

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101725\
 Data File : VN088070.D
 Acq On : 17 Oct 2025 16:20
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 01:32:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	59599	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	300675	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	264956	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	156848	33.797	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.667%#			
60) 4-Bromofluorobenzene	12.823	95	129311	29.605	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.667%			
63) Toluene-d8	10.547	98	365740	30.982	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.267%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	50835	14.892	ug/l	95
3) Chloromethane	2.383	50	66374	17.150	ug/l	98
4) Vinyl Chloride	2.536	62	65898	16.330	ug/l	100
5) Bromomethane	2.983	94	46147	21.266	ug/l	98
6) Chloroethane	3.142	64	50735	19.059	ug/l	95
7) Trichlorofluoromethane	3.512	101	95379	17.381	ug/l	99
8) Diethyl Ether	3.965	74	50353	20.308	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	44961	15.305	ug/l	83
10) 1,1-Dichloroethene	4.336	96	50712	16.183	ug/l	99
11) Methyl Iodide	4.583	142	44321	15.346	ug/l	97
12) Methyl Acetate	5.018	43	104143	20.443	ug/l #	87
13) Acrolein	4.177	56	85771	108.798	ug/l #	10
14) Acrylonitrile	5.706	53	222393	90.461	ug/l	99
15) Acetone	4.424	58	58266	80.928	ug/l	91
16) Carbon Disulfide	4.706	76	150130	15.283	ug/l	96
17) Allyl chloride	5.018	41	101364	17.142	ug/l	97
18) Methylene Chloride	5.271	84	70773	17.770	ug/l	98
19) trans-1,2-Dichloroethene	5.777	96	58613	16.178	ug/l #	83
20) Diisopropyl ether	6.659	45	244763	18.182	ug/l	96
21) 1,1-Dichloroethane	6.553	63	124129	17.712	ug/l	95
22) cis-1,2-Dichloroethene	7.471	96	76820	16.938	ug/l	97
23) tert-Butyl Alcohol	5.518	59	77713	78.817	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	248330	18.359	ug/l	98
25) Chloroform	7.947	83	129313	17.881	ug/l	98
26) Cyclohexane	8.235	56	86407	14.881	ug/l #	97
29) 1,1-Dichloropropene	8.347	75	74610	17.311	ug/l	95
30) 2-Butanone	7.471	43	306684	96.482	ug/l	97
31) 2,2-Dichloropropane	7.471	77	92041	16.574	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	99753	18.523	ug/l	97
33) Carbon Tetrachloride	8.341	117	78779	17.464	ug/l	90
34) Benzene	8.588	78	262479	18.361	ug/l	97
35) Methacrylonitrile	7.759	41	71714	21.454	ug/l	97
36) 1,2-Dichloroethane	8.653	62	106280	21.415	ug/l	98
37) Trichloroethene	9.335	130	55500	16.387	ug/l	89
38) Methylcyclohexane	9.582	83	86881	16.324	ug/l	97
39) 1,2-Dichloropropane	9.600	63	72607	20.256	ug/l	97
40) Dibromomethane	9.688	93	52896	20.273	ug/l	92
41) Bromodichloromethane	9.865	83	106013	19.894	ug/l	99
42) Vinyl Acetate	6.588	43	1062580	98.126	ug/l	98

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

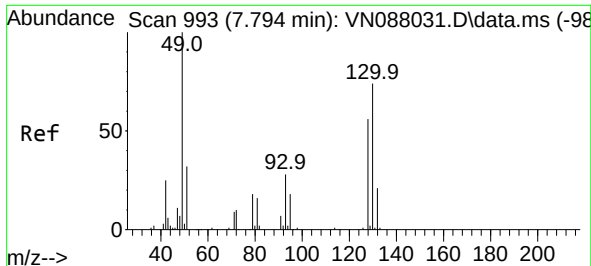
Manual Integrations
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 Supervised By : Mahesh Dadoda 10/20/2025

Quant Time: Oct 18 01:32:42 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	129495	21.193	ug/l	95
44) Isopropyl Acetate	8.671	43	204545	20.496	ug/l	98
45) 1,4-Dioxane	9.682	88	22824	343.862	ug/l #	92
46) Methyl methacrylate	9.659	41	92945	21.148	ug/l	94
47) n-amyl Acetate	12.688	43	109237m	23.093	ug/l	
48) t-1,3-Dichloropropene	10.818	75	110129	18.585	ug/l	95
49) cis-1,3-Dichloropropene	10.288	75	114306	18.493	ug/l	93
50) 1,1,2-Trichloroethane	10.994	97	69396	20.084	ug/l	92
51) Ethyl methacrylate	10.853	69	116299	19.888	ug/l	98
52) 1,3-Dichloropropane	11.141	76	121472	20.150	ug/l	100
53) Dibromochloromethane	11.335	129	75269	18.221	ug/l	98
54) 1,2-Dibromoethane	11.447	107	70696	19.138	ug/l	99
55) 2-Chloroethyl vinyl ether	10.135	63	320858	101.652	ug/l	98
56) Bromoform	12.559	173	48626	17.412	ug/l	98
58) 4-Methyl-2-Pentanone	10.424	43	615794	103.906	ug/l	97
59) 2-Hexanone	11.176	43	398366	101.810	ug/l	98
61) Tetrachloroethene	11.082	164	43607	16.252	ug/l	88
62) Toluene	10.606	91	263452	17.529	ug/l	99
64) Chlorobenzene	11.870	112	163621	17.045	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.935	131	60327	18.236	ug/l	99
66) Ethyl Benzene	11.941	91	274568	16.801	ug/l	99
67) m/p-Xylenes	12.047	106	209916	33.320	ug/l	97
68) o-Xylene	12.376	106	102351	16.320	ug/l	91
69) Styrene	12.388	104	177349	17.094	ug/l	99
70) Isopropylbenzene	12.670	105	253224	16.474	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.912	83	103739	19.906	ug/l	97
72) 1,2,3-Trichloropropane	12.970	75	98165m	20.282	ug/l	
73) Bromobenzene	12.959	156	62103	16.530	ug/l	87
74) n-propylbenzene	13.012	91	311360	16.780	ug/l	98
75) 2-Chlorotoluene	13.100	91	193751	17.077	ug/l	96
76) 1,3,5-Trimethylbenzene	13.147	105	217625	16.667	ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	32577	16.890	ug/l	83
78) 4-Chlorotoluene	13.200	91	198441	17.215	ug/l	94
79) tert-butylbenzene	13.412	119	192870	17.040	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	217380	16.631	ug/l	97
81) sec-Butylbenzene	13.594	105	272706	17.136	ug/l	98
82) p-Isopropyltoluene	13.706	119	228541	16.820	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	118146	16.714	ug/l	92
84) 1,4-Dichlorobenzene	13.788	146	116785	16.020	ug/l	97
85) n-Butylbenzene	14.029	91	215896	17.079	ug/l	98
86) Hexachloroethane	14.306	117	43605	16.020	ug/l	86
87) 1,2-Dichlorobenzene	14.082	146	117280	16.868	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	24122	20.154	ug/l	93
89) 1,2,4-Trichlorobenzene	15.811	180	67590	16.320	ug/l	98
90) Hexachlorobutadiene	15.476	225	23486	16.294	ug/l	96
91) Naphthalene	15.611	128	271710	17.920	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	67590	16.320	ug/l	98

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



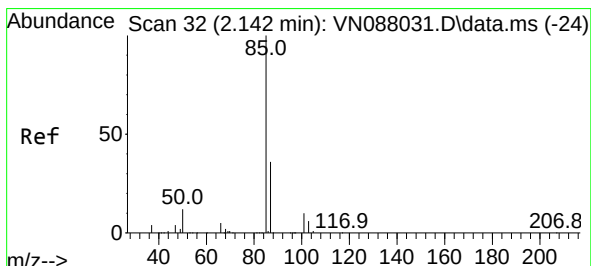
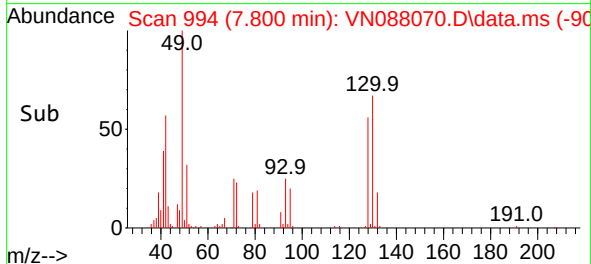
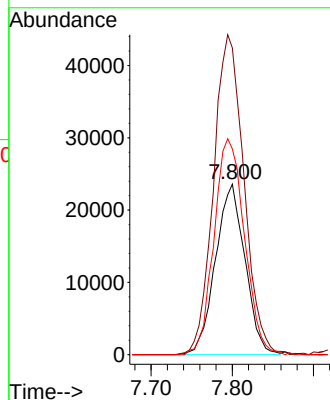
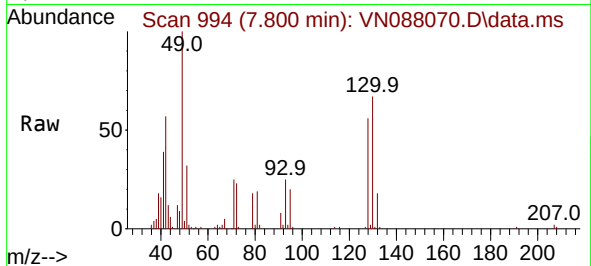
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 5959
Ion Ratio Lower Upper
128 100
49 192.5 0.0 439.8
130 130.5 0.0 325.8

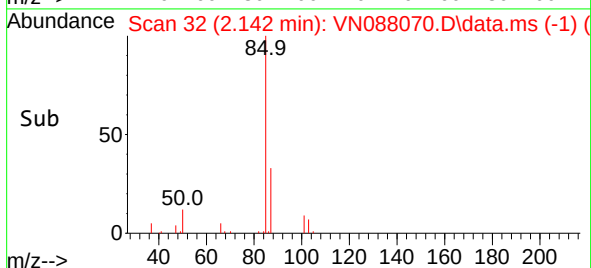
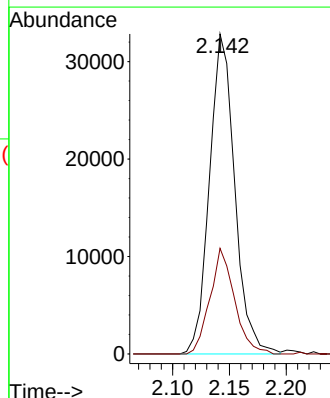
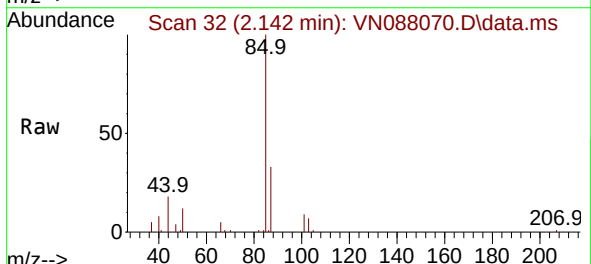
Manual Integrations
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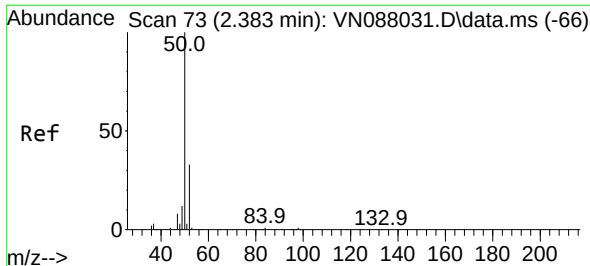
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#2
Dichlorodifluoromethane
Concen: 14.892 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

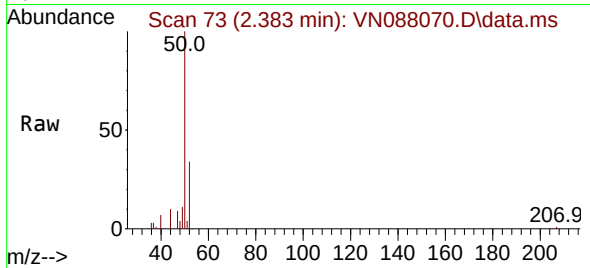
Tgt Ion: 85 Resp: 50835
Ion Ratio Lower Upper
85 100
87 33.0 17.9 53.8





#3
Chloromethane
Concen: 17.150 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

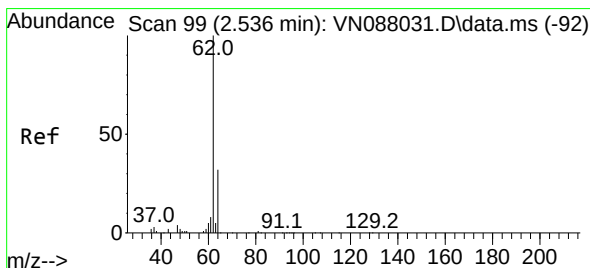
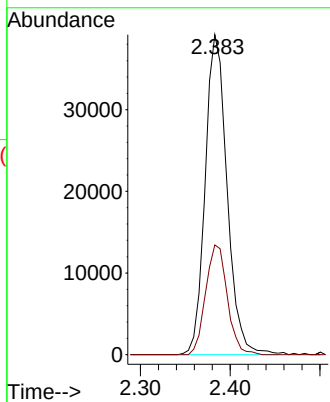
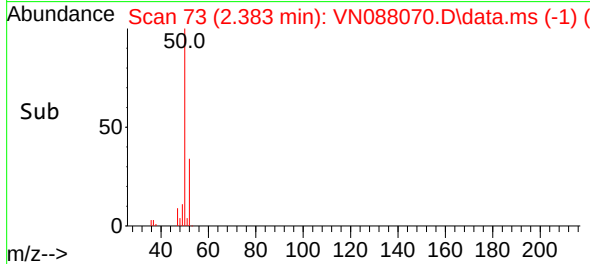
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 66374
Ion Ratio Lower Upper
50 100
52 34.3 26.3 39.5

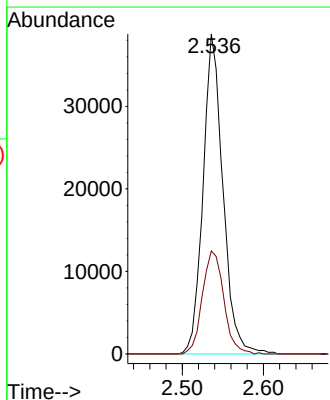
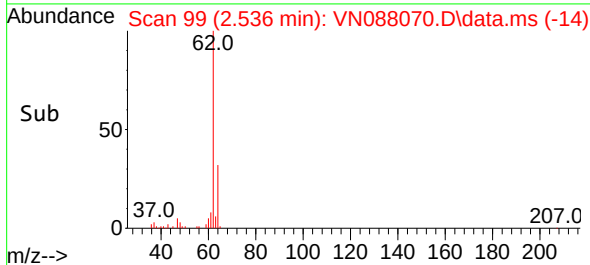
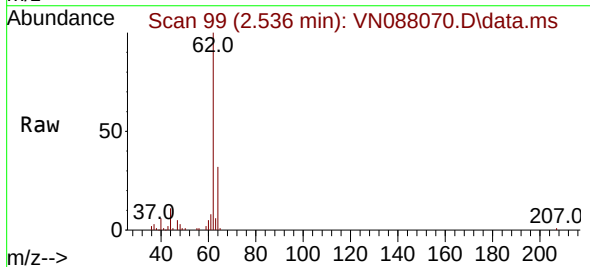
Manual Integrations
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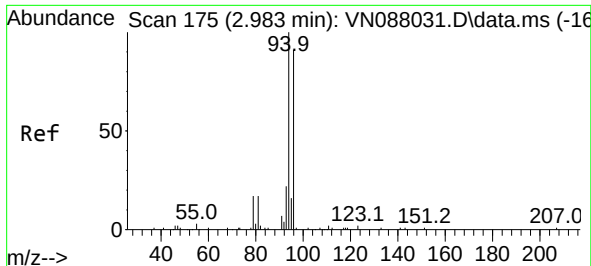
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#4
Vinyl Chloride
Concen: 16.330 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

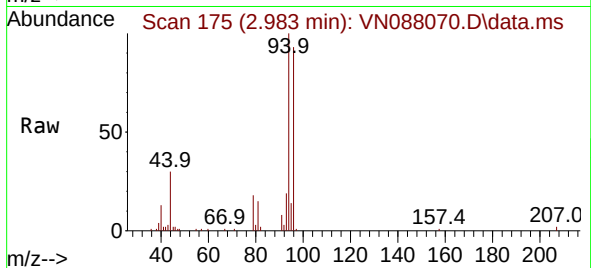
Tgt Ion: 62 Resp: 65898
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5





#5
Bromomethane
Concen: 21.266 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

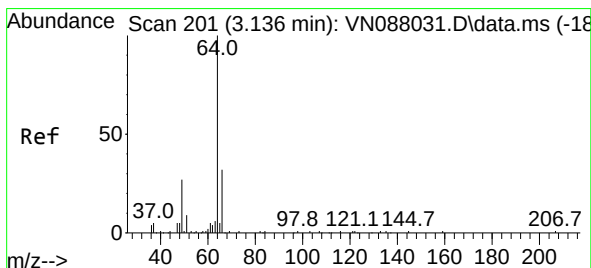
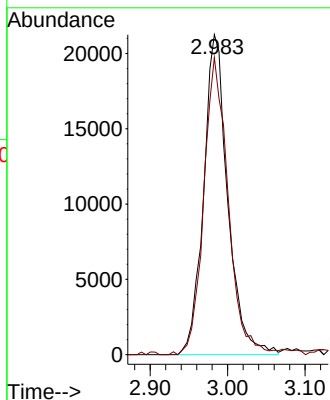
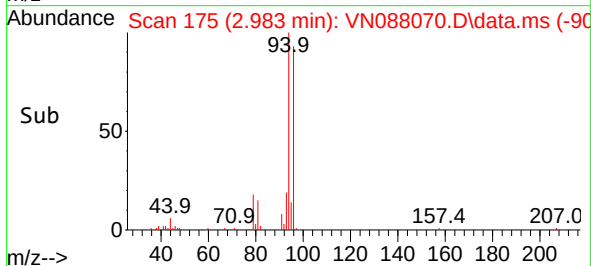
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



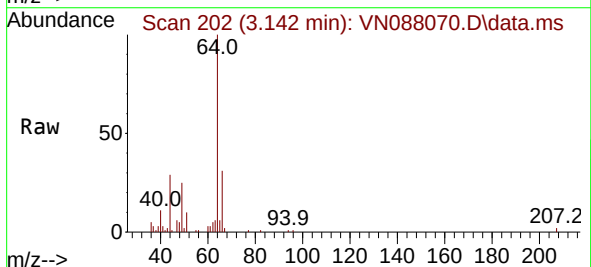
Tgt Ion: 94 Resp: 4614
Ion Ratio Lower Upper
94 100
96 92.9 73.0 109.4

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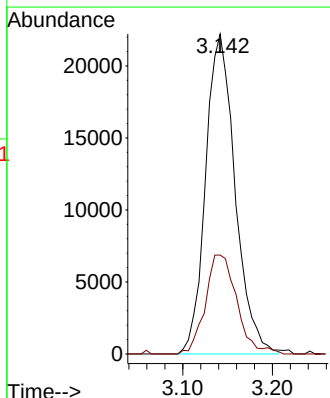
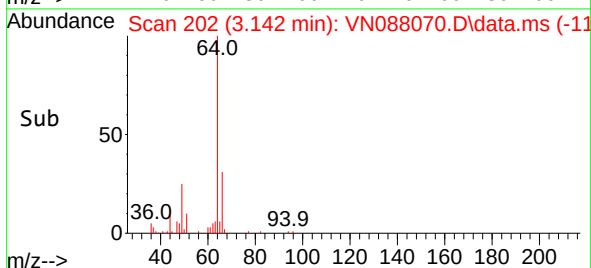
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

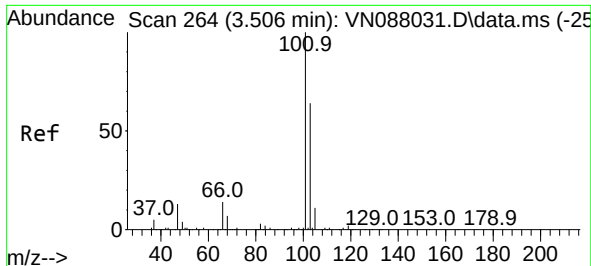


#6
Chloroethane
Concen: 19.059 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20



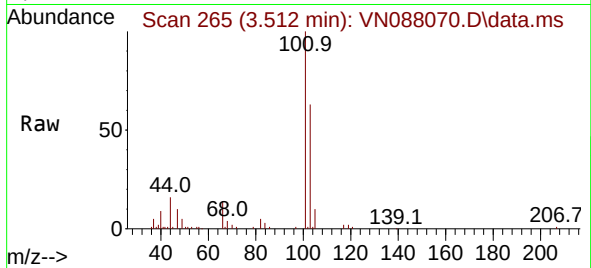
Tgt Ion: 64 Resp: 50735
Ion Ratio Lower Upper
64 100
66 30.9 26.8 40.2





#7
 Trichlorofluoromethane
 Concen: 17.381 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN088070.D
 Acq: 17 Oct 2025 16:20

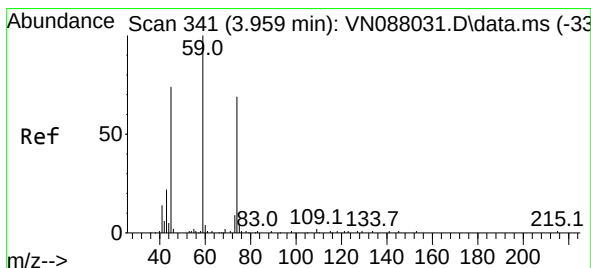
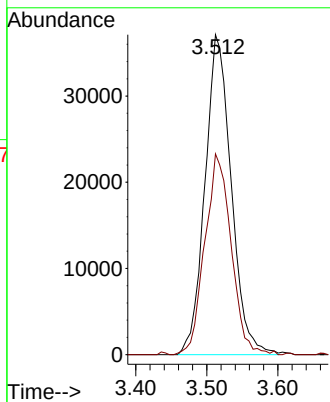
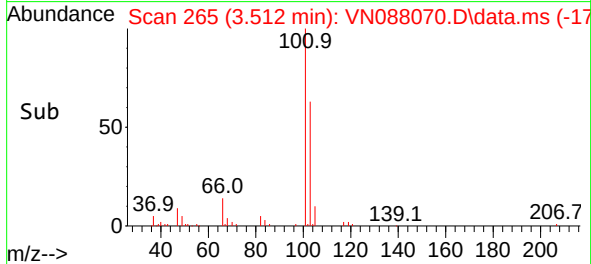
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:101 Resp: 95379
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.0 76.4

