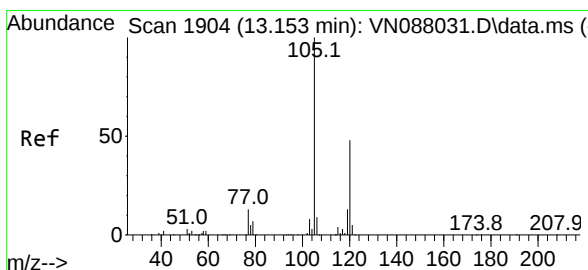
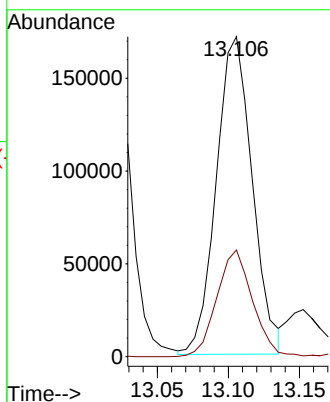
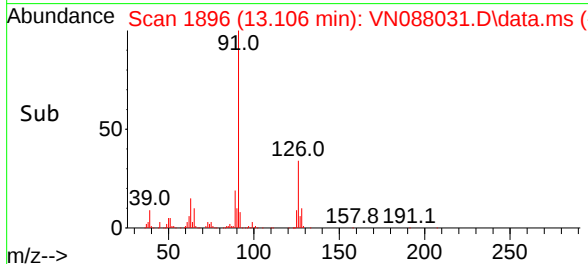
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



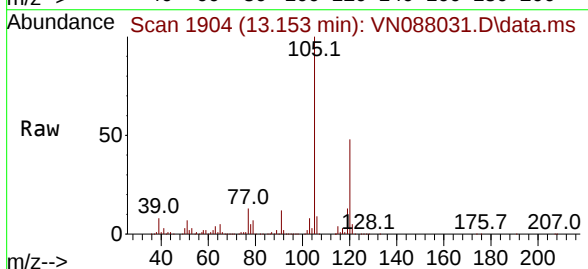
Tgt Ion: 91 Resp: 301590
Ion Ratio Lower Upper
91 100
126 33.3 0.0 66.6

Manual Integrations
APPROVED

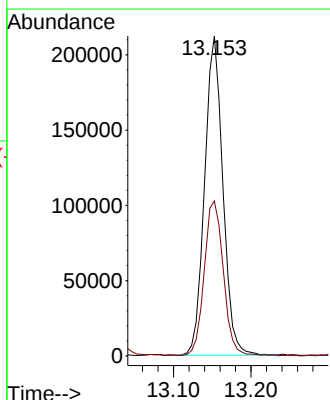
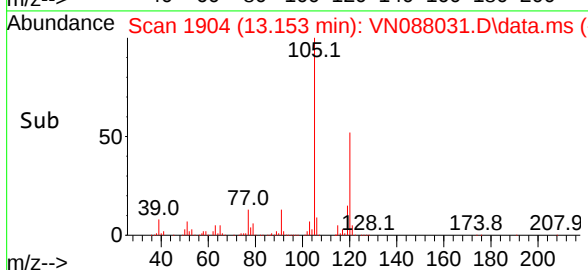
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

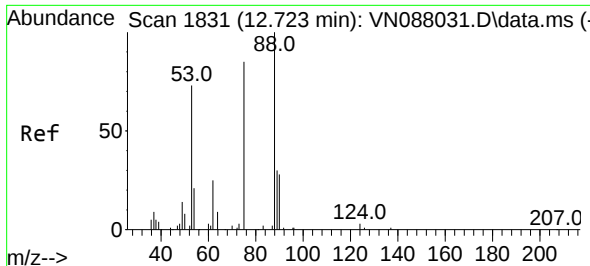


#76
1,3,5-Trimethylbenzene
Concen: 19.811 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08



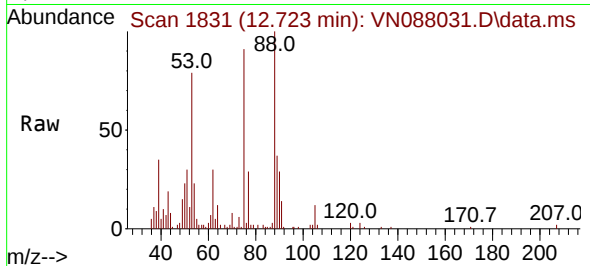
Tgt Ion:105 Resp: 346960
Ion Ratio Lower Upper
105 100
120 50.3 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.492 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

