

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088034.D
 Acq On : 08 Oct 2025 11:12
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 09 02:04:52 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.800	128	70768	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	396399	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	360347	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	164118	29.782	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.267%		
60) 4-Bromofluorobenzene	12.829	95	176216	29.663	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.867%		
63) Toluene-d8	10.547	98	480539	29.931	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.767%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	614191	151.526	ug/l	95
3) Chloromethane	2.383	50	688323	149.783	ug/l	98
4) Vinyl Chloride	2.536	62	700818	146.257	ug/l	100
5) Bromomethane	2.954	94	390993	151.745	ug/l	96
6) Chloroethane	3.124	64	447592	141.605	ug/l	95
7) Trichlorofluoromethane	3.506	101	939283	144.151	ug/l	100
8) Diethyl Ether	3.959	74	416480	141.459	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	499641	143.242	ug/l	97
10) 1,1-Dichloroethene	4.330	96	529290	142.248	ug/l	98
11) Methyl Iodide	4.577	142	649112	189.280	ug/l	96
12) Methyl Acetate	5.018	43	874170	148.543	ug/l	90
13) Acrolein	4.171	56	722228	771.539	ug/l #	6
14) Acrylonitrile	5.706	53	2111000	723.151	ug/l	100
15) Acetone	4.424	58	565771	659.761	ug/l	92
16) Carbon Disulfide	4.700	76	1690921	144.966	ug/l	100
17) Allyl chloride	5.006	41	1008388	143.620	ug/l	98
18) Methylene Chloride	5.259	84	670686	141.817	ug/l	97
19) trans-1,2-Dichloroethene	5.771	96	628517	146.099	ug/l	89
20) Diisopropyl ether	6.659	45	2377730	148.749	ug/l	97
21) 1,1-Dichloroethane	6.547	63	1214899	145.997	ug/l	96
22) cis-1,2-Dichloroethene	7.471	96	768626	142.727	ug/l	98
23) tert-Butyl Alcohol	5.536	59	789077	673.981	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	2330339	145.094	ug/l	99
25) Chloroform	7.947	83	1228670	143.082	ug/l	97
26) Cyclohexane	8.241	56	1000427	145.104	ug/l #	96
29) 1,1-Dichloropropene	8.353	75	836265	147.179	ug/l	97
30) 2-Butanone	7.471	43	2998106	715.429	ug/l	98
31) 2,2-Dichloropropane	7.471	77	1019106	139.013	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	1018706	143.482	ug/l	99
33) Carbon Tetrachloride	8.341	117	869642	146.233	ug/l	97
34) Benzene	8.588	78	2743909	145.591	ug/l	98
35) Methacrylonitrile	7.765	41	627210	142.327	ug/l	97
36) 1,2-Dichloroethane	8.653	62	954996	145.960	ug/l	99
37) Trichloroethene	9.335	130	642810	143.961	ug/l	100
38) Methylcyclohexane	9.582	83	1002978	142.937	ug/l	98
39) 1,2-Dichloropropane	9.600	63	688269	145.644	ug/l	99
40) Dibromomethane	9.688	93	497967	144.763	ug/l	98
41) Bromodichloromethane	9.871	83	1015193	144.501	ug/l	98
42) Vinyl Acetate	6.589	43	11007914	771.067	ug/l	97

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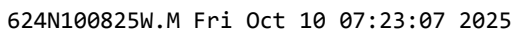
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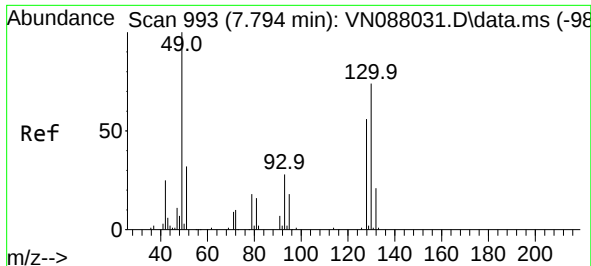
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	1168944	145.110	ug/l	94
44) Isopropyl Acetate	8.677	43	1946213	147.920	ug/l	98
45) 1,4-Dioxane	9.682	88	230506	2634.144	ug/l	98
46) Methyl methacrylate	9.665	41	878594	151.633	ug/l	98
47) n-amyl Acetate	12.482	43	1141223	197.401	ug/l #	64
48) t-1,3-Dichloropropene	10.818	75	1169571	149.712	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	1203477	147.684	ug/l	96
50) 1,1,2-Trichloroethane	10.994	97	657933	144.430	ug/l	97
51) Ethyl methacrylate	10.853	69	1210974	157.077	ug/l	99
52) 1,3-Dichloropropane	11.141	76	1159064	145.836	ug/l	100
53) Dibromochloromethane	11.341	129	802448	147.348	ug/l	100
54) 1,2-Dibromoethane	11.447	107	713476	146.499	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	3115151	748.593	ug/l	99
56) Bromoform	12.559	173	556224	151.071	ug/l	99
58) 4-Methyl-2-Pentanone	10.424	43	5819803	722.051	ug/l	99
59) 2-Hexanone	11.177	43	4169658	783.538	ug/l	100
61) Tetrachloroethene	11.082	164	517435	141.798	ug/l	94
62) Toluene	10.612	91	2951946	144.419	ug/l	99
64) Chlorobenzene	11.871	112	1890882	144.832	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	643792	143.089	ug/l	98
66) Ethyl Benzene	11.941	91	3229064	145.284	ug/l	98
67) m/p-Xylenes	12.047	106	2496336	291.347	ug/l	99
68) o-Xylene	12.376	106	1219294	142.948	ug/l	95
69) Styrene	12.388	104	2093655	148.383	ug/l	99
70) Isopropylbenzene	12.671	105	3025763	144.736	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	1009711	142.462	ug/l	99
72) 1,2,3-Trichloropropane	12.971	75	944811m	137.329	ug/l	
73) Bromobenzene	12.959	156	732655	143.390	ug/l	95
74) n-propylbenzene	13.012	91	3681361	145.874	ug/l	99
75) 2-Chlorotoluene	13.106	91	2247982	145.681	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	2531712	142.568	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	417387	163.941	ug/l	90
78) 4-Chlorotoluene	13.200	91	2320550	148.022	ug/l	98
79) tert-butylbenzene	13.418	119	2189957	142.259	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	2534010	142.543	ug/l	98
81) sec-Butylbenzene	13.594	105	3085212	142.543	ug/l	99
82) p-Isopropyltoluene	13.706	119	2589136	140.112	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	1360760	141.545	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	1422602	143.484	ug/l	99
85) n-Butylbenzene	14.035	91	2454577	142.775	ug/l	99
86) Hexachloroethane	14.312	117	525061	141.838	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	1340645	141.778	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	233320	143.337	ug/l	96
89) 1,2,4-Trichlorobenzene	15.812	180	829215	147.221	ug/l	99
90) Hexachlorobutadiene	15.476	225	273878	139.711	ug/l	96
91) Naphthalene	15.612	128	3044921	147.662	ug/l	100
92) 1,2,3-Trichlorobenzene	15.812	180	829215	147.221	ug/l	99

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

Manual Integrations

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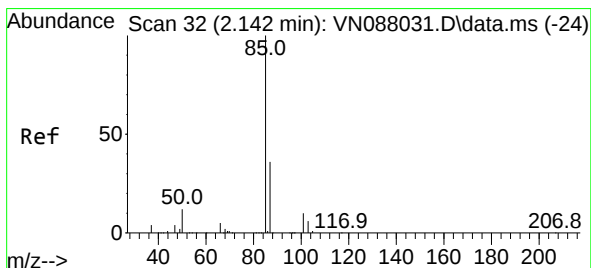
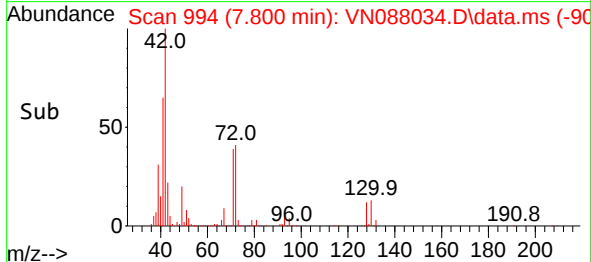
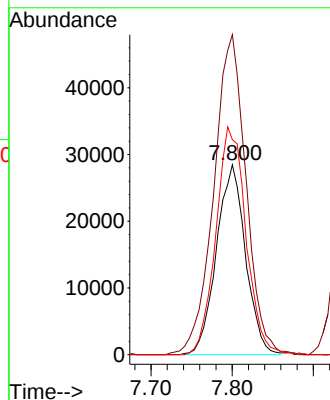
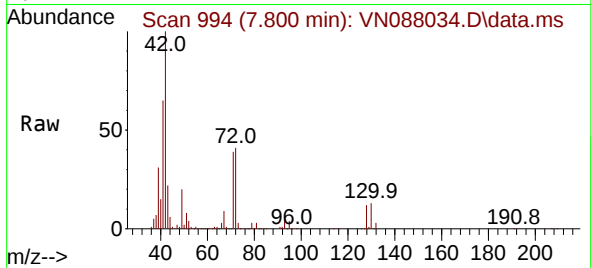
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC150

Tgt Ion: 128 Resp: 70768
Ion Ratio Lower Upper
128 100
49 186.8 0.0 439.8
130 124.4 0.0 325.8

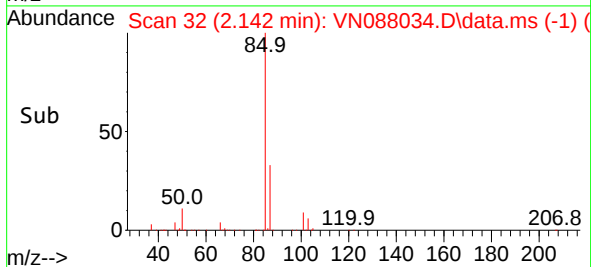
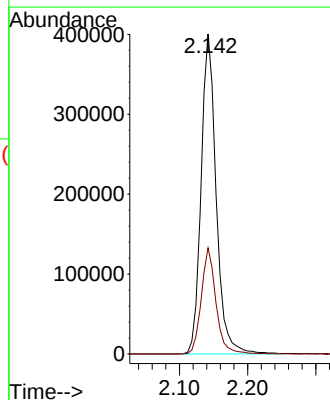
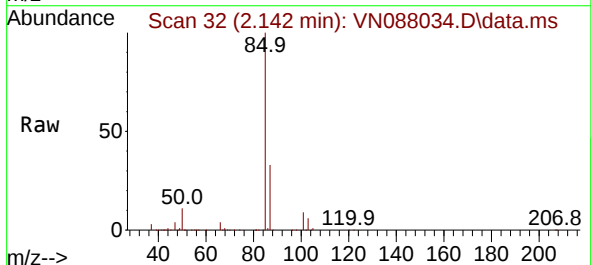
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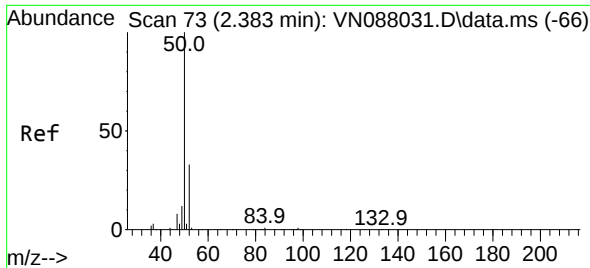
Reviewed By : John Carlone 10/09/2025
Supervised By : Mahesh Dadoda 10/10/2025



#2
Dichlorodifluoromethane
Concen: 151.526 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

Tgt Ion: 85 Resp: 614191
Ion Ratio Lower Upper
85 100
87 33.2 17.9 53.8





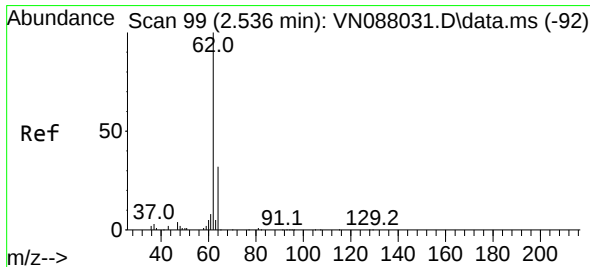
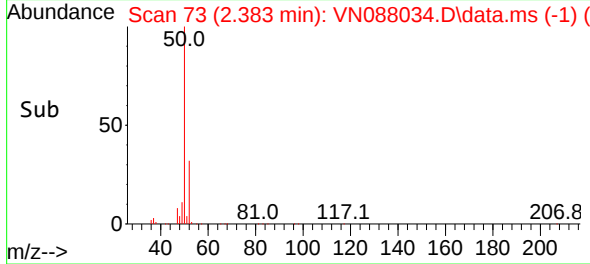
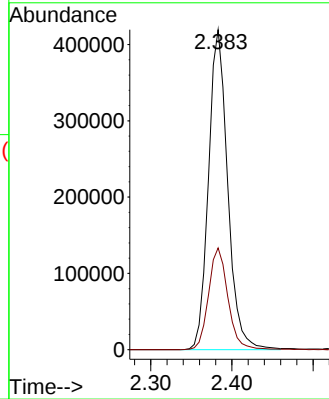
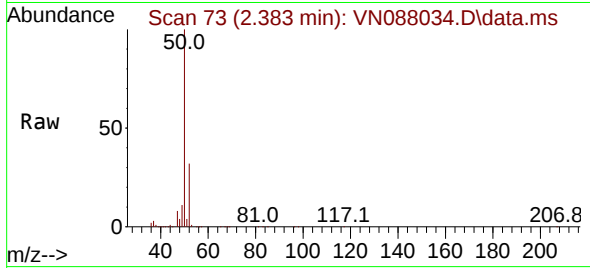
#3
Chloromethane
Concen: 149.783 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 68832
Ion Ratio Lower Upper
50 100
52 31.8 26.3 39.5

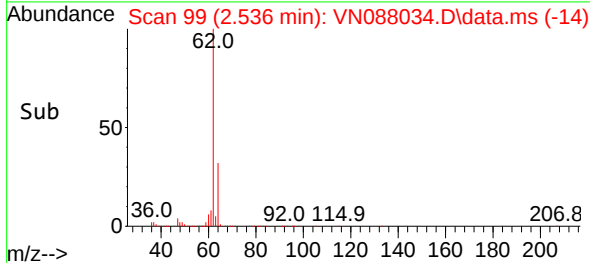
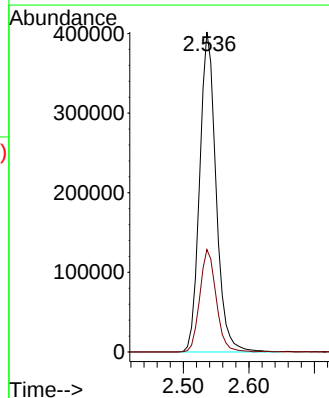
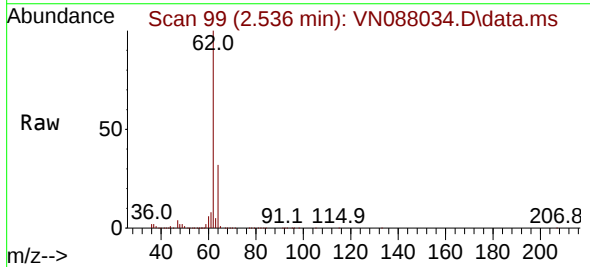
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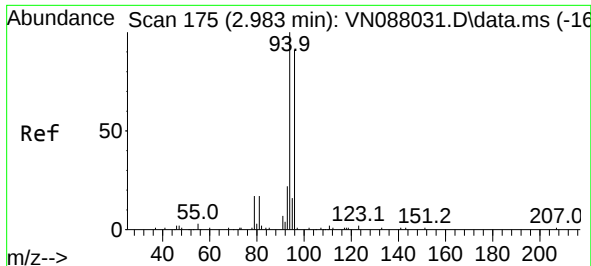
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#4
Vinyl Chloride
Concen: 146.257 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

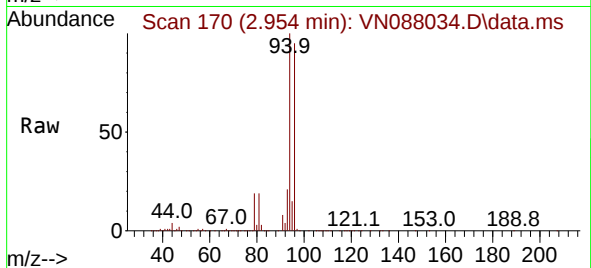
Tgt Ion: 62 Resp: 700818
Ion Ratio Lower Upper
62 100
64 32.0 25.7 38.5





#5
Bromomethane
Concen: 151.745 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

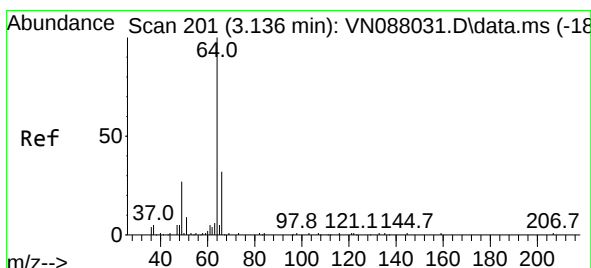
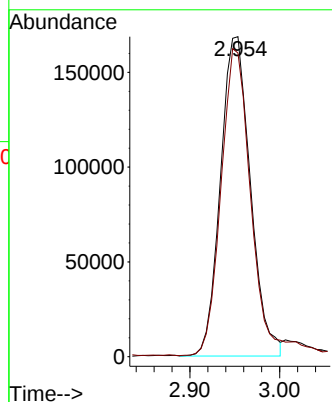
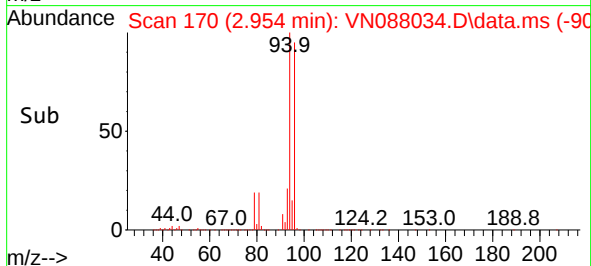
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 39099
Ion Ratio Lower Upper
94 100
96 94.7 73.0 109.4

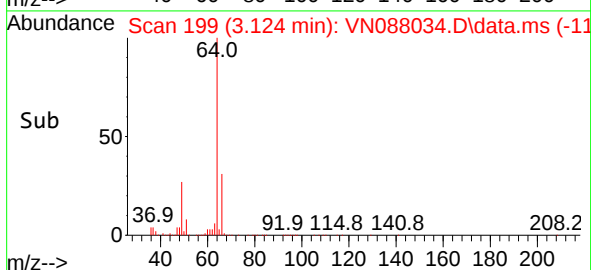
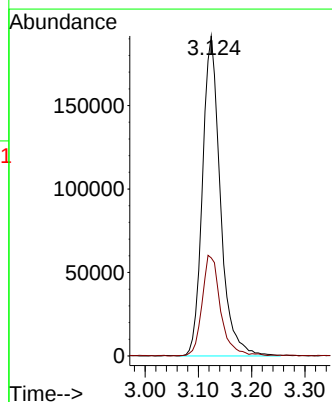
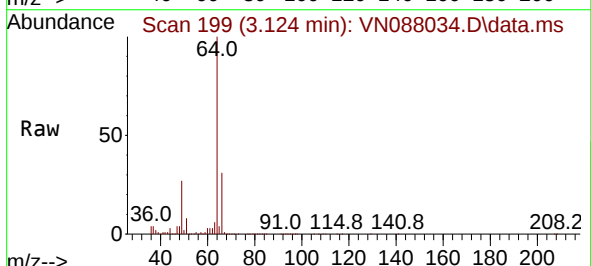
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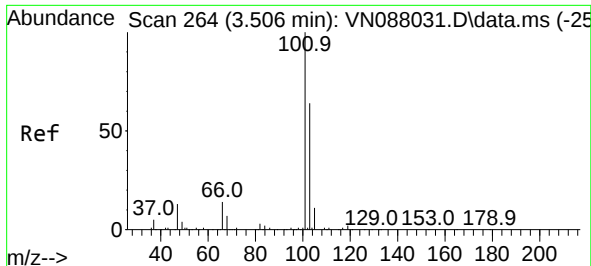
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#6
Chloroethane
Concen: 141.605 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.012 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

Tgt Ion: 64 Resp: 447592
Ion Ratio Lower Upper
64 100
66 30.5 26.8 40.2





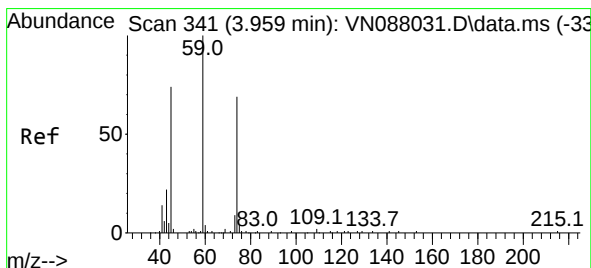
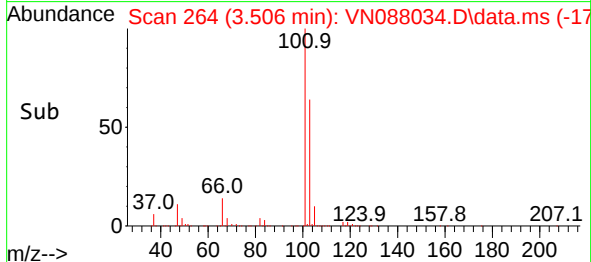
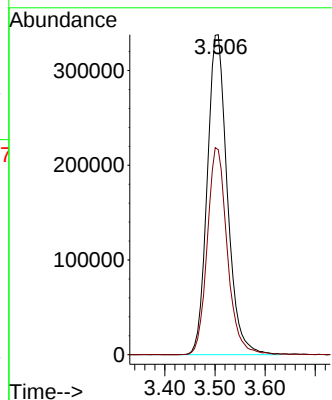
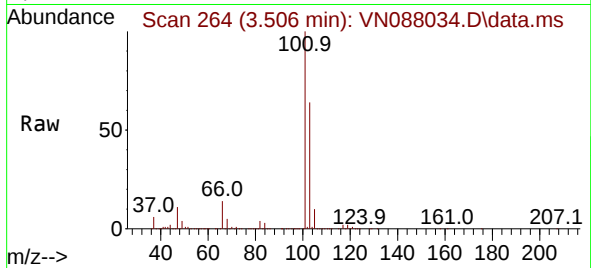
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 Trichlorofluoromethane
 Concen: 144.151 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.000 min
 Lab File: VN088034.D
 Acq: 08 Oct 2025 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:101 Resp: 93928
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.0 76.4

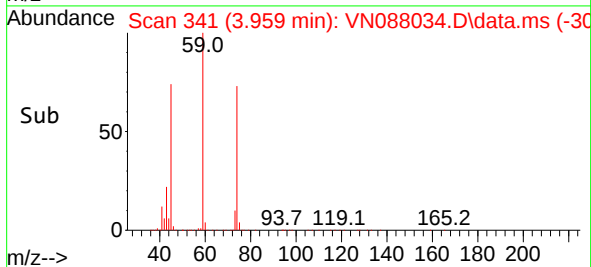
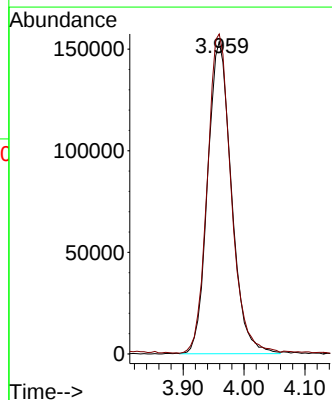
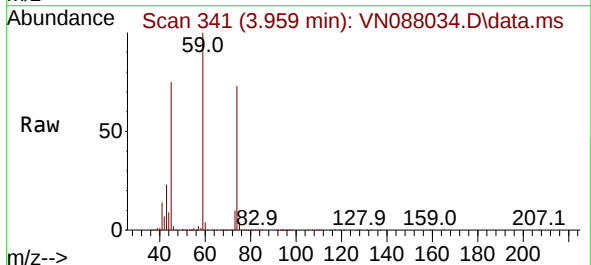
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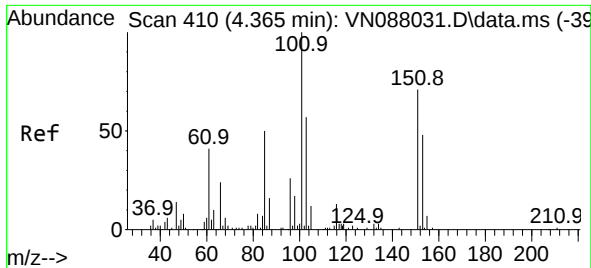
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#8
 Diethyl Ether
 Concen: 141.459 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN088034.D
 Acq: 08 Oct 2025 11:12

Tgt Ion: 74 Resp: 416480
 Ion Ratio Lower Upper
 74 100
 45 102.6 20.4 183.8





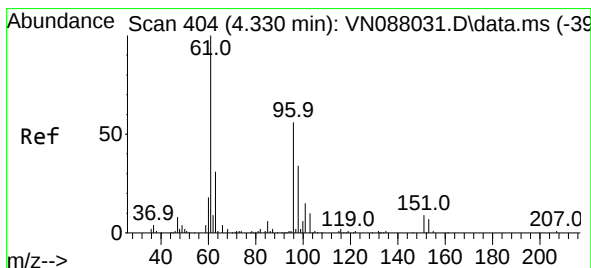
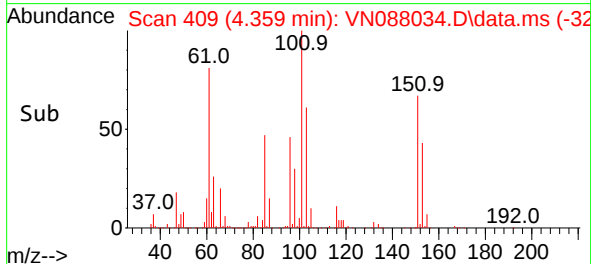
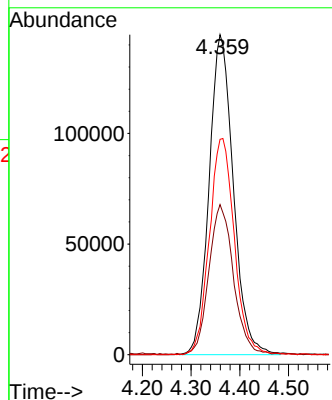
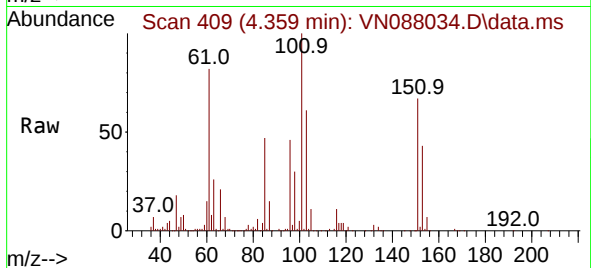
#9
1,1,2-Trichlorotrifluoroethane
Concen: 143.242 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 49964
Ion Ratio Lower Upper
101 100
85 47.5 0.0 103.2
151 69.5 0.0 141.4