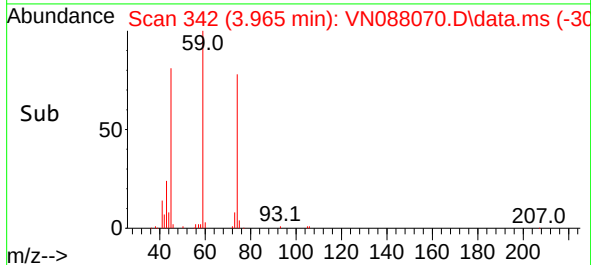
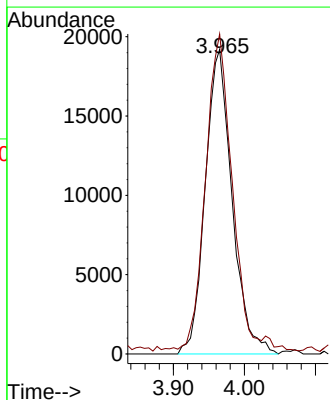
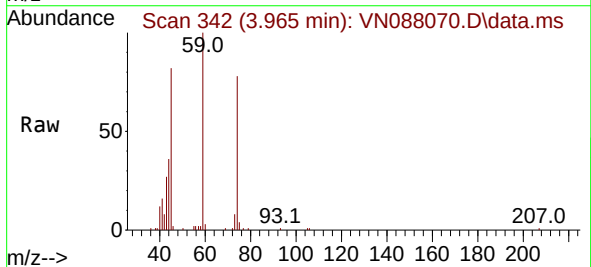
Manual Integrations
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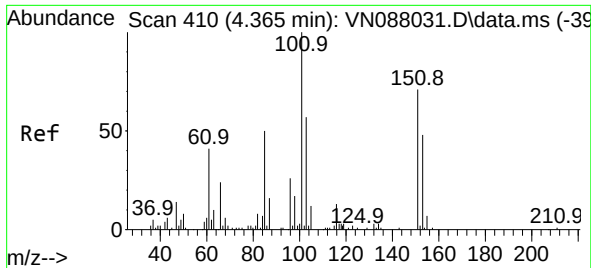
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025



#8
 Diethyl Ether
 Concen: 20.308 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN088070.D
 Acq: 17 Oct 2025 16:20

Tgt Ion: 74 Resp: 50353
 Ion Ratio Lower Upper
 74 100
 45 100.8 20.4 183.8





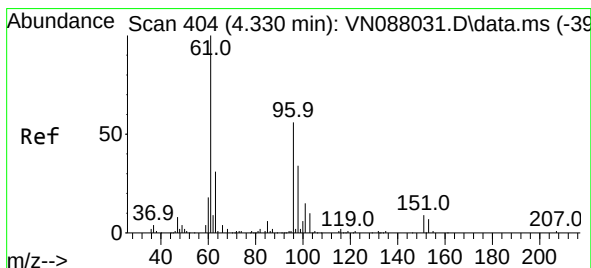
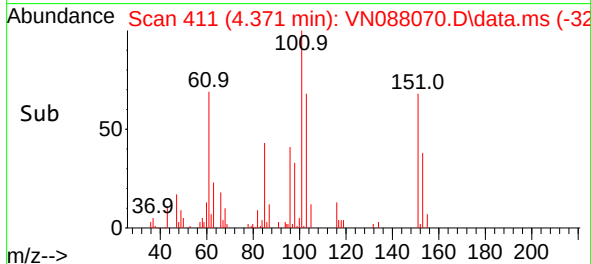
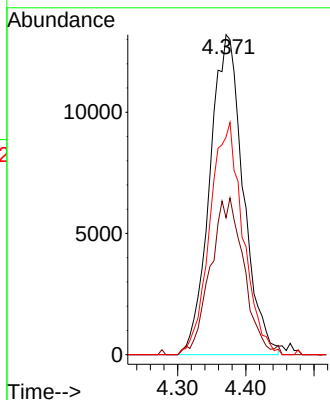
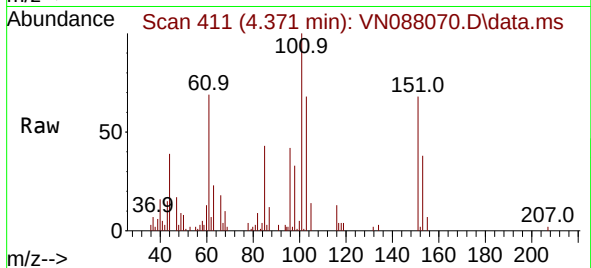
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1,1,2-Trichlorotrifluoroethane
Concen: 15.305 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 4496
Ion Ratio Lower Upper
101 100
85 25.4 0.0 103.2
151 71.9 0.0 141.4

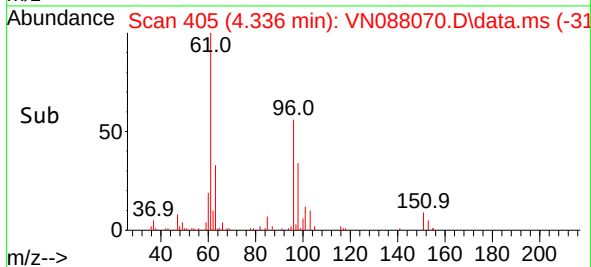
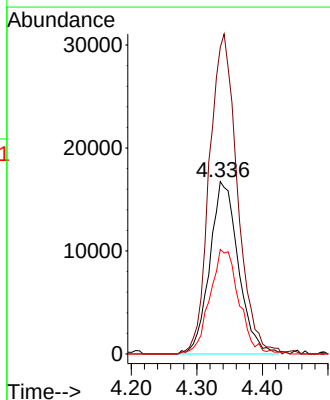
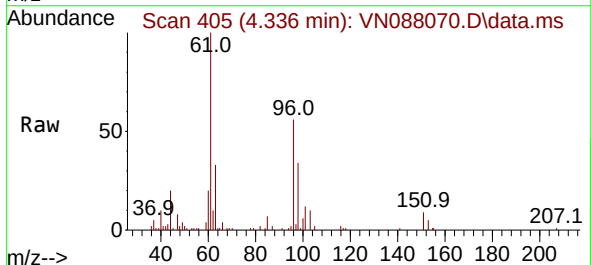
Manual Integrations
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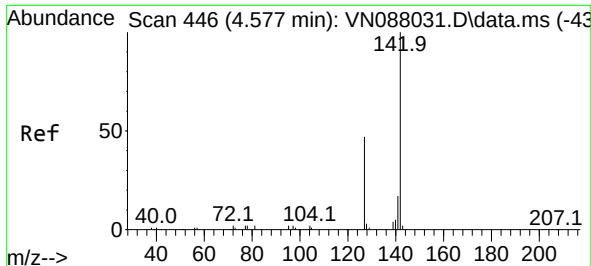
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#10
1,1-Dichloroethene
Concen: 16.183 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

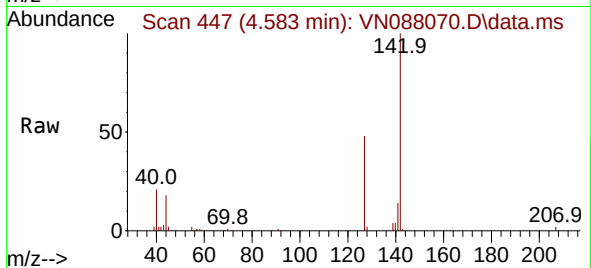
Tgt Ion: 96 Resp: 50712
Ion Ratio Lower Upper
96 100
61 177.8 144.1 216.1
98 60.6 49.0 73.6





#11
Methyl Iodide
Concen: 15.346 ug/l
RT: 4.583 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

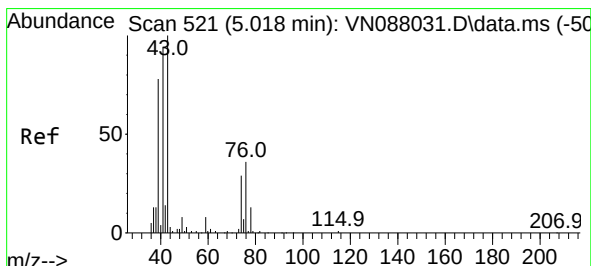
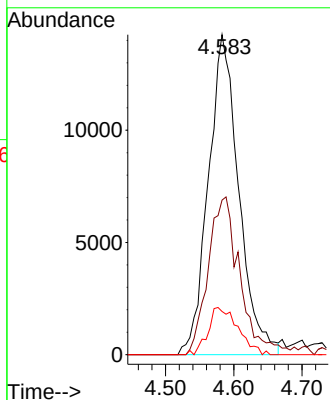
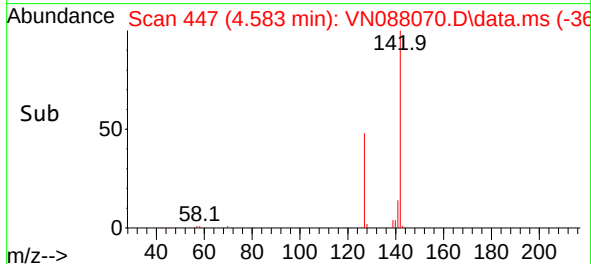
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 4432
Ion Ratio Lower Upper
142 100
127 47.6 23.4 70.3
141 13.8 8.8 26.2

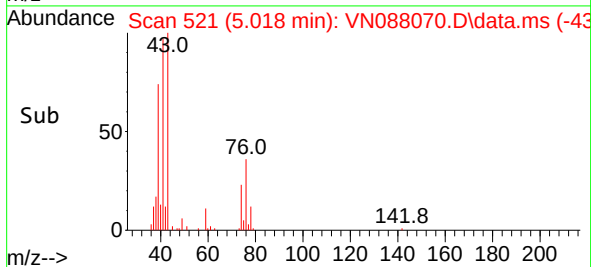
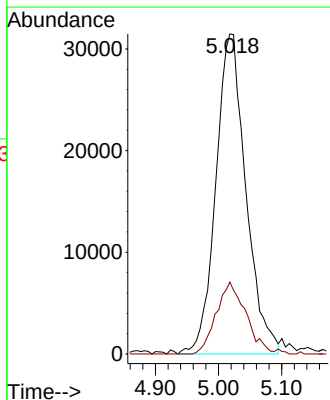
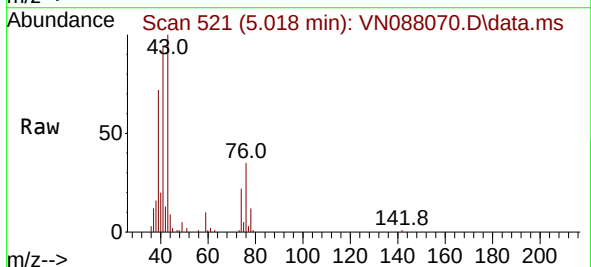
Manual Integrations
APPROVED

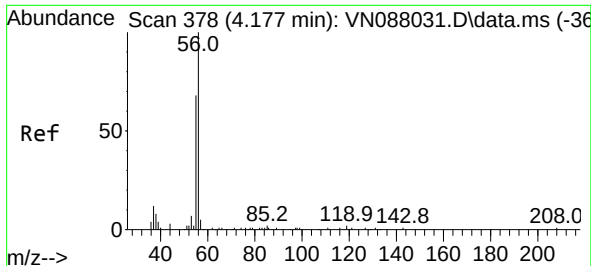
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#12
Methyl Acetate
Concen: 20.443 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

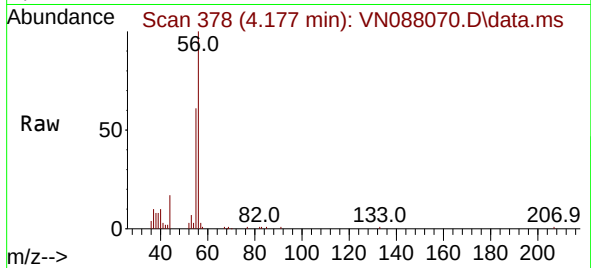
Tgt Ion: 43 Resp: 104143
Ion Ratio Lower Upper
43 100
74 22.0 23.3 34.9#





#13
Acrolein
Concen: 108.798 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

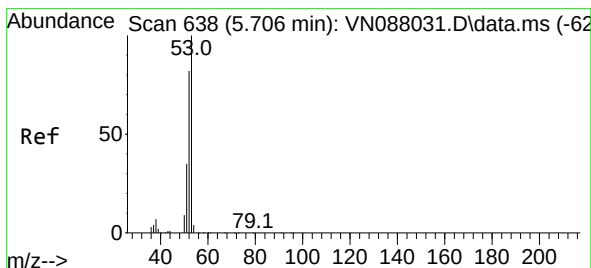
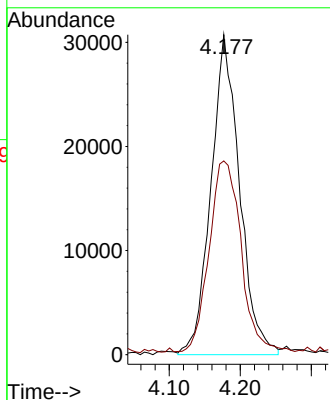
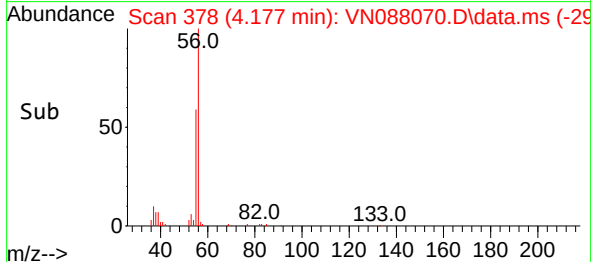
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



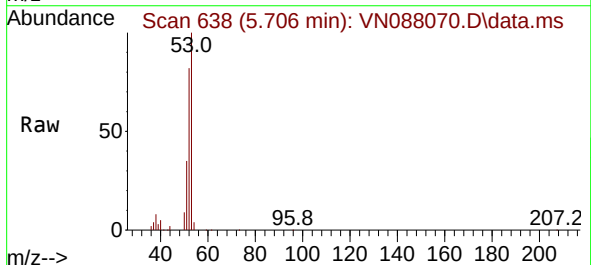
Tgt Ion: 56 Resp: 8577
Ion Ratio Lower Upper
56 100
55 68.4 0.3 0.5

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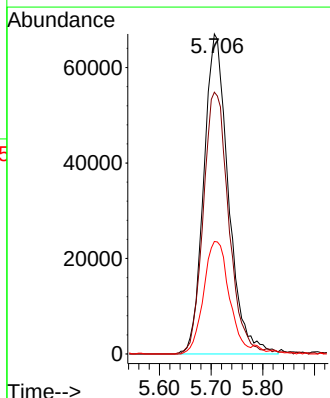
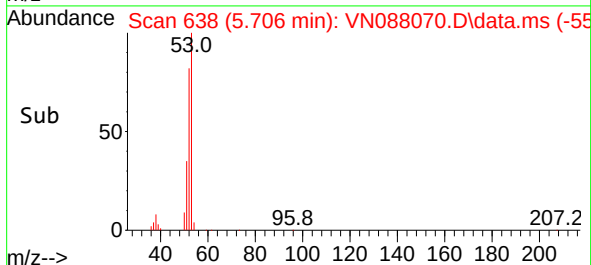
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

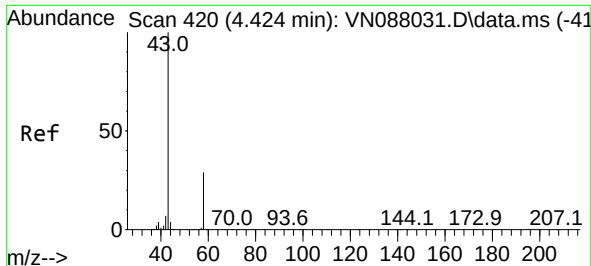


#14
Acrylonitrile
Concen: 90.461 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20



Tgt Ion: 53 Resp: 222393
Ion Ratio Lower Upper
53 100
52 84.0 41.3 124.1
51 36.4 18.0 54.0





#15

Acetone

Concen: 80.928 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN088070.D

Acq: 17 Oct 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 58260

Ion Ratio Lower Upper

58 100

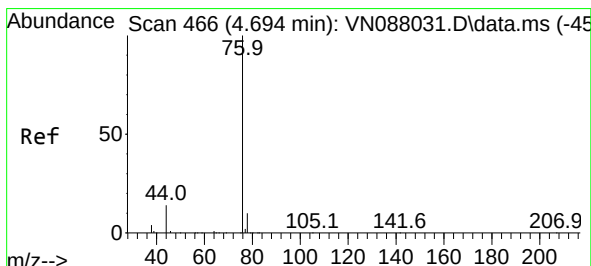
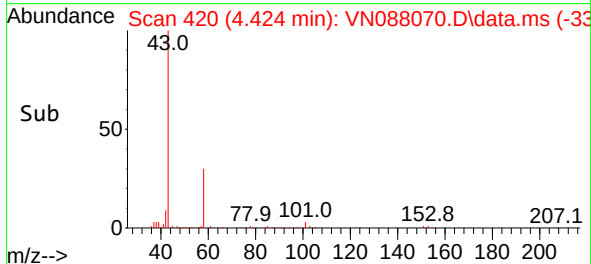
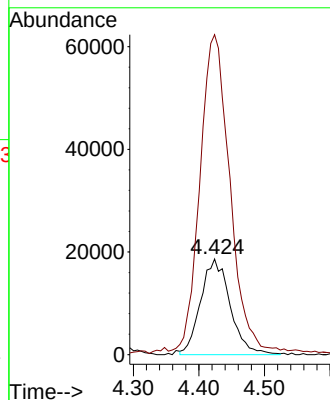
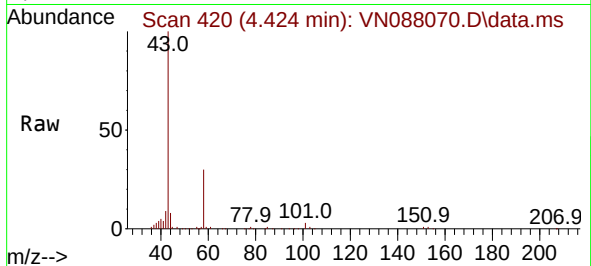
43 333.0 282.6 424.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#16

Carbon Disulfide

Concen: 15.283 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.012 min

Lab File: VN088070.D

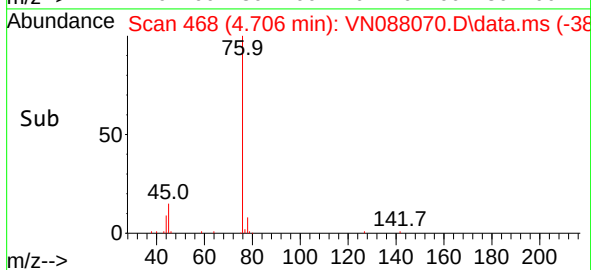
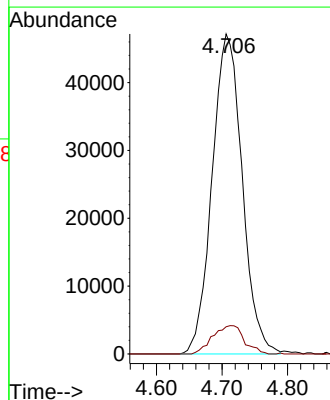
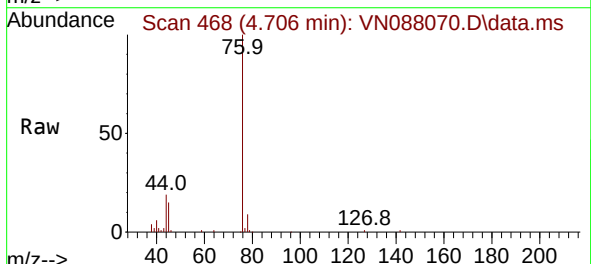
Acq: 17 Oct 2025 16:20

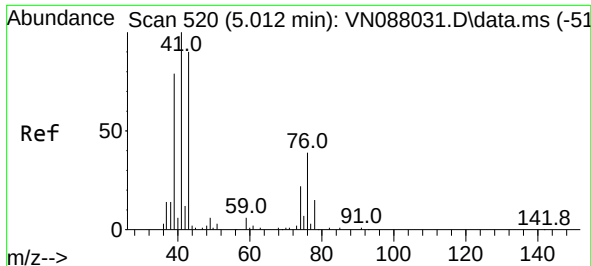
Tgt Ion: 76 Resp: 150130

Ion Ratio Lower Upper

76 100

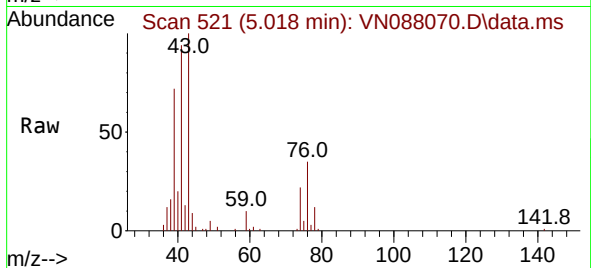
78 8.5 7.8 11.8





#17
 Allyl chloride
 Concen: 17.142 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN088070.D
 Acq: 17 Oct 2025 16:20

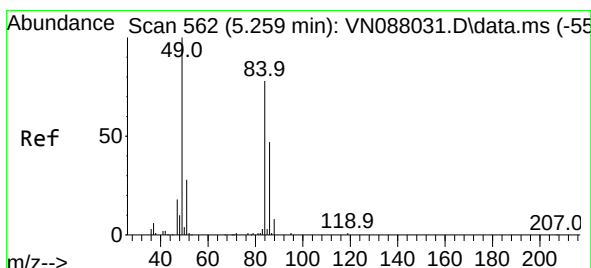
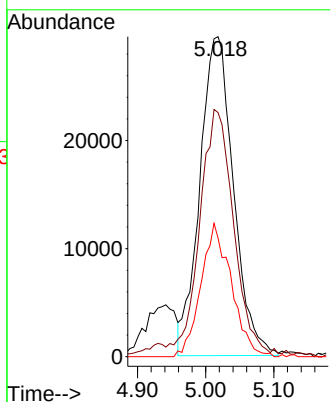
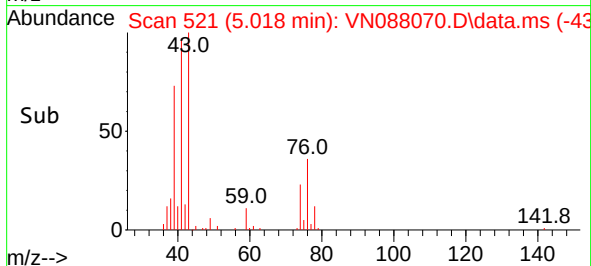
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 101364
 Ion Ratio Lower Upper
 41 100
 39 76.1 36.4 109.2
 76 37.5 18.1 54.1