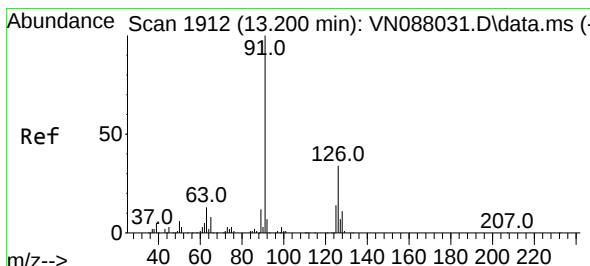
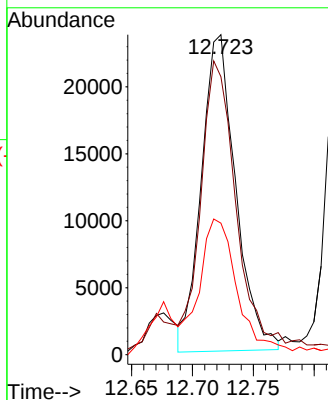
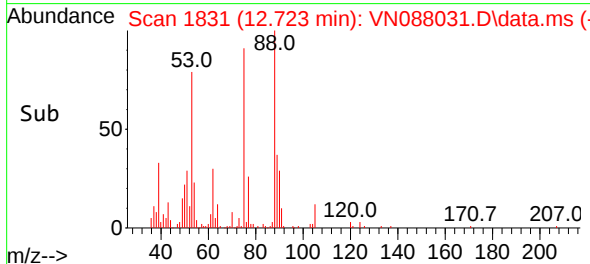
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 4643
Ion Ratio Lower Upper
75 100
53 83.5 41.8 125.3
89 39.7 19.9 59.6

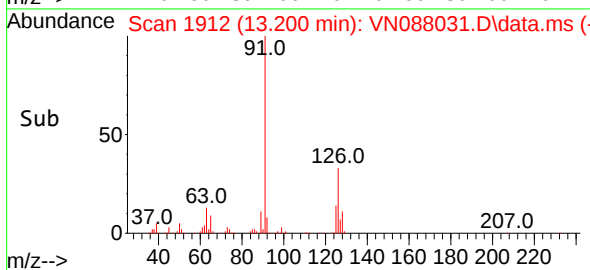
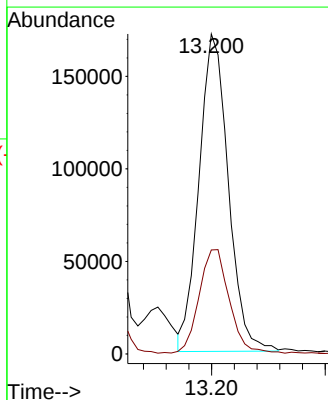
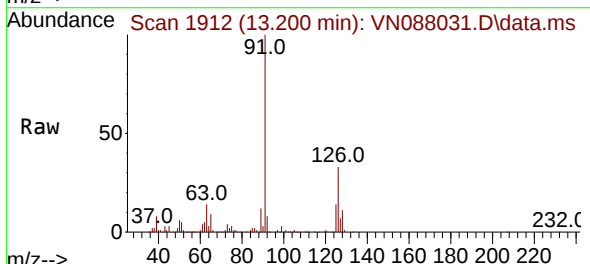
Manual Integrations
APPROVED

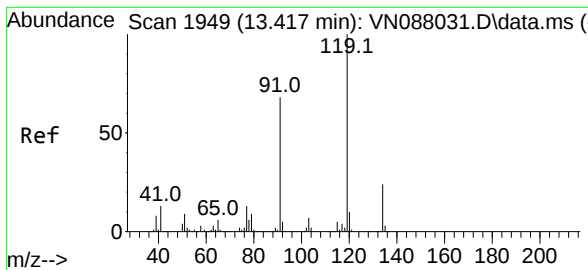
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#78
4-Chlorotoluene
Concen: 19.866 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Tgt Ion: 91 Resp: 307157
Ion Ratio Lower Upper
91 100
126 34.4 0.0 68.8





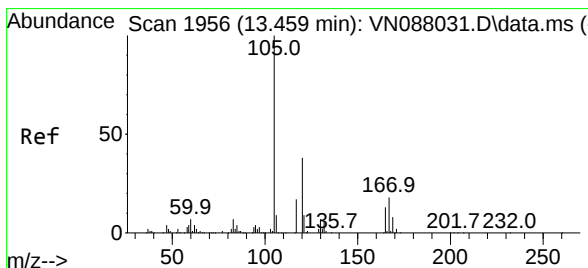
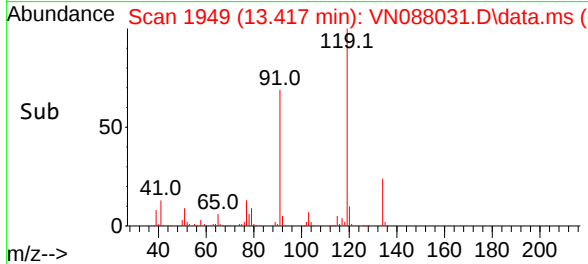
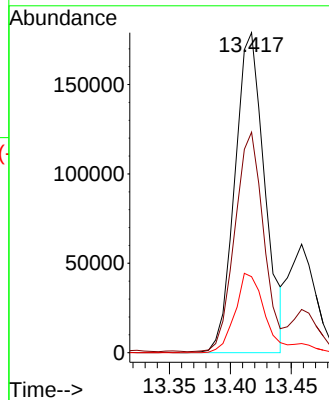
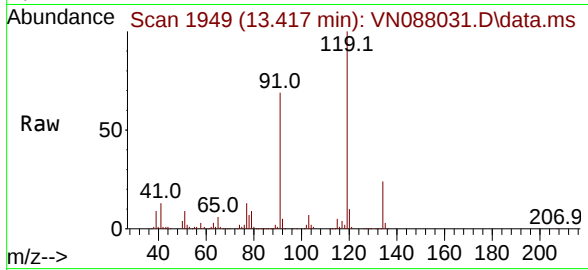
#79
tert-butylbenzene
Concen: 20.082 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 304884
Ion Ratio Lower Upper
119 100
91 66.2 0.0 132.4
134 24.3 0.0 48.6