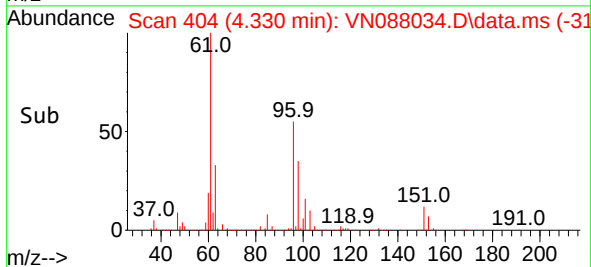
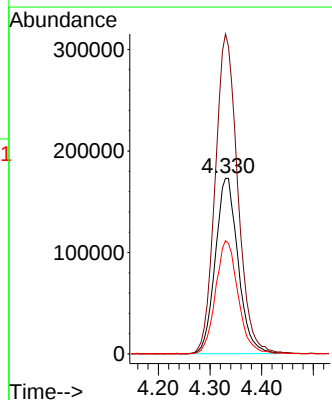
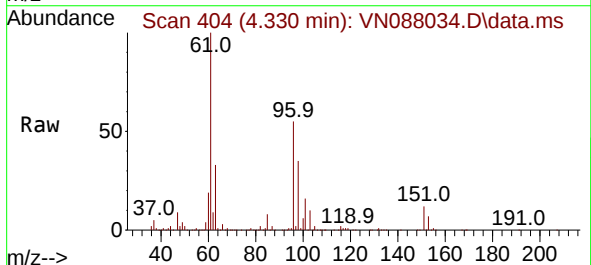
Manual Integrations
APPROVED

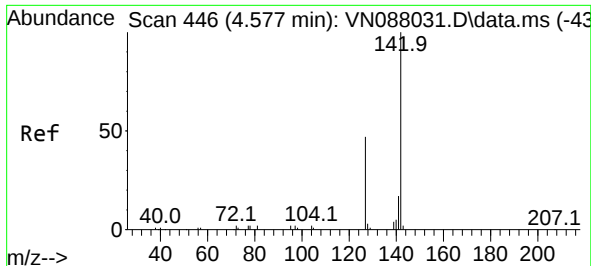
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#10
1,1-Dichloroethene
Concen: 142.248 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

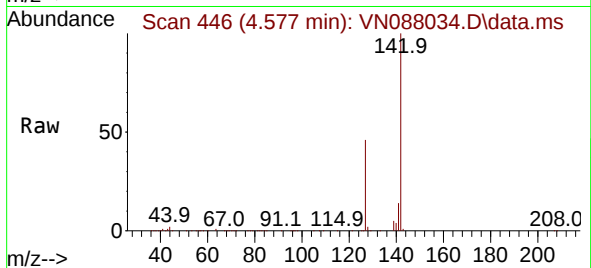
Tgt Ion: 96 Resp: 529290
Ion Ratio Lower Upper
96 100
61 182.4 144.1 216.1
98 64.4 49.0 73.6





#11
Methyl Iodide
Concen: 189.280 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

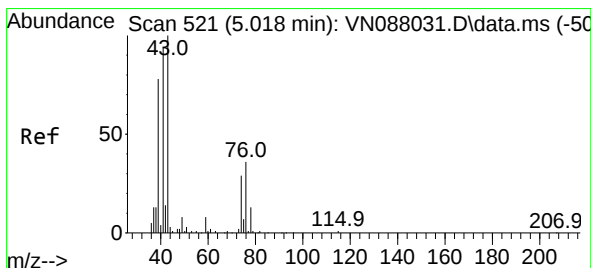
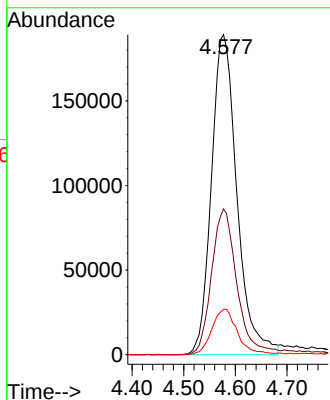
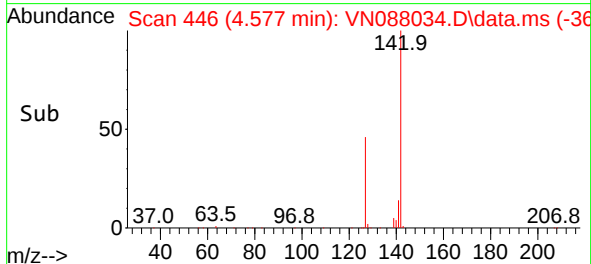
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:142 Resp: 64911
Ion Ratio Lower Upper
142 100
127 45.5 23.4 70.3
141 14.1 8.8 26.2

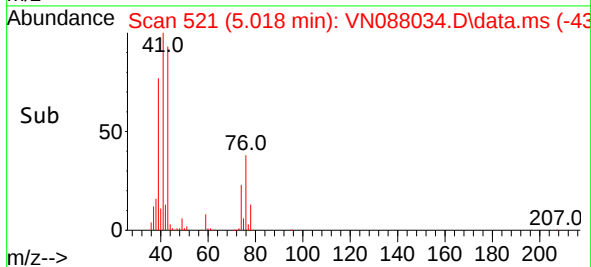
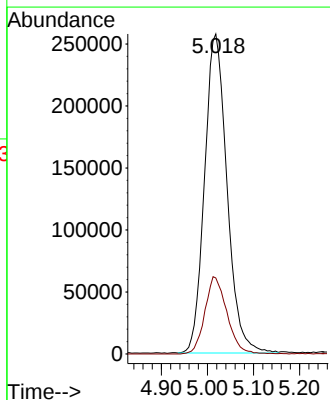
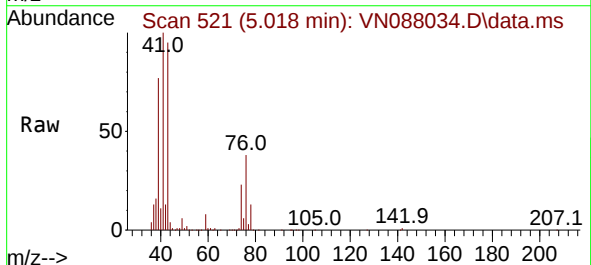
Manual Integrations
APPROVED

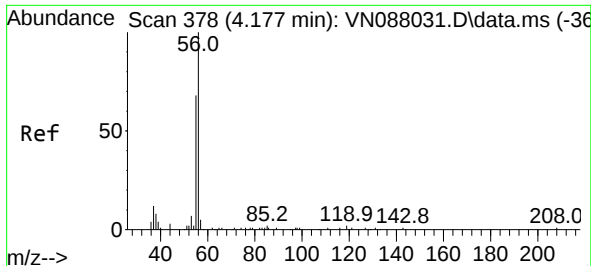
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#12
Methyl Acetate
Concen: 148.543 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

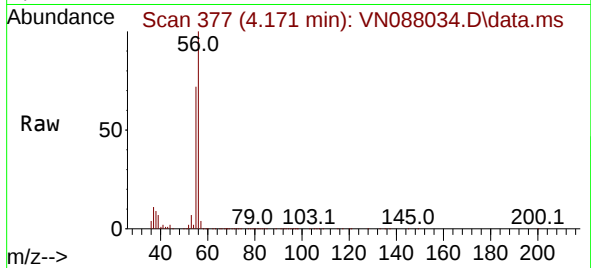
Tgt Ion: 43 Resp: 874170
Ion Ratio Lower Upper
43 100
74 23.8 23.3 34.9





#13
Acrolein
Concen: 771.539 ug/l
RT: 4.171 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

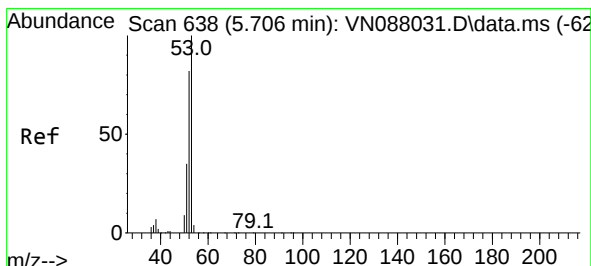
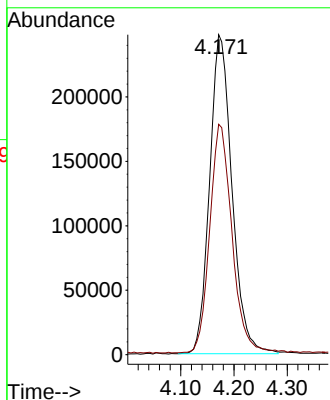
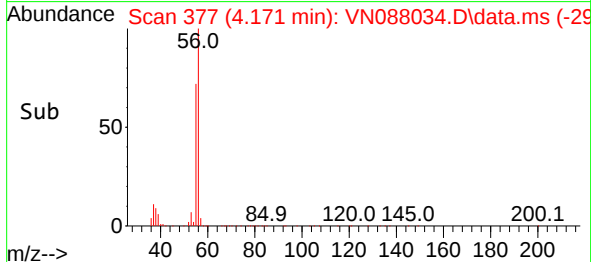
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 722228
Ion Ratio Lower Upper
56 100
55 71.0 0.3 0.5

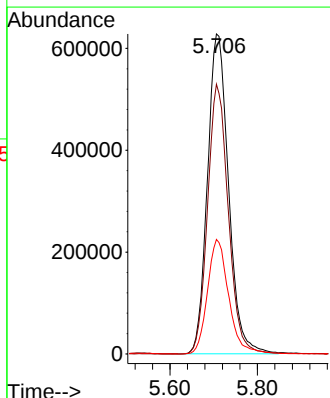
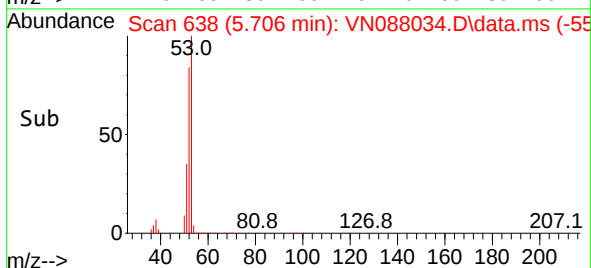
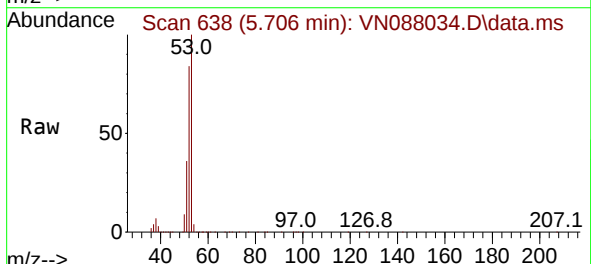
Manual Integrations
APPROVED

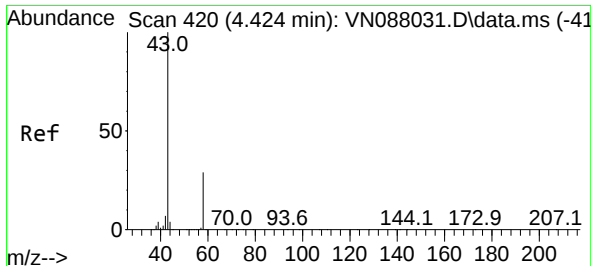
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#14
Acrylonitrile
Concen: 723.151 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

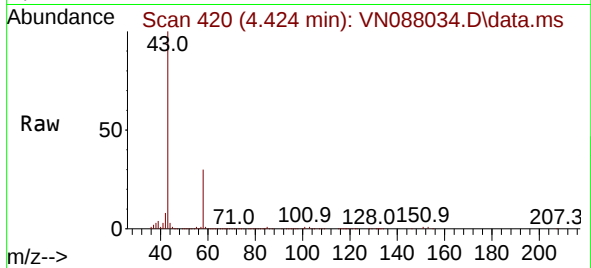
Tgt Ion: 53 Resp: 2111000
Ion Ratio Lower Upper
53 100
52 82.8 41.3 124.1
51 36.0 18.0 54.0





#15
Acetone
Concen: 659.761 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

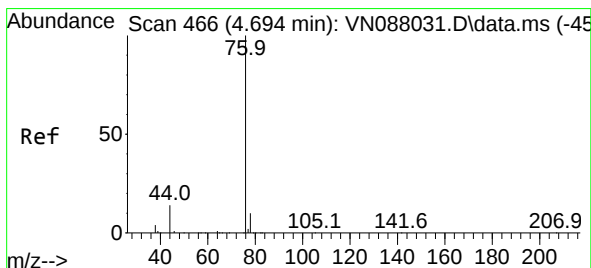
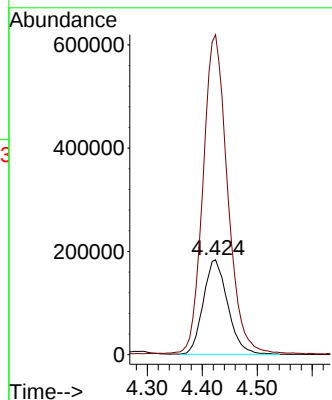
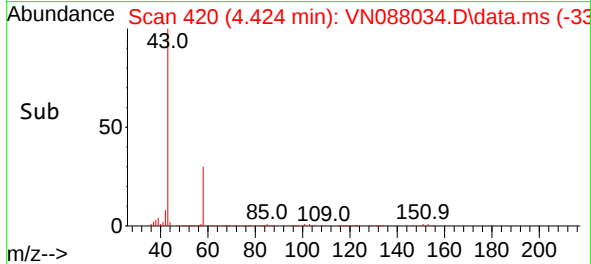
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



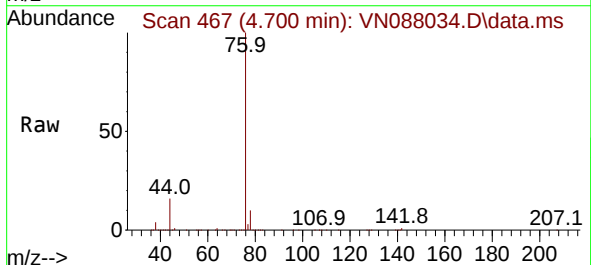
Tgt Ion: 58 Resp: 56577
Ion Ratio Lower Upper
58 100
43 336.2 282.6 424.0

Manual Integrations
APPROVED

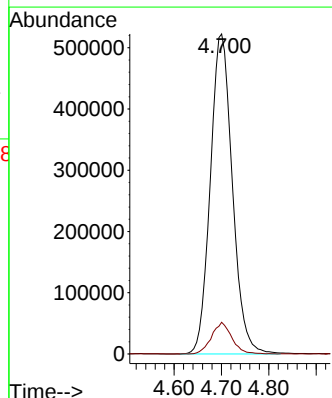
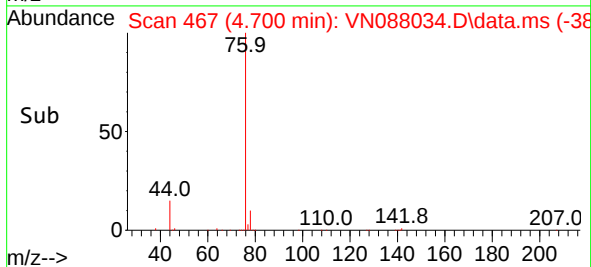
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

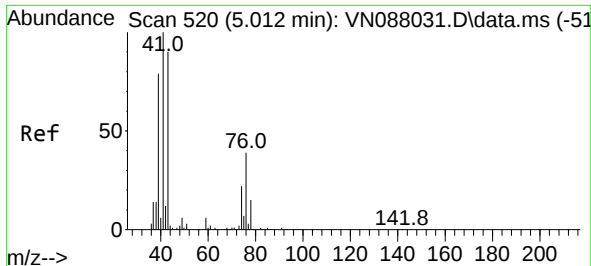


#16
Carbon Disulfide
Concen: 144.966 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12



Tgt Ion: 76 Resp: 1690921
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.8





#17
 Allyl chloride
 Concen: 143.620 ug/l
 RT: 5.006 min Scan# 519
 Delta R.T. -0.006 min
 Lab File: VN088034.D
 Acq: 08 Oct 2025 11:12

Instrument :

MSVOA_N

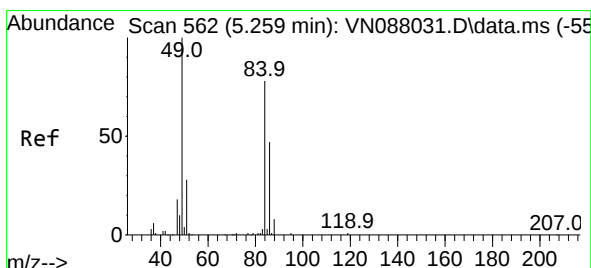
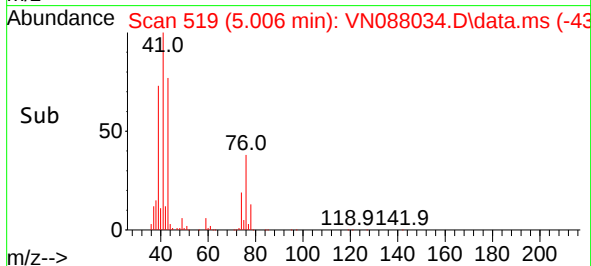
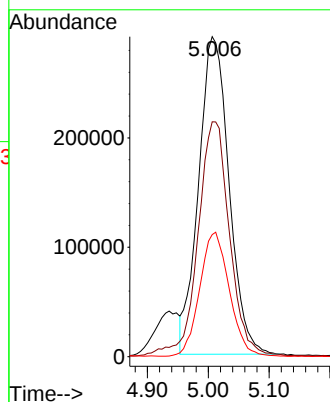
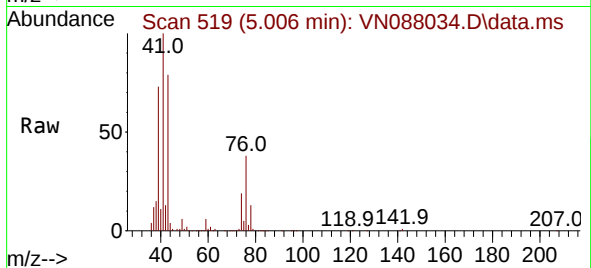
ClientSampleId :

VSTDICC150

Tgt Ion: 41 Resp: 100838
 Ion Ratio Lower Upper
 41 100
 39 73.3 36.4 109.2
 76 38.3 18.1 54.1

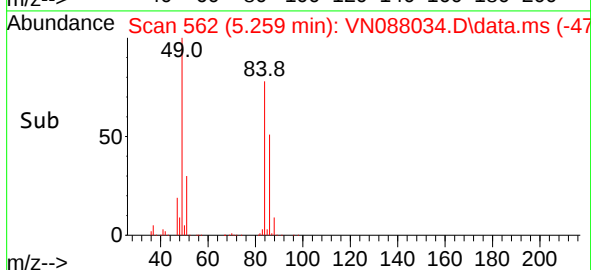
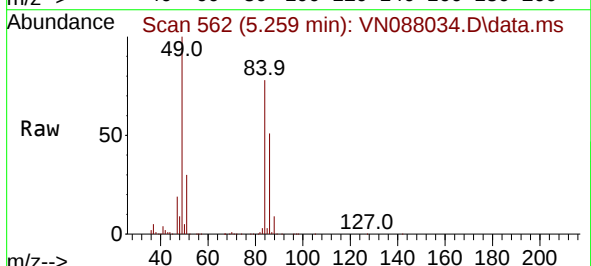
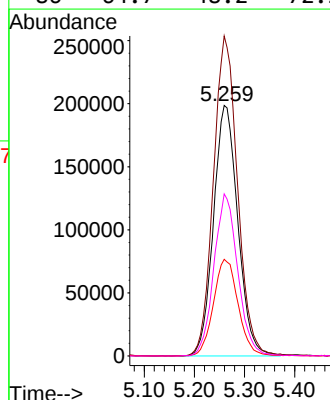
Manual Integrations
 APPROVED

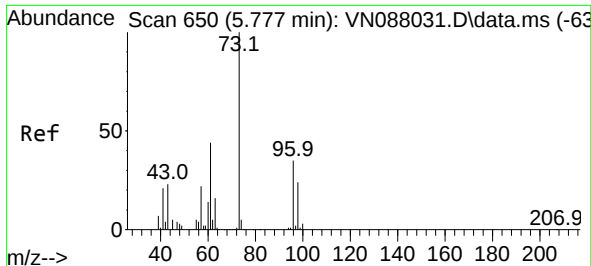
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#18
 Methylene Chloride
 Concen: 141.817 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: VN088034.D
 Acq: 08 Oct 2025 11:12

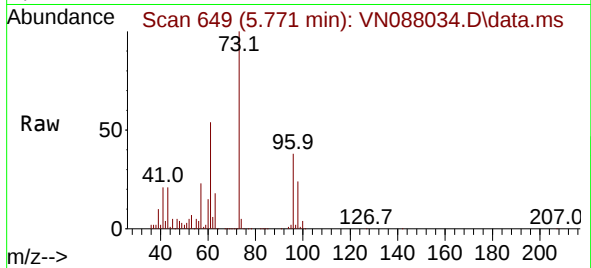
Tgt Ion: 84 Resp: 670686
 Ion Ratio Lower Upper
 84 100
 49 127.9 102.6 153.8
 51 38.5 28.6 42.8
 86 64.7 48.2 72.2





#19
trans-1,2-Dichloroethene
Concen: 146.099 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

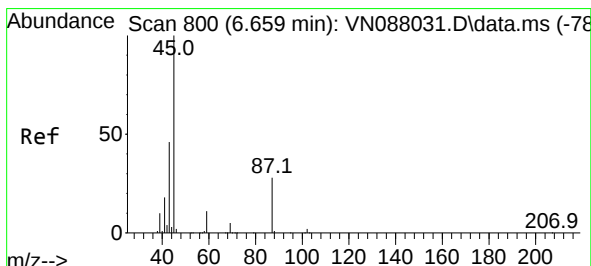
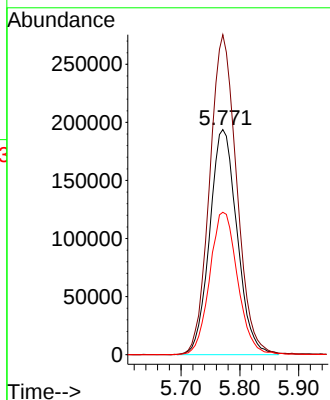
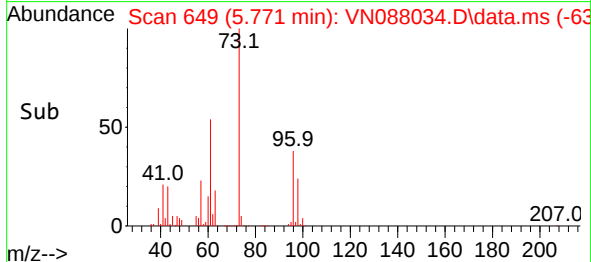
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 62851
Ion Ratio Lower Upper
96 100
61 142.0 100.6 151.0
98 63.1 54.0 81.0

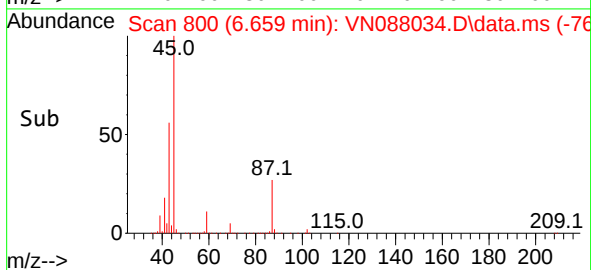
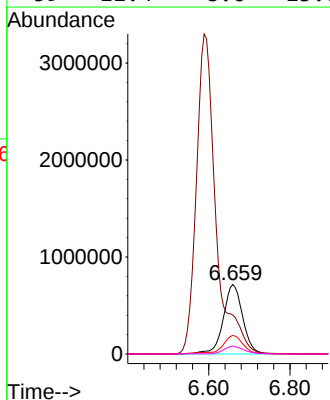
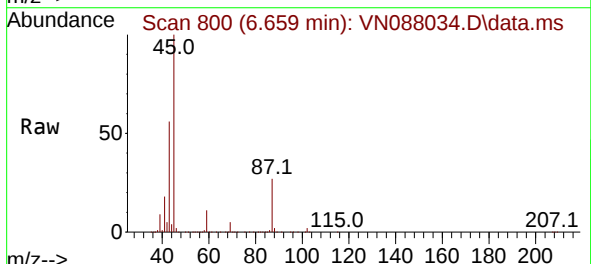
Manual Integrations
APPROVED

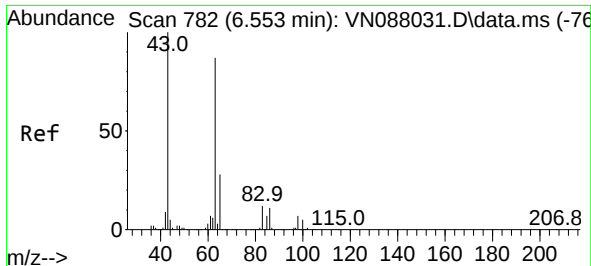
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#20
Diisopropyl ether
Concen: 148.749 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

Tgt Ion: 45 Resp: 2377730
Ion Ratio Lower Upper
45 100
43 55.2 46.1 69.1
87 26.7 22.3 33.5
59 11.4 8.6 13.0