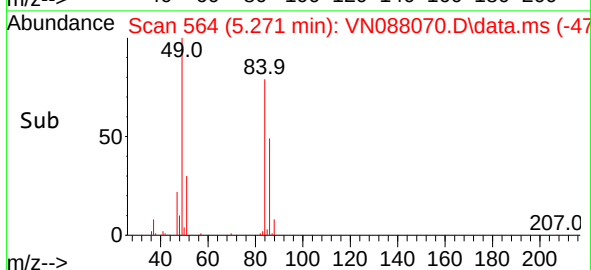
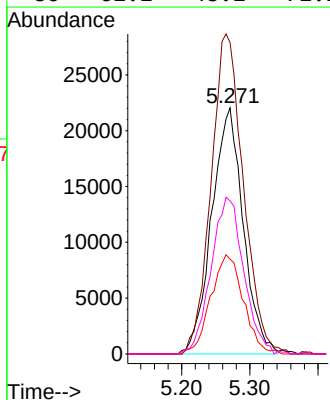
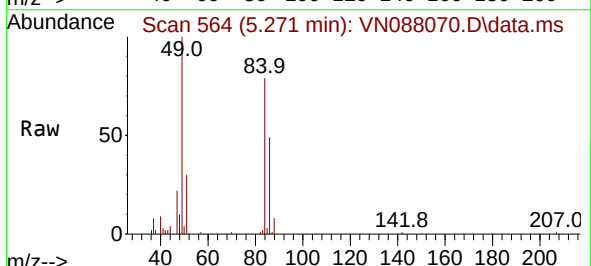
Manual Integrations
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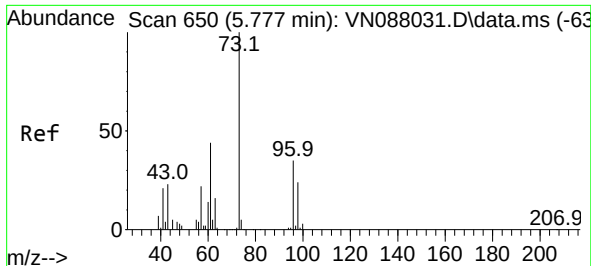
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025



#18
 Methylene Chloride
 Concen: 17.770 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: VN088070.D
 Acq: 17 Oct 2025 16:20

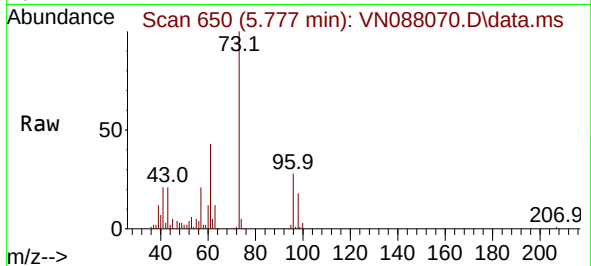
Tgt Ion: 84 Resp: 70773
 Ion Ratio Lower Upper
 84 100
 49 126.6 102.6 153.8
 51 38.5 28.6 42.8
 86 62.2 48.2 72.2





#19
trans-1,2-Dichloroethene
Concen: 16.178 ug/l
RT: 5.777 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

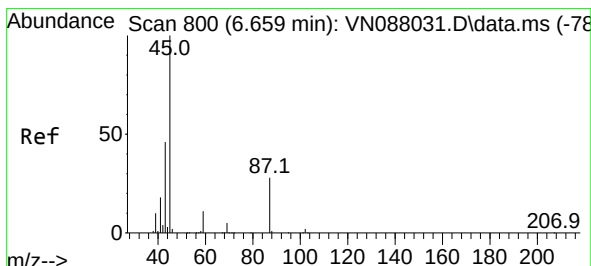
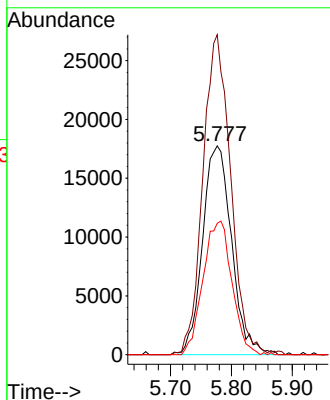
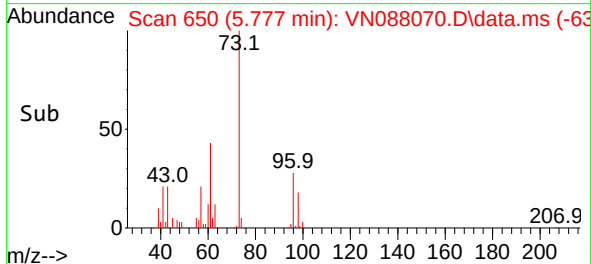
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 5861
Ion Ratio Lower Upper
96 100
61 152.1 100.6 151.0
98 62.9 54.0 81.0

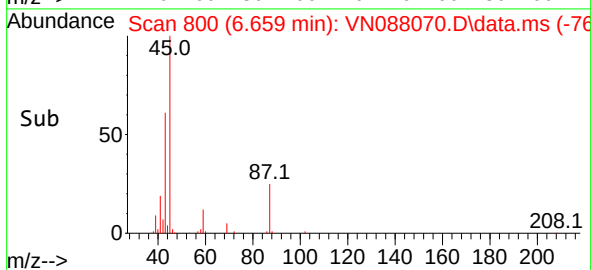
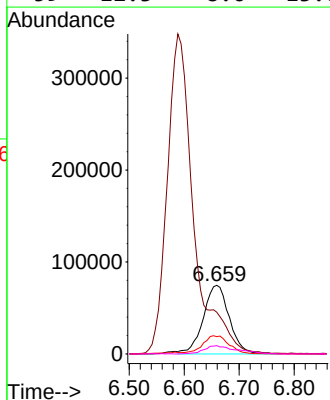
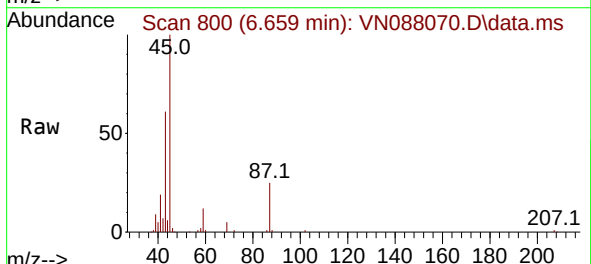
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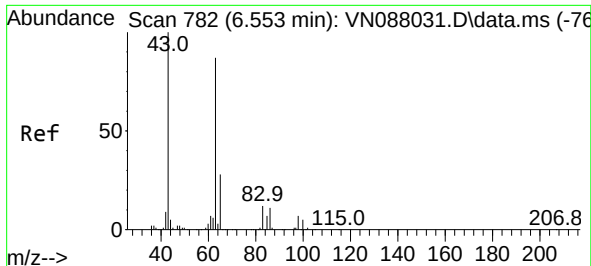
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#20
Diisopropyl ether
Concen: 18.182 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

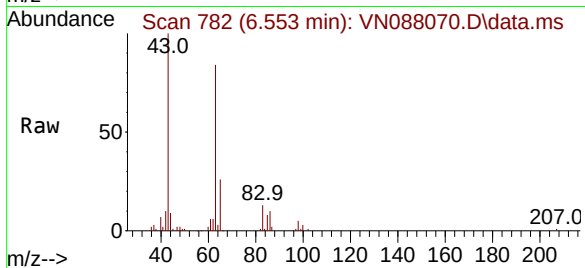
Tgt Ion: 45 Resp: 244763
Ion Ratio Lower Upper
45 100
43 59.9 46.1 69.1
87 25.2 22.3 33.5
59 12.3 8.6 13.0





#21
1,1-Dichloroethane
Concen: 17.712 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

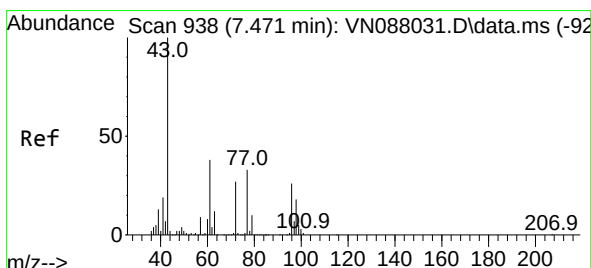
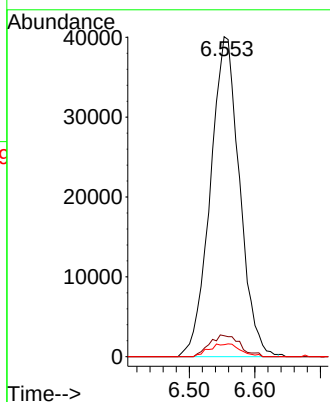
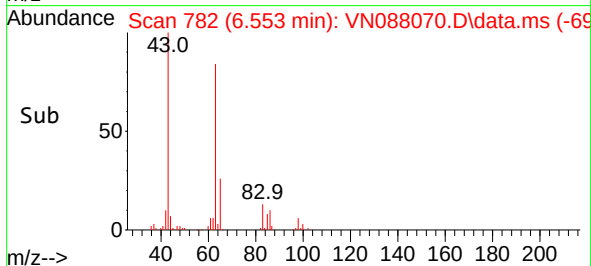
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 124129
Ion Ratio Lower Upper
63 100
98 6.6 4.3 12.8
100 3.7 2.6 8.0

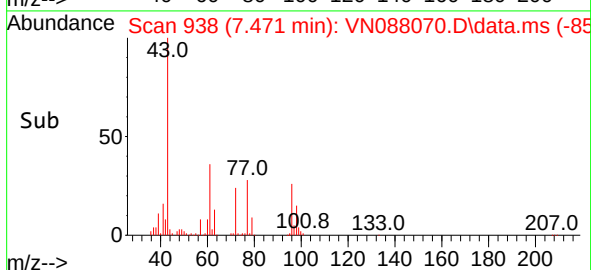
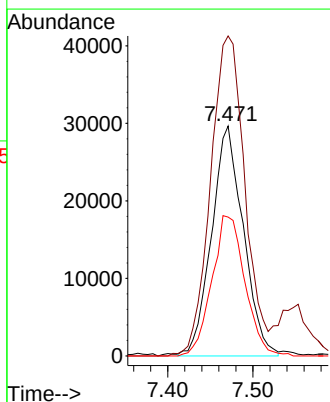
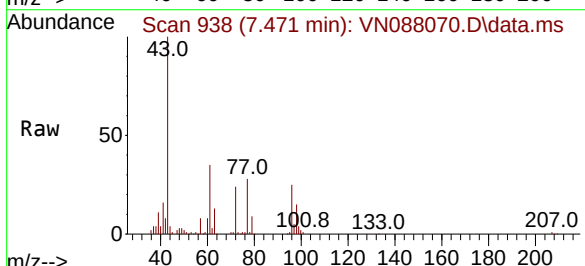
Manual Integrations
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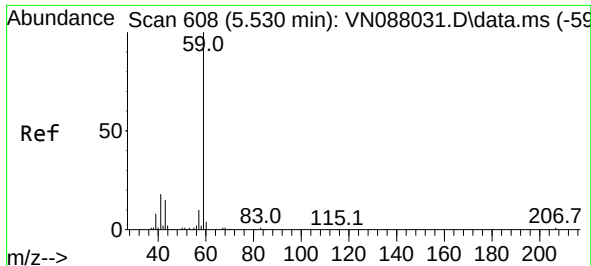
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#22
cis-1,2-Dichloroethene
Concen: 16.938 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

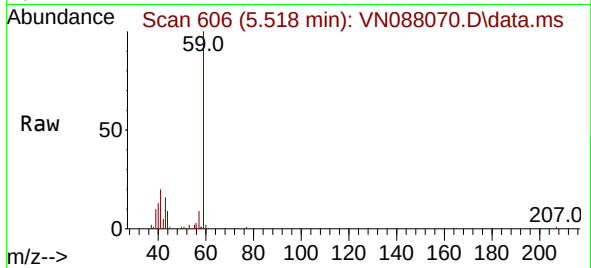
Tgt Ion: 96 Resp: 76820
Ion Ratio Lower Upper
96 100
61 150.0 117.0 175.6
98 63.3 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 78.817 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

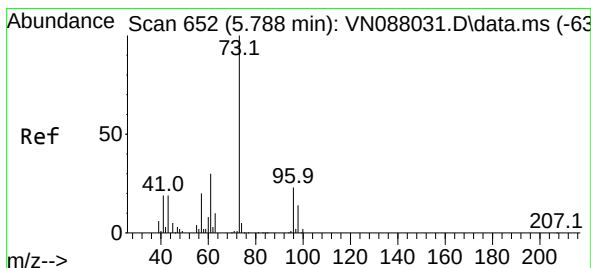
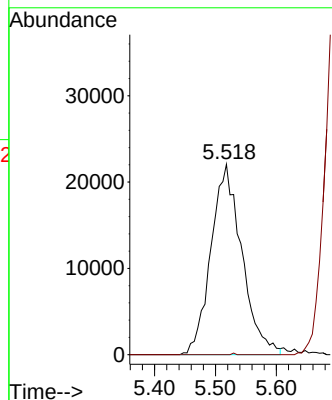
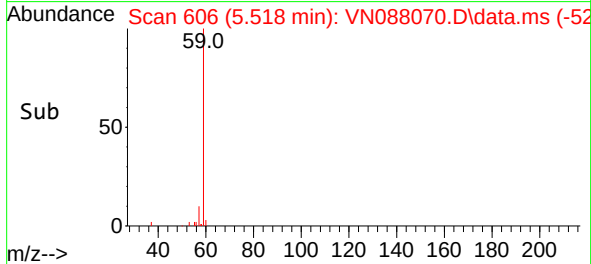
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



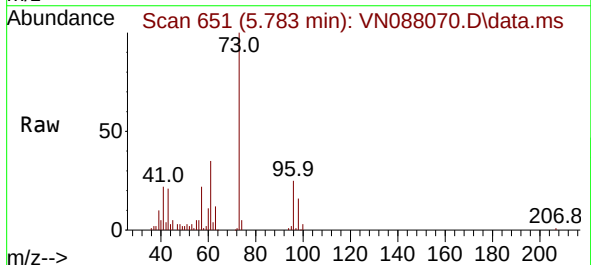
Tgt Ion: 59 Resp: 7771
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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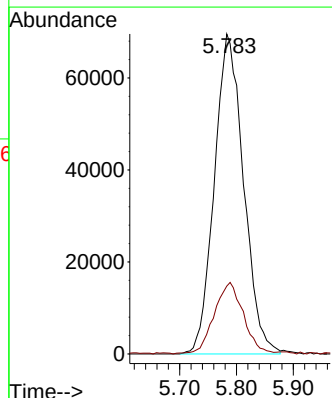
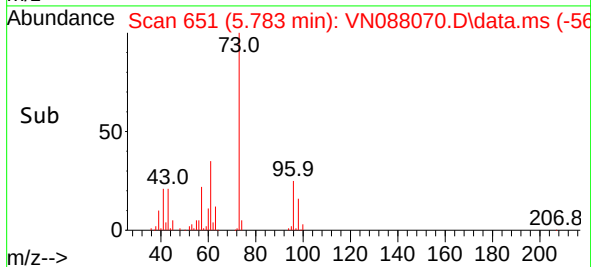
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

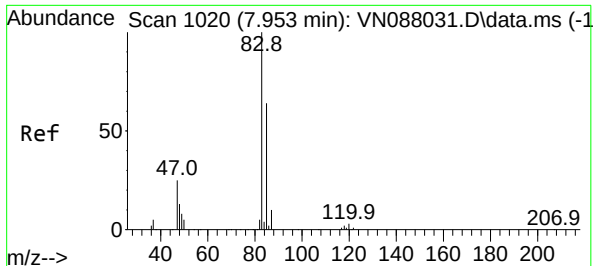


#24
Methyl tert-Butyl Ether
Concen: 18.359 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20



Tgt Ion: 73 Resp: 248330
Ion Ratio Lower Upper
73 100
43 22.4 17.0 25.4





#25

Chloroform

Concen: 17.881 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN088070.D

Acq: 17 Oct 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 12931

Ion Ratio Lower Upper

83 100

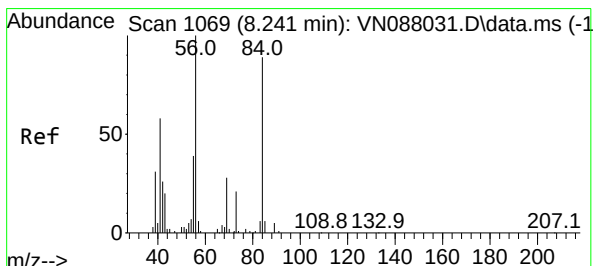
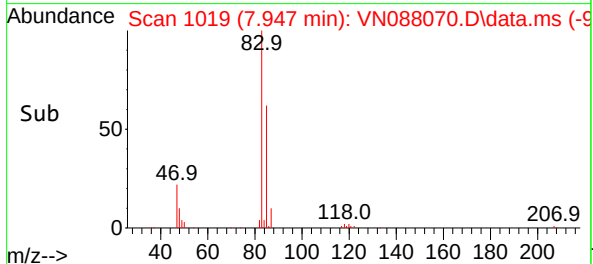
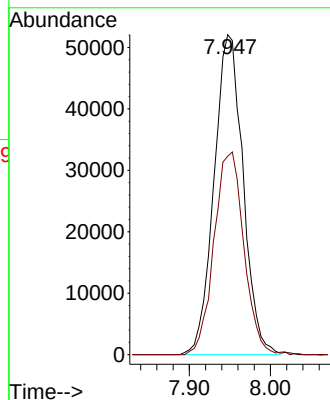
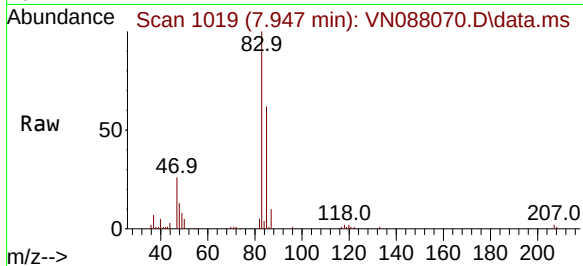
85 62.0 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#26

Cyclohexane

Concen: 14.881 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN088070.D

Acq: 17 Oct 2025 16:20

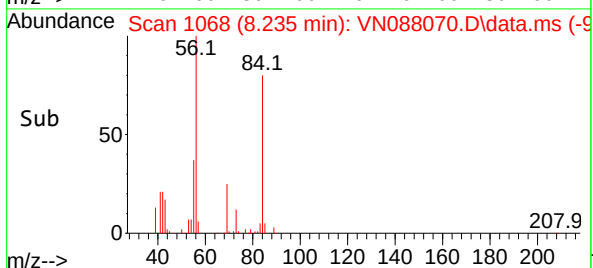
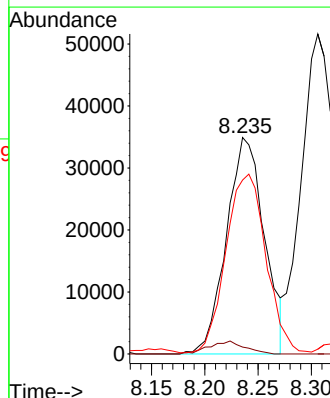
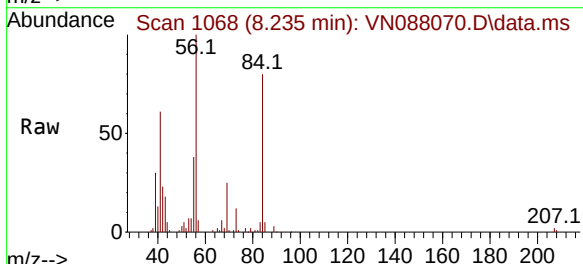
Tgt Ion: 56 Resp: 86407

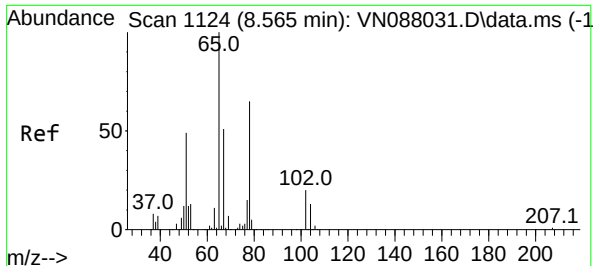
Ion Ratio Lower Upper

56 100

89 5.6 8.6 12.8#

84 88.4 69.6 104.4





#27
1,2-Dichloroethane-d4
Concen: 33.797 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

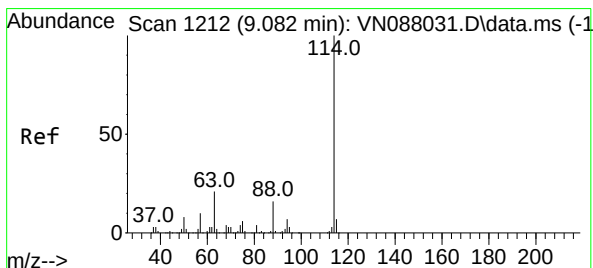
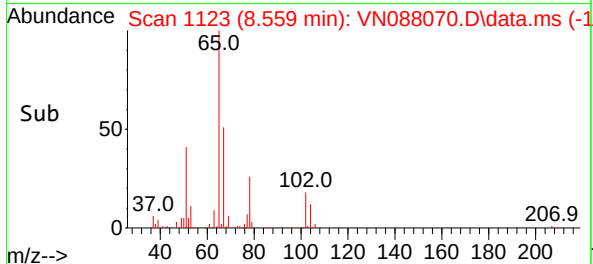
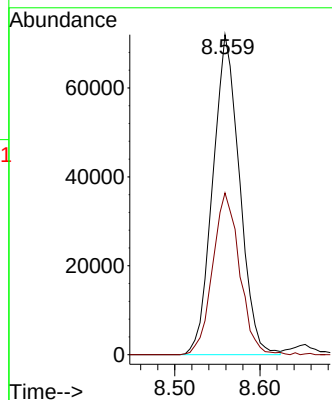
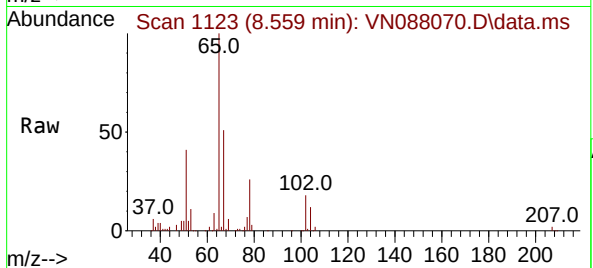
Tgt Ion: 65 Resp: 15684
Ion Ratio Lower Upper
65 100
67 50.7 41.9 62.9

Manual Integrations

APPROVED

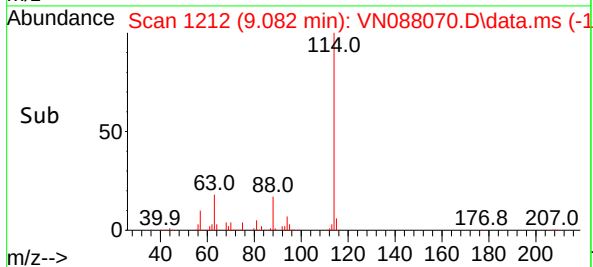
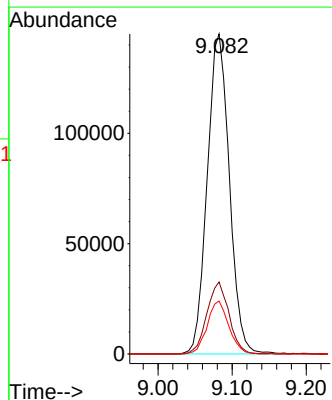
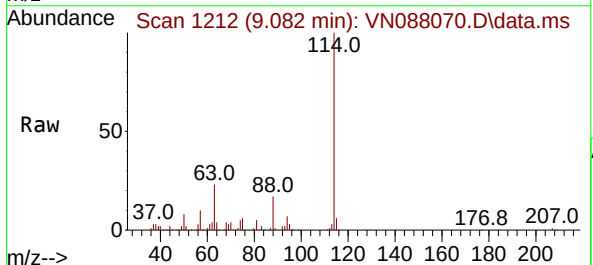
Reviewed By :John Carlone 10/20/2025