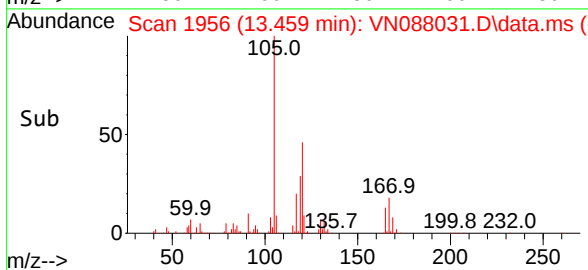
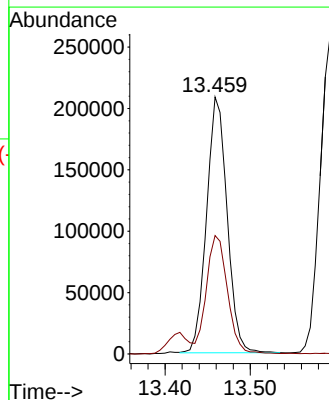
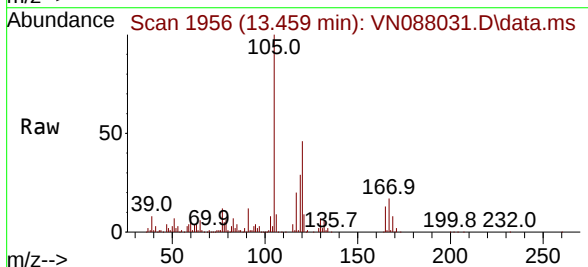
Manual Integrations
APPROVED

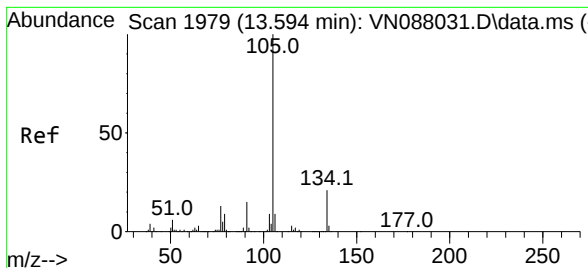
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.910 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

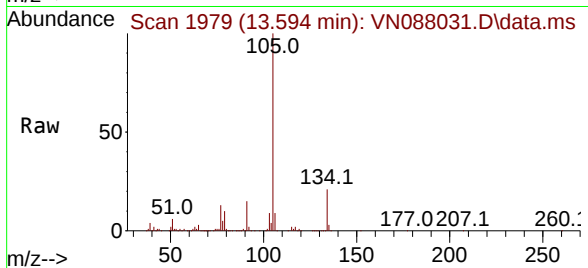
Tgt Ion:105 Resp: 349065
Ion Ratio Lower Upper
105 100
120 46.9 0.0 93.8





#81
 sec-Butylbenzene
 Concen: 20.002 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088031.D
 Acq: 08 Oct 2025 10:08

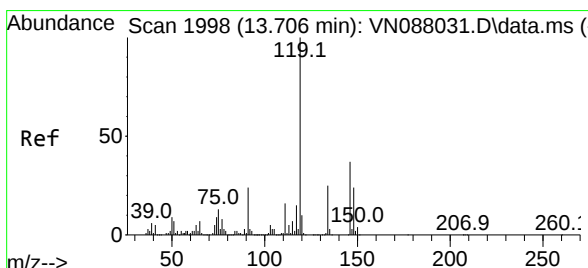
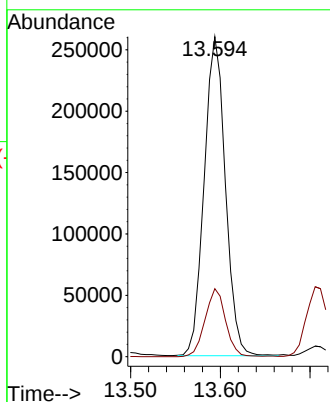
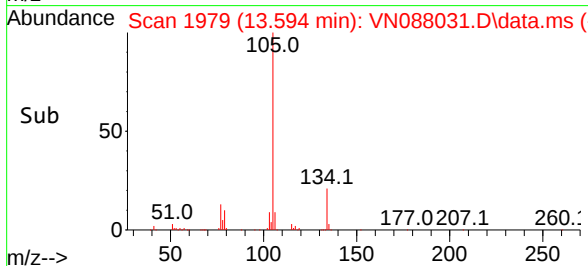
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