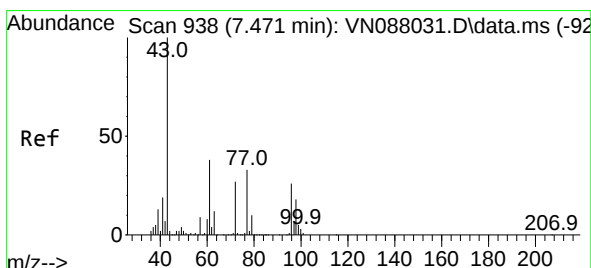
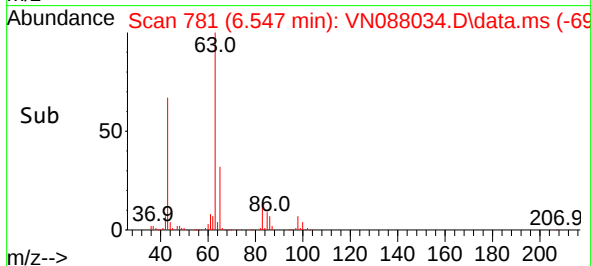
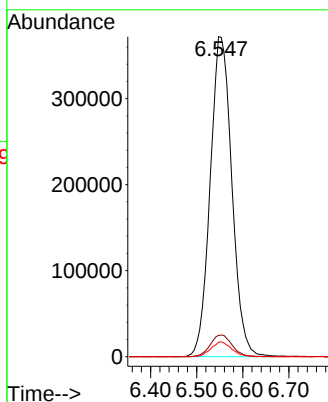
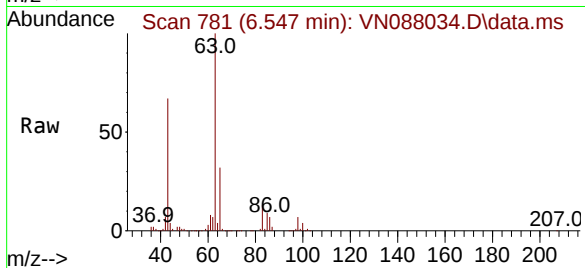
#21
1,1-Dichloroethane
Concen: 145.997 ug/l
RT: 6.547 min Scan# 781
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 121489
Ion Ratio Lower Upper
63 100
98 6.6 4.3 12.8
100 4.5 2.6 8.0

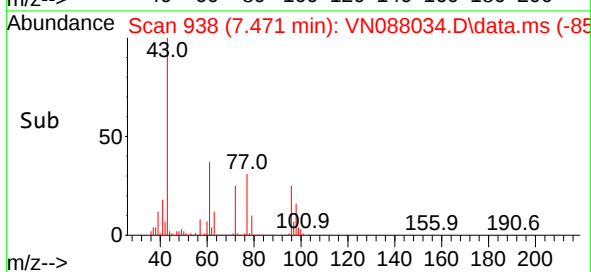
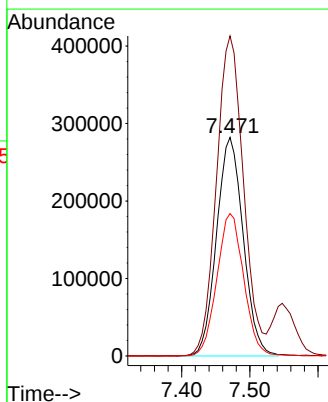
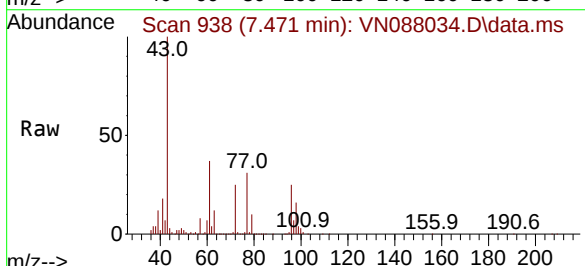
Manual Integrations
APPROVED

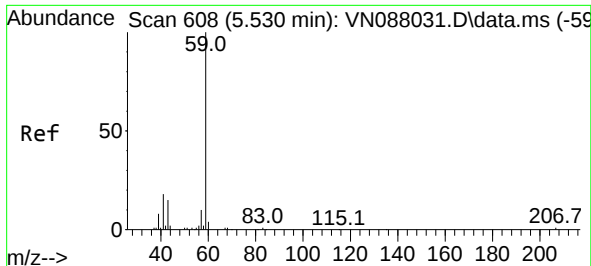
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#22
cis-1,2-Dichloroethene
Concen: 142.727 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

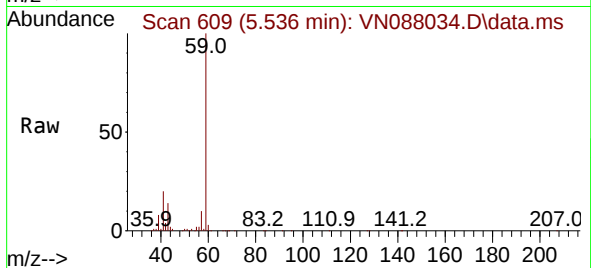
Tgt Ion: 96 Resp: 768626
Ion Ratio Lower Upper
96 100
61 148.8 117.0 175.6
98 65.5 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 673.981 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

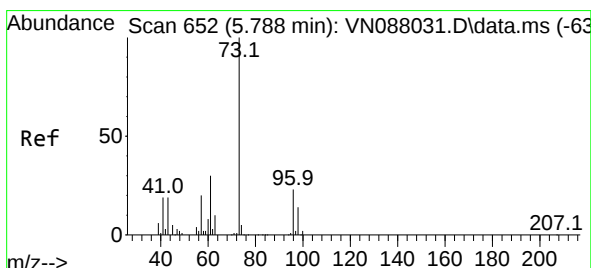
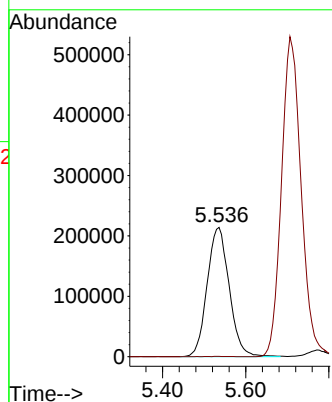
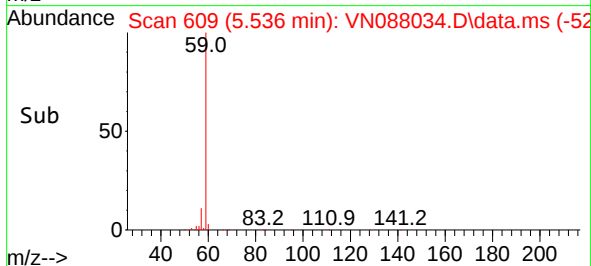
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 789072
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

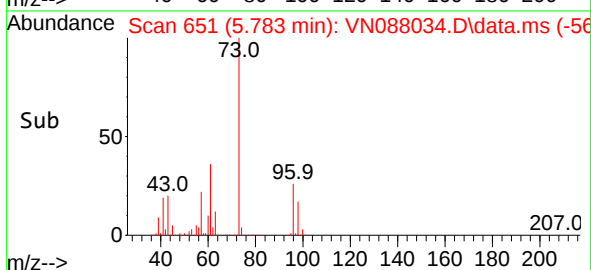
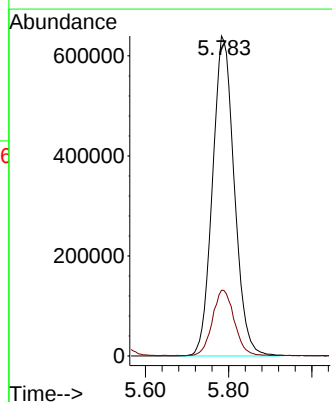
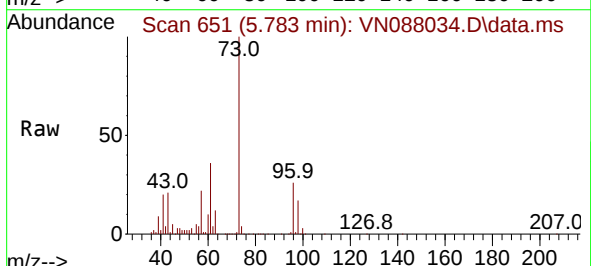
Manual Integrations
APPROVED

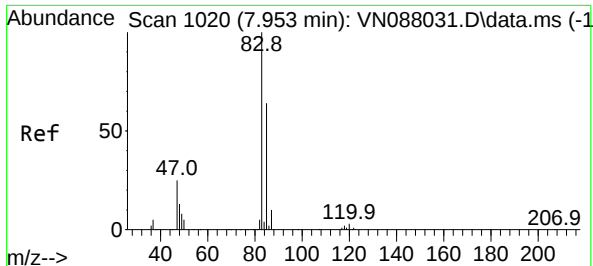
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#24
Methyl tert-Butyl Ether
Concen: 145.094 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

Tgt Ion: 73 Resp: 2330339
Ion Ratio Lower Upper
73 100
43 20.5 17.0 25.4





#25

Chloroform

Concen: 143.082 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN088034.D

Acq: 08 Oct 2025 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 1228670

Ion Ratio Lower Upper

83 100

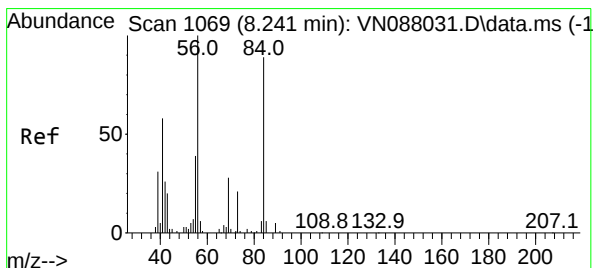
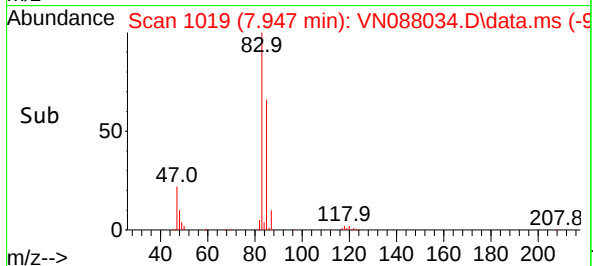
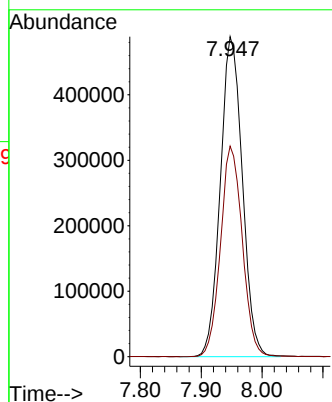
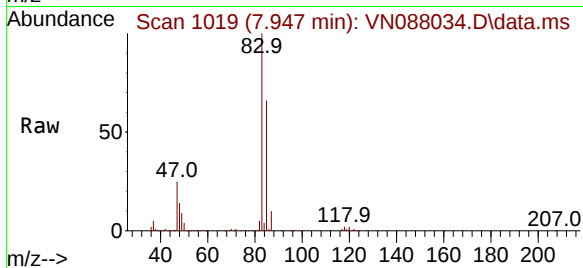
85 65.8 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#26

Cyclohexane

Concen: 145.104 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN088034.D

Acq: 08 Oct 2025 11:12

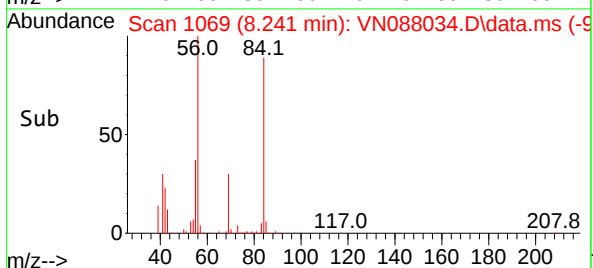
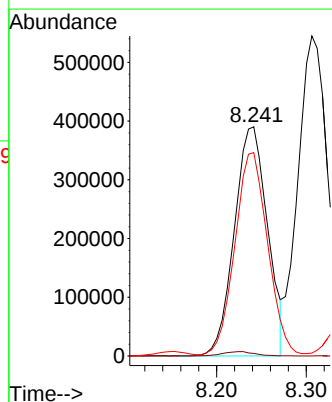
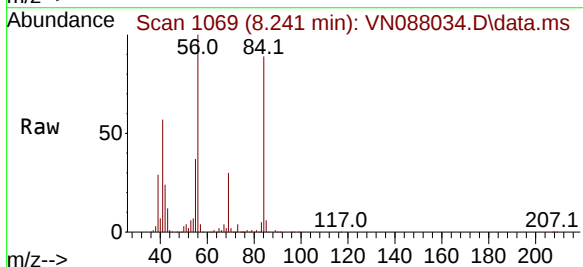
Tgt Ion: 56 Resp: 1000427

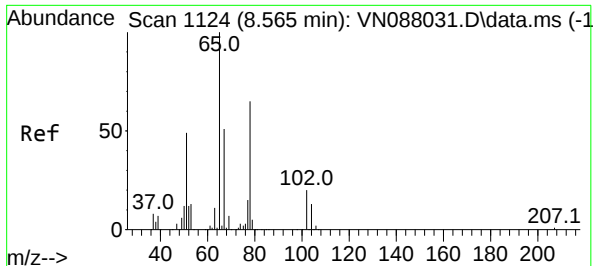
Ion Ratio Lower Upper

56 100

89 1.8 8.6 12.8#

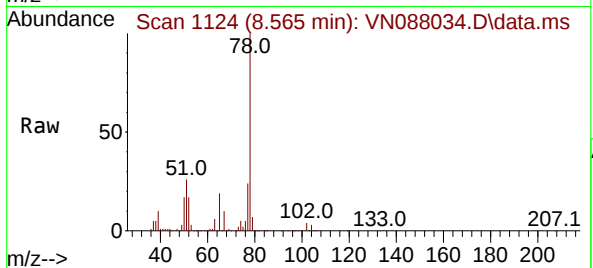
84 88.4 69.6 104.4





#27
1,2-Dichloroethane-d4
Concen: 29.782 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

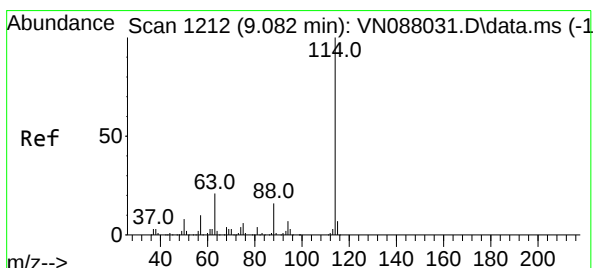
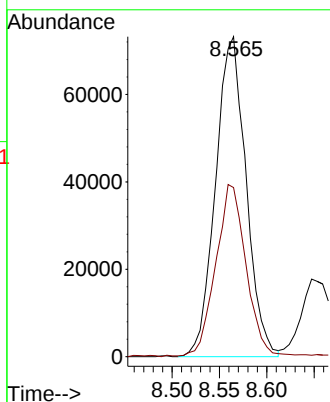
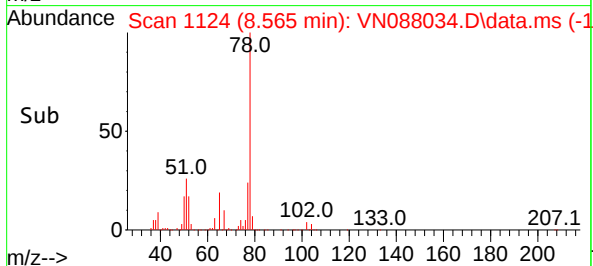
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 65 Resp: 164118
Ion Ratio Lower Upper
65 100
67 53.2 41.9 62.9

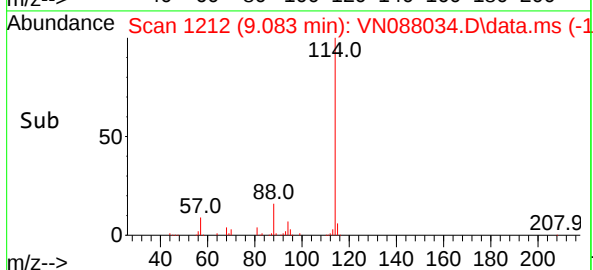
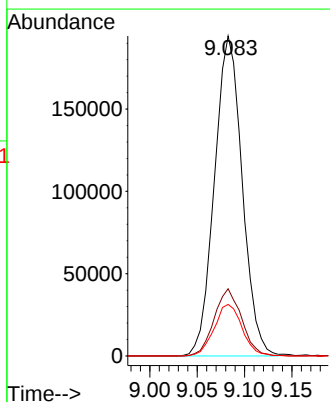
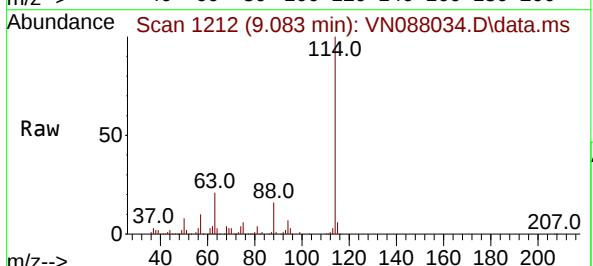
Manual Integrations
APPROVED

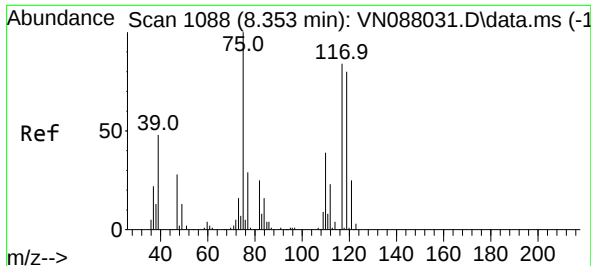
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

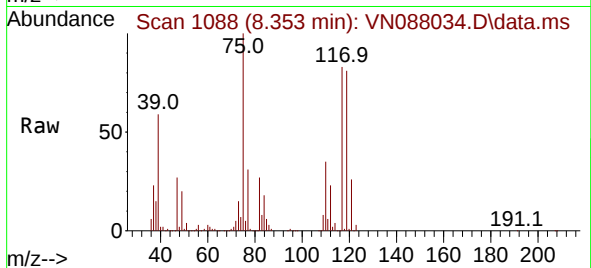
Tgt Ion:114 Resp: 396399
Ion Ratio Lower Upper
114 100
63 20.7 16.6 25.0
88 16.2 12.6 18.8





#29
1,1-Dichloropropene
Concen: 147.179 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

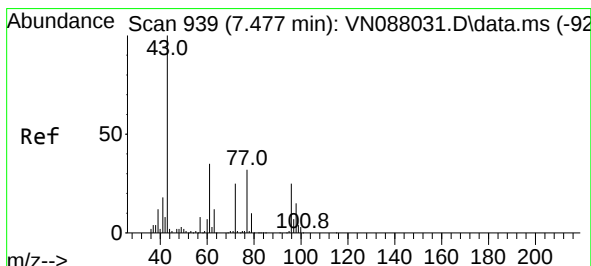
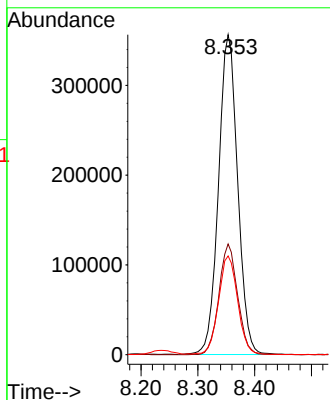
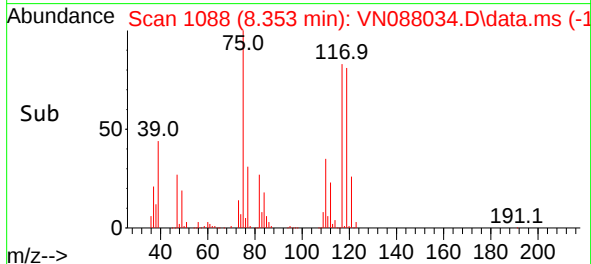
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 83626
Ion Ratio Lower Upper
75 100
110 33.7 0.0 72.2
77 30.7 0.0 60.6

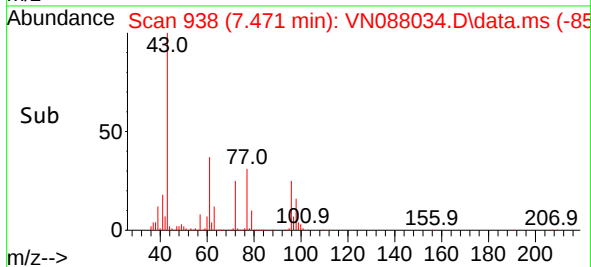
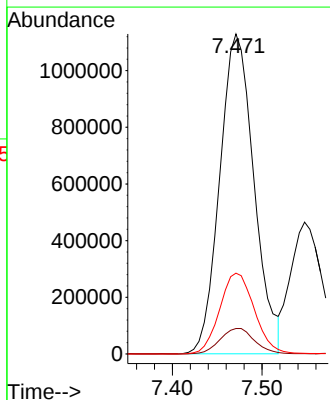
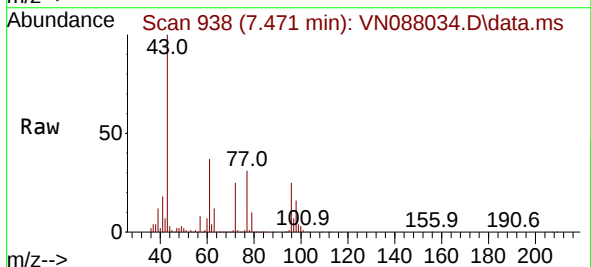
Manual Integrations
APPROVED

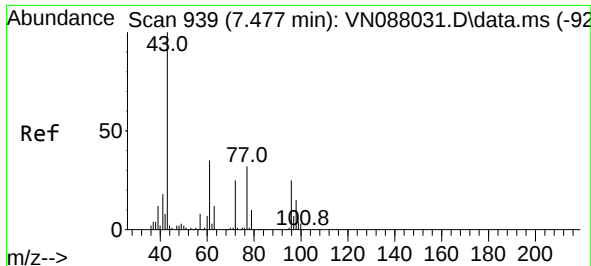
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#30
2-Butanone
Concen: 715.429 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

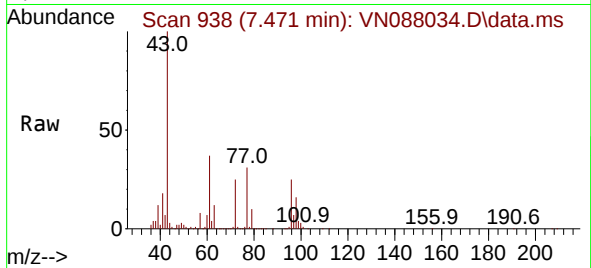
Tgt Ion: 43 Resp: 2998106
Ion Ratio Lower Upper
43 100
57 8.0 6.5 9.7
72 25.7 21.4 32.2





#31
2,2-Dichloropropane
Concen: 139.013 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

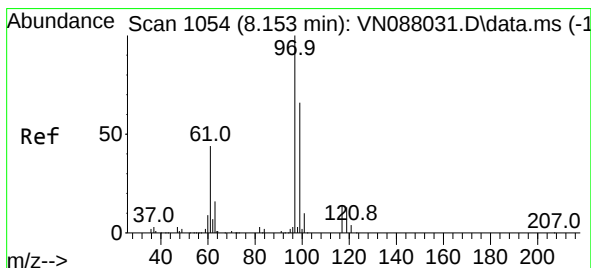
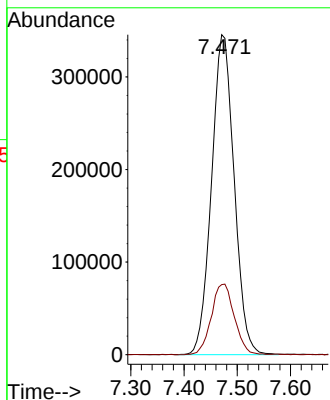
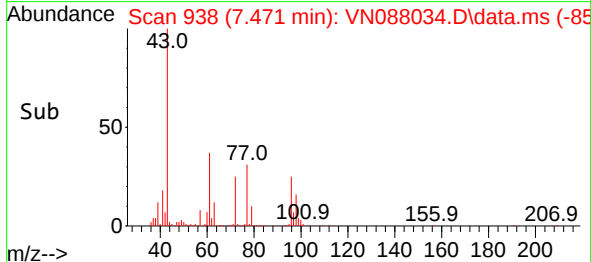
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 77 Resp: 101910
Ion Ratio Lower Upper
77 100
97 22.4 17.8 26.8

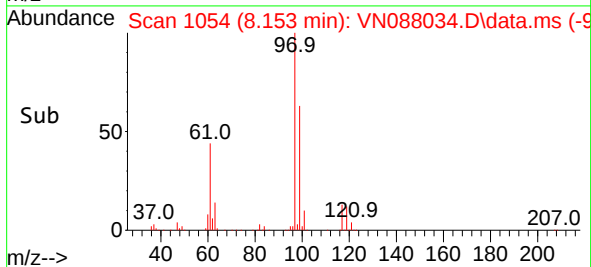
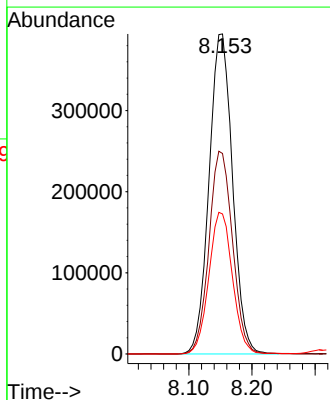
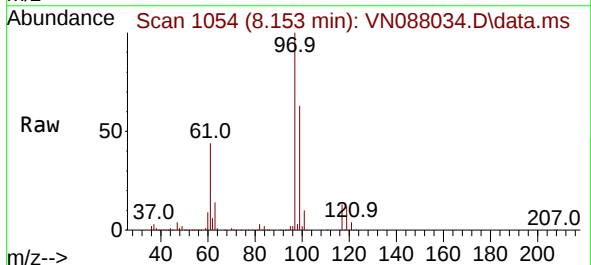
Manual Integrations
APPROVED

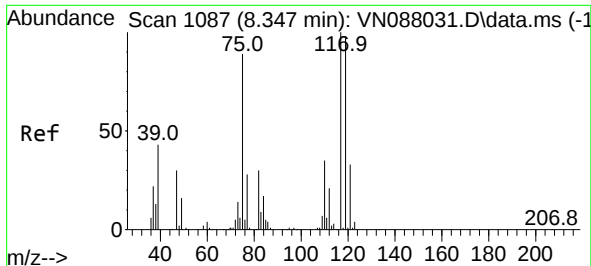
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#32
1,1,1-Trichloroethane
Concen: 143.482 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