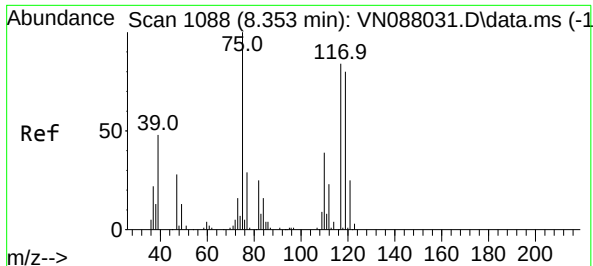
Supervised By :Mahesh Dadoda 10/20/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

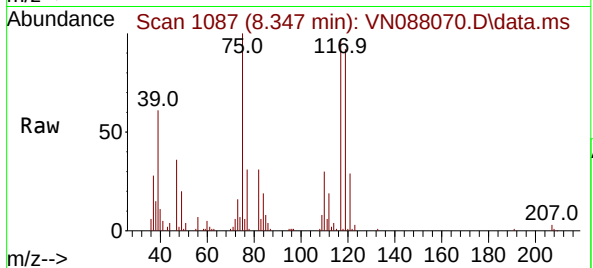
Tgt Ion:114 Resp: 300675
Ion Ratio Lower Upper
114 100
63 22.4 16.6 25.0
88 16.2 12.6 18.8





#29
1,1-Dichloropropene
Concen: 17.311 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

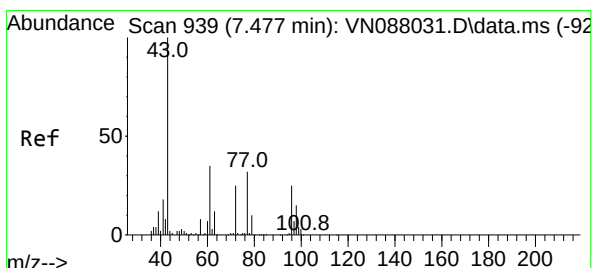
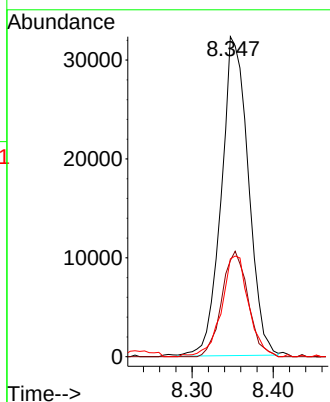
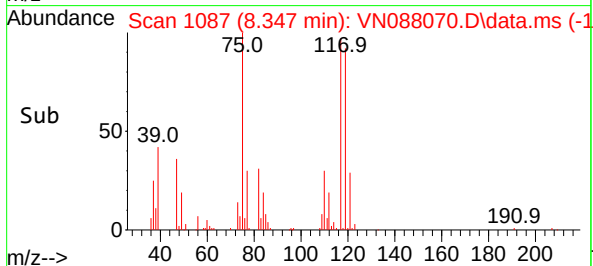
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 74610
Ion Ratio Lower Upper
75 100
110 32.1 0.0 72.2
77 31.5 0.0 60.6

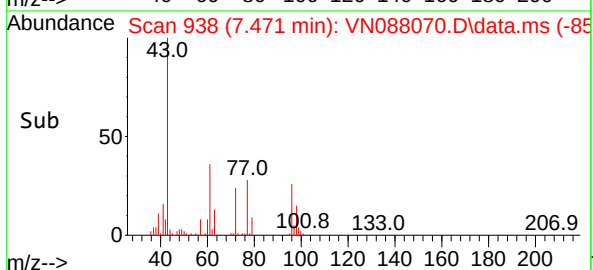
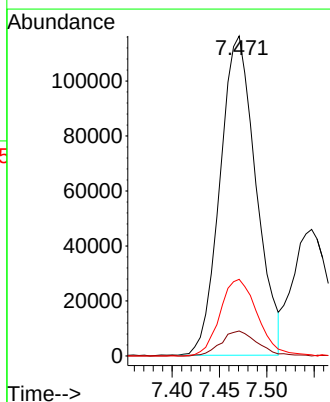
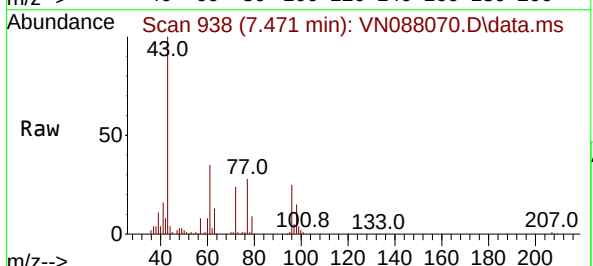
Manual Integrations
APPROVED

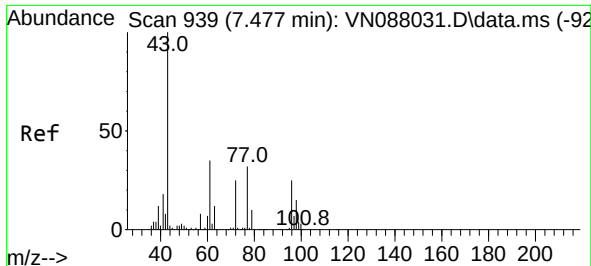
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#30
2-Butanone
Concen: 96.482 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Tgt Ion: 43 Resp: 306684
Ion Ratio Lower Upper
43 100
57 8.0 6.5 9.7
72 25.1 21.4 32.2





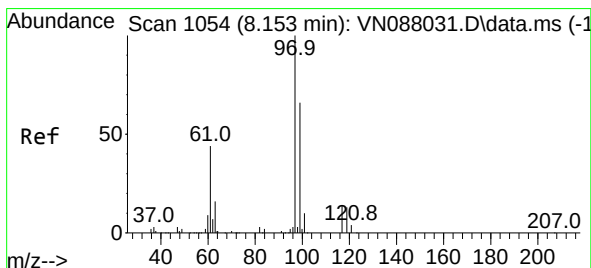
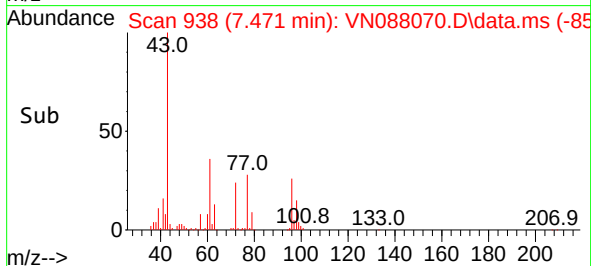
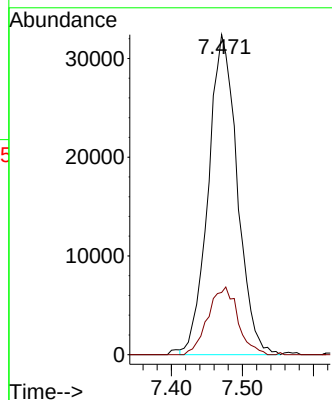
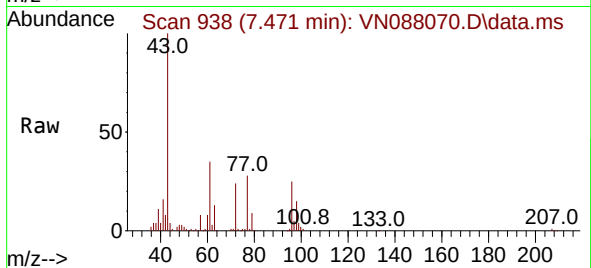
#31
2,2-Dichloropropane
Concen: 16.574 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 9204
Ion Ratio Lower Upper
77 100
97 21.7 17.8 26.8

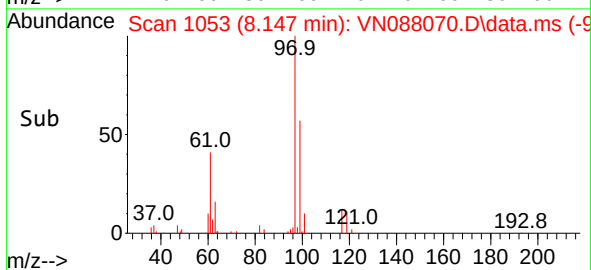
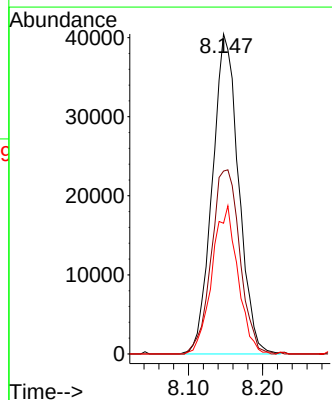
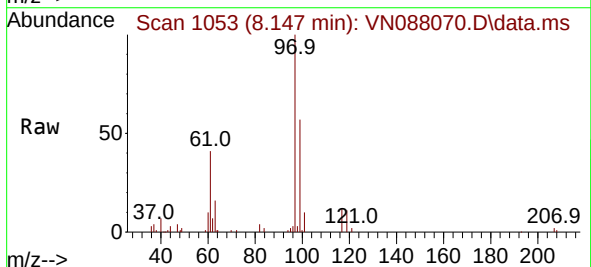
Manual Integrations
APPROVED

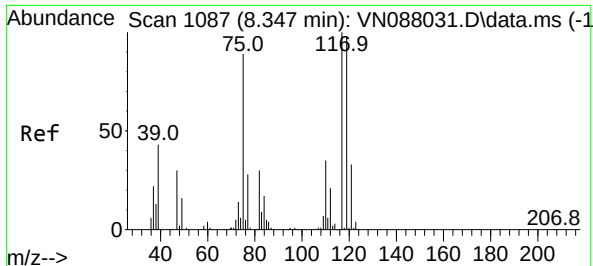
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#32
1,1,1-Trichloroethane
Concen: 18.523 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

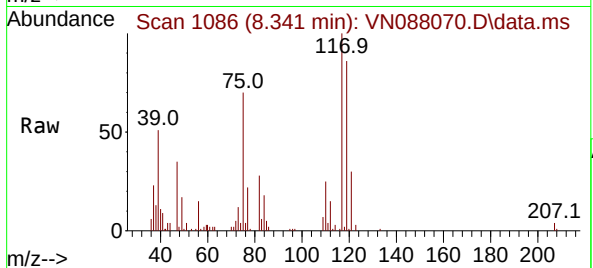
Tgt Ion: 97 Resp: 99753
Ion Ratio Lower Upper
97 100
99 62.3 51.4 77.2
61 45.4 34.7 52.1





#33
Carbon Tetrachloride
Concen: 17.464 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

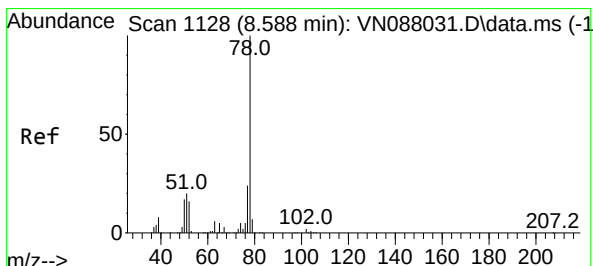
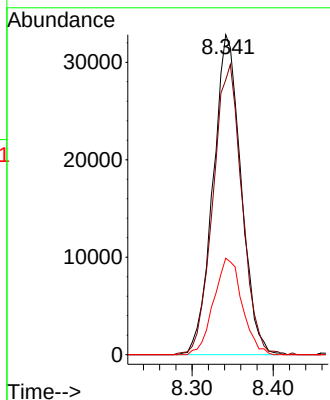
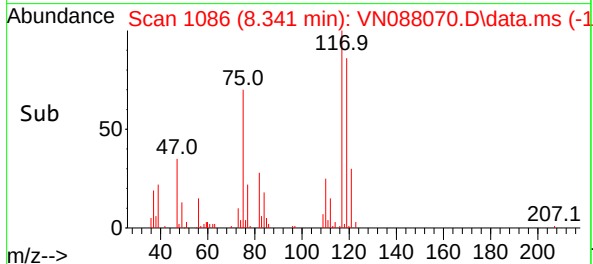
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 78779
Ion Ratio Lower Upper
117 100
119 85.4 77.9 116.9
121 30.1 26.4 39.6

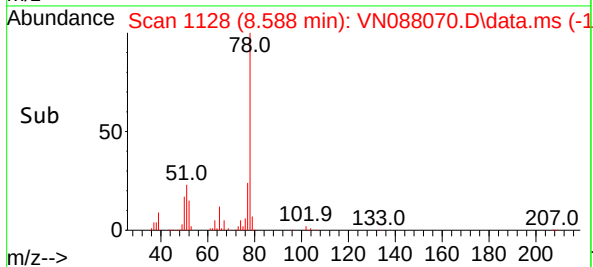
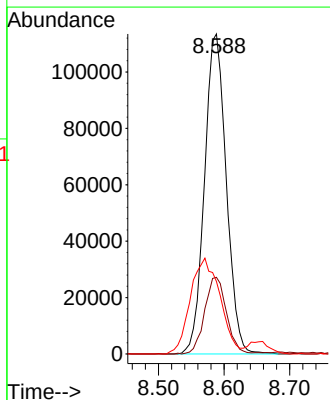
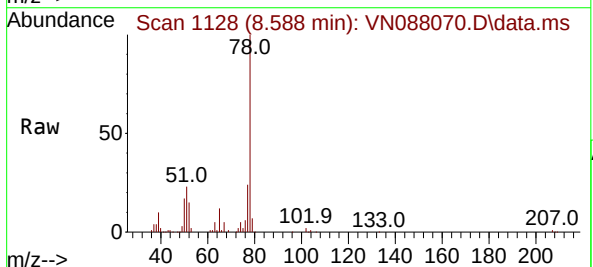
Manual Integrations
APPROVED

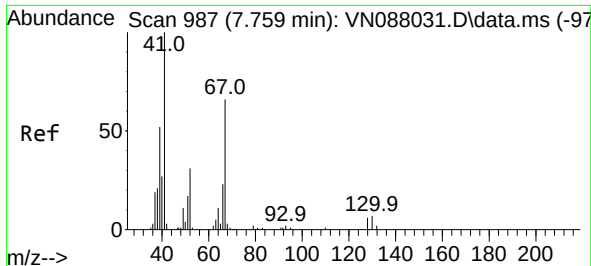
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#34
Benzene
Concen: 18.361 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Tgt Ion: 78 Resp: 262479
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3
51 22.0 15.6 23.4





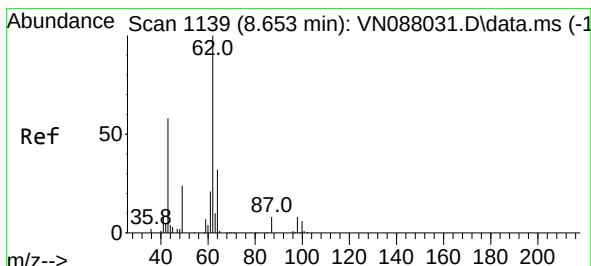
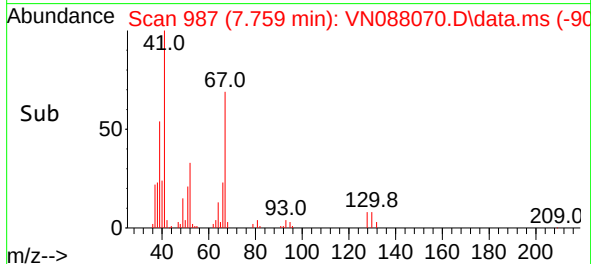
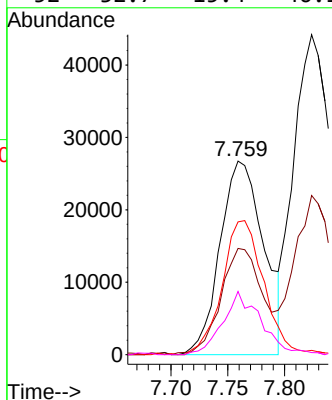
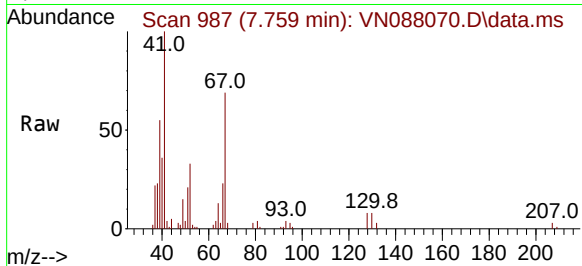
#35
Methacrylonitrile
Concen: 21.454 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	41	Resp:	71714
Ion	Ratio	Lower	Upper
41	100		
39	53.9	26.1	78.3
67	68.6	33.1	99.2
52	32.7	15.4	46.1

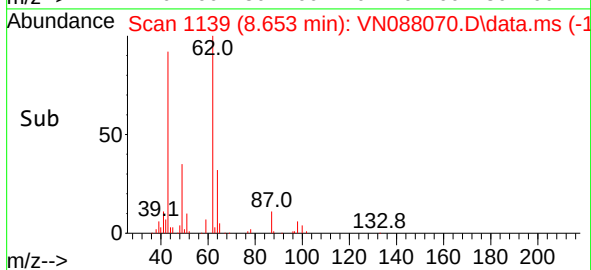
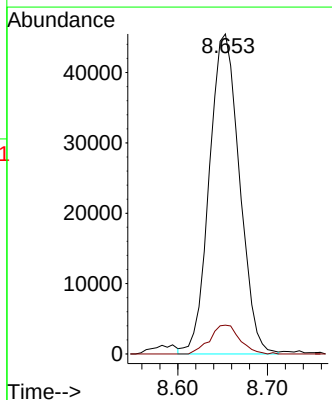
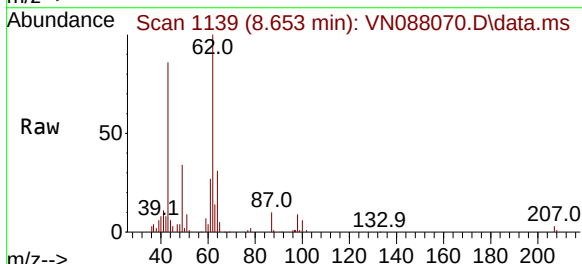
Manual Integrations
APPROVED

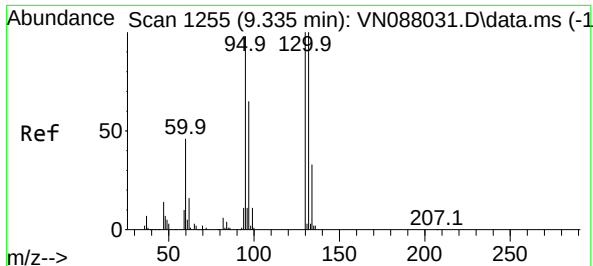
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#36
1,2-Dichloroethane
Concen: 21.415 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Tgt Ion:	62	Resp:	106280
Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.8	11.6





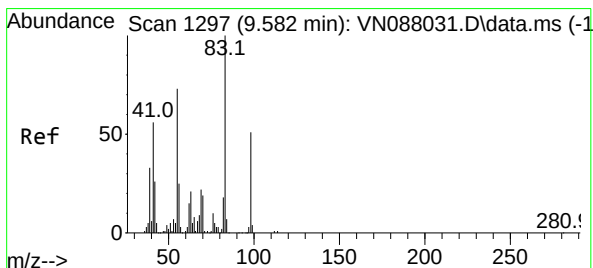
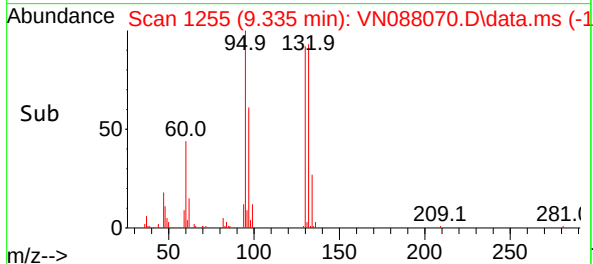
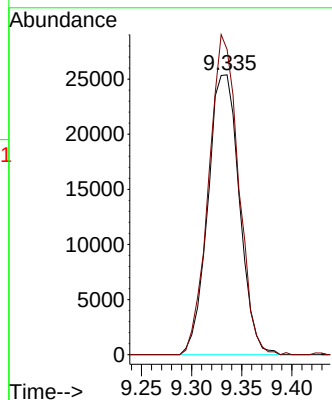
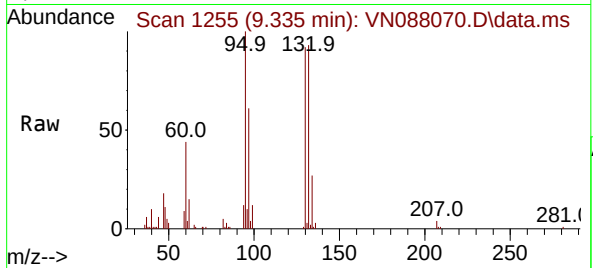
#37
Trichloroethene
Concen: 16.387 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:130 Resp: 55500
Ion Ratio Lower Upper
130 100
95 109.1 78.7 118.1

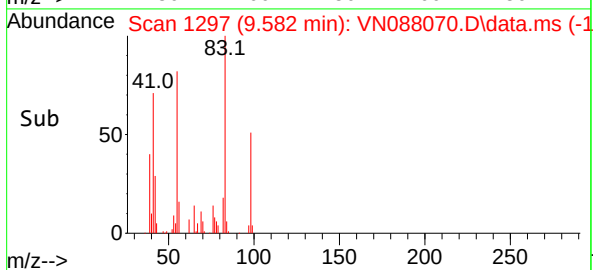
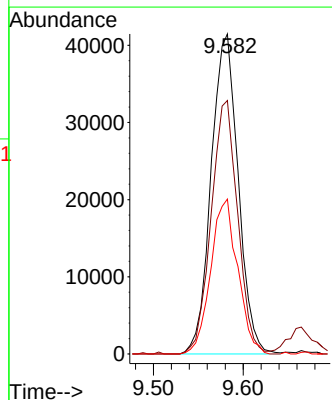
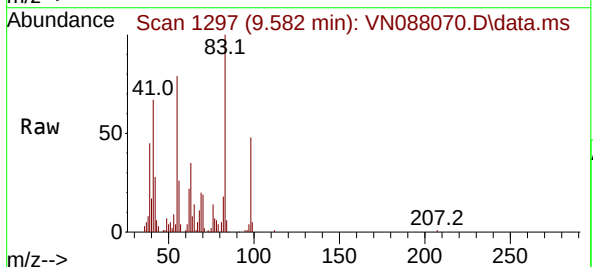
Manual Integrations
APPROVED

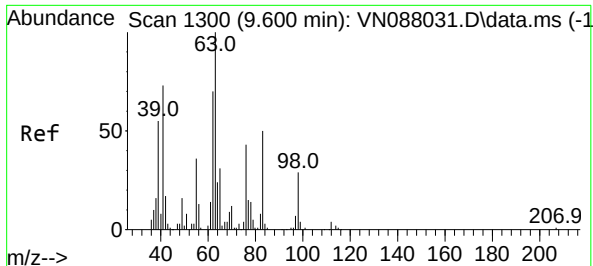
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#38
Methylcyclohexane
Concen: 16.324 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Tgt Ion: 83 Resp: 86881
Ion Ratio Lower Upper
83 100
55 77.6 37.3 111.9
98 48.4 25.4 76.0