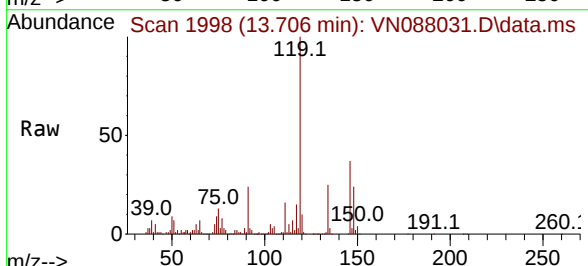
Tgt Ion:105 Resp: 426979
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.2

Manual Integrations
 APPROVED

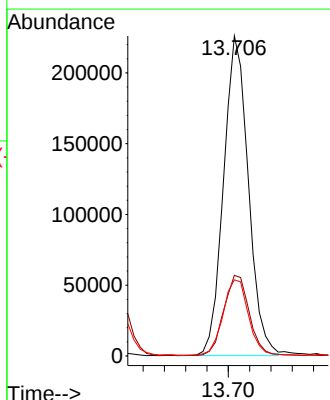
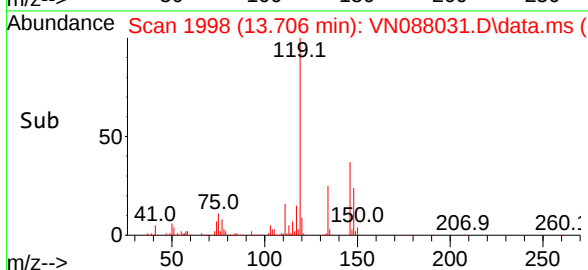
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025

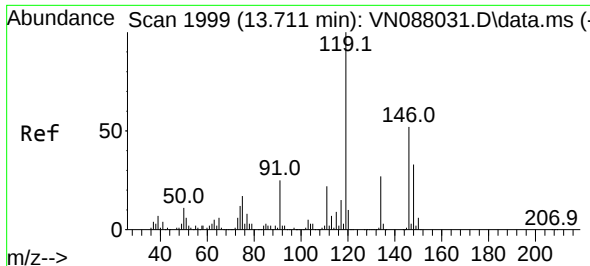


#82
 p-Isopropyltoluene
 Concen: 20.025 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088031.D
 Acq: 08 Oct 2025 10:08



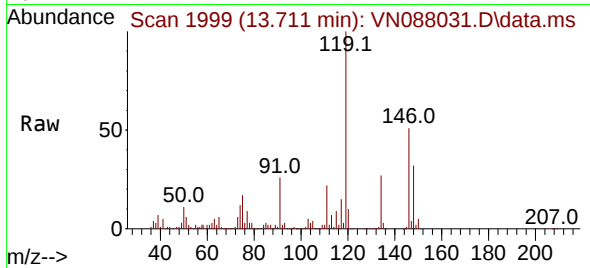
Tgt Ion:119 Resp: 364945
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 24.1 0.0 48.2





#83
 1,3-Dichlorobenzene
 Concen: 20.090 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN088031.D
 Acq: 08 Oct 2025 10:08

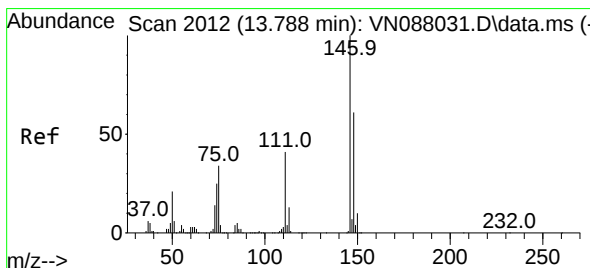
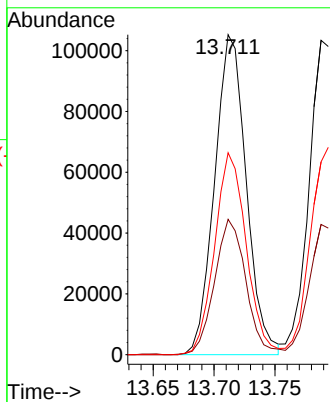
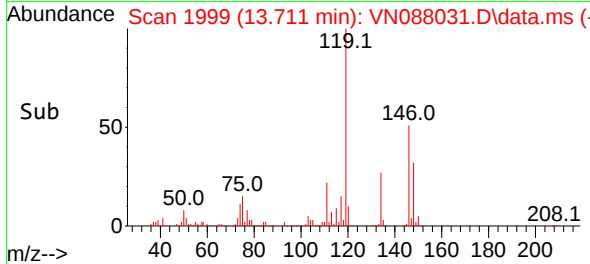
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