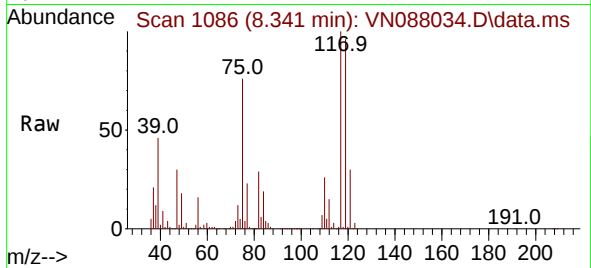
Tgt Ion: 97 Resp: 1018706
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.2
61 44.5 34.7 52.1





#33
Carbon Tetrachloride
Concen: 146.233 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

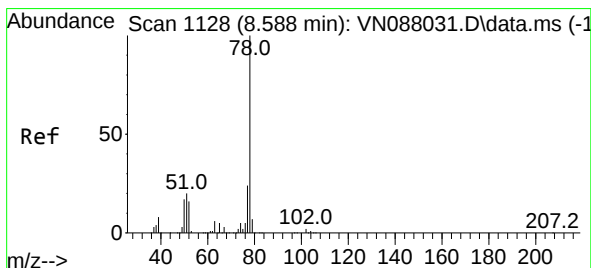
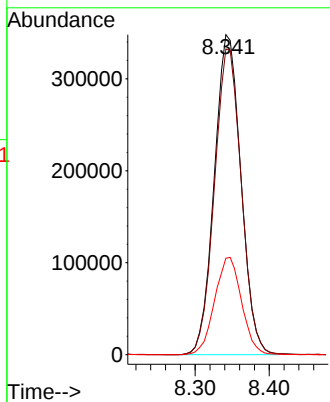
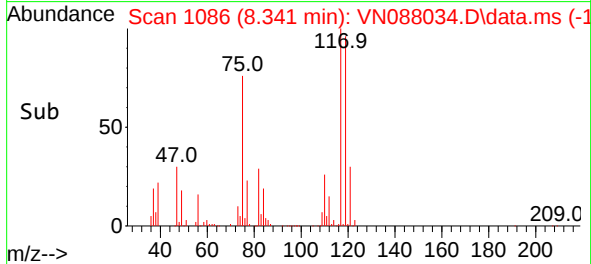
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 117 Resp: 86964
Ion Ratio Lower Upper
117 100
119 95.5 77.9 116.9
121 30.1 26.4 39.6

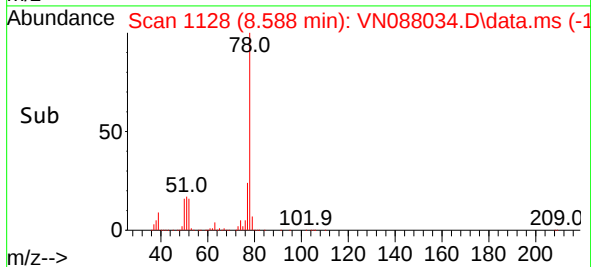
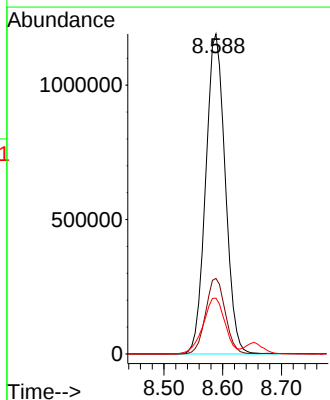
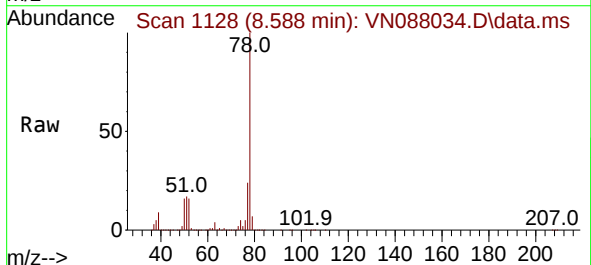
Manual Integrations
APPROVED

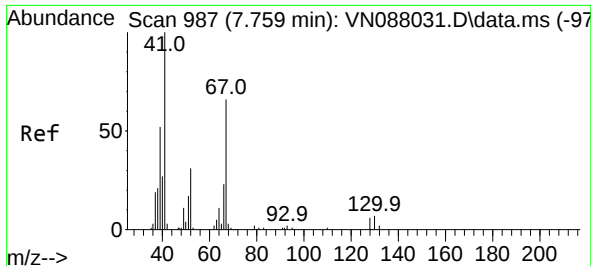
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#34
Benzene
Concen: 145.591 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

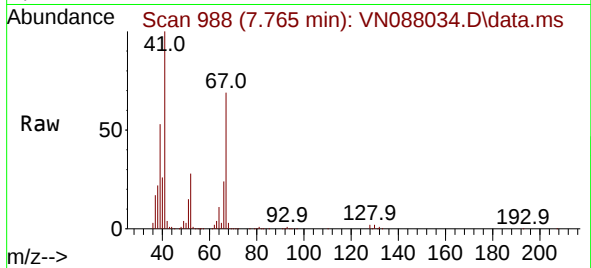
Tgt Ion: 78 Resp: 2743909
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3
51 17.3 15.6 23.4





#35
Methacrylonitrile
Concen: 142.327 ug/l
RT: 7.765 min Scan# 987
Delta R.T. 0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

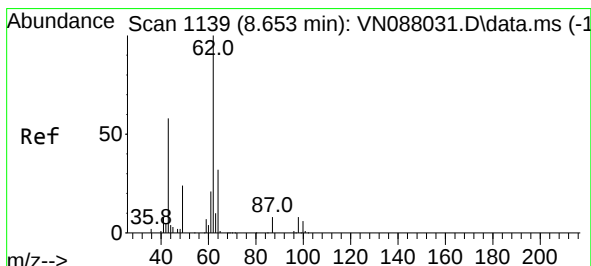
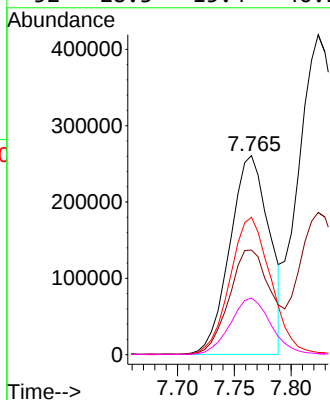
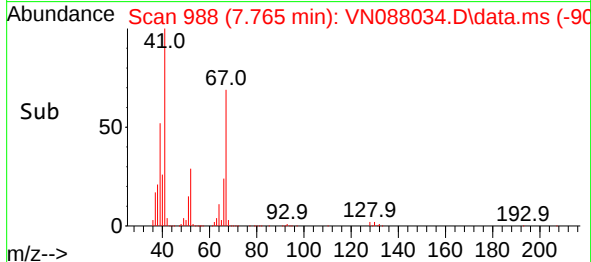
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 627210
Ion Ratio Lower Upper
41 100
39 52.4 26.1 78.3
67 69.0 33.1 99.2
52 28.3 15.4 46.1

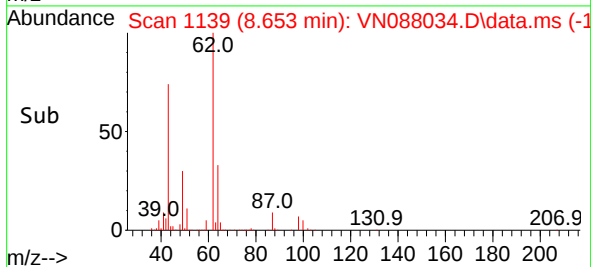
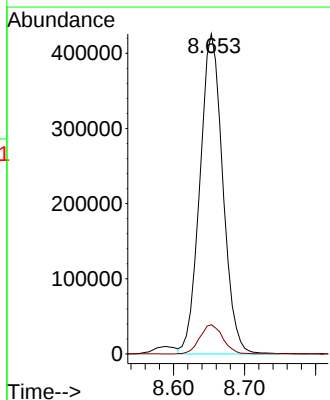
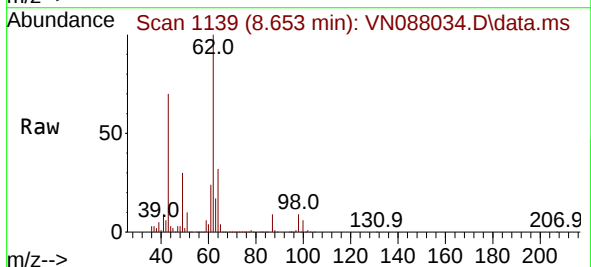
Manual Integrations
APPROVED

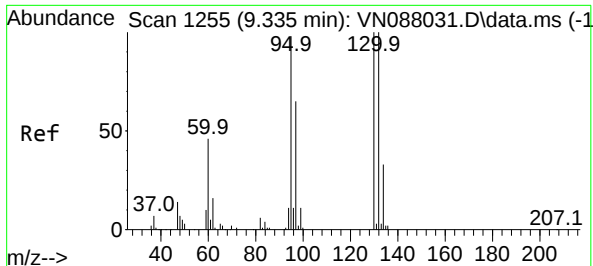
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#36
1,2-Dichloroethane
Concen: 145.960 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

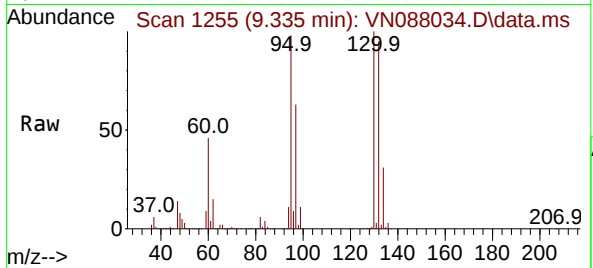
Tgt Ion: 62 Resp: 954996
Ion Ratio Lower Upper
62 100
98 9.2 7.8 11.6





#37
Trichloroethene
Concen: 143.961 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

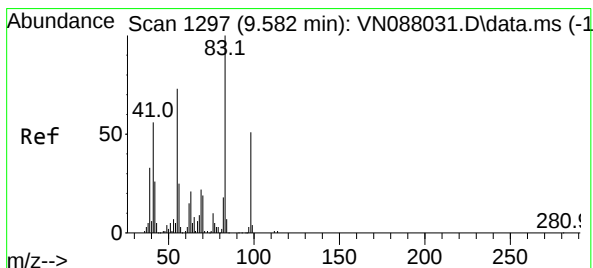
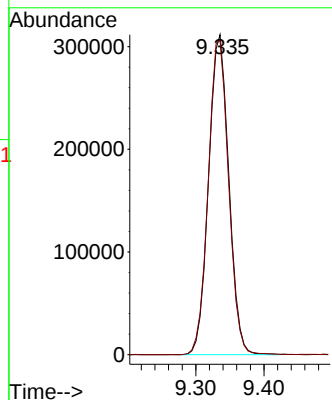
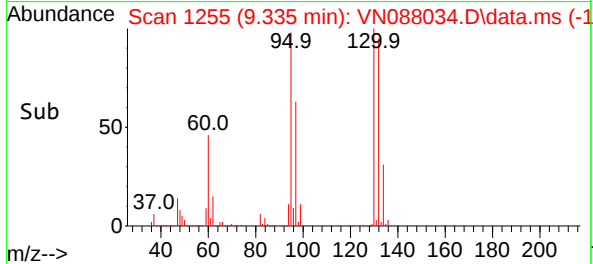
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



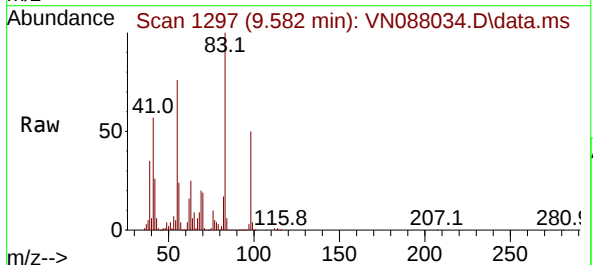
Tgt Ion:130 Resp: 642810
Ion Ratio Lower Upper
130 100
95 98.2 78.7 118.1

Manual Integrations
APPROVED

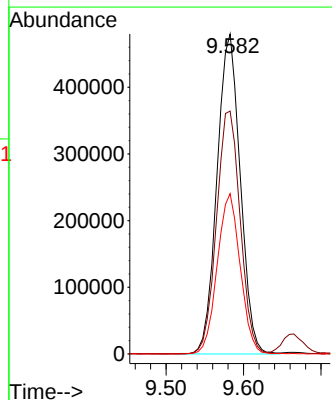
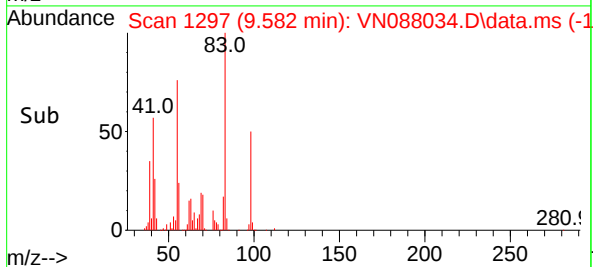
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

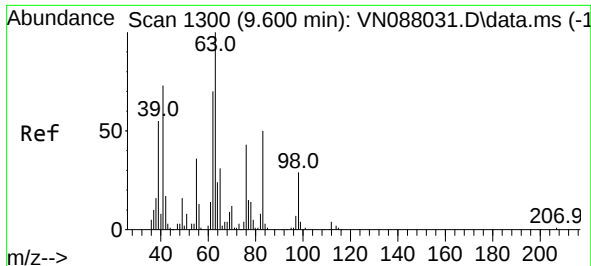


#38
Methylcyclohexane
Concen: 142.937 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12



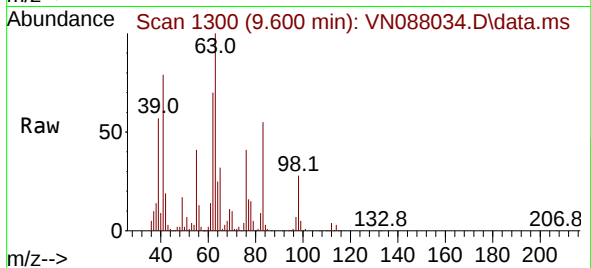
Tgt Ion: 83 Resp: 1002978
Ion Ratio Lower Upper
83 100
55 77.1 37.3 111.9
98 49.4 25.4 76.0





#39
1,2-Dichloropropane
Concen: 145.644 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

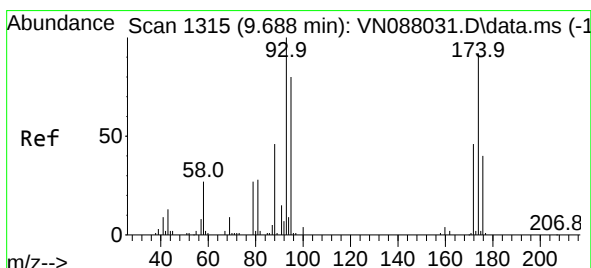
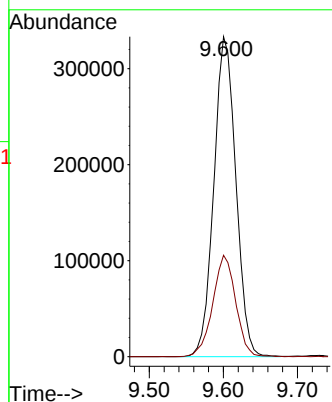
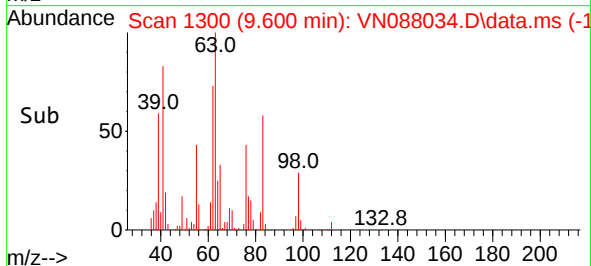
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



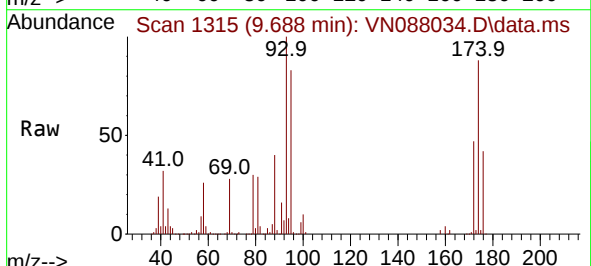
Tgt Ion: 63 Resp: 688269
Ion Ratio Lower Upper
63 100
65 31.7 25.0 37.6

Manual Integrations
APPROVED

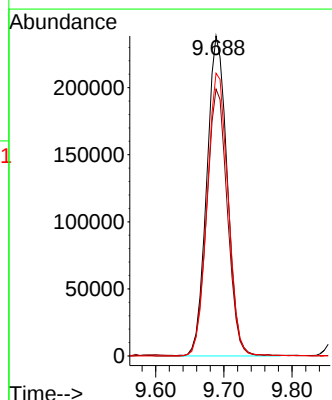
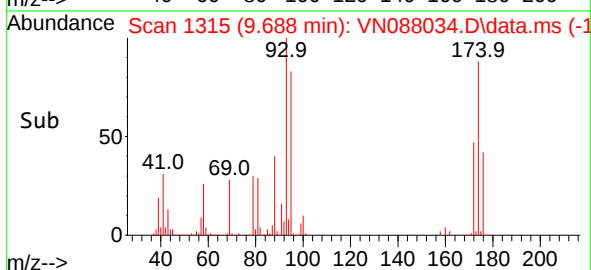
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

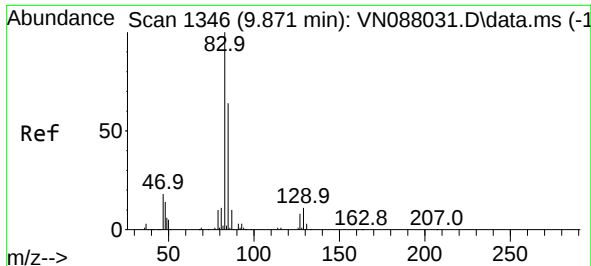


#40
Dibromomethane
Concen: 144.763 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12



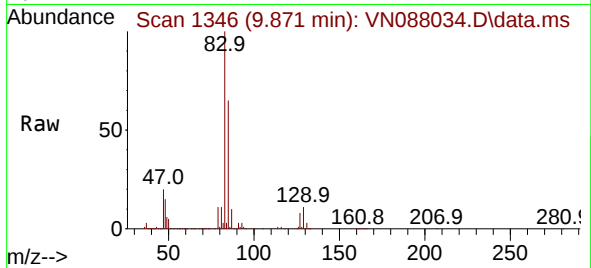
Tgt Ion: 93 Resp: 497967
Ion Ratio Lower Upper
93 100
95 83.8 0.0 158.6
174 90.4 0.0 180.8





#41
Bromodichloromethane
Concen: 144.501 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

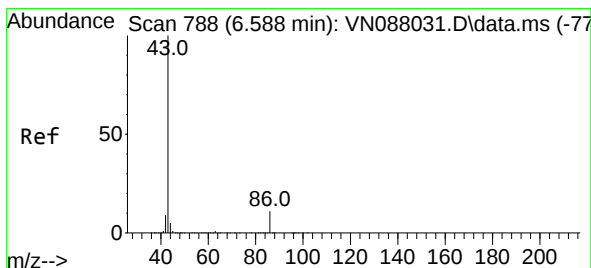
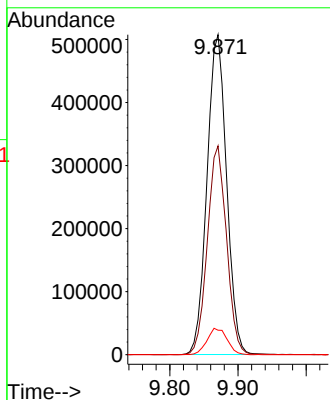
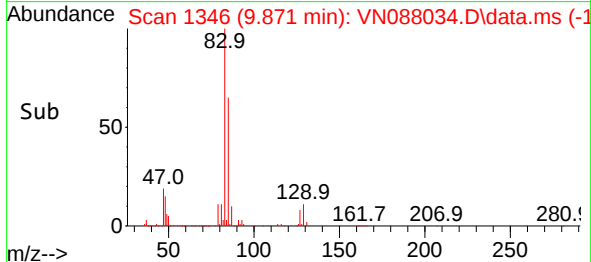
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 101519
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.4
127 7.7 6.1 9.1

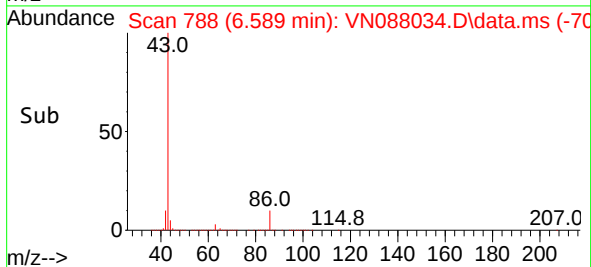
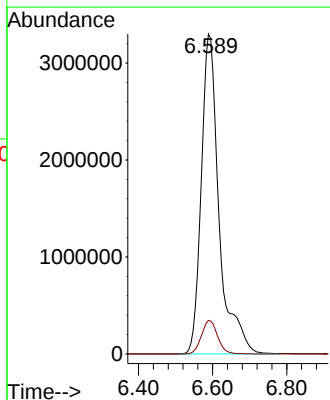
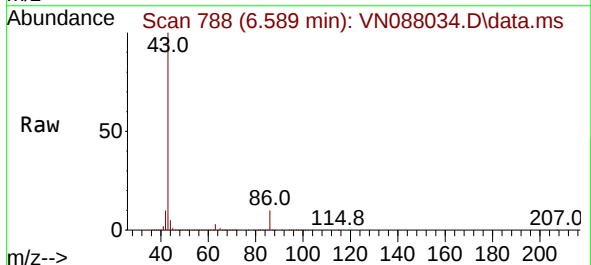
Manual Integrations
APPROVED

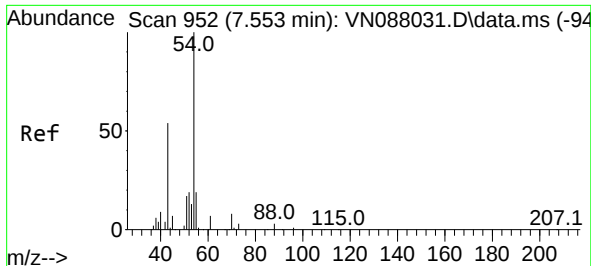
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#42
Vinyl Acetate
Concen: 771.067 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

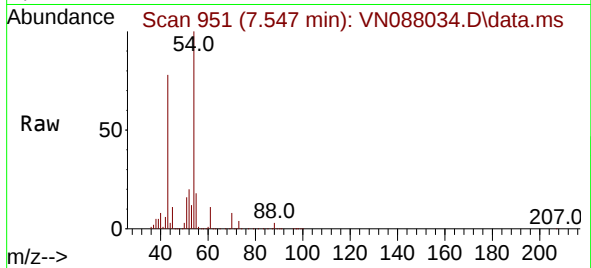
Tgt Ion: 43 Resp:11007914
Ion Ratio Lower Upper
43 100
86 9.5 8.4 12.6





#43
Ethyl Acetate
Concen: 145.110 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

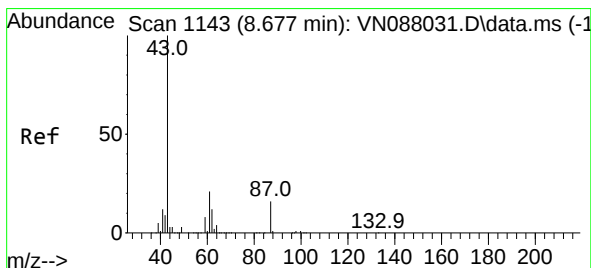
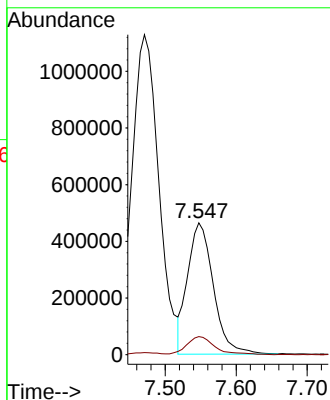
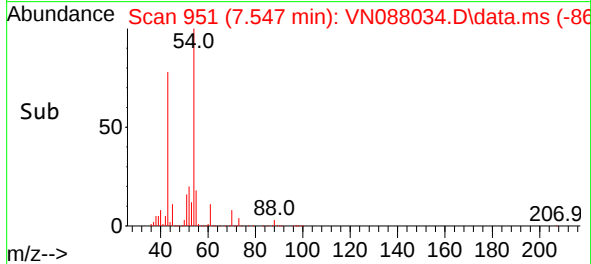
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 1168944
Ion Ratio Lower Upper
43 100
45 15.0 10.2 15.4

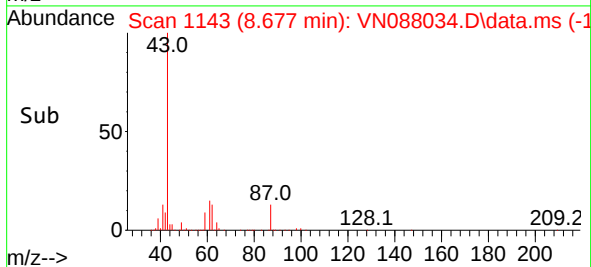
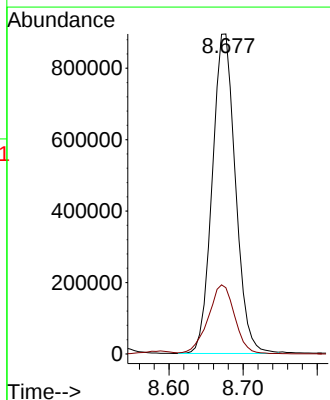
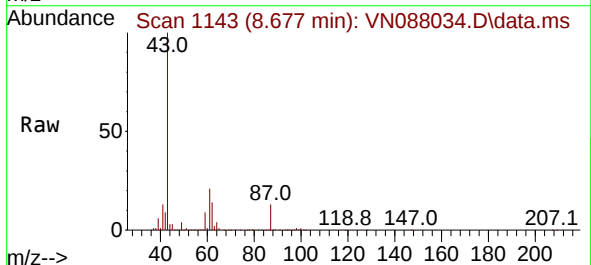
Manual Integrations
APPROVED