#39

1,2-Dichloropropane

Concen: 20.256 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088070.D

Acq: 17 Oct 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 7260

Ion Ratio Lower Upper

63 100

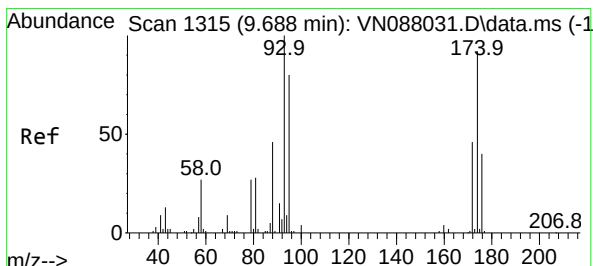
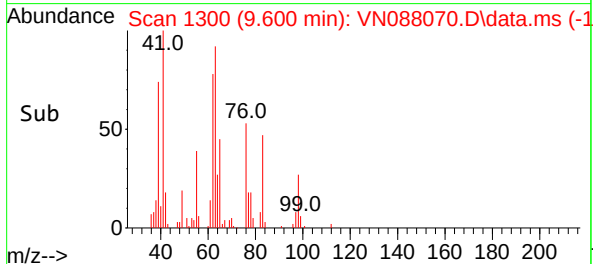
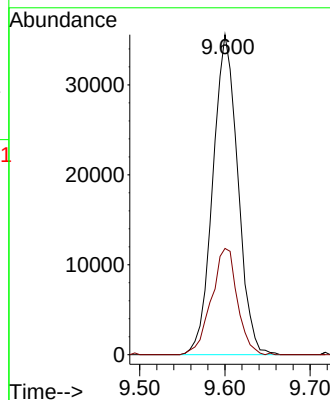
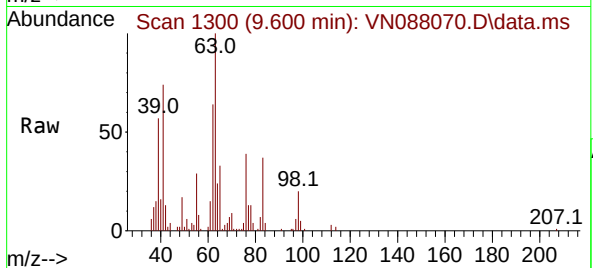
65 33.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#40

Dibromomethane

Concen: 20.273 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088070.D

Acq: 17 Oct 2025 16:20

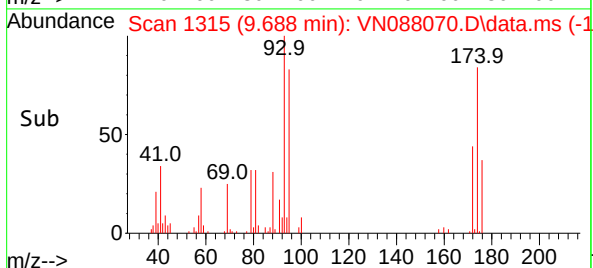
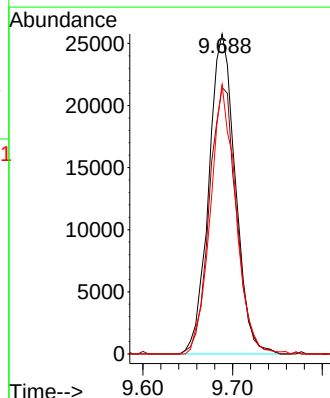
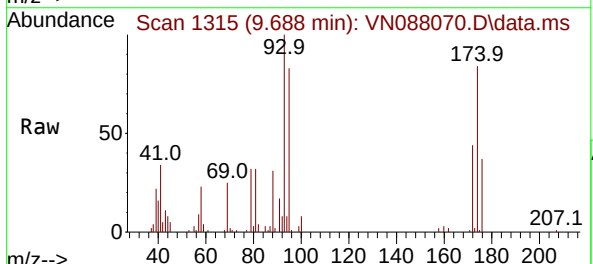
Tgt Ion: 93 Resp: 52896

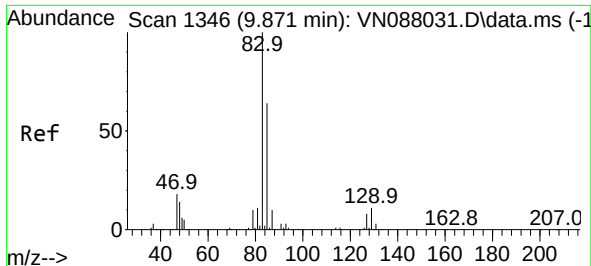
Ion Ratio Lower Upper

93 100

95 85.1 0.0 158.6

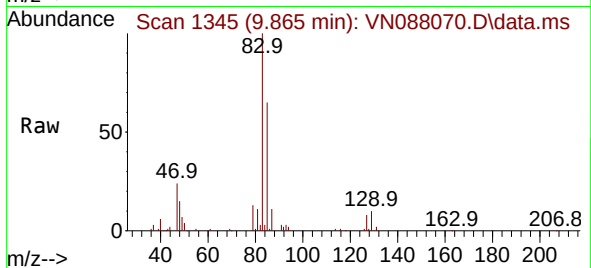
174 80.9 0.0 180.8





#41
Bromodichloromethane
Concen: 19.894 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

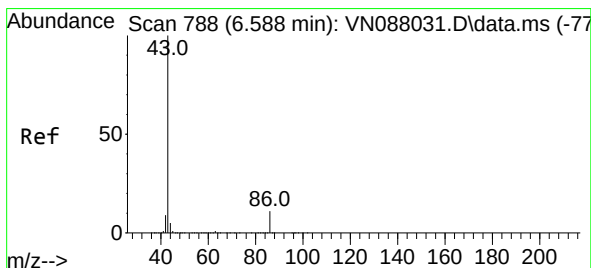
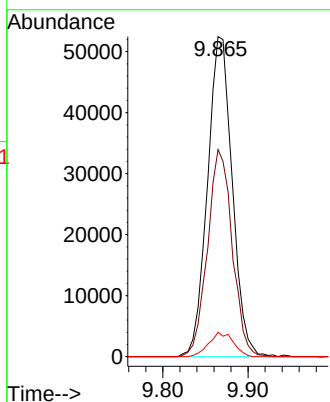
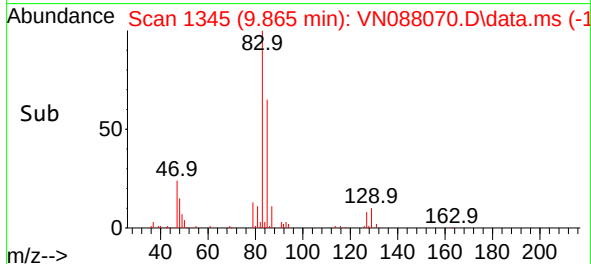
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 106011
Ion Ratio Lower Upper
83 100
85 64.7 51.0 76.4
127 7.7 6.1 9.1

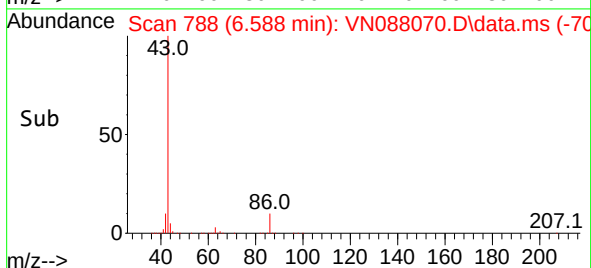
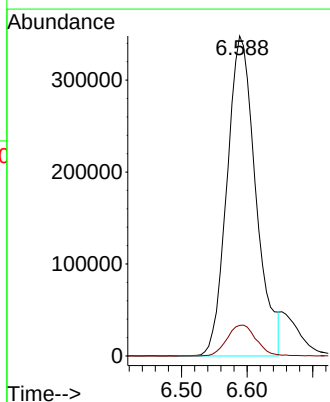
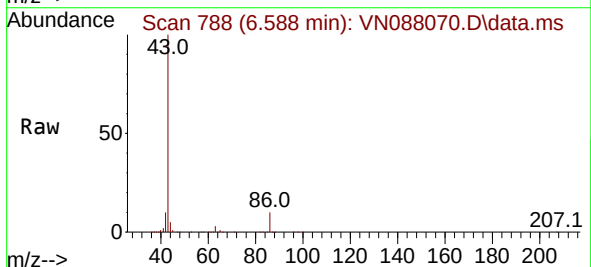
Manual Integrations
APPROVED

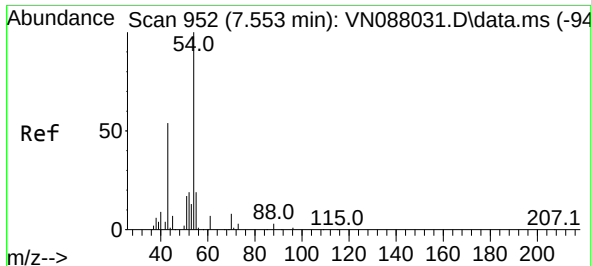
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#42
Vinyl Acetate
Concen: 98.126 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

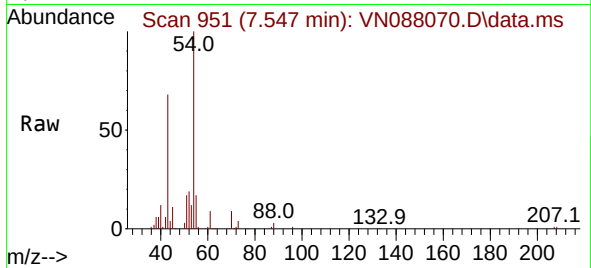
Tgt Ion: 43 Resp: 1062580
Ion Ratio Lower Upper
43 100
86 9.8 8.4 12.6





#43
Ethyl Acetate
Concen: 21.193 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

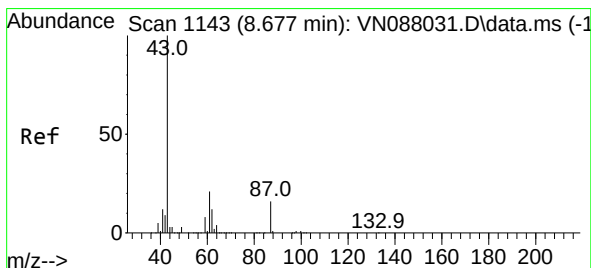
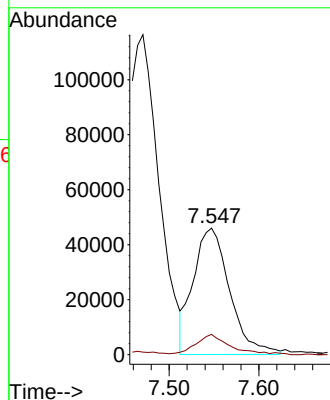
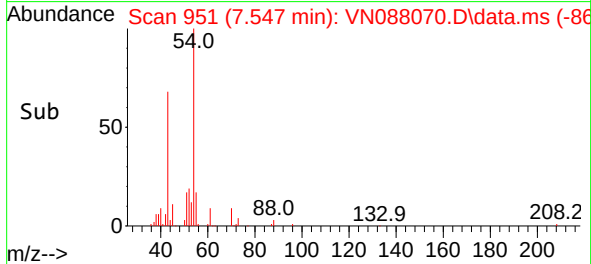
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 12949
Ion Ratio Lower Upper
43 100
45 14.7 10.2 15.4

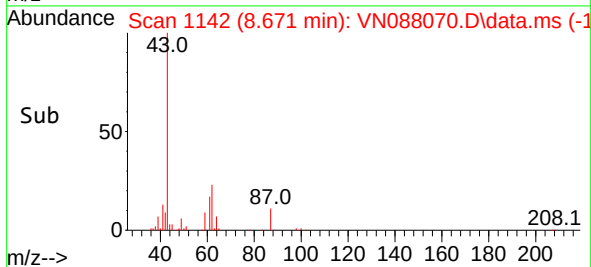
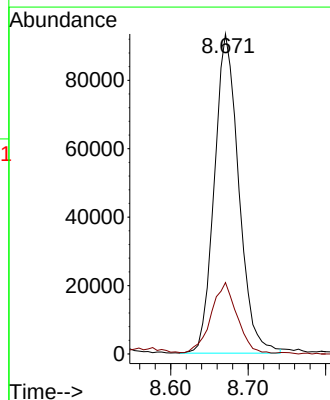
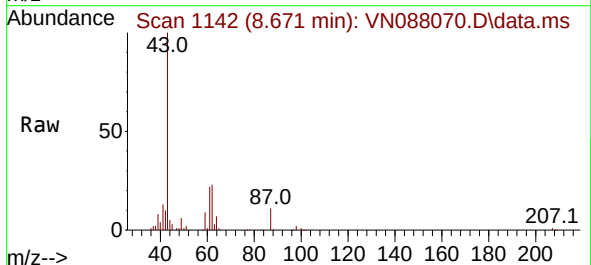
Manual Integrations
APPROVED

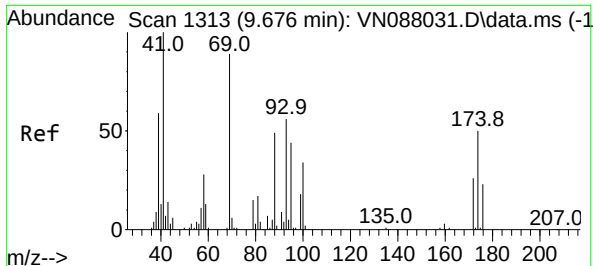
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#44
Isopropyl Acetate
Concen: 20.496 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Tgt Ion: 43 Resp: 204545
Ion Ratio Lower Upper
43 100
61 24.2 18.7 28.1





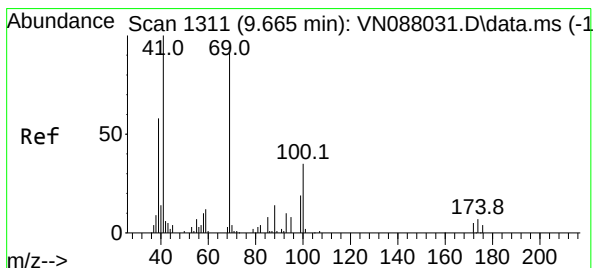
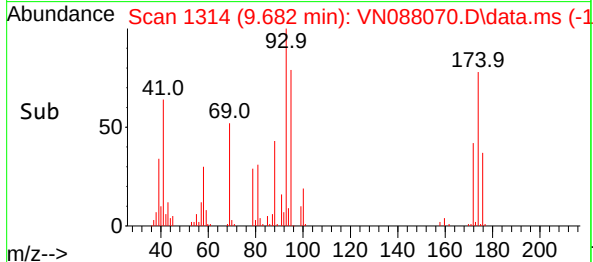
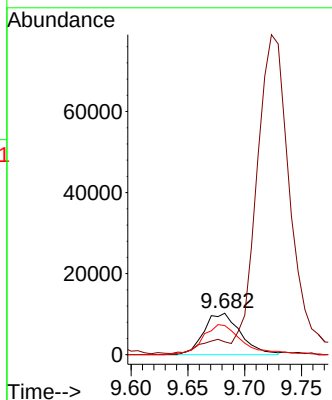
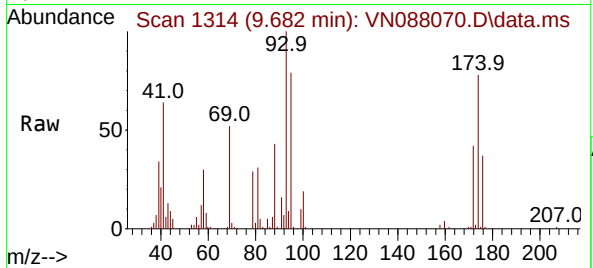
#45
1,4-Dioxane
Concen: 343.862 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 22824
Ion Ratio Lower Upper
88 100
43 27.9 18.6 27.8
58 78.0 57.4 86.2

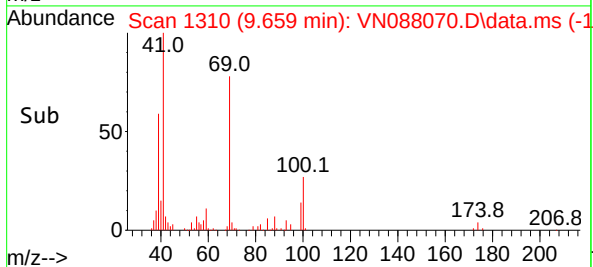
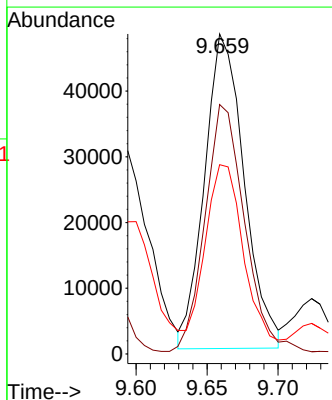
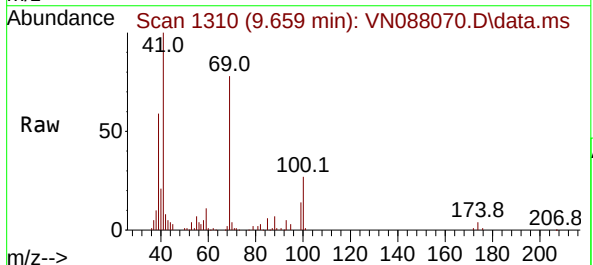
Manual Integrations
APPROVED

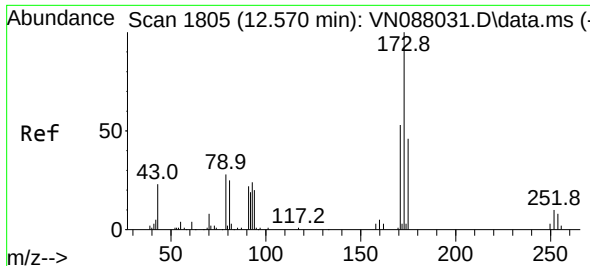
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#46
Methyl methacrylate
Concen: 21.148 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

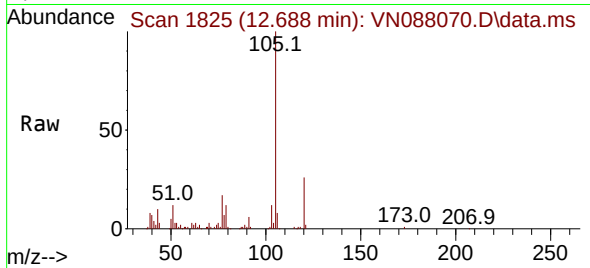
Tgt Ion: 41 Resp: 92945
Ion Ratio Lower Upper
41 100
69 81.1 44.9 134.7
39 58.8 30.3 90.8





#47
n-amy1 Acetate
Concen: 23.093 ug/l m
RT: 12.688 min Scan# 1805
Delta R.T. 0.118 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

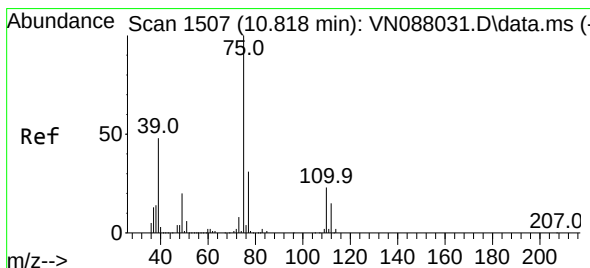
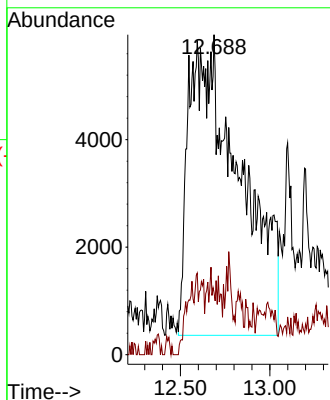
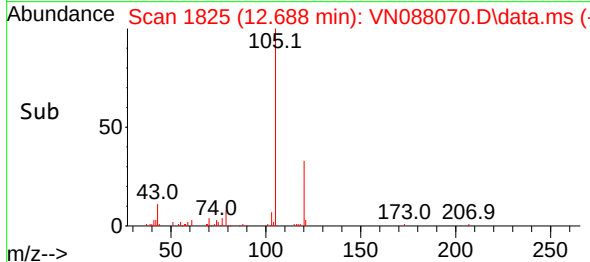
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 10923
Ion Ratio Lower Upper
43 100
55 1.7 0.6 0.8

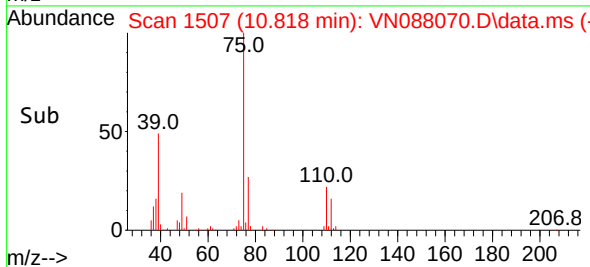
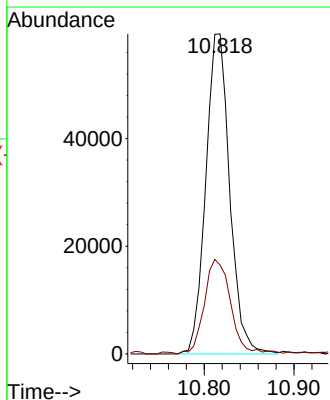
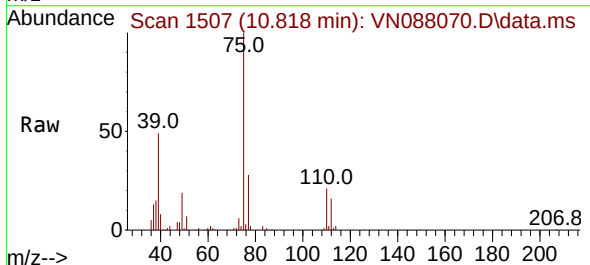
Manual Integrations
APPROVED

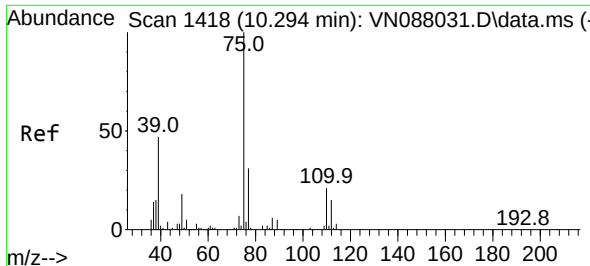
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#48
t-1,3-Dichloropropene
Concen: 18.585 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

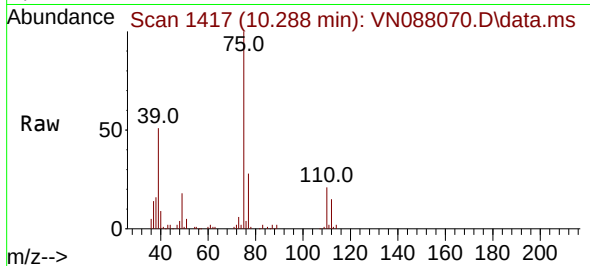
Tgt Ion: 75 Resp: 110129
Ion Ratio Lower Upper
75 100
77 27.7 24.5 36.7