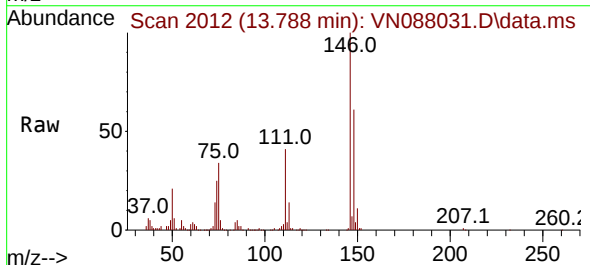
Tgt Ion:146 Resp: 190470
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 63.0 31.5 94.5

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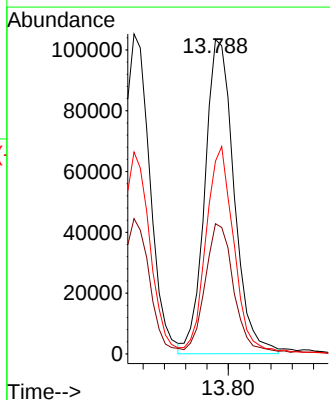
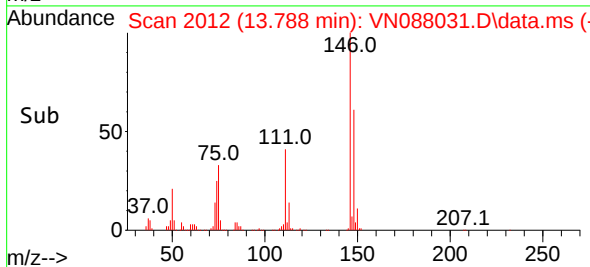
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025

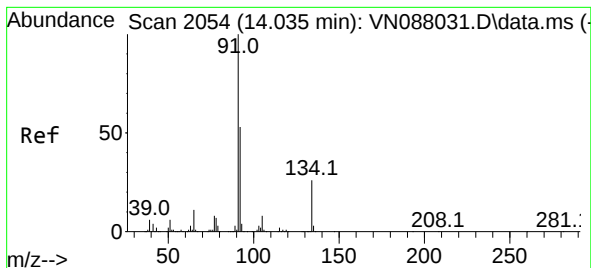


#84
 1,4-Dichlorobenzene
 Concen: 20.183 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN088031.D
 Acq: 08 Oct 2025 10:08



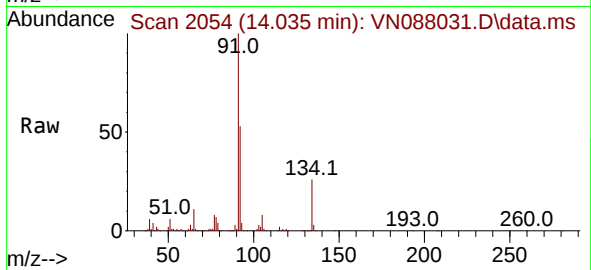
Tgt Ion:146 Resp: 197354
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 63.9 31.9 95.9





#85
n-Butylbenzene
Concen: 20.022 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

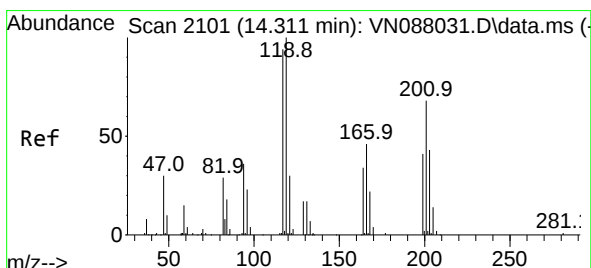
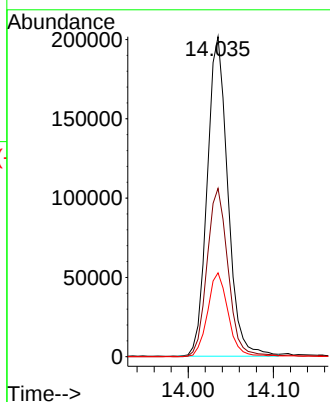
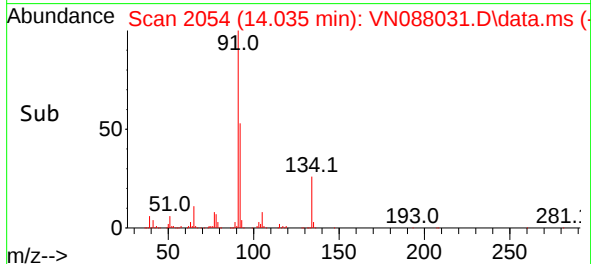
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 33947
Ion Ratio Lower Upper
91 100
92 53.8 0.0 107.6
134 26.3 0.0 52.6