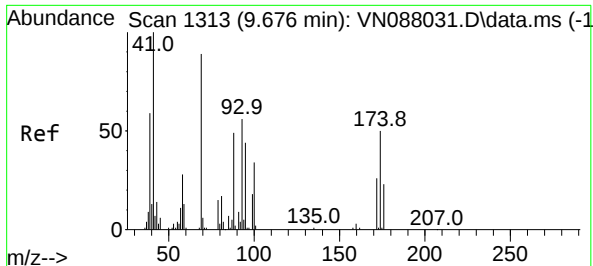
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#44
Isopropyl Acetate
Concen: 147.920 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

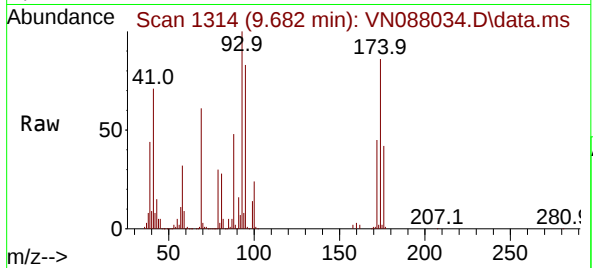
Tgt Ion: 43 Resp: 1946213
Ion Ratio Lower Upper
43 100
61 24.5 18.7 28.1





#45
1,4-Dioxane
Concen: 2634.144 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

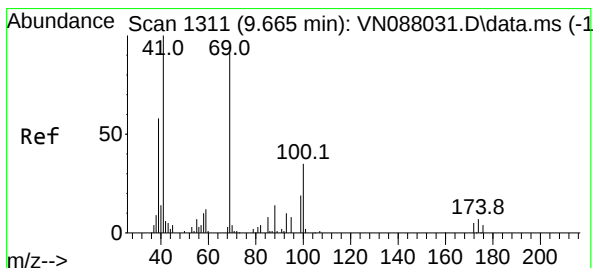
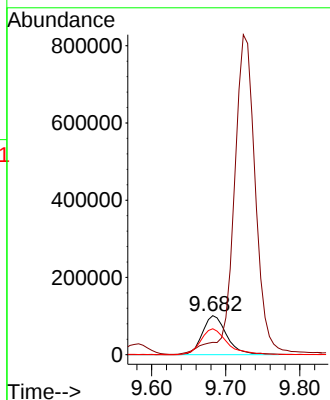
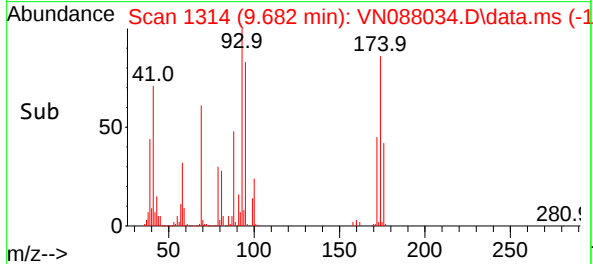
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



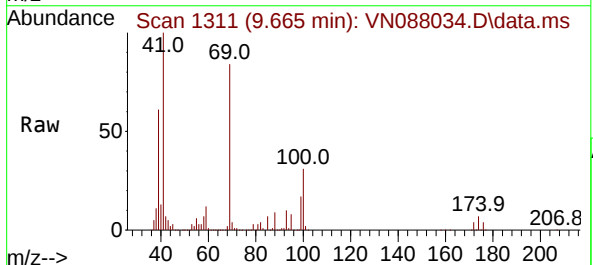
Tgt Ion: 88 Resp: 230500
Ion Ratio Lower Upper
88 100
43 26.1 18.6 27.8
58 72.0 57.4 86.2

Manual Integrations
APPROVED

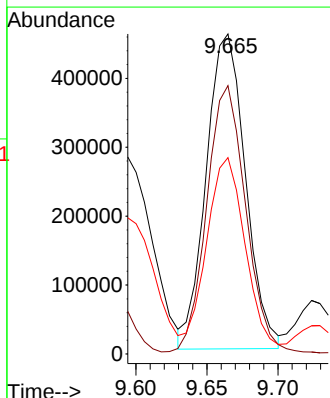
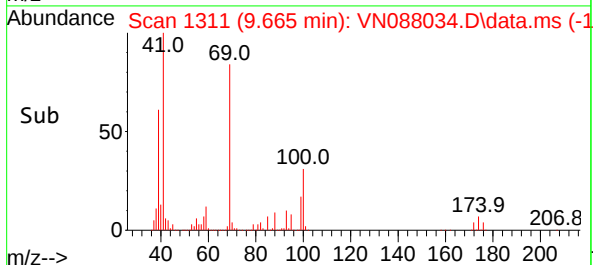
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

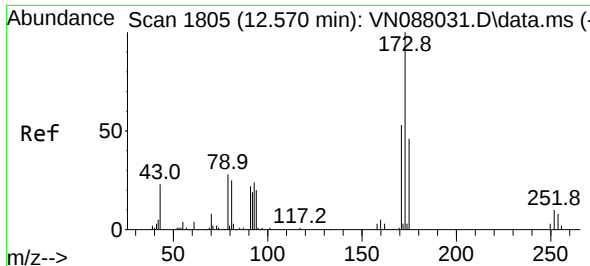


#46
Methyl methacrylate
Concen: 151.633 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12



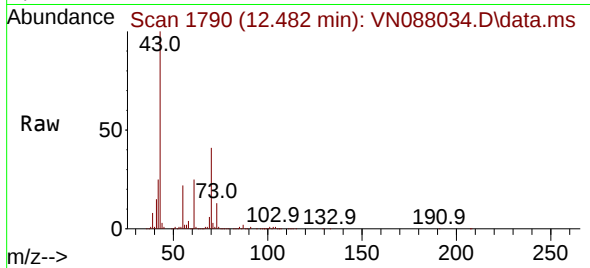
Tgt Ion: 41 Resp: 878594
Ion Ratio Lower Upper
41 100
69 87.1 44.9 134.7
39 61.9 30.3 90.8





#47
n-amy1 Acetate
Concen: 197.401 ug/l
RT: 12.482 min Scan# 11
Delta R.T. -0.088 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

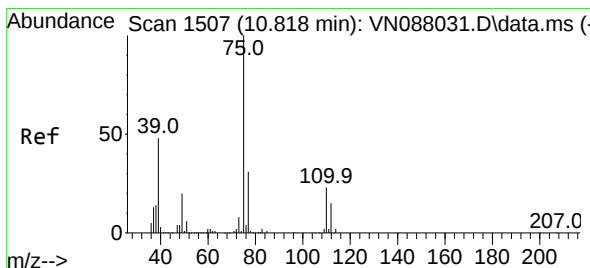
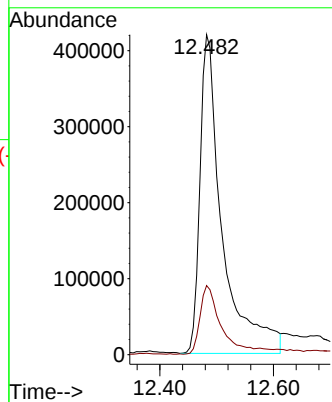
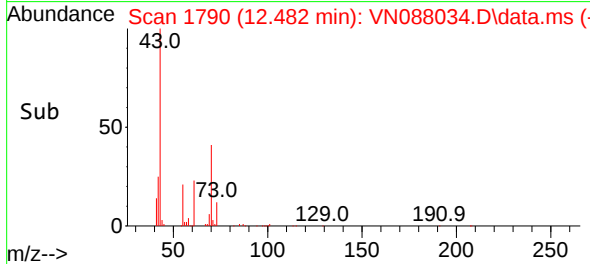
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



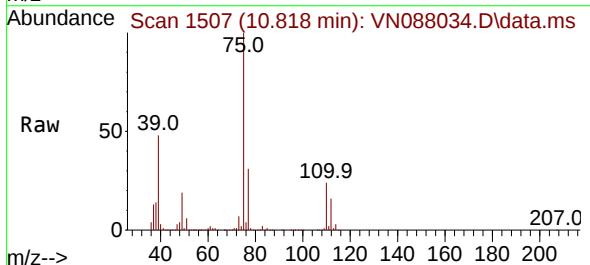
Tgt Ion: 43 Resp: 1141223
Ion Ratio Lower Upper
43 100
55 19.8 0.6 0.8

Manual Integrations
APPROVED

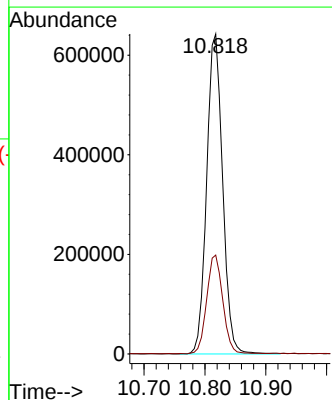
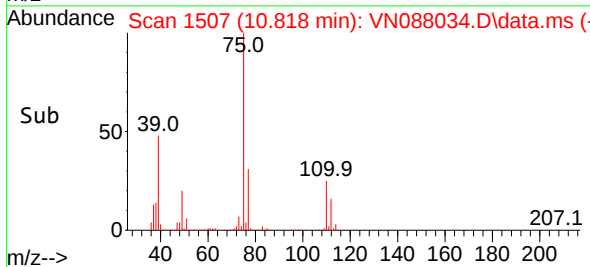
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

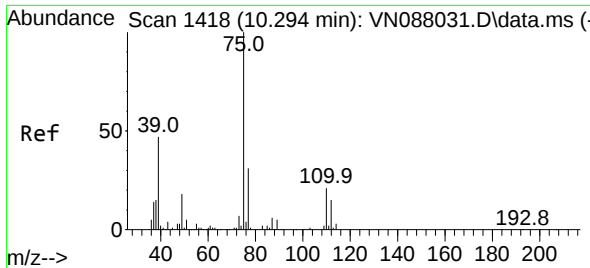


#48
t-1,3-Dichloropropene
Concen: 149.712 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12



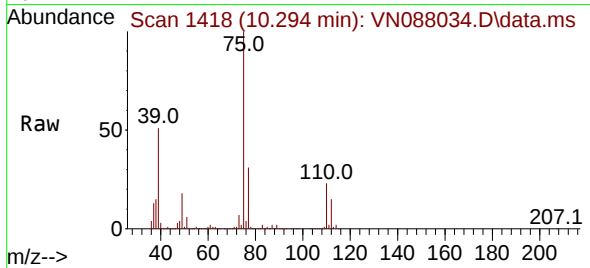
Tgt Ion: 75 Resp: 1169571
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7





#49
 cis-1,3-Dichloropropene
 Concen: 147.684 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088034.D
 Acq: 08 Oct 2025 11:12

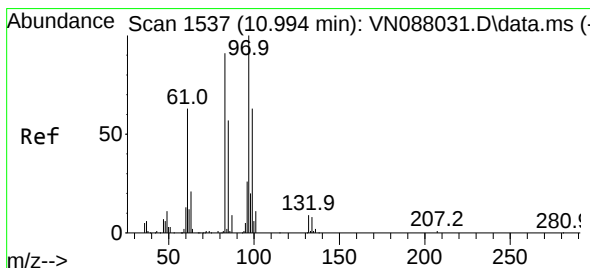
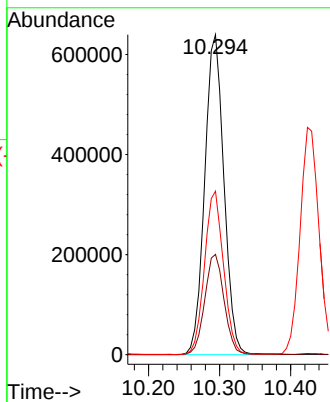
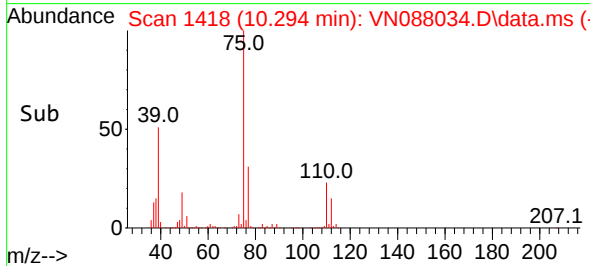
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



Tgt Ion: 75 Resp: 120347
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4
 39 51.0 37.4 56.0

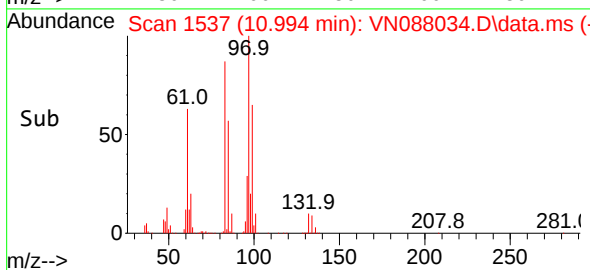
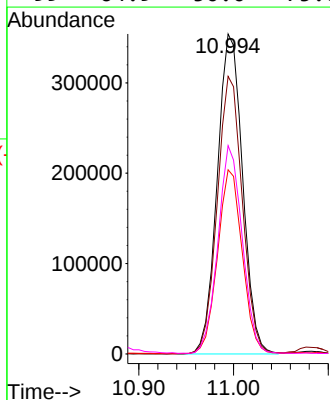
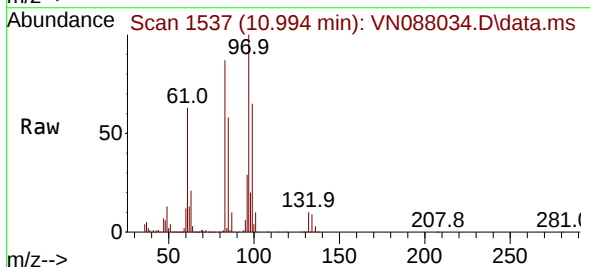
Manual Integrations
 APPROVED

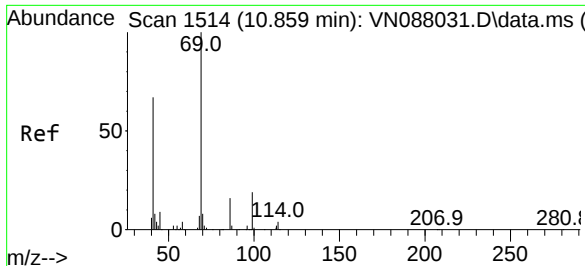
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#50
 1,1,2-Trichloroethane
 Concen: 144.430 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088034.D
 Acq: 08 Oct 2025 11:12

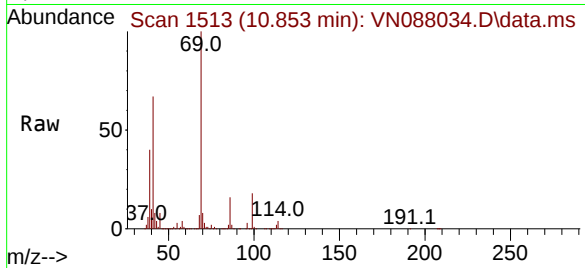
Tgt Ion: 97 Resp: 657933
 Ion Ratio Lower Upper
 97 100
 83 86.7 72.5 108.7
 85 57.5 45.5 68.3
 99 64.9 50.0 75.0





#51
Ethyl methacrylate
Concen: 157.077 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

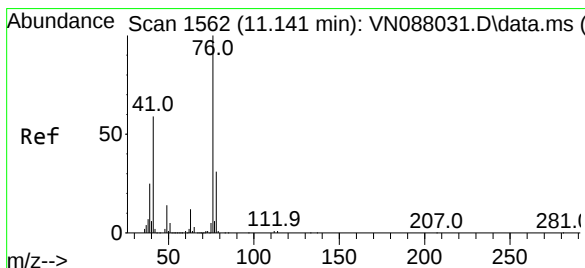
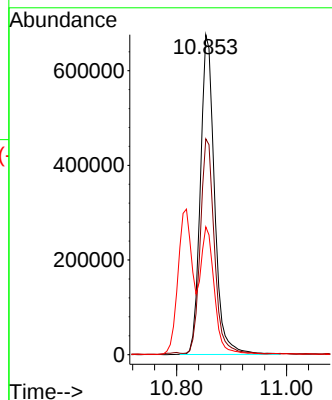
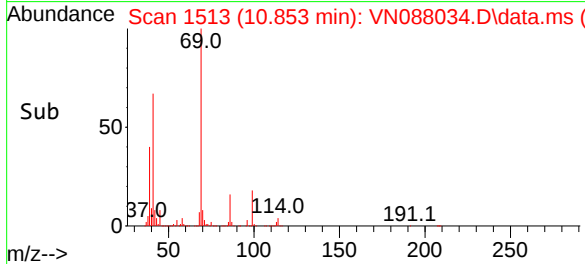
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 69 Resp: 1210974
Ion Ratio Lower Upper
69 100
41 67.1 33.3 99.8
39 39.7 20.3 61.0

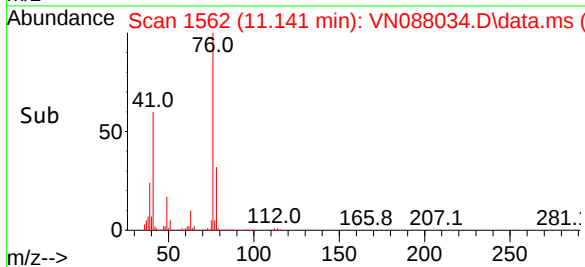
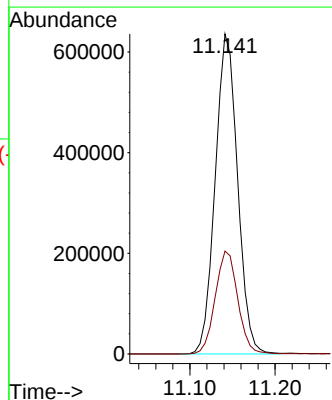
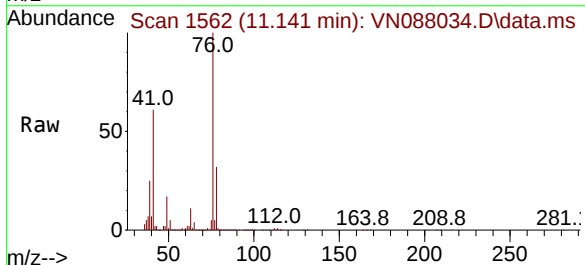
Manual Integrations
APPROVED

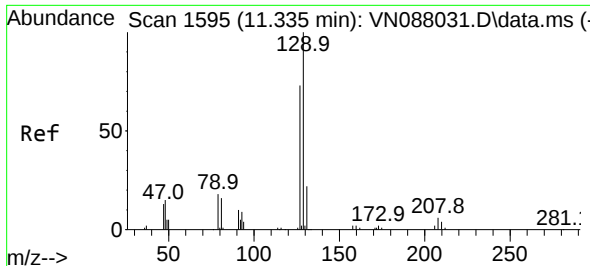
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#52
1,3-Dichloropropane
Concen: 145.836 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

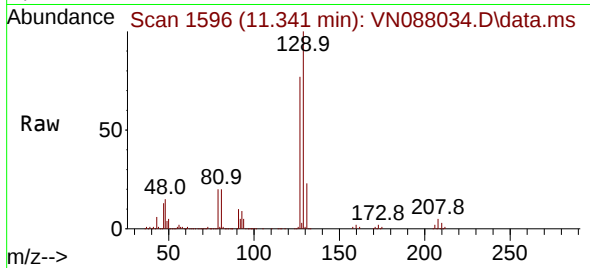
Tgt Ion: 76 Resp: 1159064
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.0





#53
Dibromochloromethane
Concen: 147.348 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

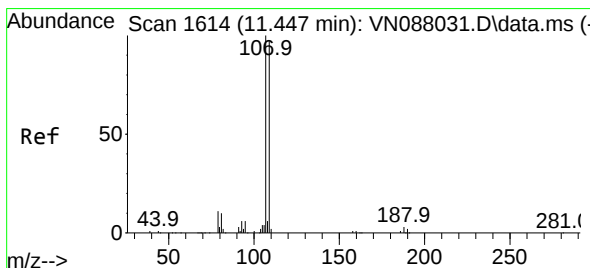
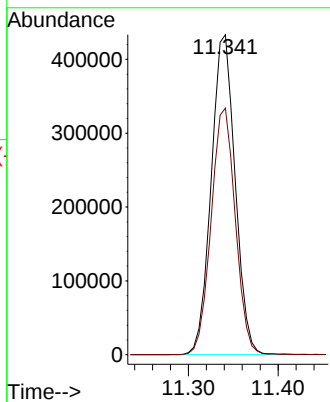
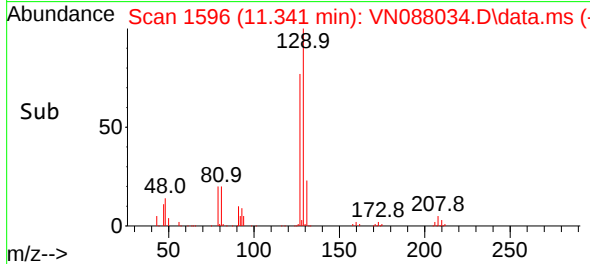
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



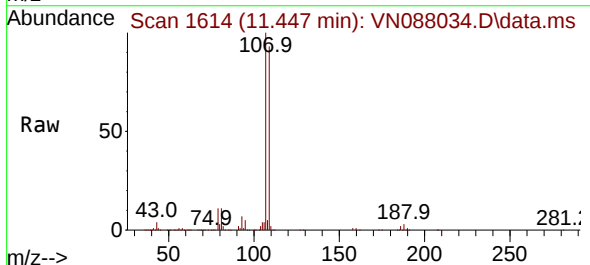
Tgt Ion:129 Resp: 802448
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3

Manual Integrations
APPROVED

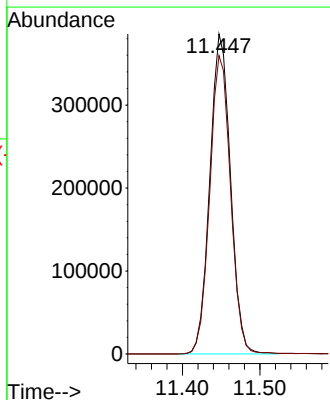
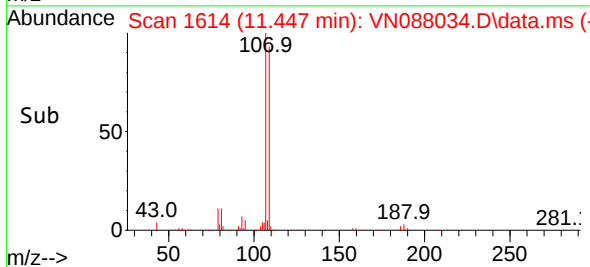
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

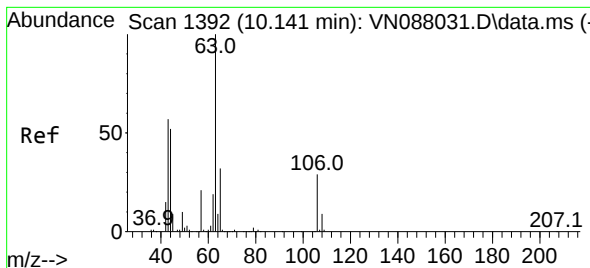


#54
1,2-Dibromoethane
Concen: 146.499 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12



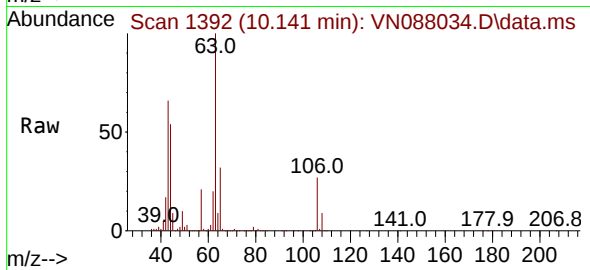
Tgt Ion:107 Resp: 713476
Ion Ratio Lower Upper
107 100
109 94.1 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 748.593 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

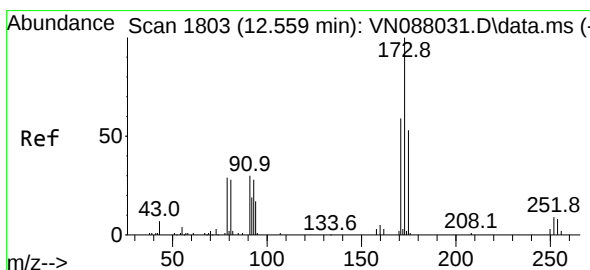
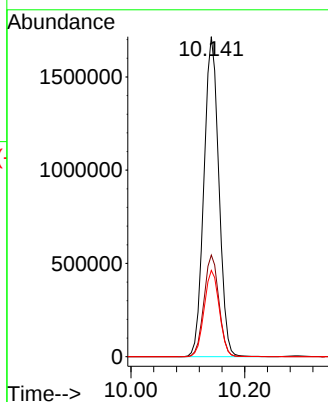
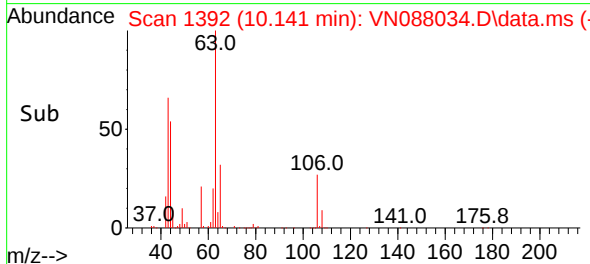
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 63 Resp: 311515
Ion Ratio Lower Upper
63 100
65 31.8 25.7 38.5
106 27.3 22.6 34.0

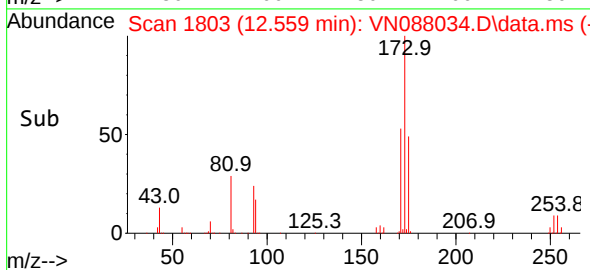
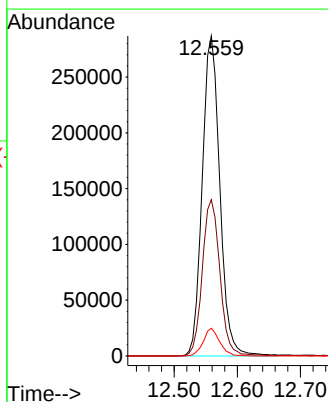
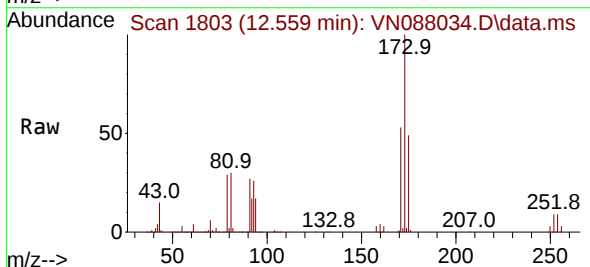
Manual Integrations
APPROVED