#49
 cis-1,3-Dichloropropene
 Concen: 18.493 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VN088070.D
 Acq: 17 Oct 2025 16:20

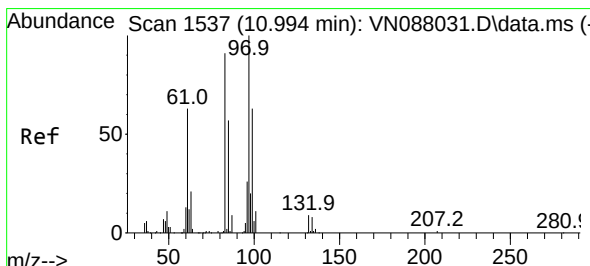
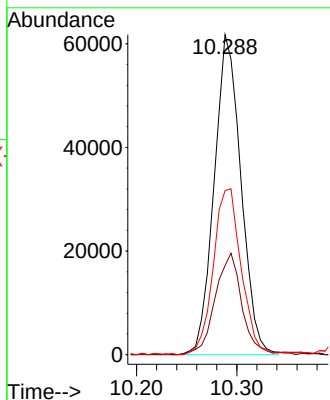
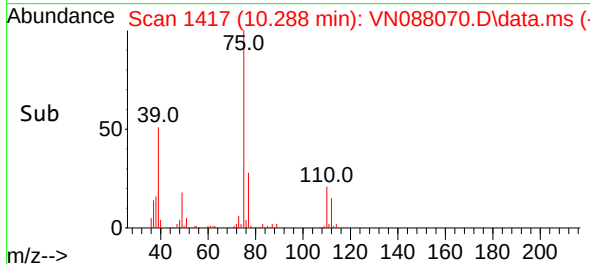
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 114300
 Ion Ratio Lower Upper
 75 100
 77 27.9 25.0 37.4
 39 51.3 37.4 56.0

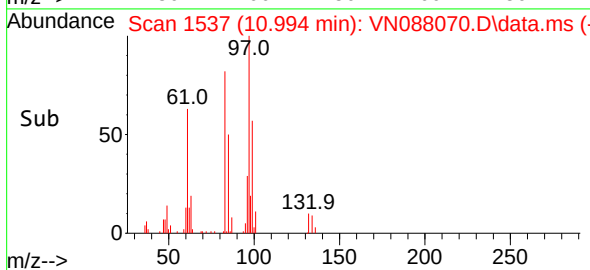
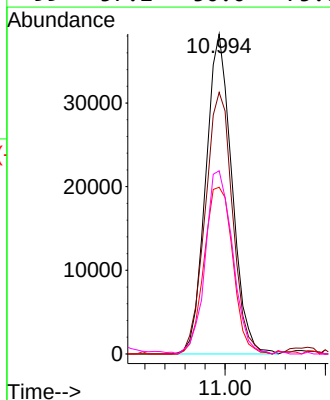
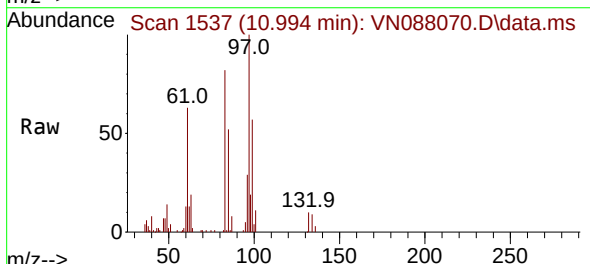
Manual Integrations
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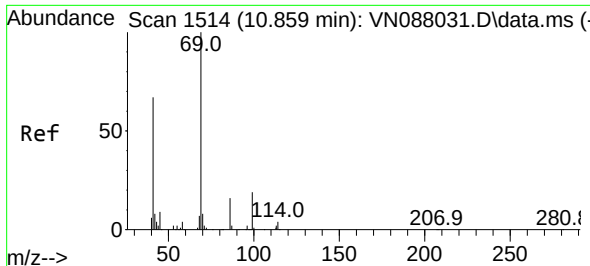
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025



#50
 1,1,2-Trichloroethane
 Concen: 20.084 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088070.D
 Acq: 17 Oct 2025 16:20

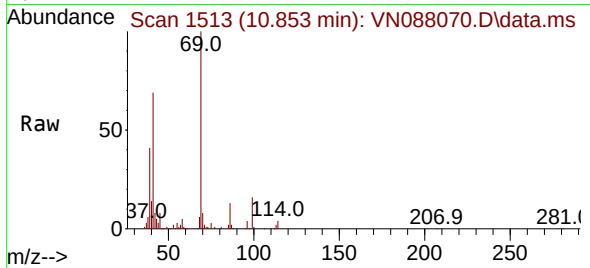
Tgt Ion: 97 Resp: 69396
 Ion Ratio Lower Upper
 97 100
 83 81.4 72.5 108.7
 85 52.1 45.5 68.3
 99 57.2 50.0 75.0





#51
Ethyl methacrylate
Concen: 19.888 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

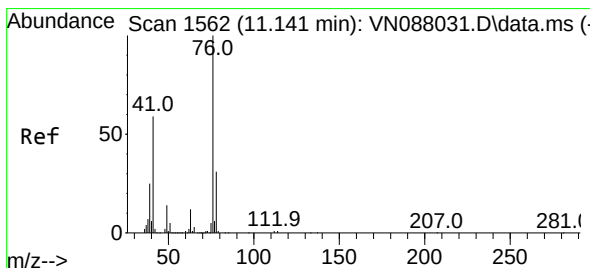
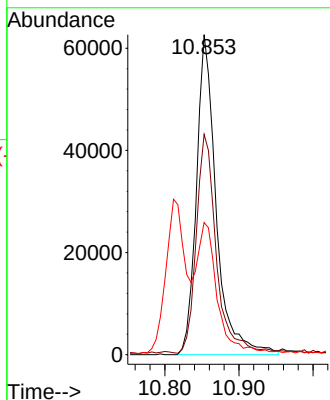
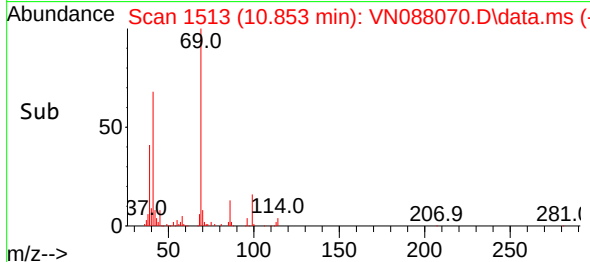
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 116299
Ion Ratio Lower Upper
69 100
41 68.4 33.3 99.8
39 40.2 20.3 61.0

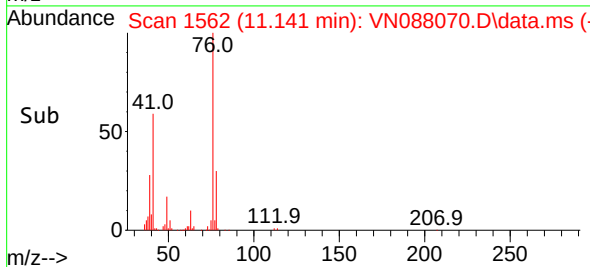
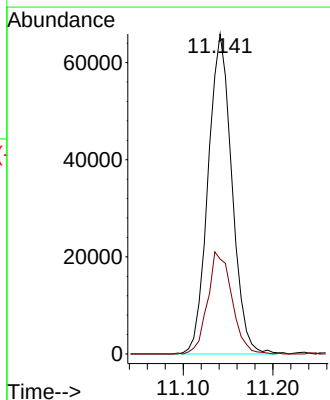
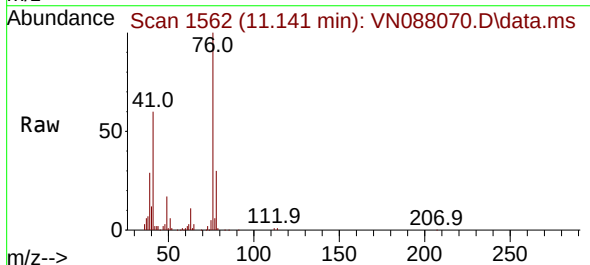
Manual Integrations
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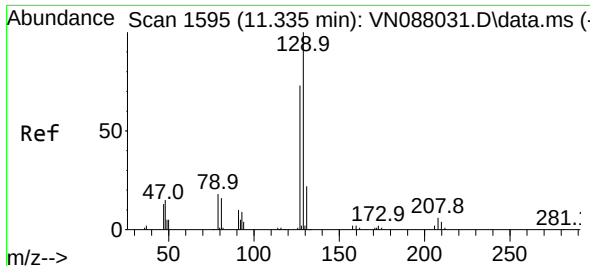
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#52
1,3-Dichloropropane
Concen: 20.150 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

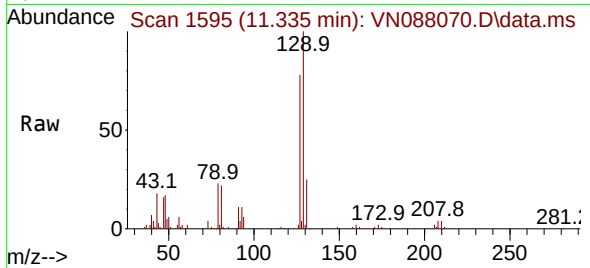
Tgt Ion: 76 Resp: 121472
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.0





#53
Dibromochloromethane
Concen: 18.221 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

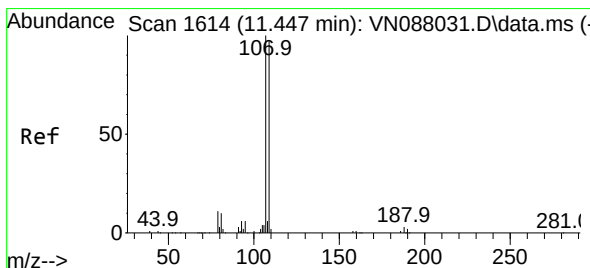
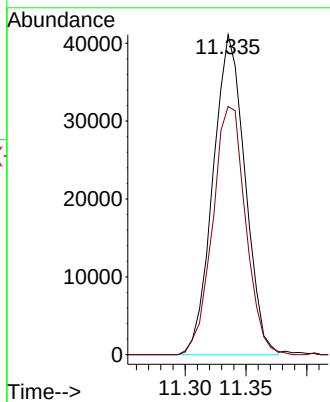
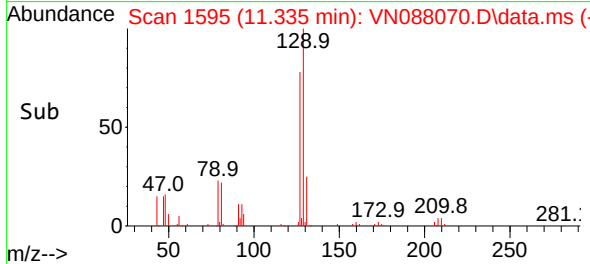
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



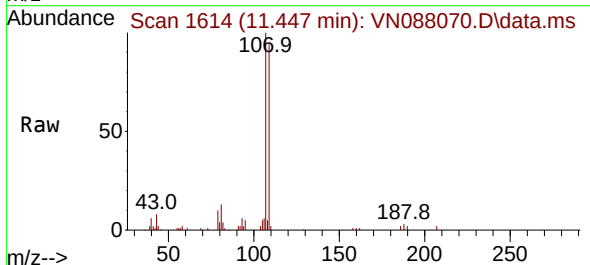
Tgt Ion:129 Resp: 75269
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.3

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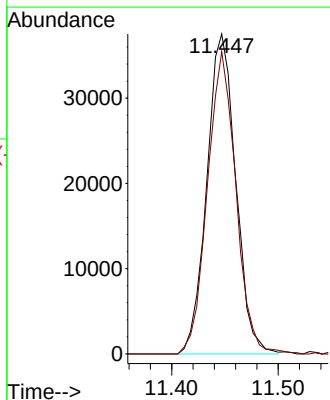
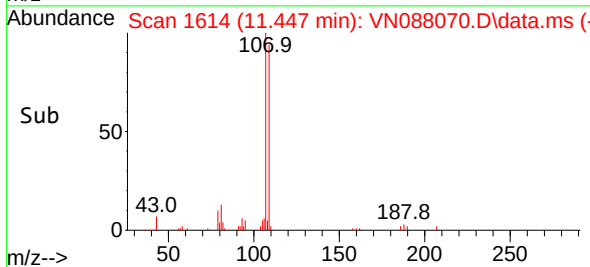
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

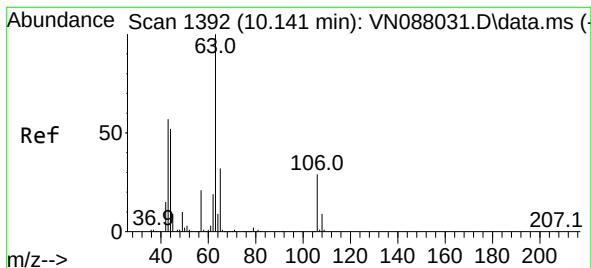


#54
1,2-Dibromoethane
Concen: 19.138 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20



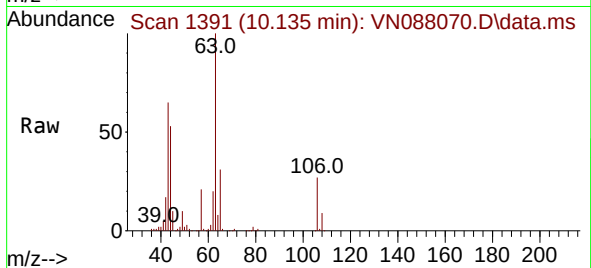
Tgt Ion:107 Resp: 70696
Ion Ratio Lower Upper
107 100
109 93.0 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 101.652 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

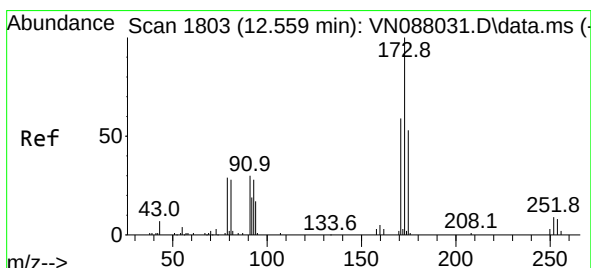
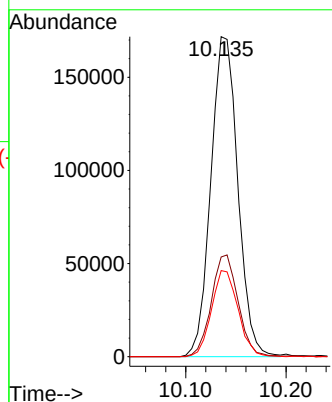
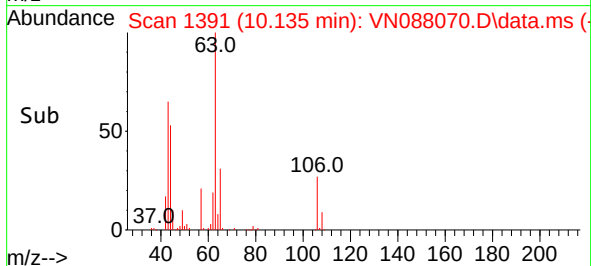
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 320858
Ion Ratio Lower Upper
63 100
65 31.5 25.7 38.5
106 26.4 22.6 34.0

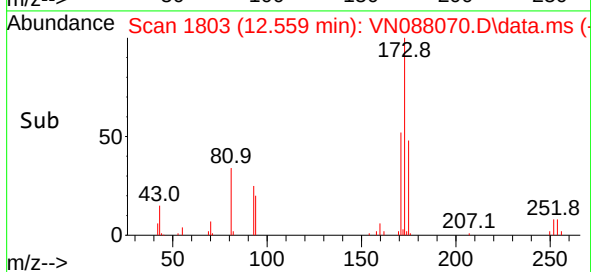
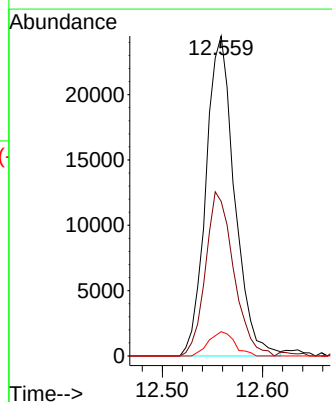
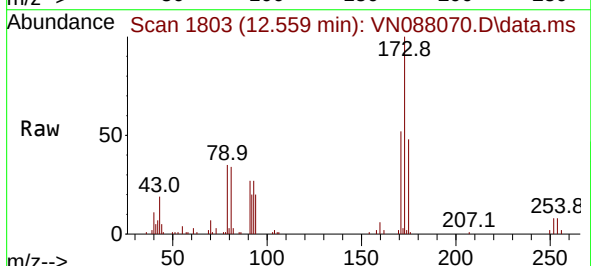
Manual Integrations
APPROVED

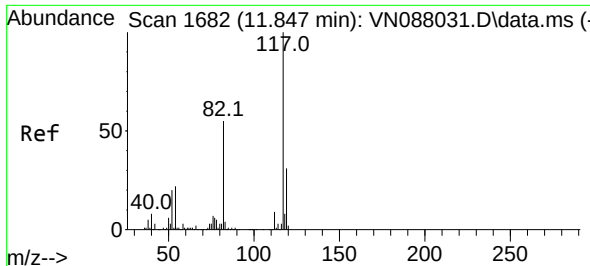
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#56
Bromoform
Concen: 17.412 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

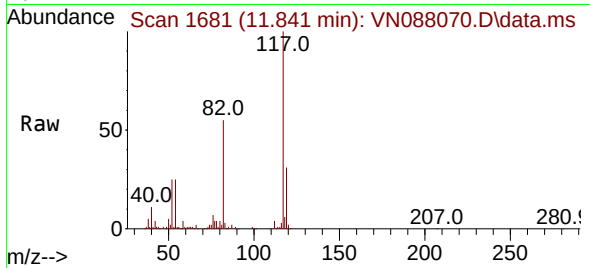
Tgt Ion:173 Resp: 48626
Ion Ratio Lower Upper
173 100
175 50.5 39.6 59.4
254 6.9 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

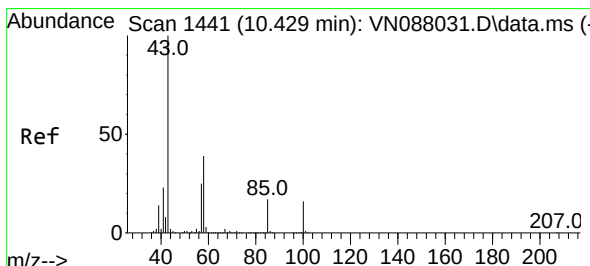
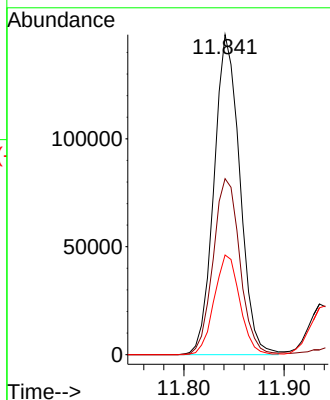
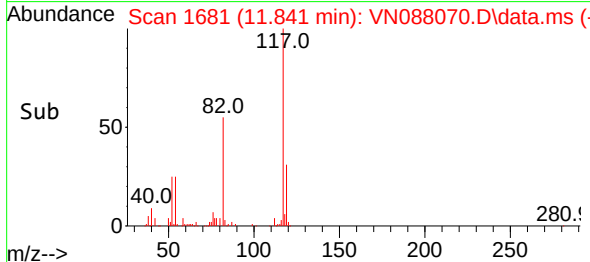
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



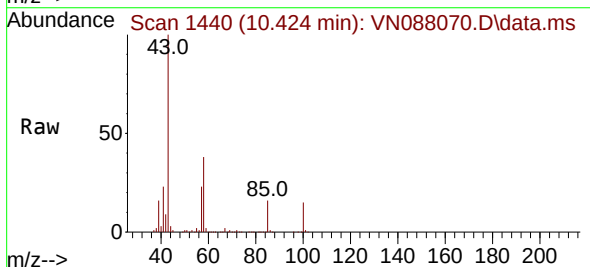
Tgt Ion:117 Resp: 264950
Ion Ratio Lower Upper
117 100
82 57.0 45.2 67.8
119 31.0 25.9 38.9

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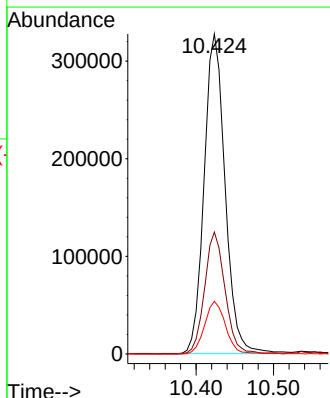
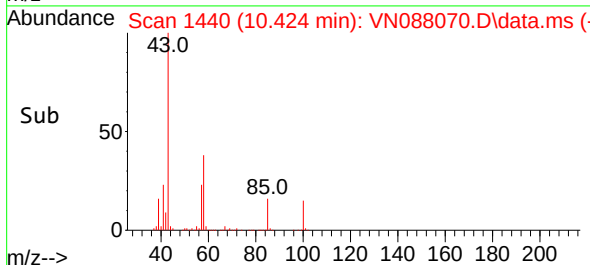
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

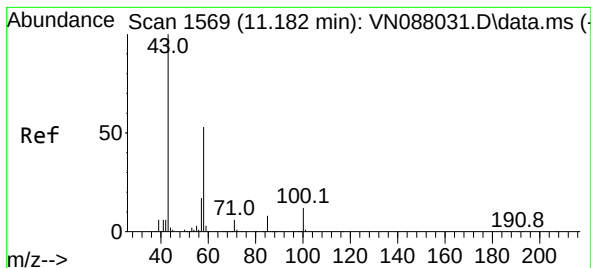


#58
4-Methyl-2-Pentanone
Concen: 103.906 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20



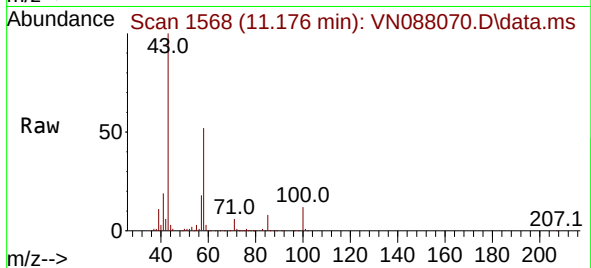
Tgt Ion: 43 Resp: 615794
Ion Ratio Lower Upper
43 100
58 37.2 31.2 46.8
85 16.4 13.7 20.5





#59
2-Hexanone
Concen: 101.810 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