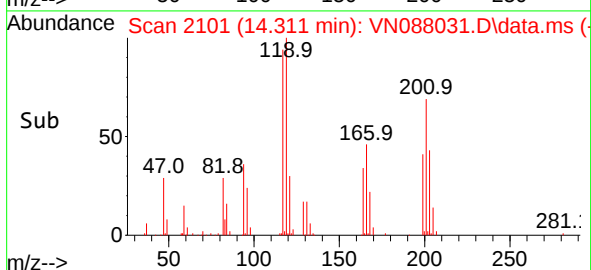
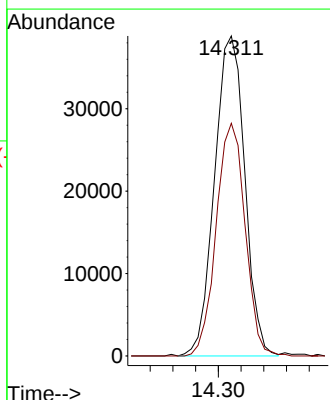
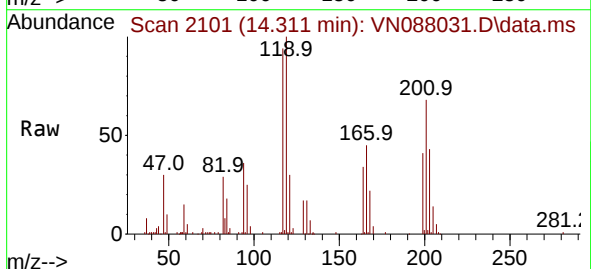
Manual Integrations
APPROVED

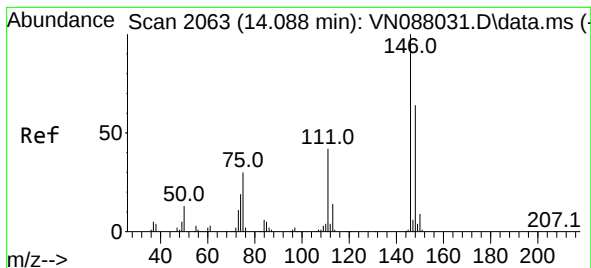
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#86
Hexachloroethane
Concen: 19.668 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

Tgt Ion:117 Resp: 71806
Ion Ratio Lower Upper
117 100
201 69.5 34.8 104.3





#87

1,2-Dichlorobenzene

Concen: 19.974 ug/l

RT: 14.088 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VN088031.D

Acq: 08 Oct 2025 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

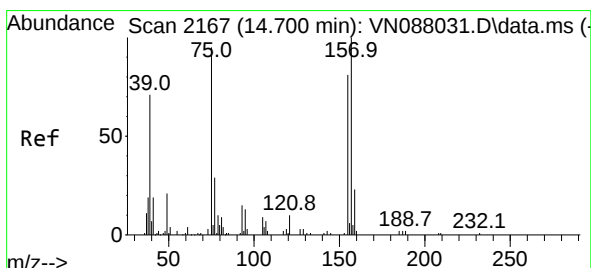
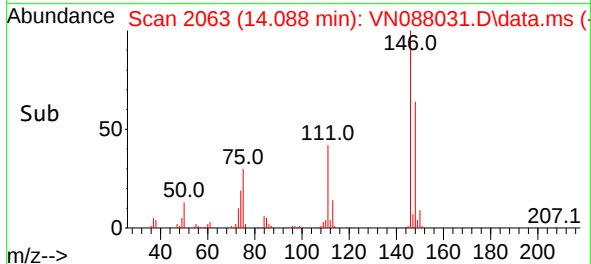
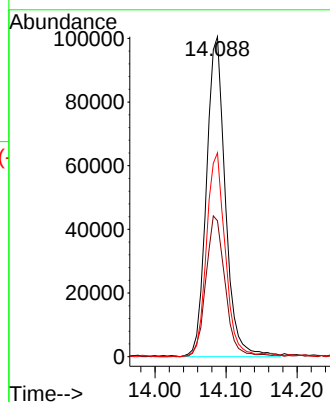
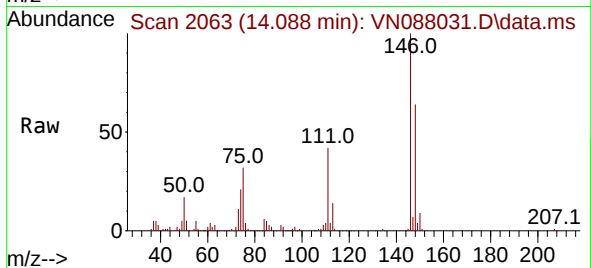
Tgt Ion:	146	Resp:	18627
Ion Ratio	Lower	Upper	
146	100		
111	44.5	22.3	66.8
148	62.9	31.4	94.3

Manual Integrations

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Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.674 ug/l