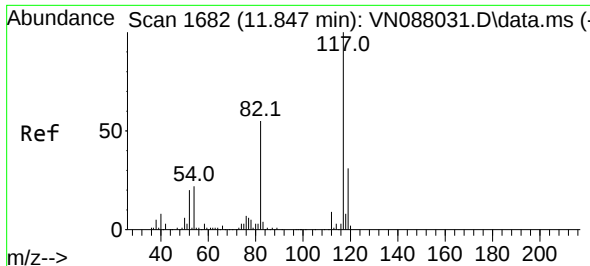
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#56
Bromoform
Concen: 151.071 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

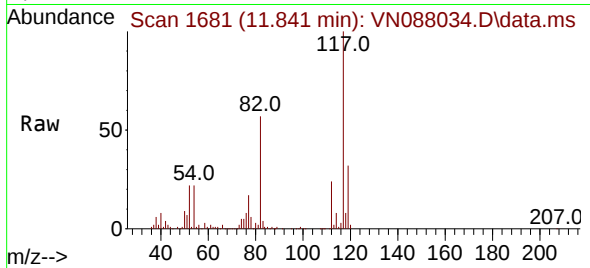
Tgt Ion:173 Resp: 556224
Ion Ratio Lower Upper
173 100
175 48.6 39.6 59.4
254 8.0 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

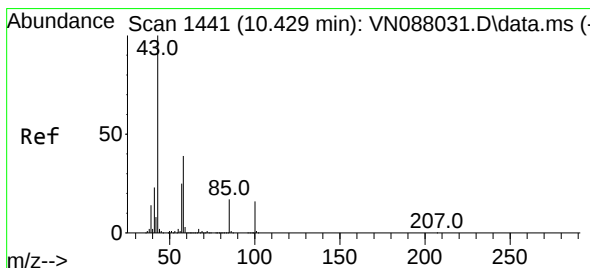
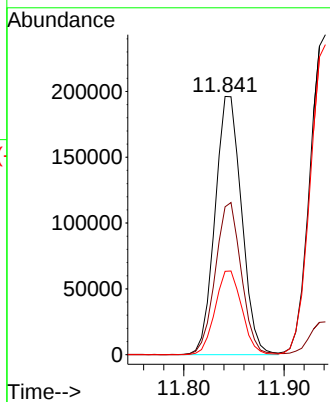
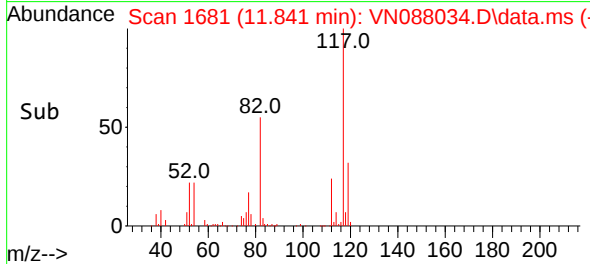
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 36034
Ion Ratio Lower Upper
117 100
82 57.6 45.2 67.8
119 32.5 25.9 38.9

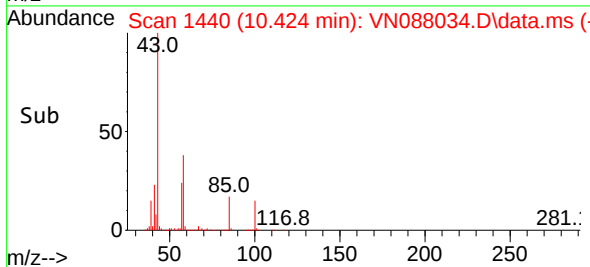
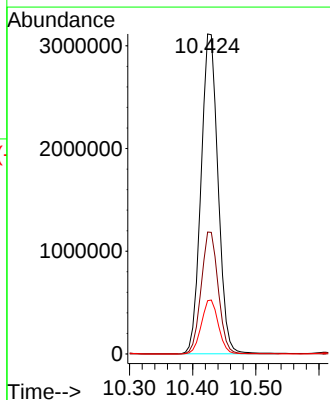
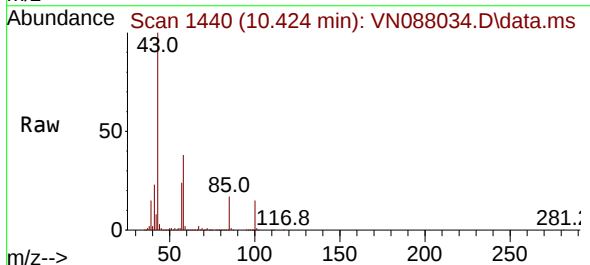
Manual Integrations
APPROVED

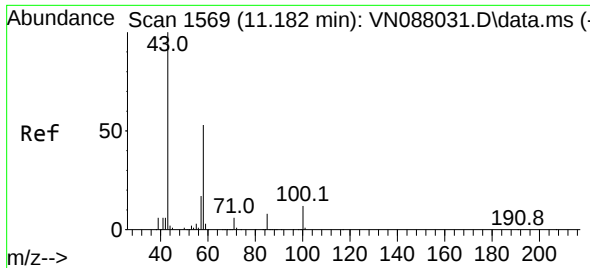
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#58
4-Methyl-2-Pentanone
Concen: 722.051 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

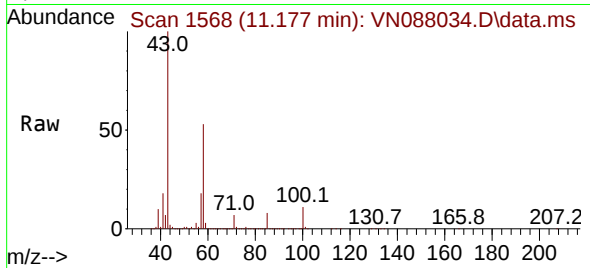
Tgt Ion: 43 Resp: 5819803
Ion Ratio Lower Upper
43 100
58 38.4 31.2 46.8
85 16.9 13.7 20.5





#59
2-Hexanone
Concen: 783.538 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

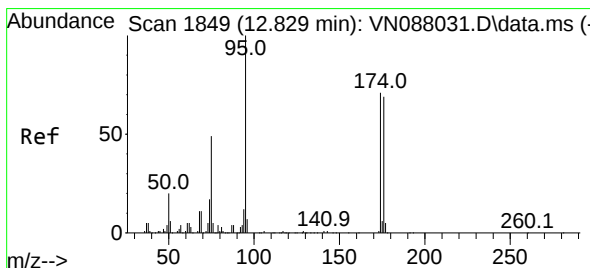
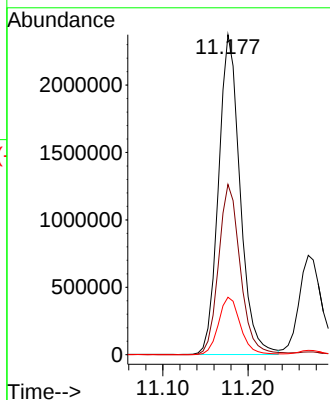
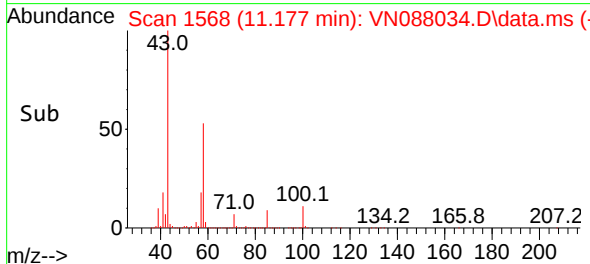
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 4169658
Ion Ratio Lower Upper
43 100
58 53.8 43.1 64.7
57 18.3 14.6 21.8

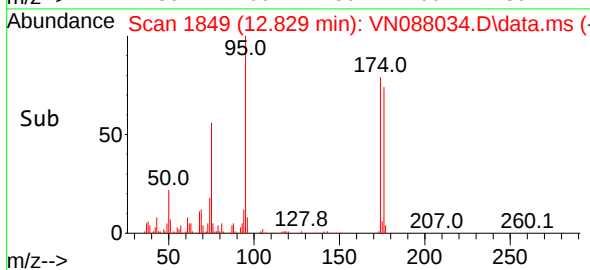
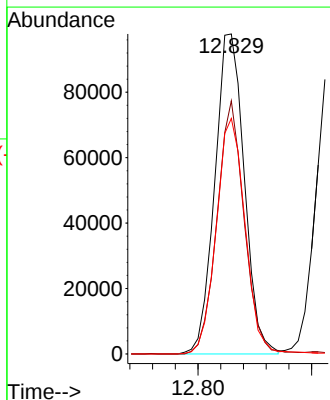
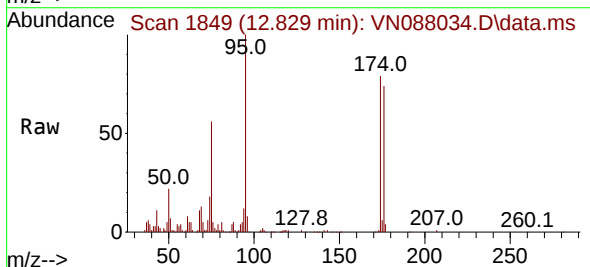
Manual Integrations
APPROVED

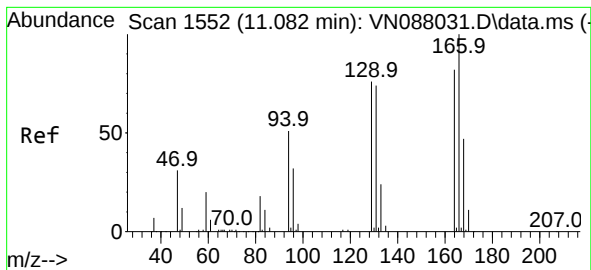
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#60
4-Bromofluorobenzene
Concen: 29.663 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

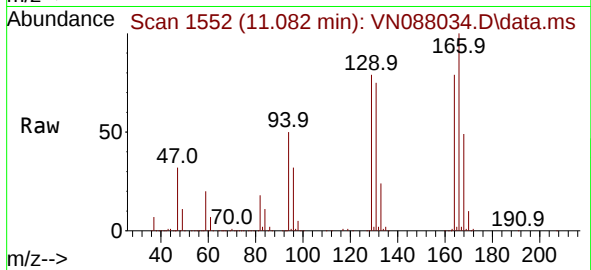
Tgt Ion: 95 Resp: 176216
Ion Ratio Lower Upper
95 100
174 73.0 57.4 86.0
176 71.5 57.0 85.4





#61
Tetrachloroethene
Concen: 141.798 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

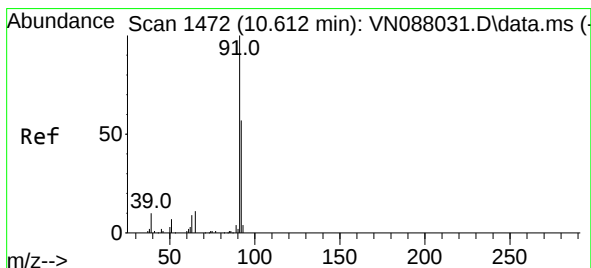
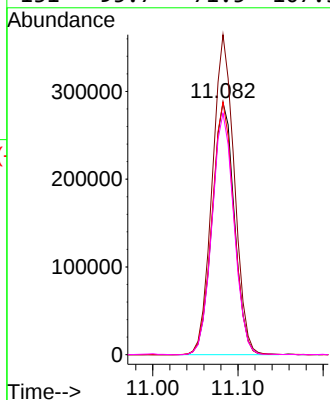
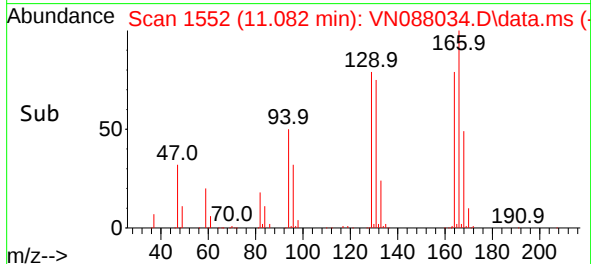
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:164 Resp: 517438
Ion Ratio Lower Upper
164 100
166 126.8 97.2 145.8
129 100.1 73.7 110.5
131 95.7 71.5 107.3

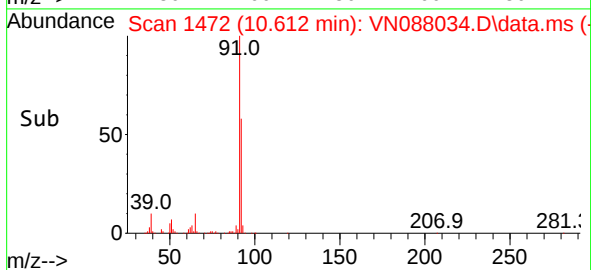
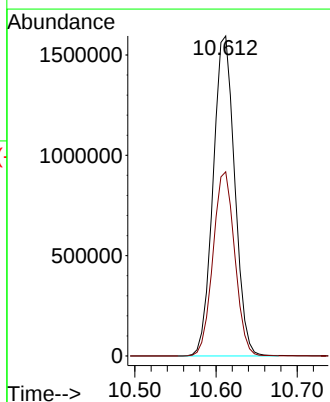
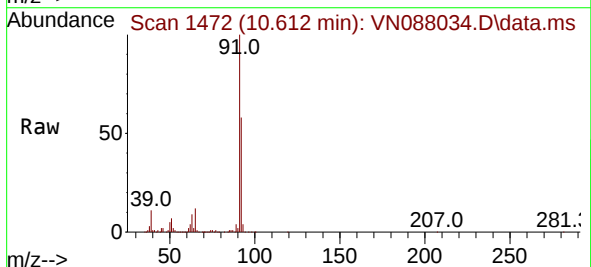
Manual Integrations
APPROVED

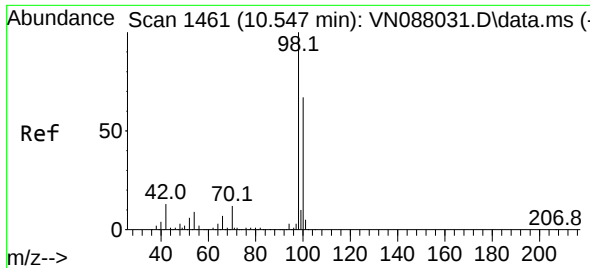
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#62
Toluene
Concen: 144.419 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

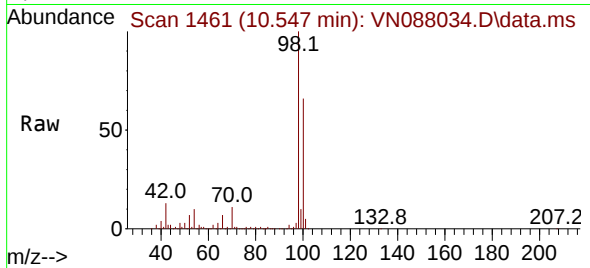
Tgt Ion: 91 Resp: 2951946
Ion Ratio Lower Upper
91 100
92 58.0 45.8 68.8





#63
Toluene-d8
Concen: 29.931 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

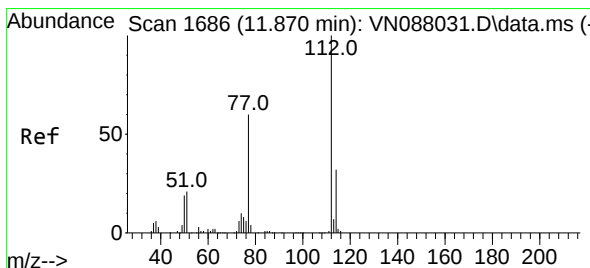
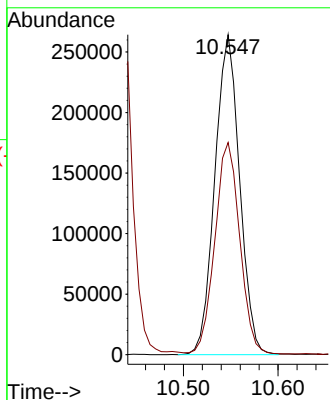
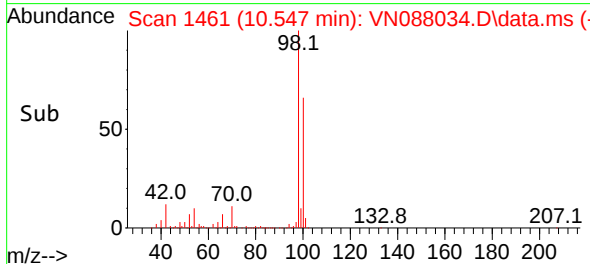
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 98 Resp: 480539
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

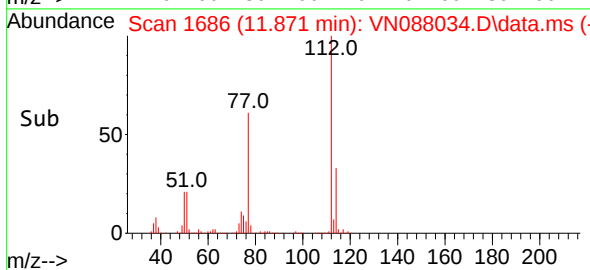
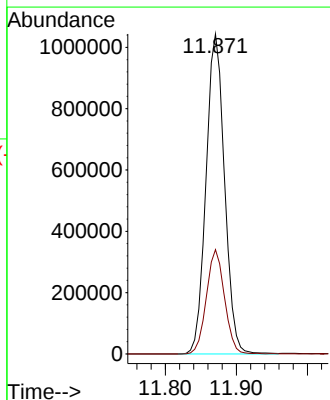
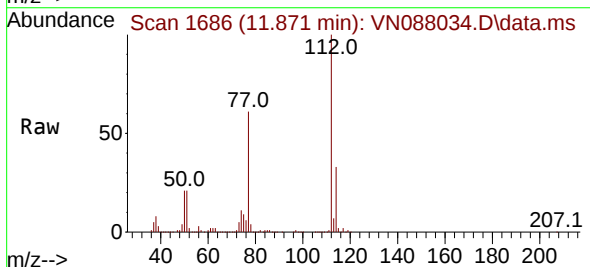
Manual Integrations
APPROVED

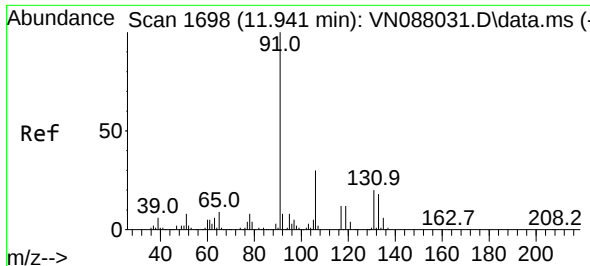
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#64
Chlorobenzene
Concen: 144.832 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

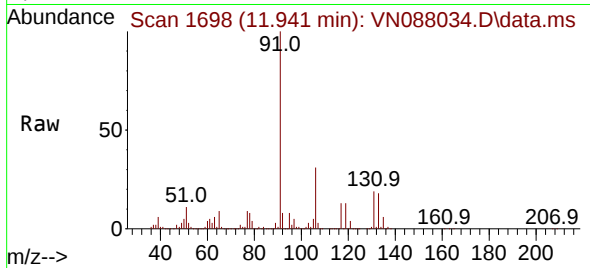
Tgt Ion:112 Resp: 1890882
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 143.089 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

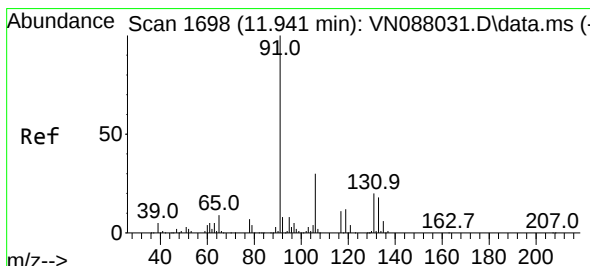
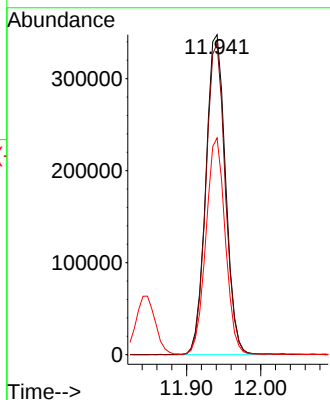
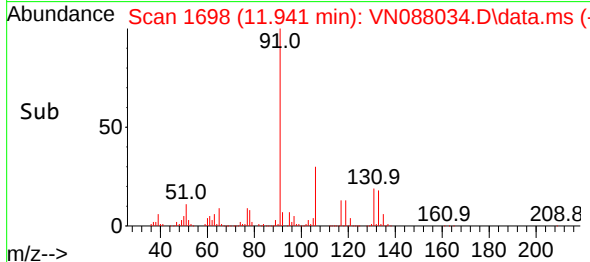
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 643792
Ion Ratio Lower Upper
131 100
133 95.4 0.0 183.8
119 66.5 0.0 132.0

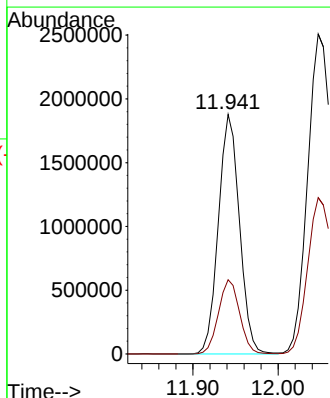
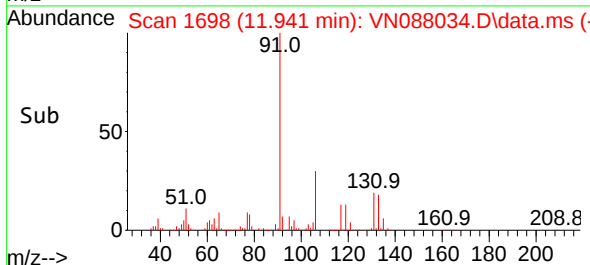
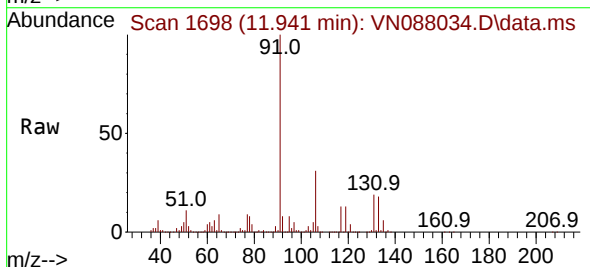
Manual Integrations
APPROVED

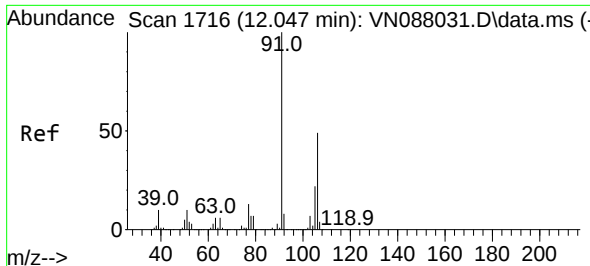
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#66
Ethyl Benzene
Concen: 145.284 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

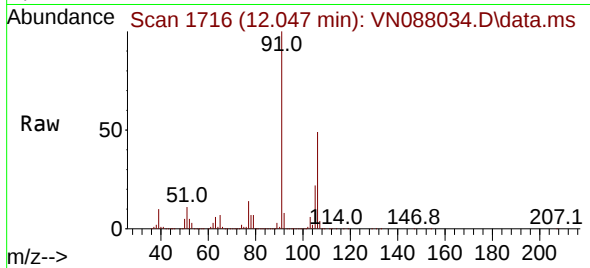
Tgt Ion: 91 Resp: 3229064
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0





#67
m/p-Xylenes
Concen: 291.347 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

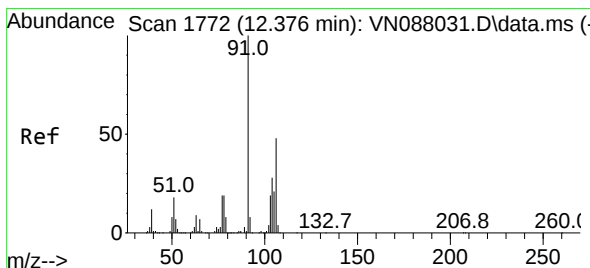
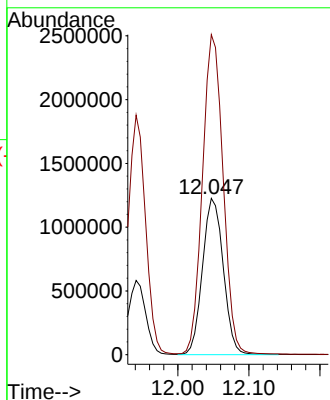
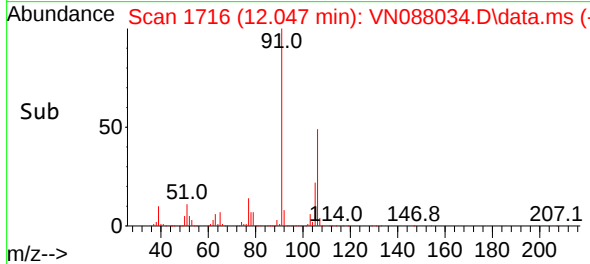
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:106 Resp: 2496330
Ion Ratio Lower Upper
106 100
91 203.4 161.4 242.0

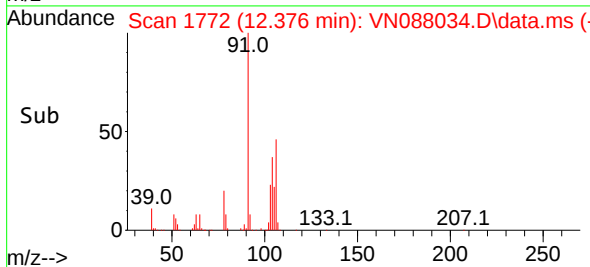
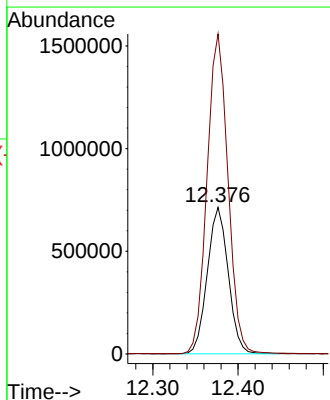
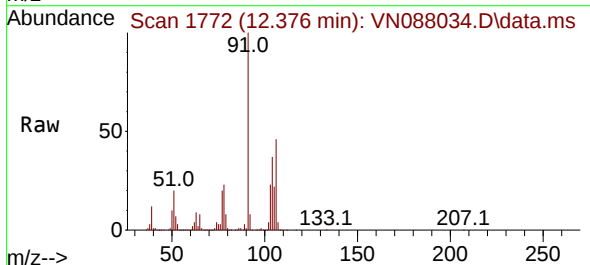
Manual Integrations
APPROVED