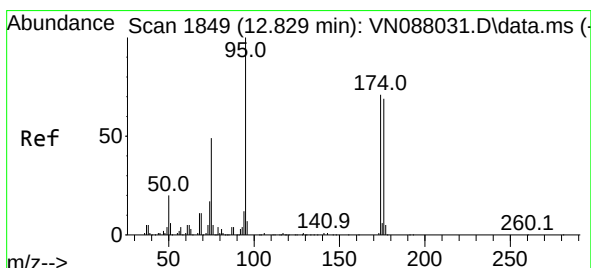
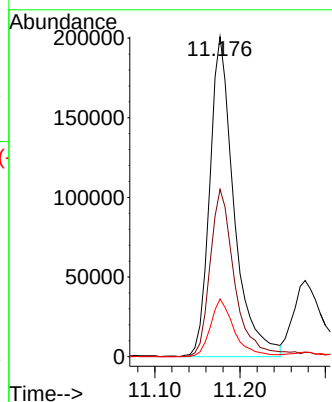
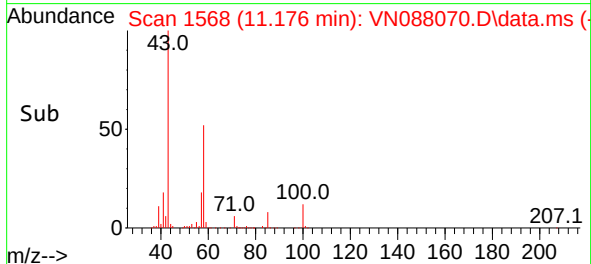
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 398360
Ion Ratio Lower Upper
43 100
58 52.6 43.1 64.7
57 17.6 14.6 21.8

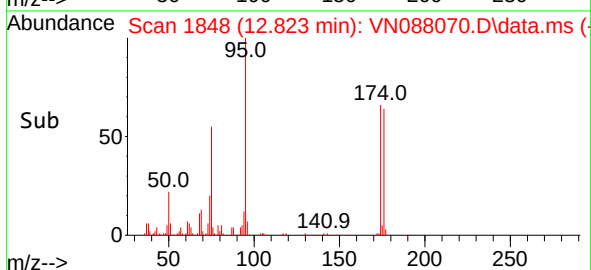
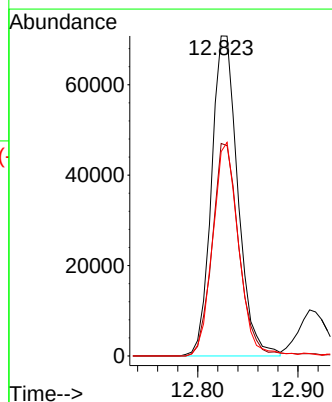
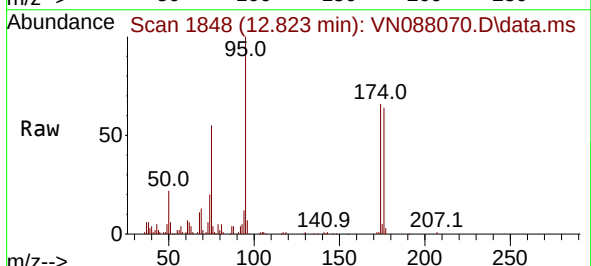
Manual Integrations
APPROVED

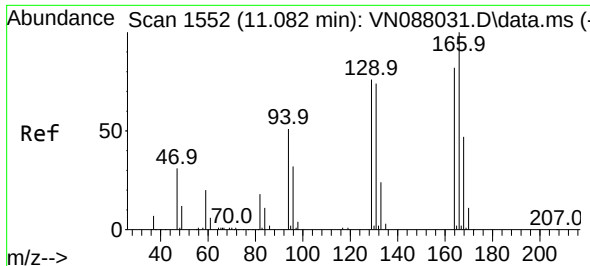
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#60
4-Bromofluorobenzene
Concen: 29.605 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

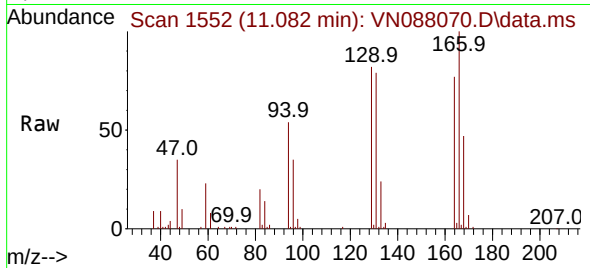
Tgt Ion: 95 Resp: 129311
Ion Ratio Lower Upper
95 100
174 67.1 57.4 86.0
176 65.6 57.0 85.4





#61
Tetrachloroethene
Concen: 16.252 ug/l
RT: 11.082 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

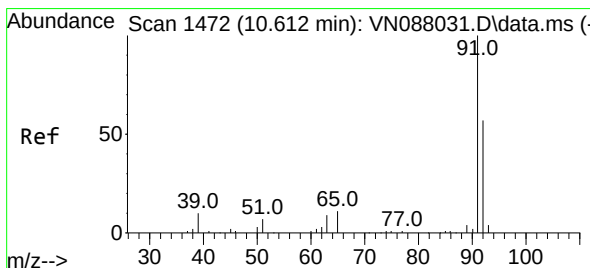
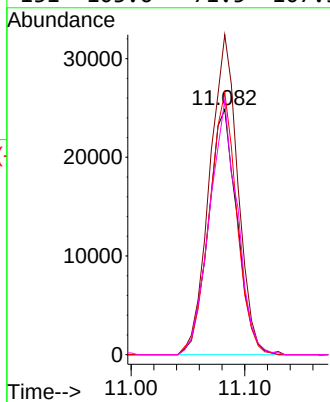
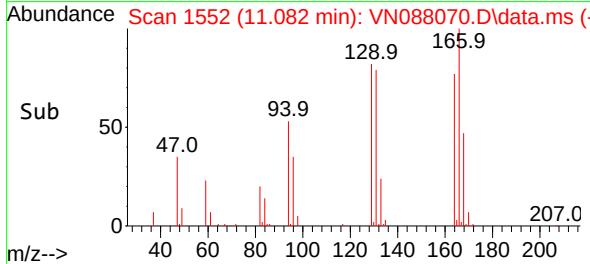
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



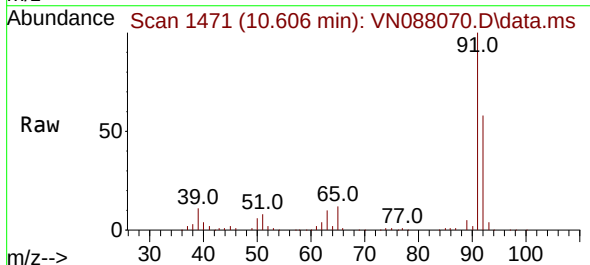
Tgt Ion:164 Resp: 4360
Ion Ratio Lower Upper
164 100
166 130.5 97.2 145.8
129 106.9 73.7 110.5
131 103.6 71.5 107.3

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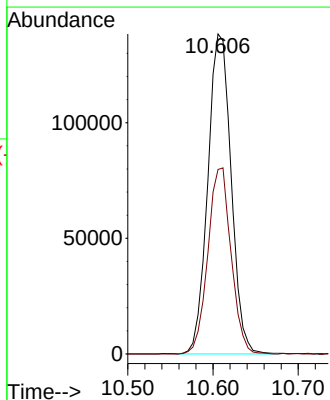
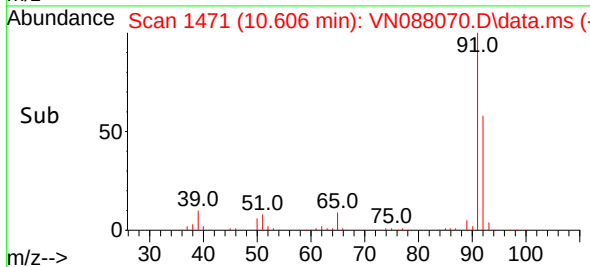
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

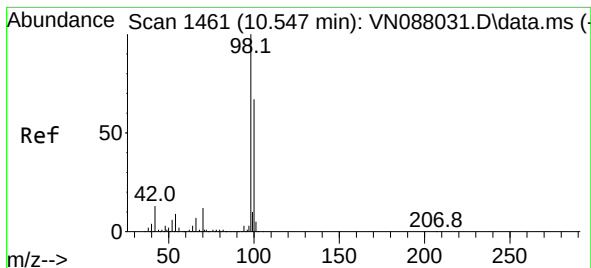


#62
Toluene
Concen: 17.529 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20



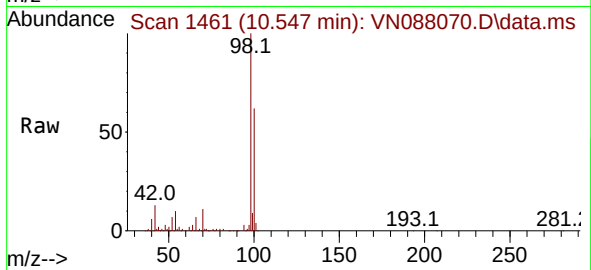
Tgt Ion: 91 Resp: 263452
Ion Ratio Lower Upper
91 100
92 57.8 45.8 68.8





#63
Toluene-d8
Concen: 30.982 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

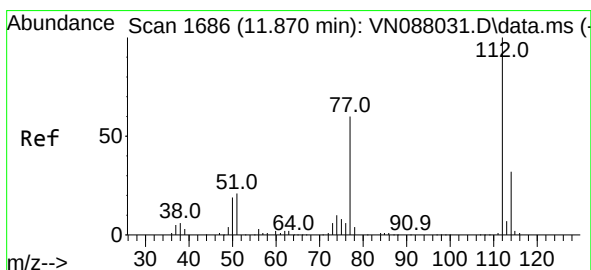
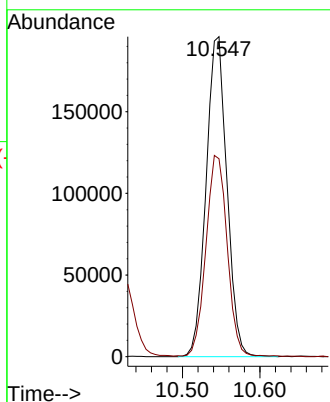
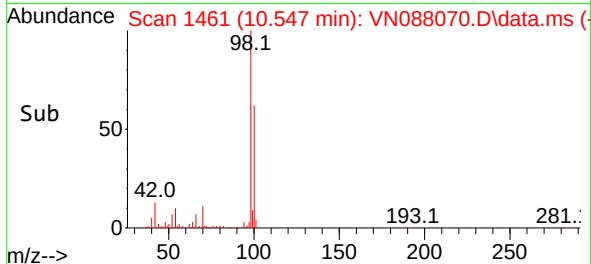
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 365740
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

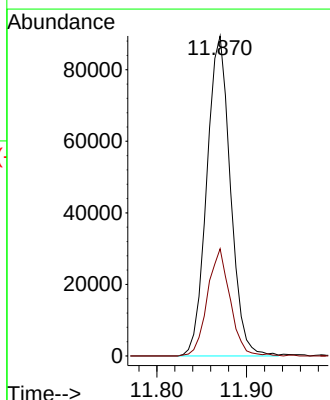
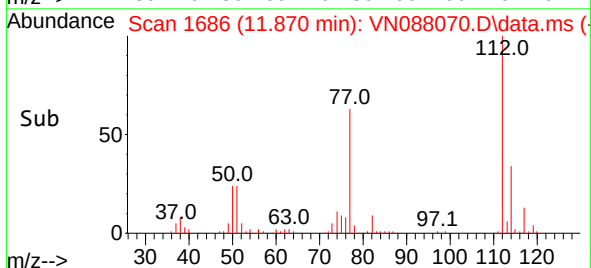
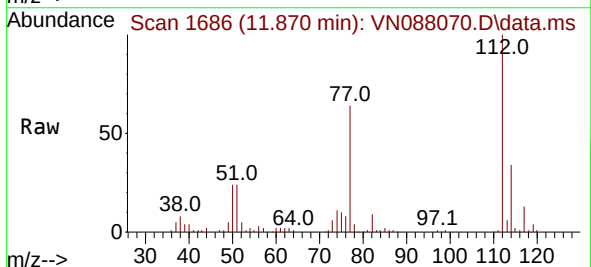
Manual Integrations
APPROVED

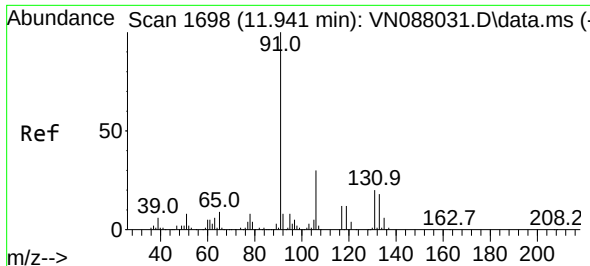
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#64
Chlorobenzene
Concen: 17.045 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Tgt Ion:112 Resp: 163621
Ion Ratio Lower Upper
112 100
114 33.5 25.7 38.5





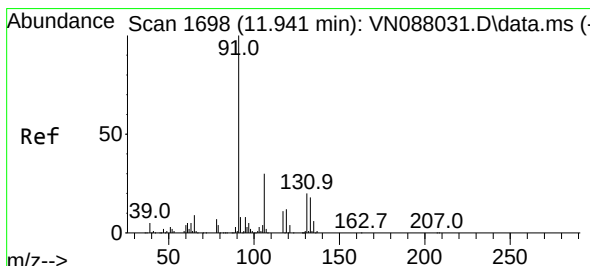
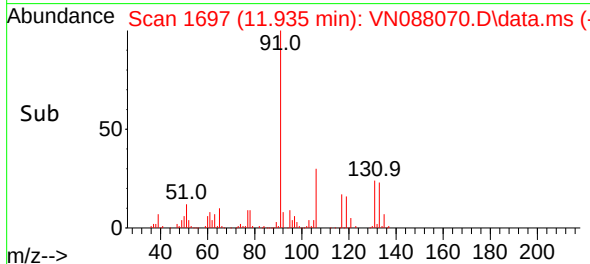
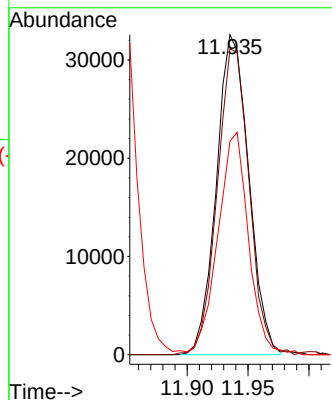
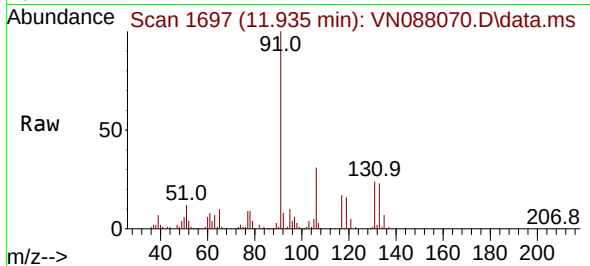
#65
1,1,1,2-Tetrachloroethane
Concen: 18.236 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 6032
Ion Ratio Lower Upper
131 100
133 94.0 0.0 183.8
119 65.6 0.0 132.0

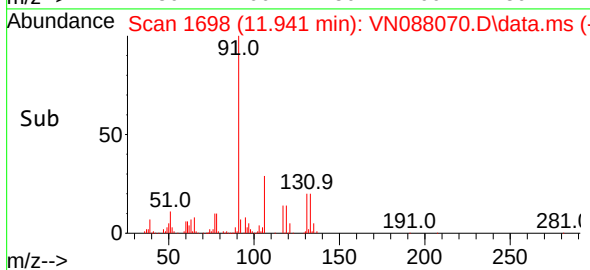
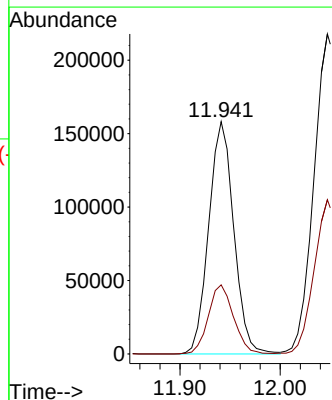
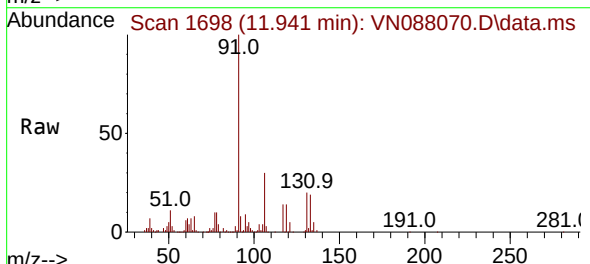
Manual Integrations
APPROVED

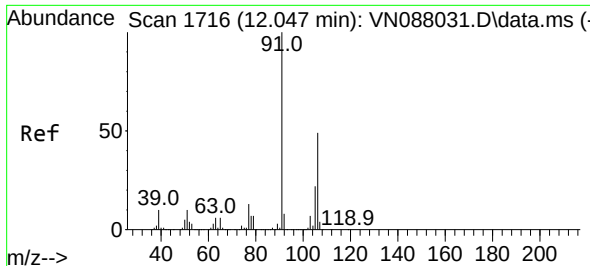
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#66
Ethyl Benzene
Concen: 16.801 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Tgt Ion: 91 Resp: 274568
Ion Ratio Lower Upper
91 100
106 29.6 24.0 36.0





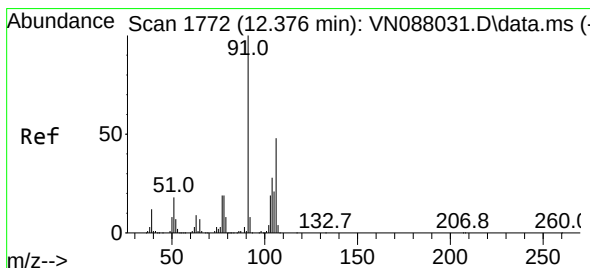
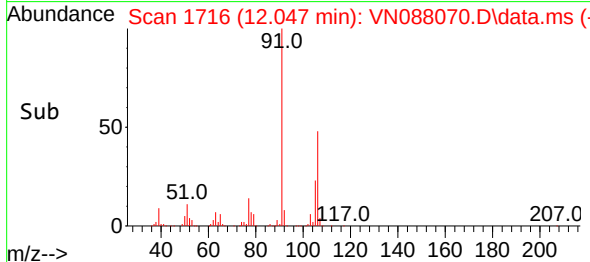
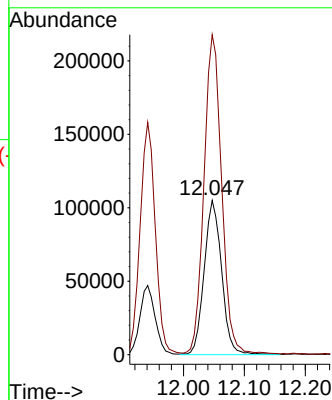
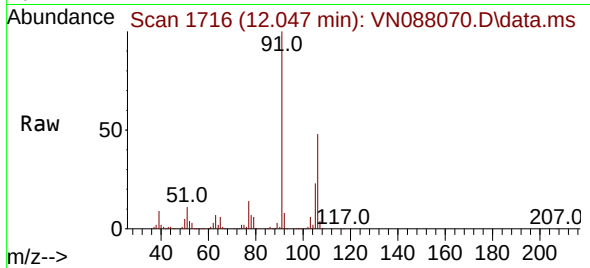
#67
m/p-Xylenes
Concen: 33.320 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 209910
Ion Ratio Lower Upper
106 100
91 206.3 161.4 242.0

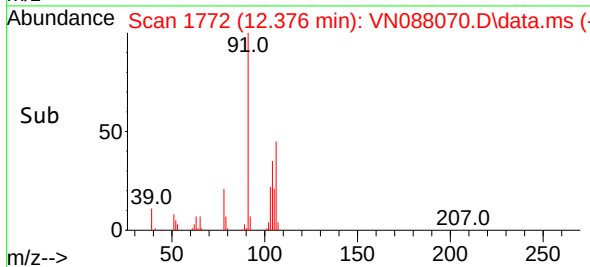
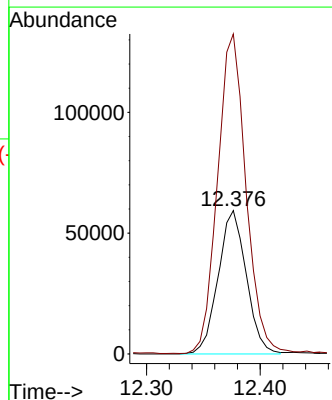
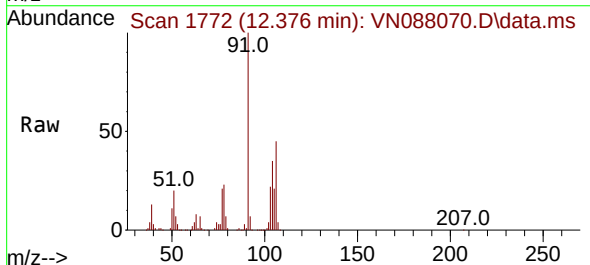
Manual Integrations
APPROVED

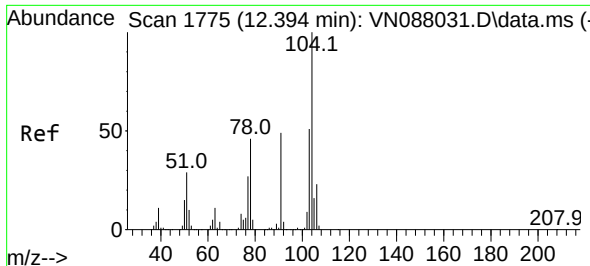
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#68
o-Xylene
Concen: 16.320 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

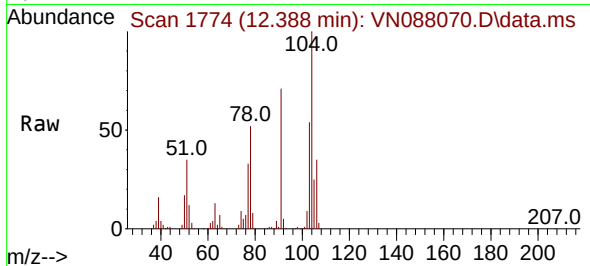
Tgt Ion:106 Resp: 102351
Ion Ratio Lower Upper
106 100
91 224.4 105.2 315.6





#69
Styrene
Concen: 17.094 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

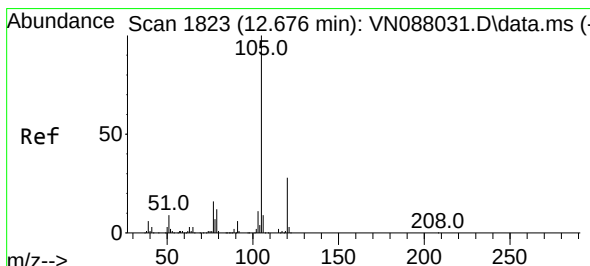
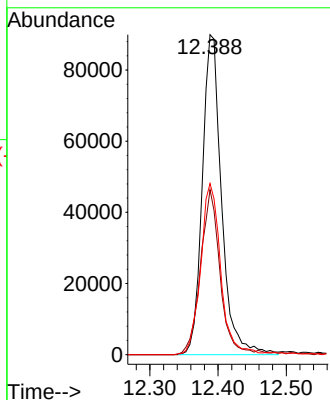
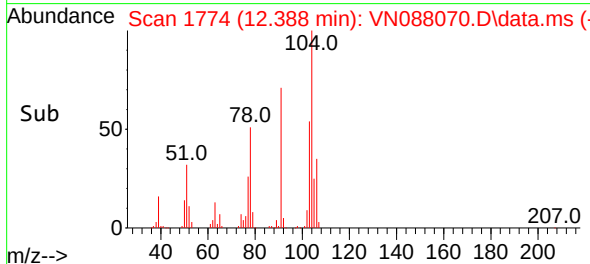
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:104 Resp: 177349
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.6
103 55.2 44.9 67.3