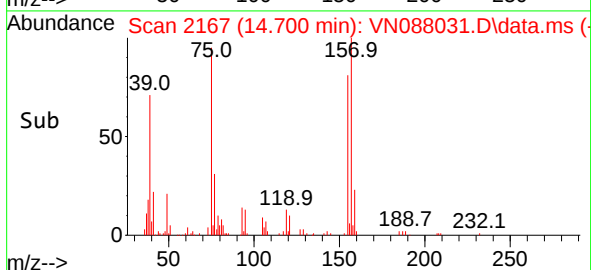
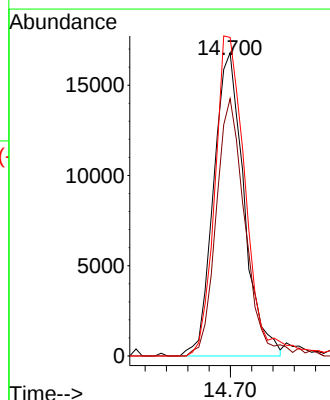
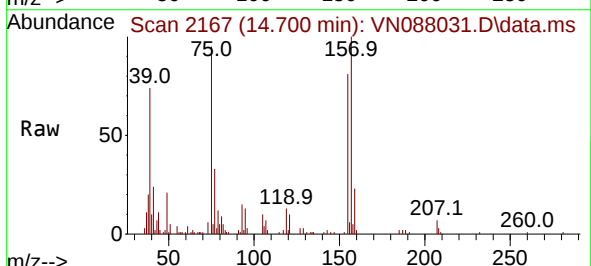
RT: 14.700 min Scan# 2167

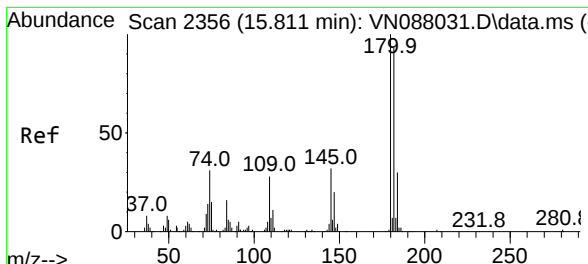
Delta R.T. 0.000 min

Lab File: VN088031.D

Acq: 08 Oct 2025 10:08

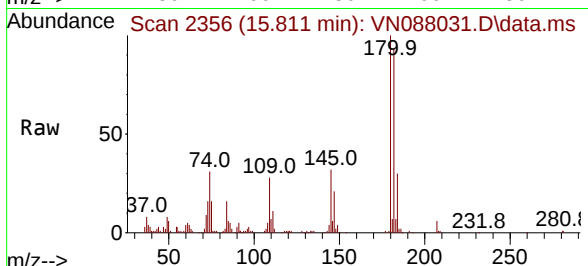
Tgt Ion:	75	Resp:	33189
Ion Ratio	Lower	Upper	
75	100		
155	79.4	63.5	95.3
157	102.1	81.7	122.5





#89
1,2,4-Trichlorobenzene
Concen: 20.037 ug/l
RT: 15.811 min Scan# 21130
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

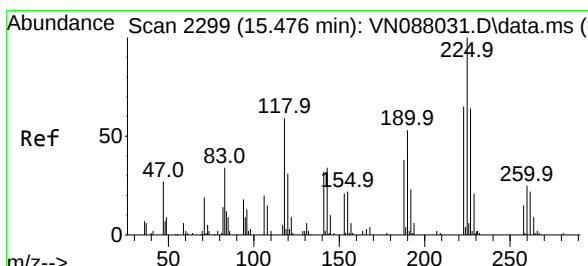
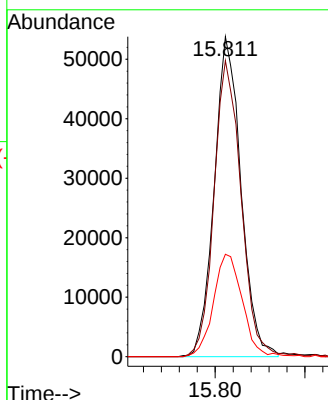
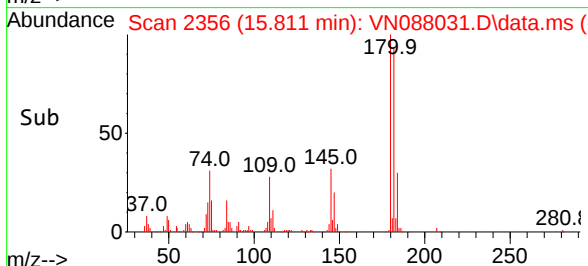
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



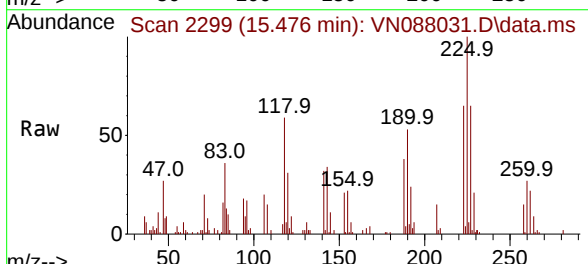
Tgt Ion:180 Resp: 11130
Ion Ratio Lower Upper
180 100
182 93.3 74.6 112.0
145 34.0 27.2 40.8