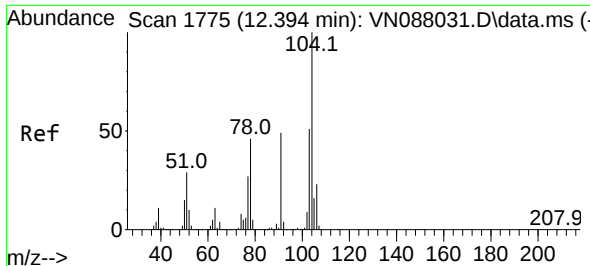
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#68
o-Xylene
Concen: 142.948 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

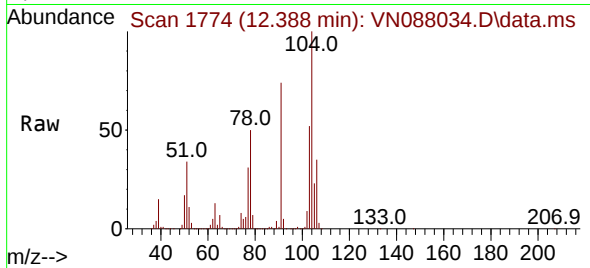
Tgt Ion:106 Resp: 1219294
Ion Ratio Lower Upper
106 100
91 218.2 105.2 315.6





#69
Styrene
Concen: 148.383 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

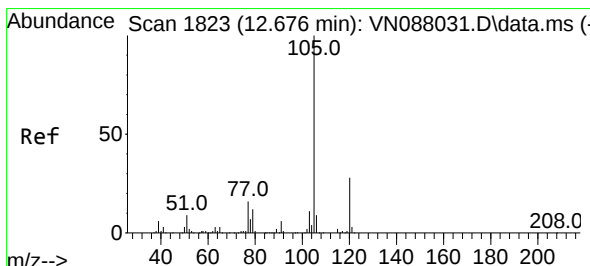
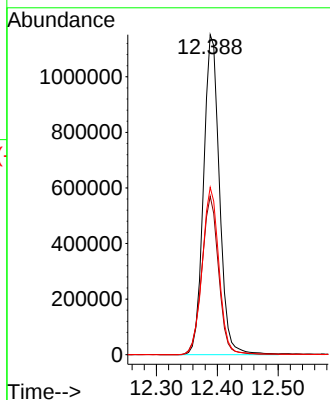
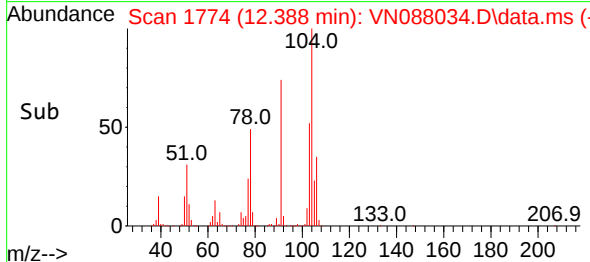
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:104 Resp: 209365
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.6
103 54.9 44.9 67.3

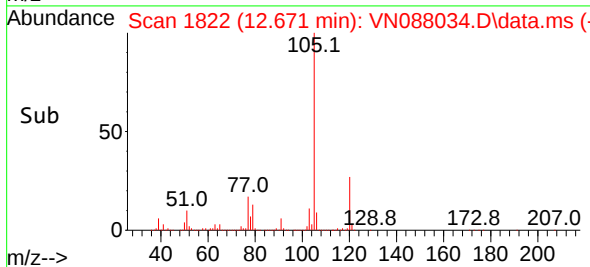
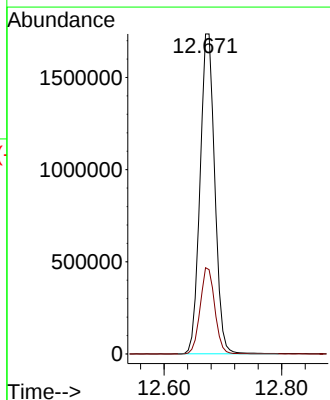
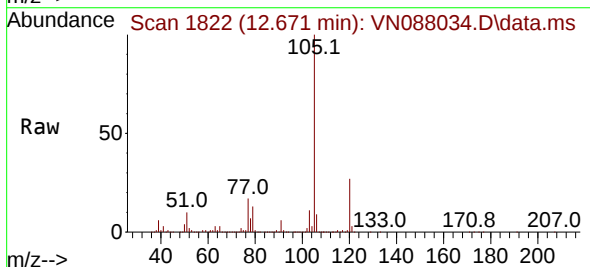
Manual Integrations
APPROVED

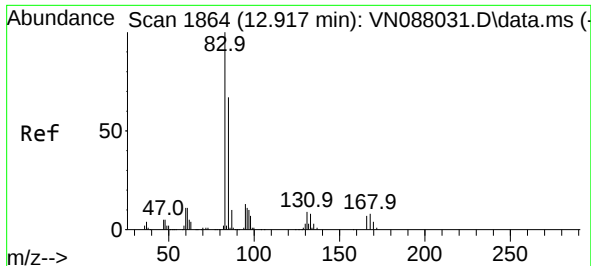
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#70
Isopropylbenzene
Concen: 144.736 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

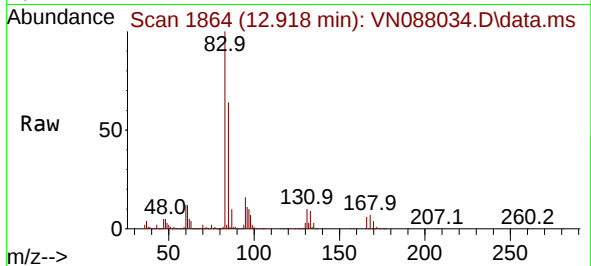
Tgt Ion:105 Resp: 3025763
Ion Ratio Lower Upper
105 100
120 26.7 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 142.462 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

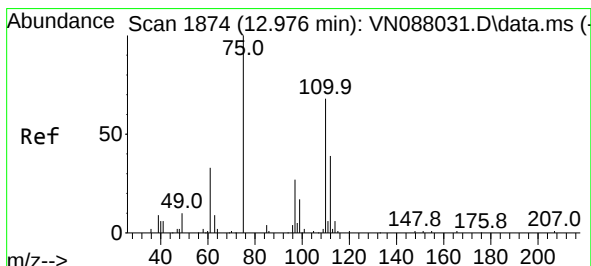
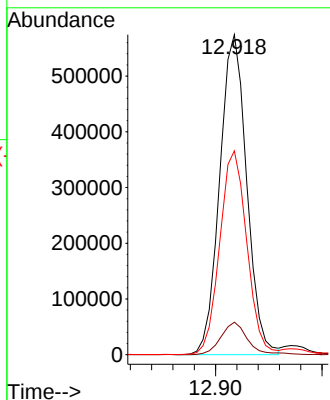
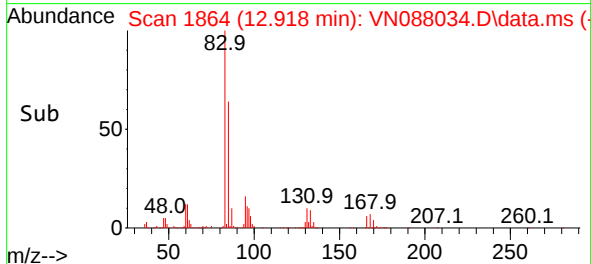
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



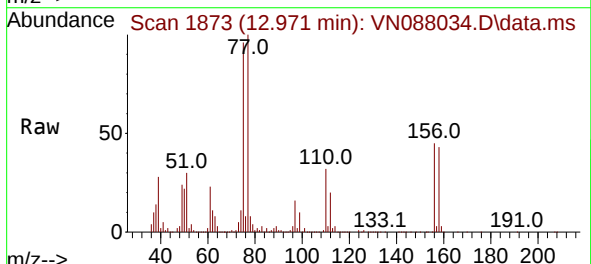
Tgt Ion: 83 Resp: 100971
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 63.8 32.4 97.2

Manual Integrations
APPROVED

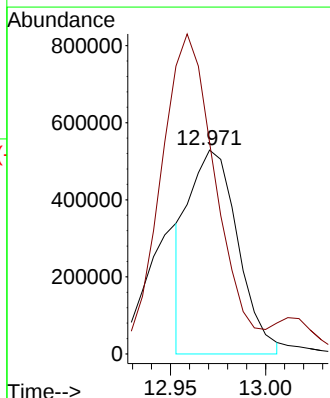
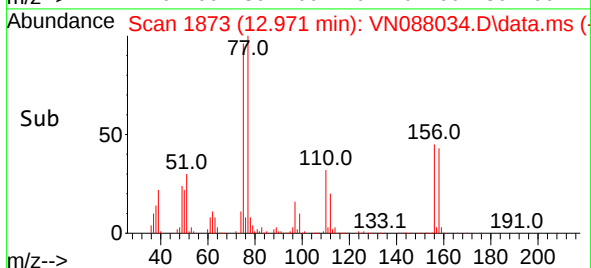
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

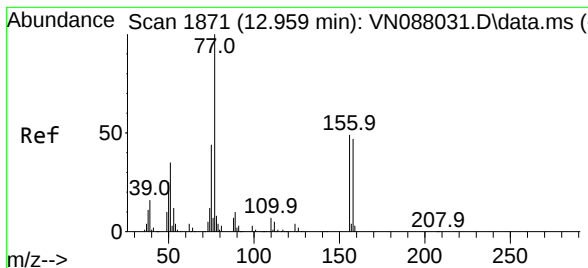


#72
1,2,3-Trichloropropane
Concen: 137.329 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12



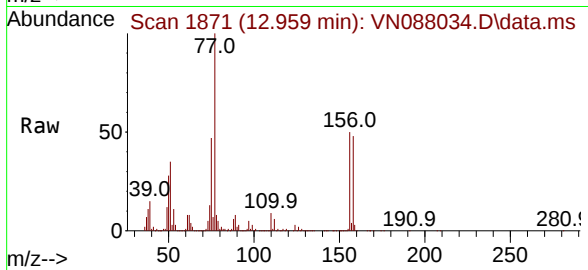
Tgt Ion: 75 Resp: 944811
Ion Ratio Lower Upper
75 100
77 178.8 0.0 364.0





#73
Bromobenzene
Concen: 143.390 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

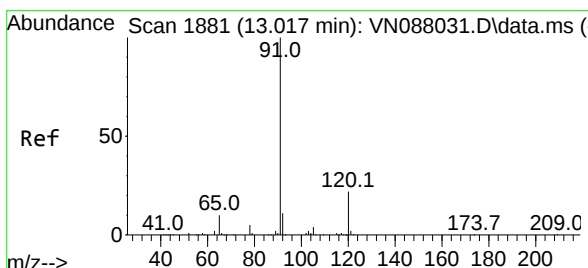
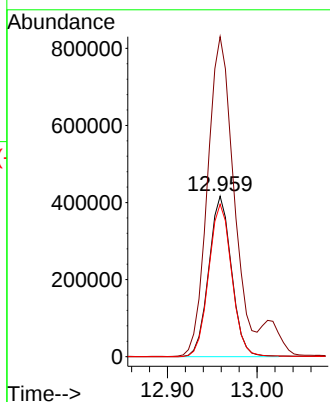
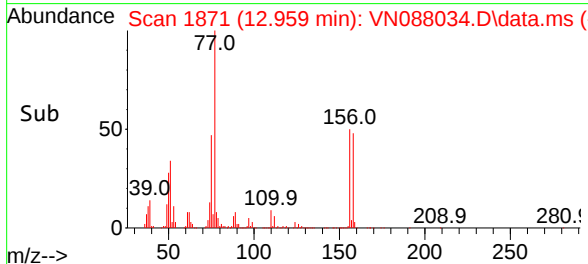
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



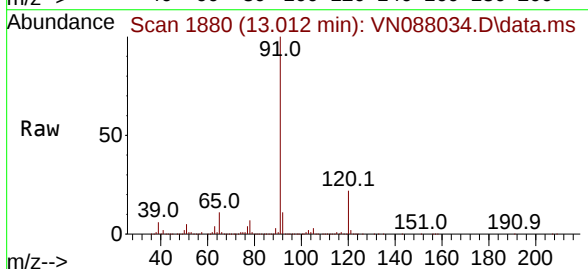
Tgt Ion:156 Resp: 732658
Ion Ratio Lower Upper
156 100
77 230.6 0.0 439.8
158 96.4 0.0 190.0

Manual Integrations
APPROVED

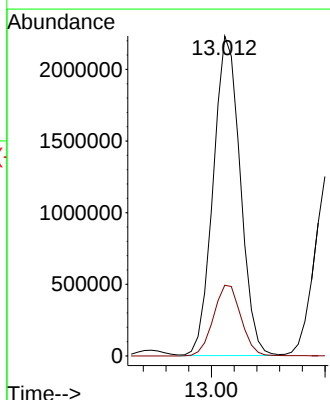
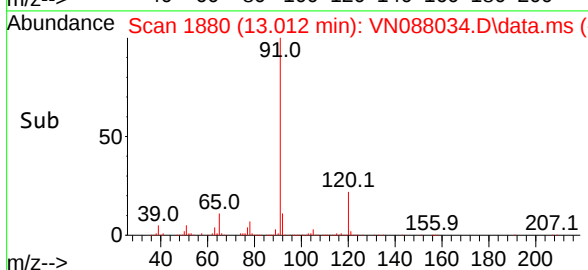
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

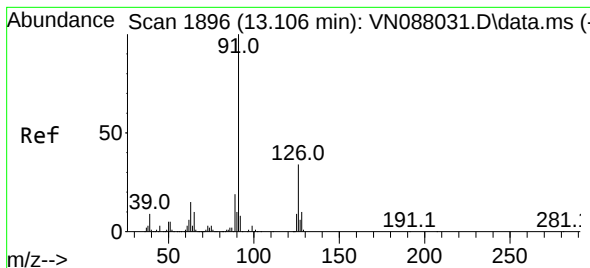


#74
n-propylbenzene
Concen: 145.874 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12



Tgt Ion: 91 Resp: 3681361
Ion Ratio Lower Upper
91 100
120 22.6 0.0 46.2





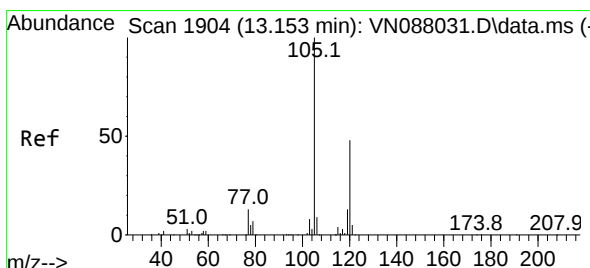
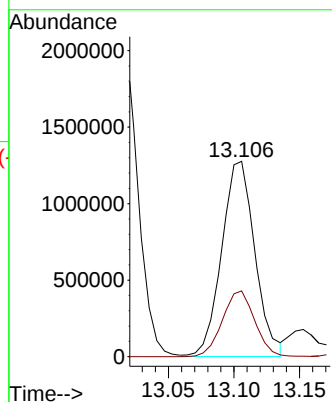
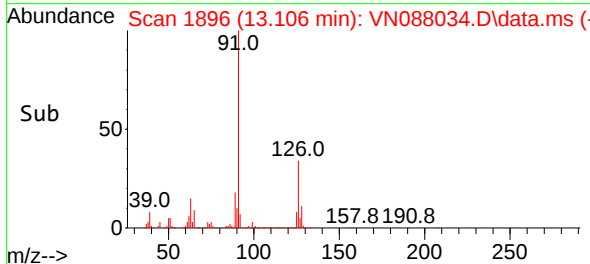
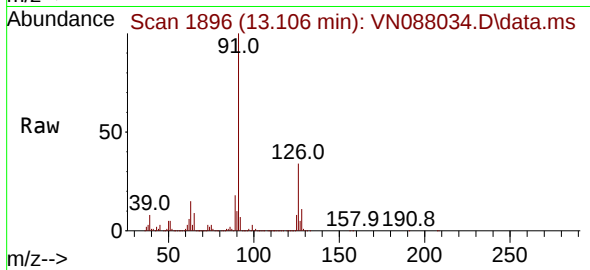
#75
2-Chlorotoluene
Concen: 145.681 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 224798
Ion Ratio Lower Upper
91 100
126 32.9 0.0 66.6

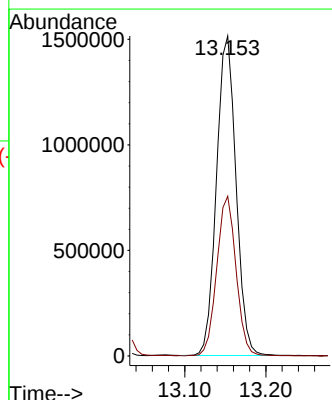
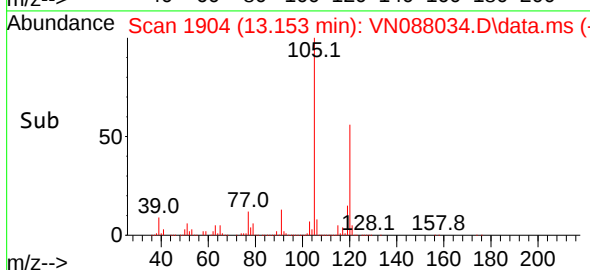
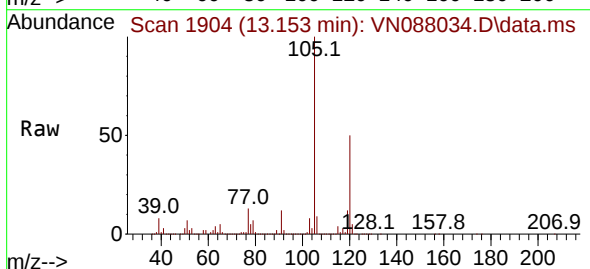
Manual Integrations
APPROVED

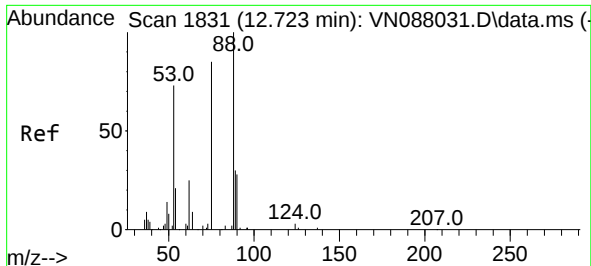
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#76
1,3,5-Trimethylbenzene
Concen: 142.568 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

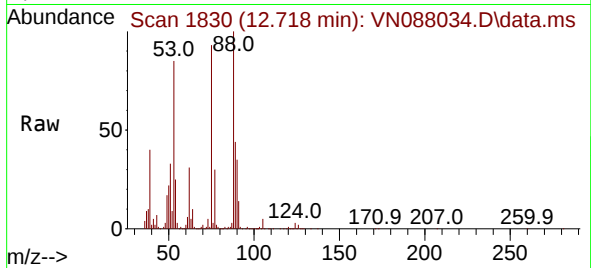
Tgt Ion:105 Resp: 2531712
Ion Ratio Lower Upper
105 100
120 49.3 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 163.941 ug/l
RT: 12.718 min Scan# 1831
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

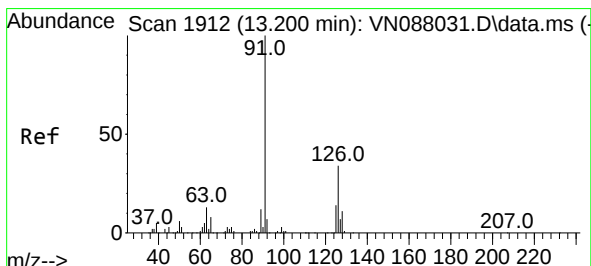
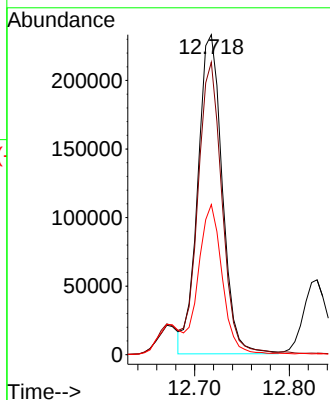
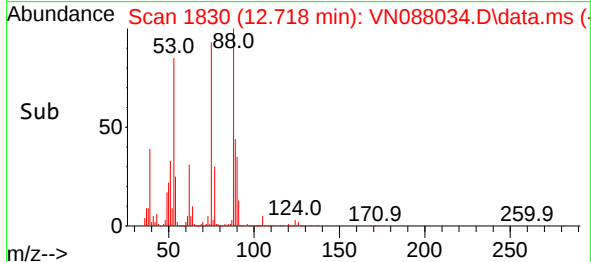
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 41738
Ion Ratio Lower Upper
75 100
53 91.4 41.8 125.3
89 46.8 19.9 59.6

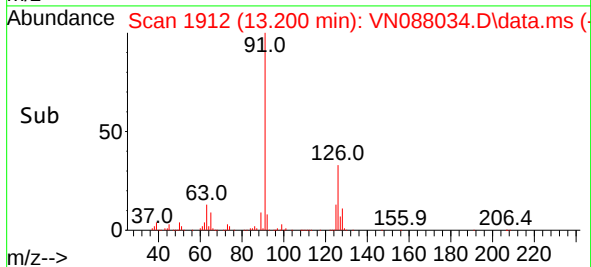
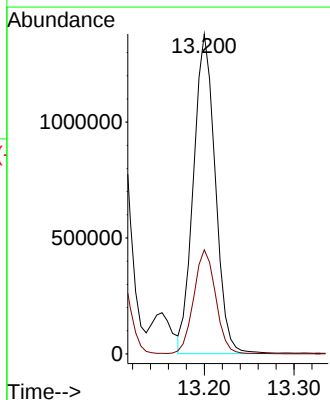
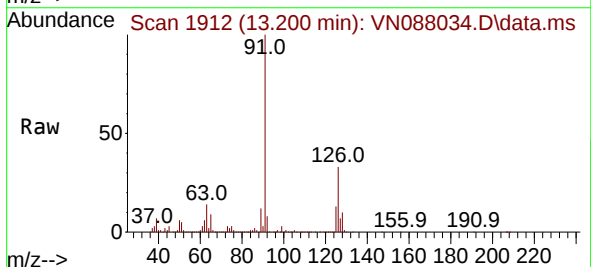
Manual Integrations
APPROVED

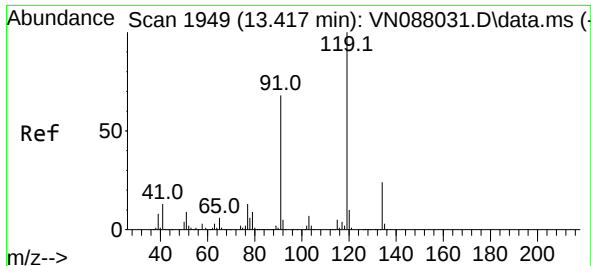
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#78
4-Chlorotoluene
Concen: 148.022 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

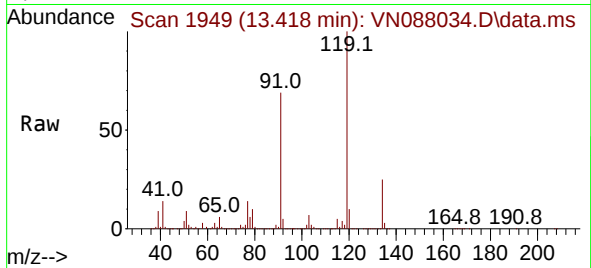
Tgt Ion: 91 Resp: 2320550
Ion Ratio Lower Upper
91 100
126 33.0 0.0 68.8





#79
tert-butylbenzene
Concen: 142.259 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

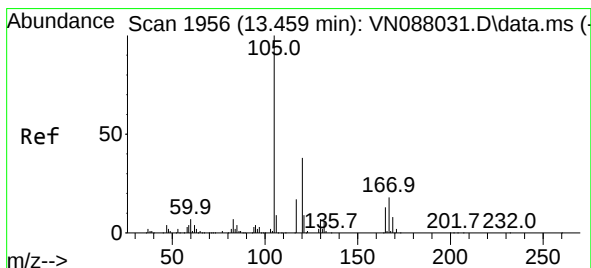
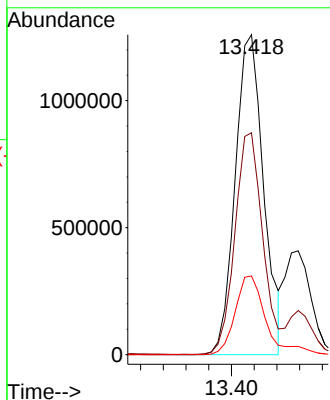
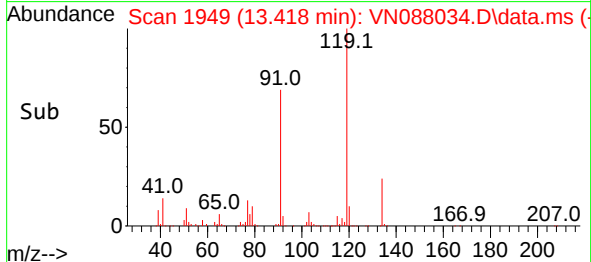
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:119 Resp: 218995
Ion Ratio Lower Upper
119 100
91 67.4 0.0 132.4
134 24.8 0.0 48.6

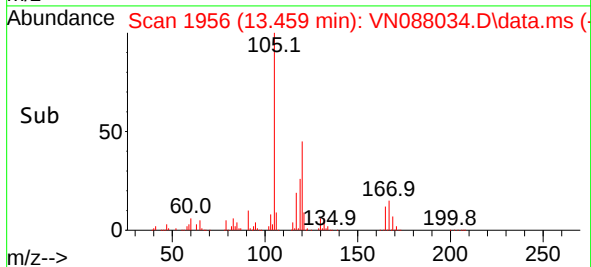
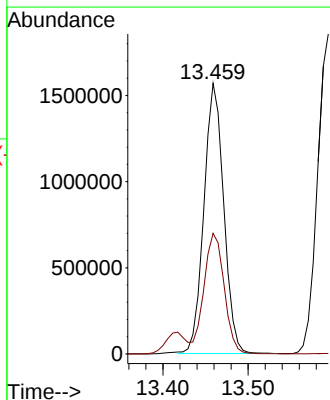
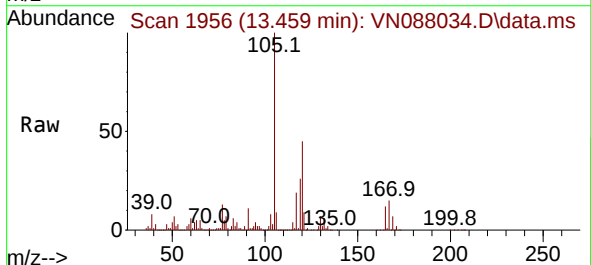
Manual Integrations
APPROVED

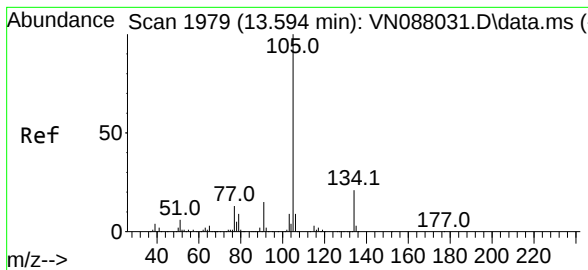
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#80
1,2,4-Trimethylbenzene
Concen: 142.543 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

Tgt Ion:105 Resp: 2534010
Ion Ratio Lower Upper
105 100
120 45.9 0.0 93.8





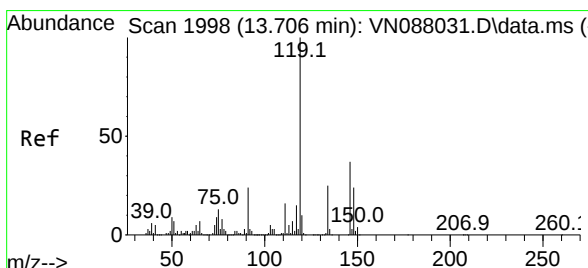
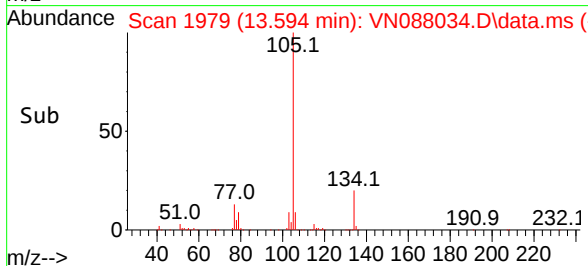
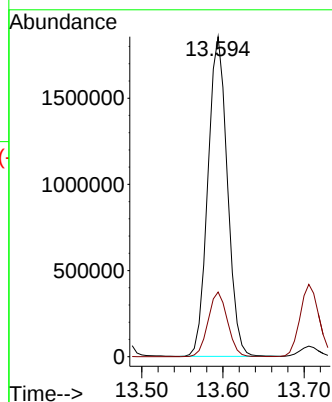
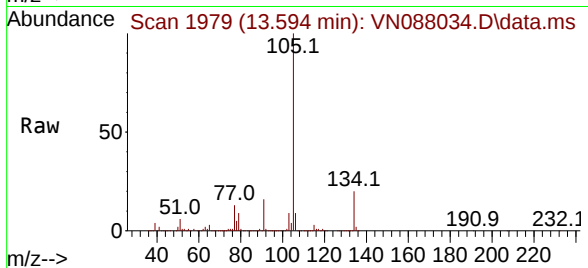
#81
 sec-Butylbenzene
 Concen: 142.543 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088034.D
 Acq: 08 Oct 2025 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 308521
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.2

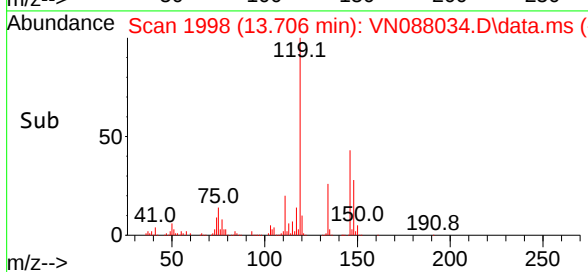
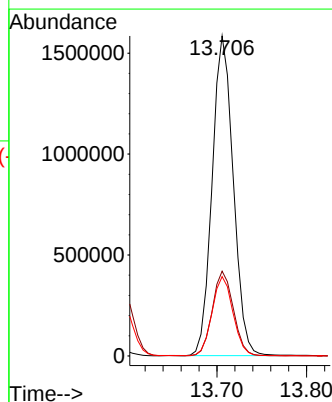
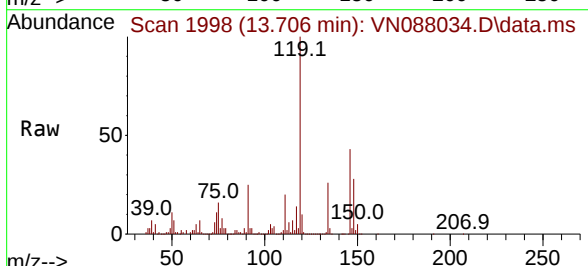
Manual Integrations
 APPROVED

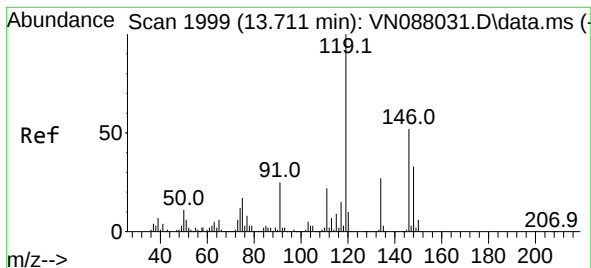
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#82
 p-Isopropyltoluene
 Concen: 140.112 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088034.D
 Acq: 08 Oct 2025 11:12

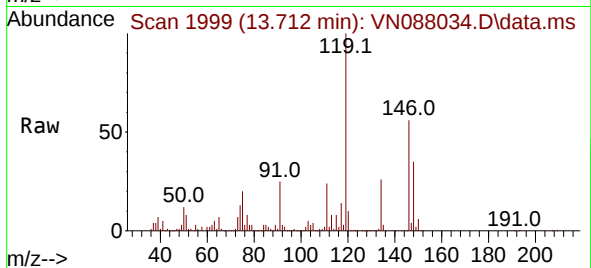
Tgt Ion:119 Resp: 2589136
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.6
 91 24.4 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 141.545 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

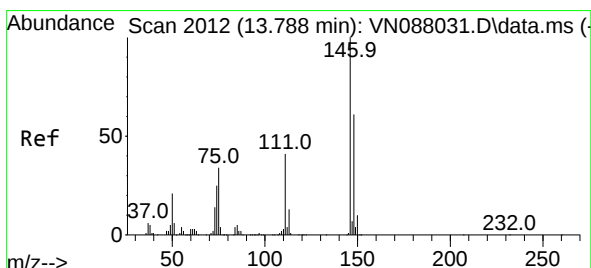
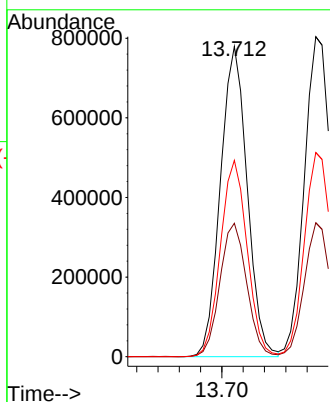
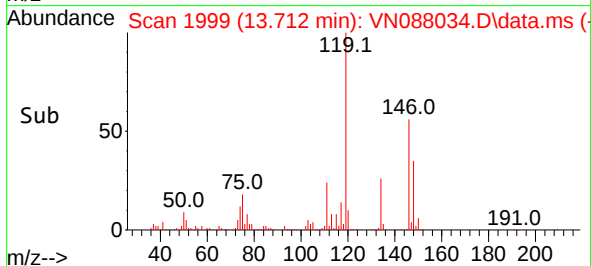
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



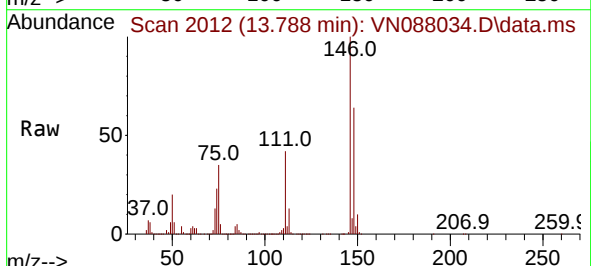
Tgt Ion:146 Resp: 1360760
Ion Ratio Lower Upper
146 100
111 43.1 21.1 63.1
148 63.0 31.5 94.5

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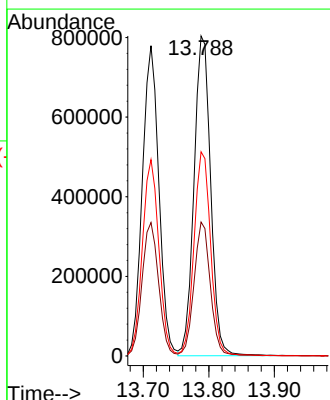
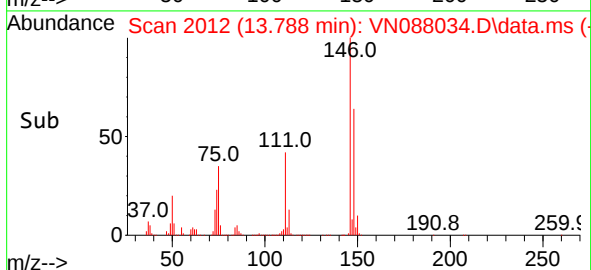
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

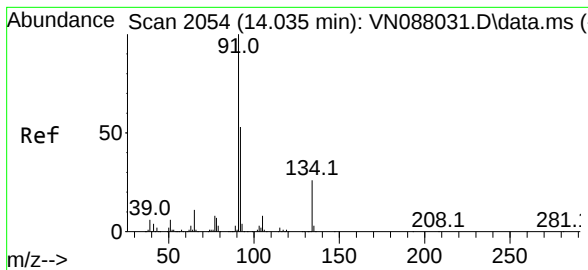


#84
1,4-Dichlorobenzene
Concen: 143.484 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12



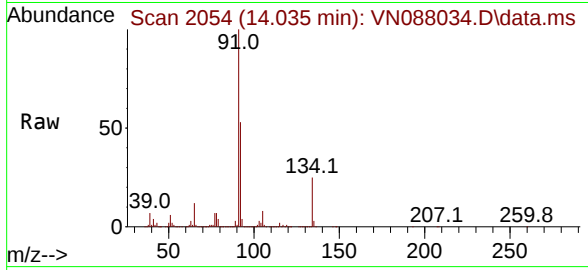
Tgt Ion:146 Resp: 1422602
Ion Ratio Lower Upper
146 100
111 40.2 20.5 61.6
148 63.3 31.9 95.9





#85
n-Butylbenzene
Concen: 142.775 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

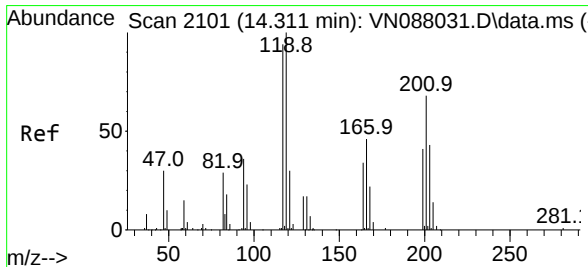
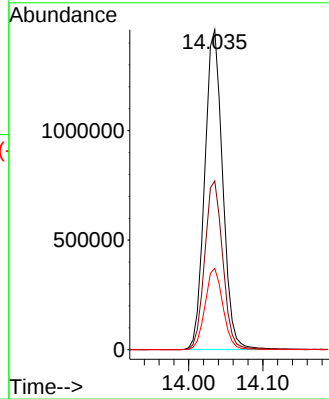
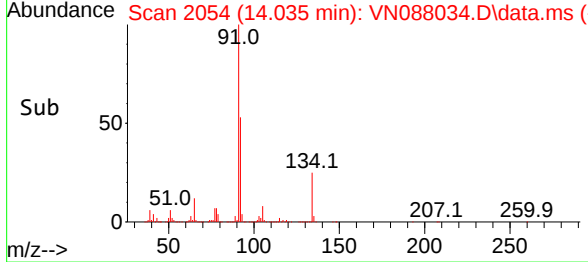
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 245457
Ion Ratio Lower Upper
91 100
92 53.3 0.0 107.6
134 25.4 0.0 52.6

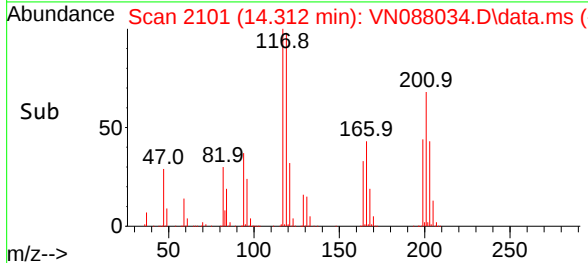
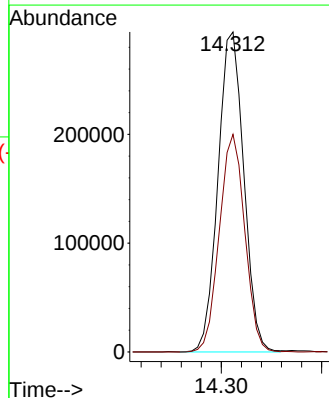
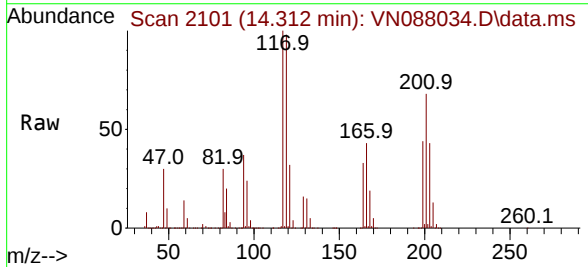
Manual Integrations
APPROVED

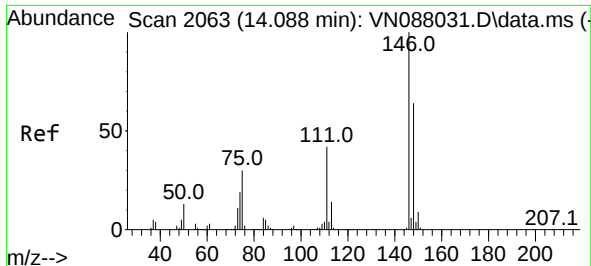
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#86
Hexachloroethane
Concen: 141.838 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

Tgt Ion:117 Resp: 525061
Ion Ratio Lower Upper
117 100
201 67.0 34.8 104.3





#87

1,2-Dichlorobenzene

Concen: 141.778 ug/l

RT: 14.082 min Scan# 2063

Delta R.T. -0.006 min

Lab File: VN088034.D

Acq: 08 Oct 2025 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 134064

Ion Ratio Lower Upper

146 100

111 43.5 22.3 66.8

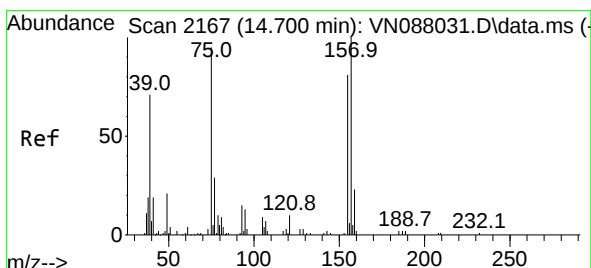
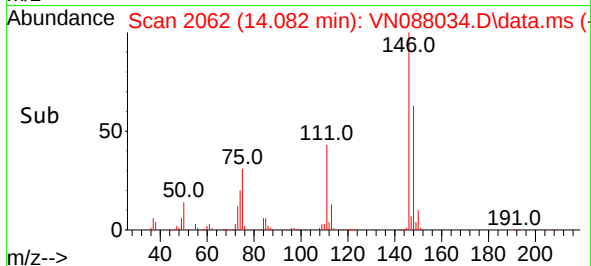
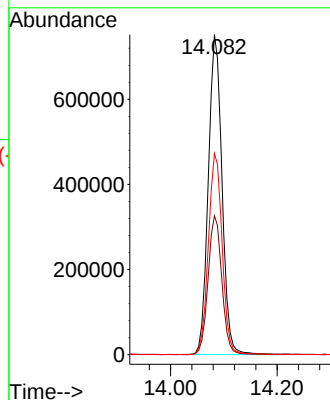
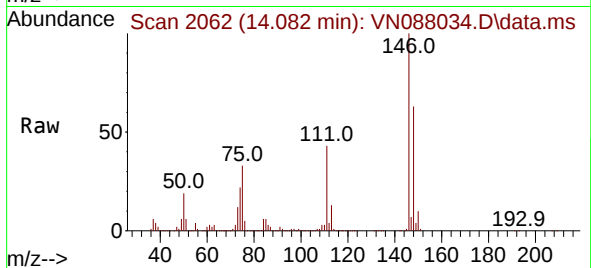
148 63.2 31.4 94.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 143.337 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VN088034.D

Acq: 08 Oct 2025 11:12

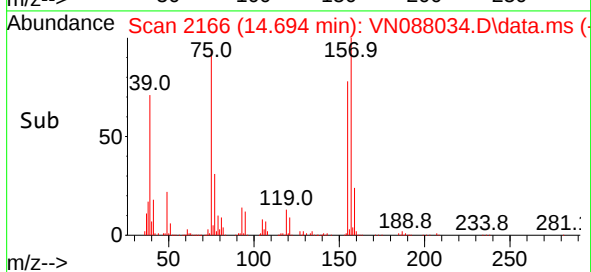
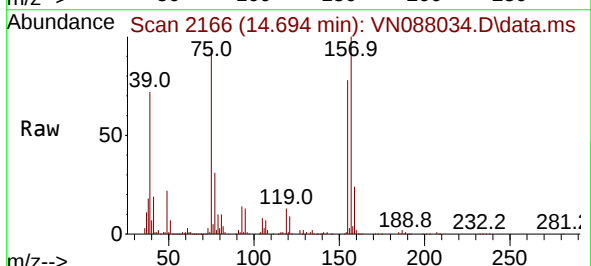
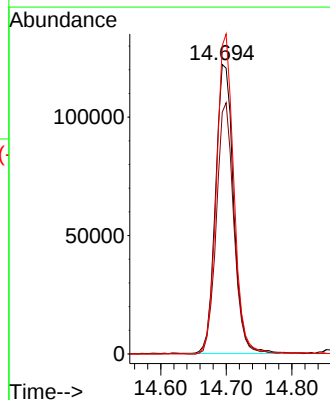
Tgt Ion: 75 Resp: 233320

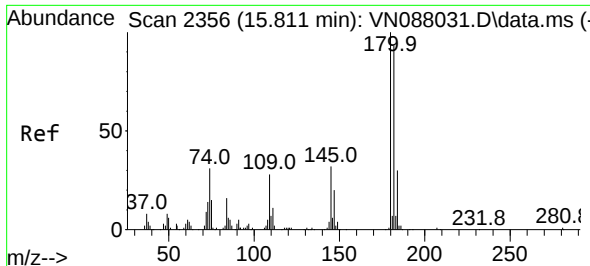
Ion Ratio Lower Upper

75 100

155 83.7 63.5 95.3

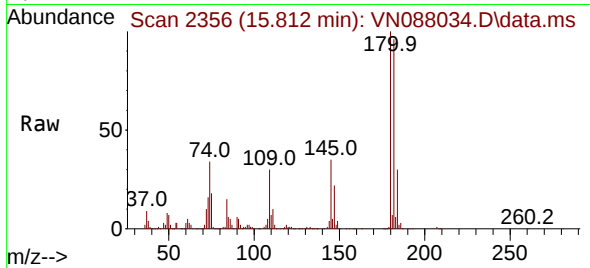
157 105.9 81.7 122.5





#89
1,2,4-Trichlorobenzene
Concen: 147.221 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

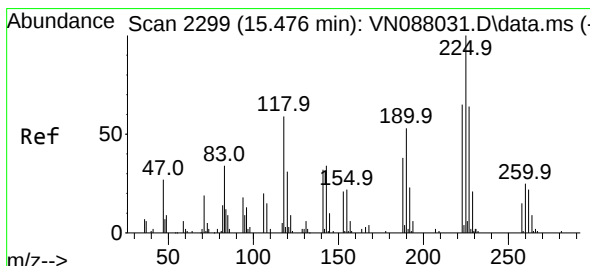
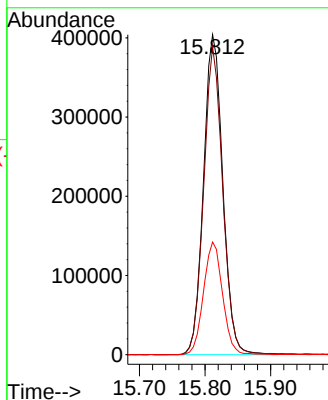
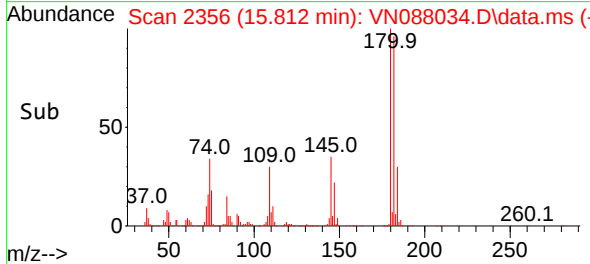
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



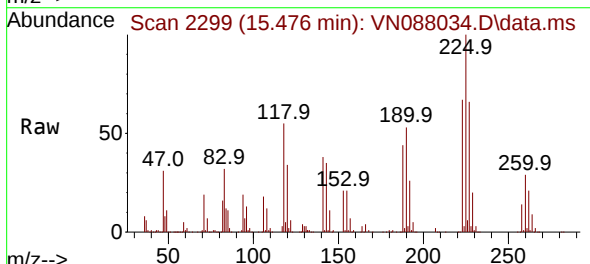
Tgt Ion:180 Resp: 829215
Ion Ratio Lower Upper
180 100
182 94.4 74.6 112.0
145 34.8 27.2 40.8

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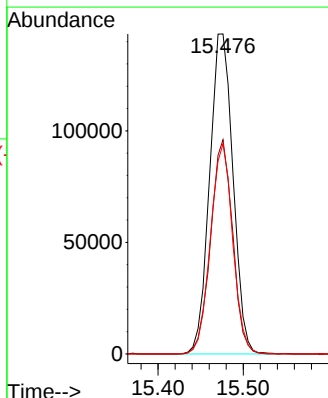
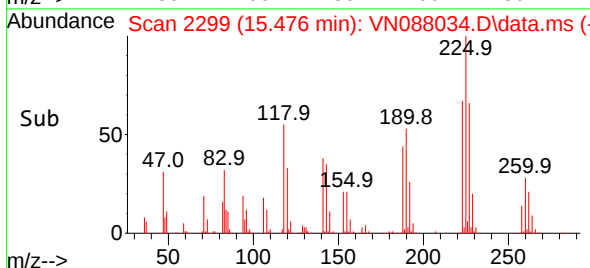
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

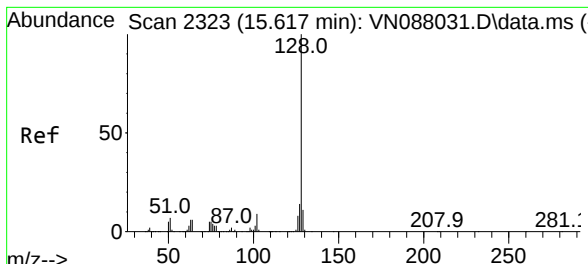


#90
Hexachlorobutadiene
Concen: 139.711 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12



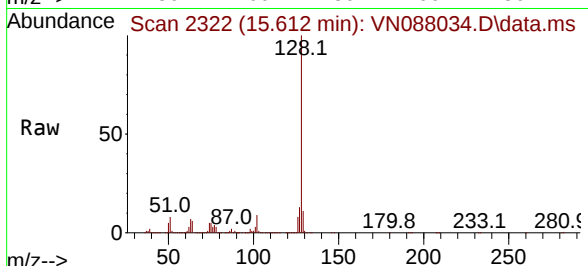
Tgt Ion:225 Resp: 273878
Ion Ratio Lower Upper
225 100
223 62.8 0.0 129.6
227 62.4 0.0 132.2





#91
Naphthalene
Concen: 147.662 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

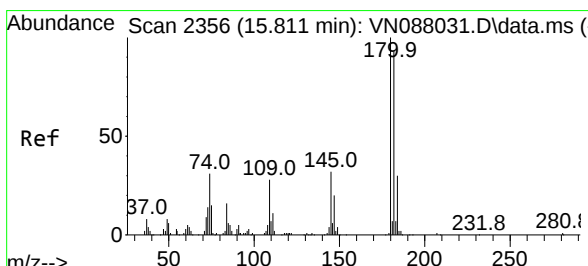
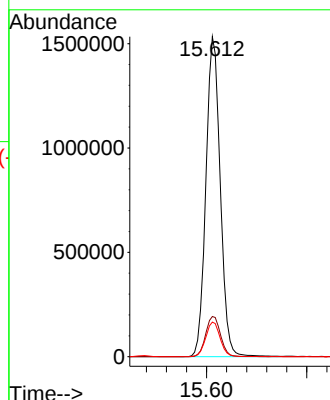
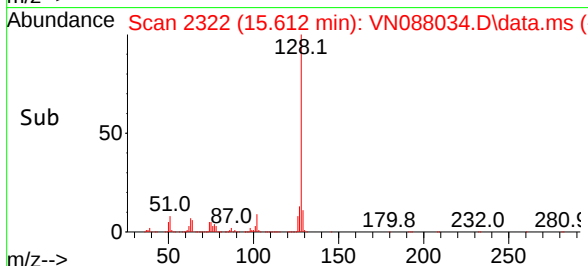
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 304492
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0

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



#92
1,2,3-Trichlorobenzene
Concen: 147.221 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088034.D
Acq: 08 Oct 2025 11:12

Tgt Ion:180 Resp: 829215
Ion Ratio Lower Upper
180 100
182 94.4 0.0 186.6
145 34.8 0.0 68.0