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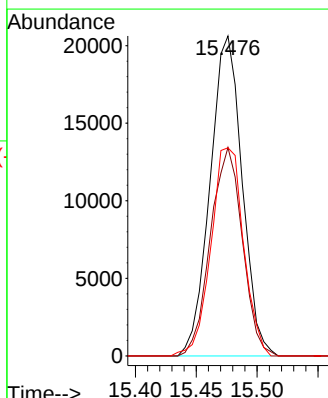
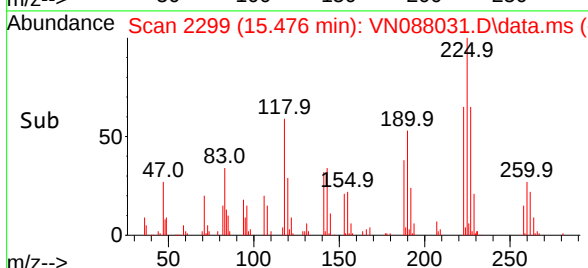
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

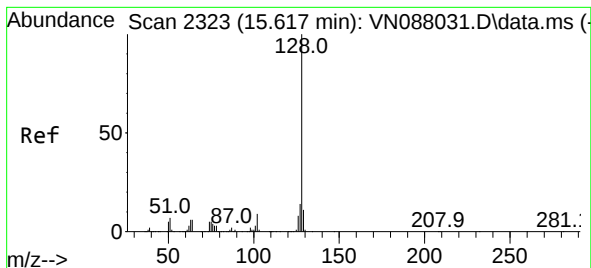


#90
Hexachlorobutadiene
Concen: 19.553 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08



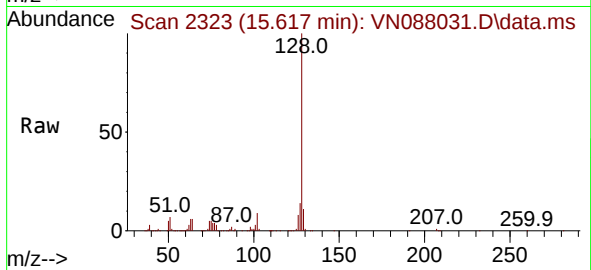
Tgt Ion:225 Resp: 37802
Ion Ratio Lower Upper
225 100
223 64.8 0.0 129.6
227 66.1 0.0 132.2





#91
Naphthalene
Concen: 19.910 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08

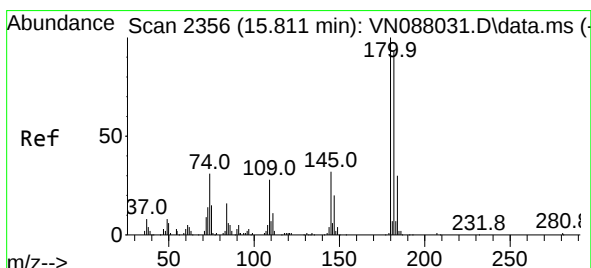
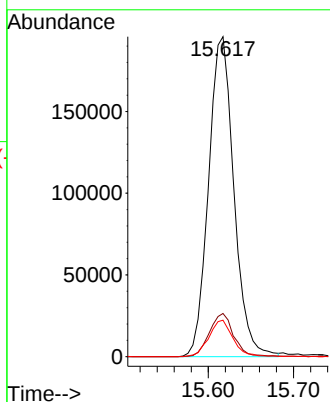
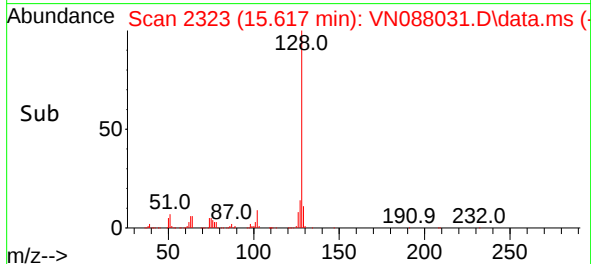
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



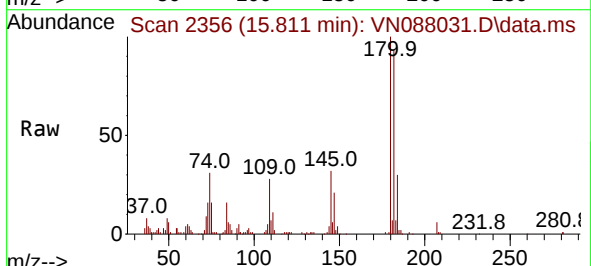
Tgt Ion:128 Resp: 404900
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0

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: 20.037 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088031.D
Acq: 08 Oct 2025 10:08



Tgt Ion:180 Resp: 111303
Ion Ratio Lower Upper
180 100
182 93.3 0.0 186.6
145 34.0 0.0 68.0