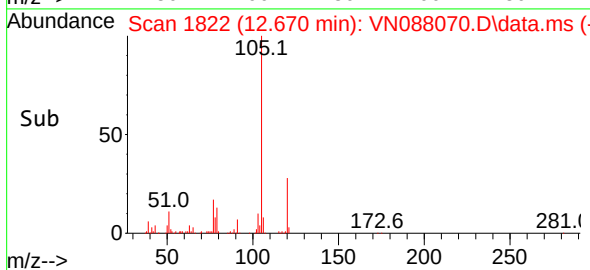
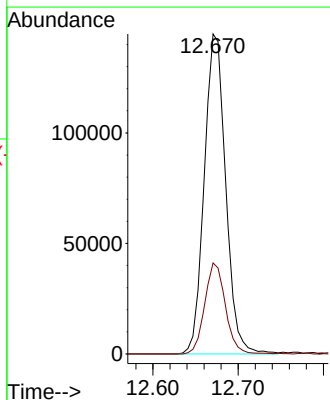
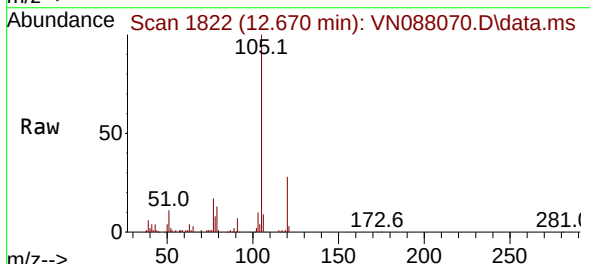
Manual Integrations
APPROVED

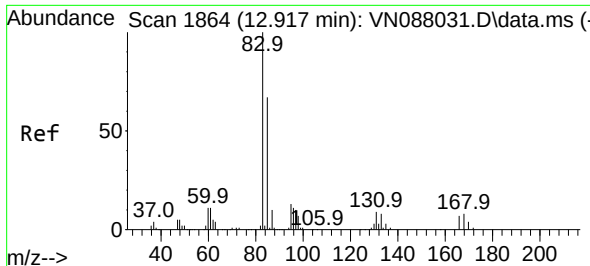
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#70
Isopropylbenzene
Concen: 16.474 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

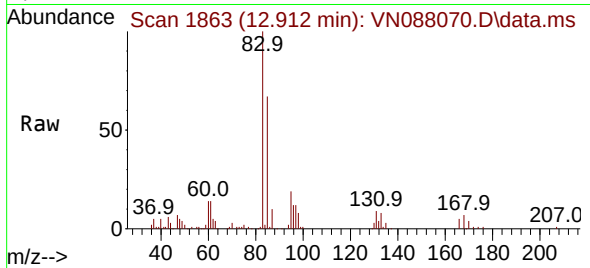
Tgt Ion:105 Resp: 253224
Ion Ratio Lower Upper
105 100
120 27.4 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.906 ug/l
RT: 12.912 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

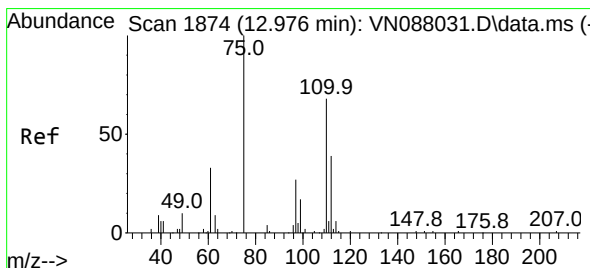
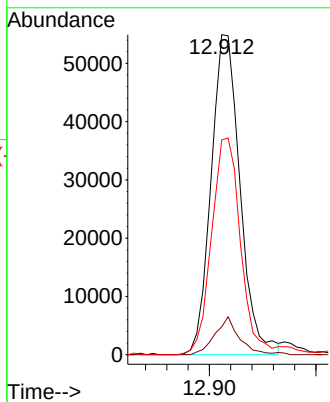
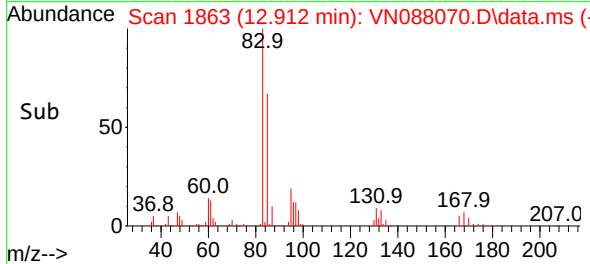
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



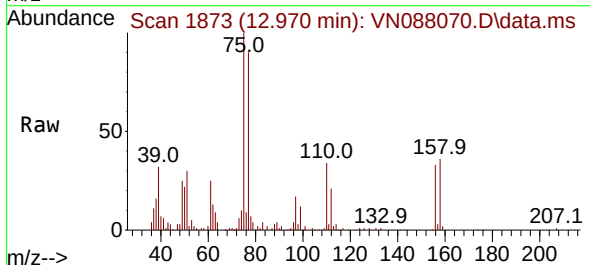
Tgt Ion: 83 Resp: 103739
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 67.2 32.4 97.2

Manual Integrations
APPROVED

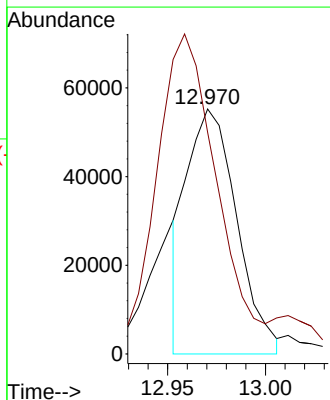
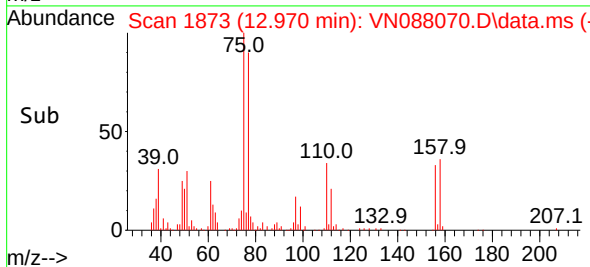
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

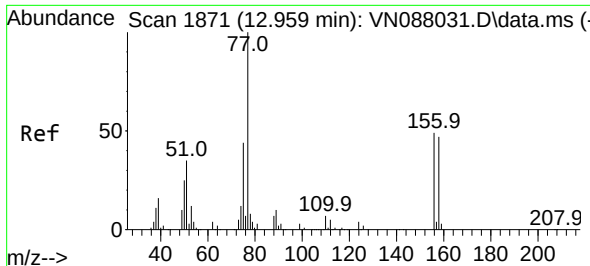


#72
1,2,3-Trichloropropane
Concen: 20.282 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20



Tgt Ion: 75 Resp: 98165
Ion Ratio Lower Upper
75 100
77 157.1 0.0 364.0





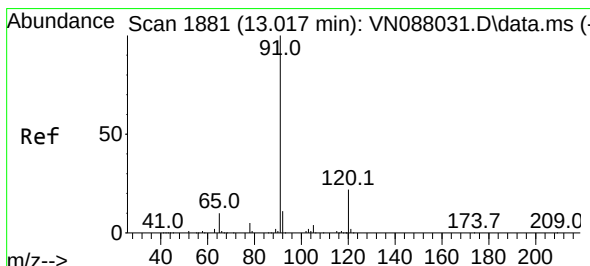
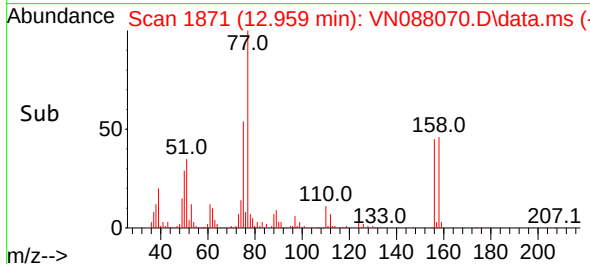
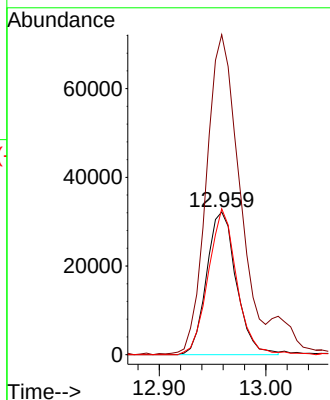
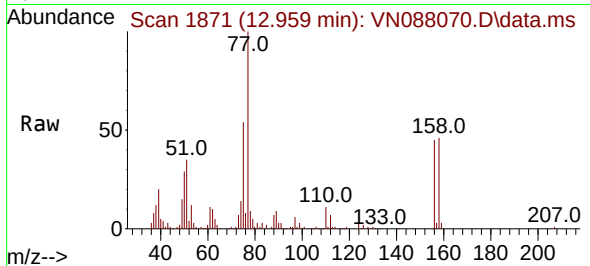
#73
Bromobenzene
Concen: 16.530 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:156 Resp: 6210
Ion Ratio Lower Upper
156 100
77 248.4 0.0 439.8
158 97.7 0.0 190.0

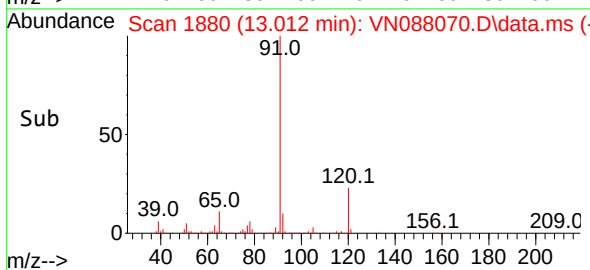
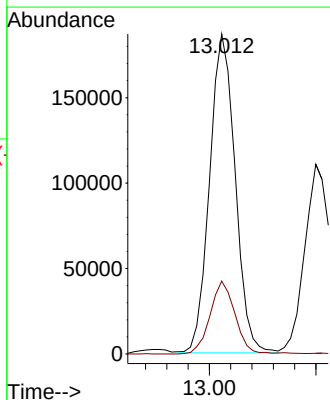
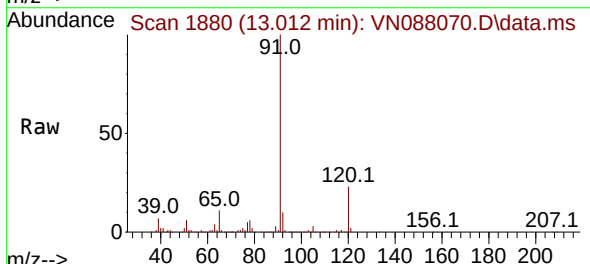
Manual Integrations
APPROVED

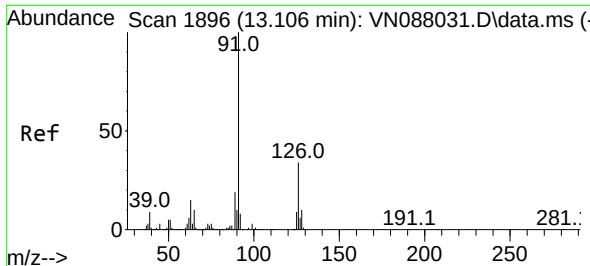
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#74
n-propylbenzene
Concen: 16.780 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Tgt Ion: 91 Resp: 311360
Ion Ratio Lower Upper
91 100
120 22.2 0.0 46.2





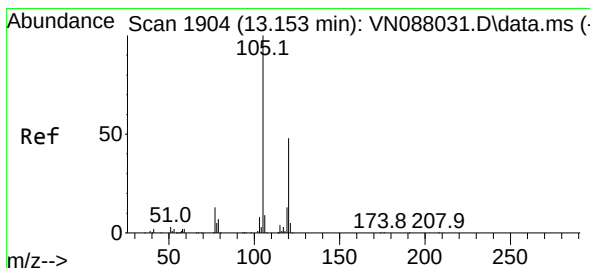
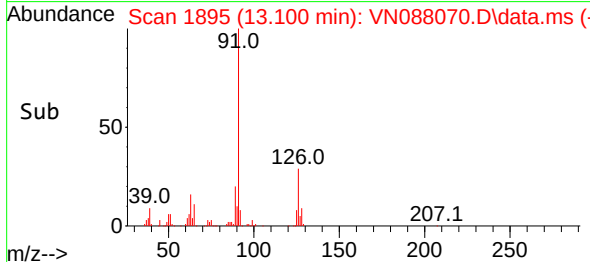
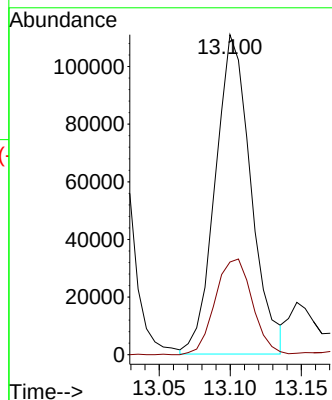
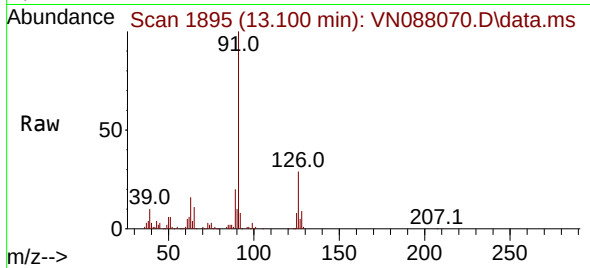
#75
2-Chlorotoluene
Concen: 17.077 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 19375
Ion Ratio Lower Upper
91 100
126 31.2 0.0 66.6

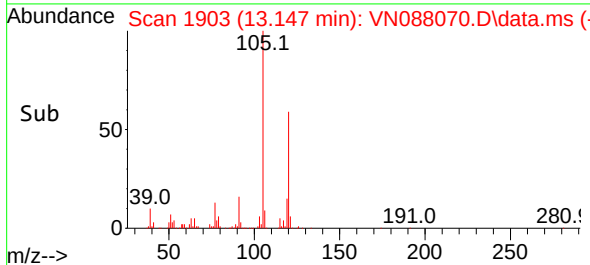
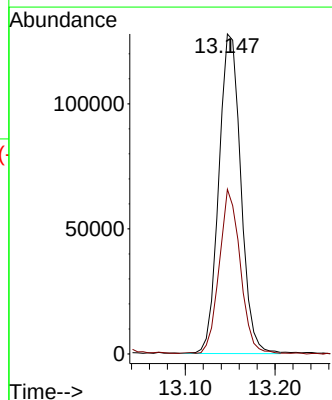
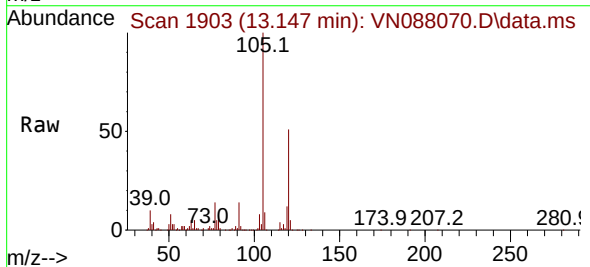
Manual Integrations
APPROVED

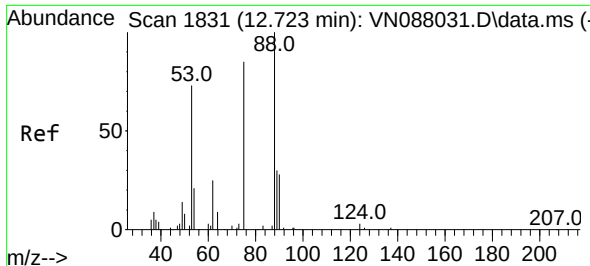
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#76
1,3,5-Trimethylbenzene
Concen: 16.667 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

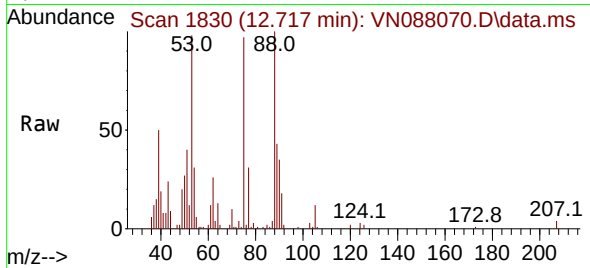
Tgt Ion:105 Resp: 217625
Ion Ratio Lower Upper
105 100
120 49.0 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 16.890 ug/l
RT: 12.717 min Scan# 1831
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

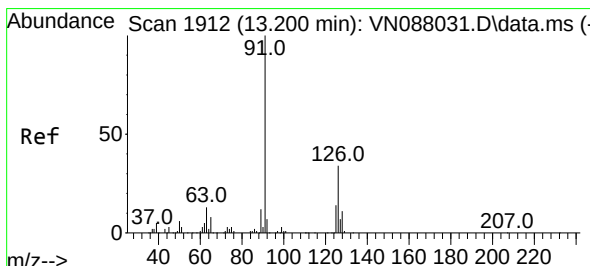
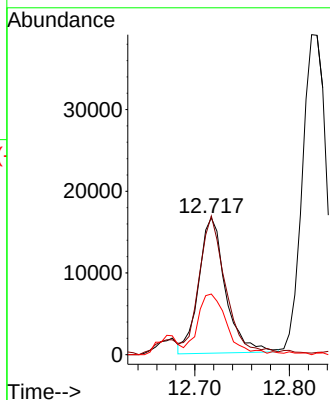
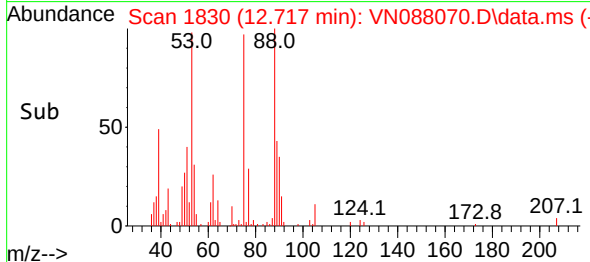
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 3257
Ion Ratio Lower Upper
75 100
53 103.1 41.8 125.3
89 44.6 19.9 59.6

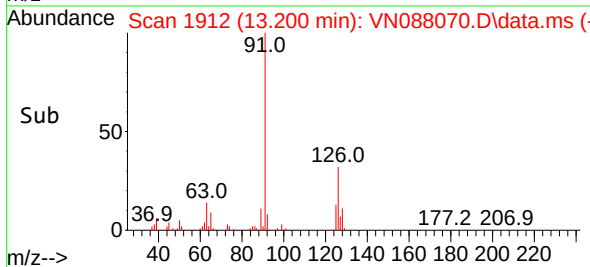
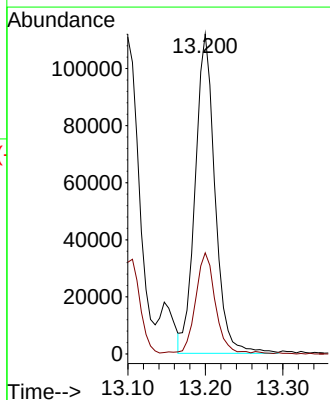
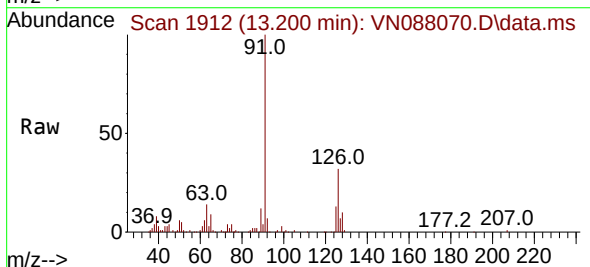
Manual Integrations
APPROVED

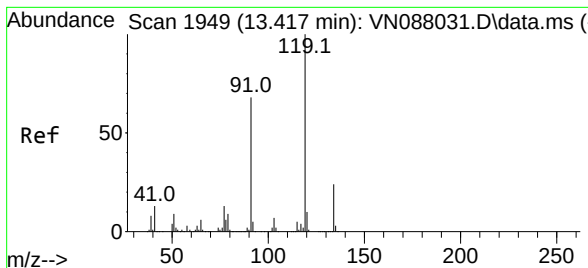
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#78
4-Chlorotoluene
Concen: 17.215 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

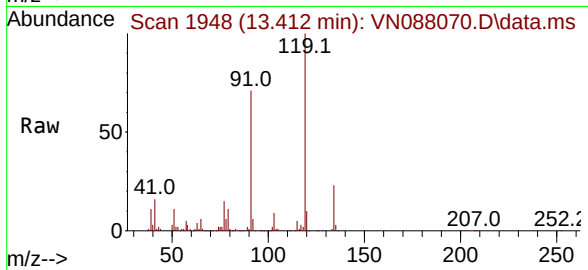
Tgt Ion: 91 Resp: 198441
Ion Ratio Lower Upper
91 100
126 31.1 0.0 68.8





#79
tert-butylbenzene
Concen: 17.040 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

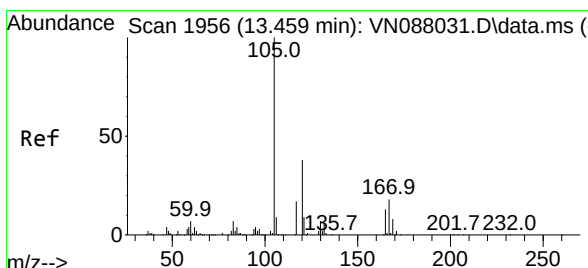
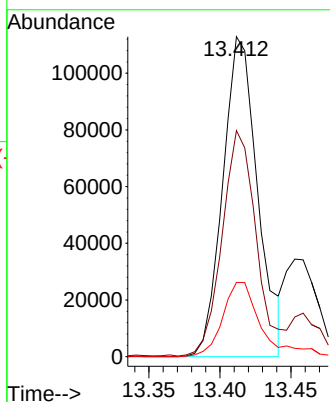
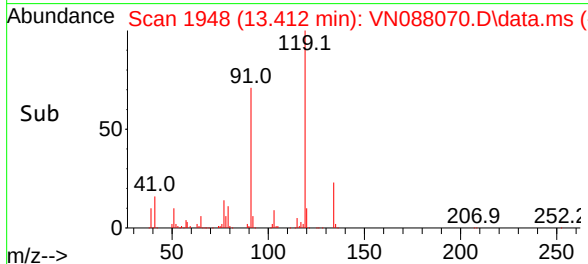
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



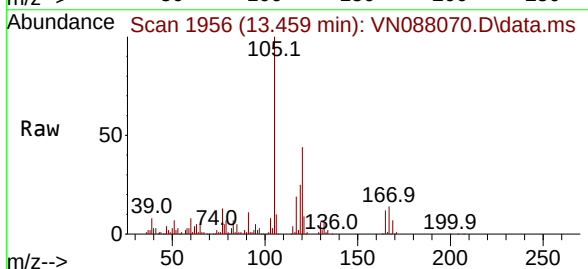
Tgt Ion:119 Resp: 192870
Ion Ratio Lower Upper
119 100
91 69.7 0.0 132.4
134 23.2 0.0 48.6

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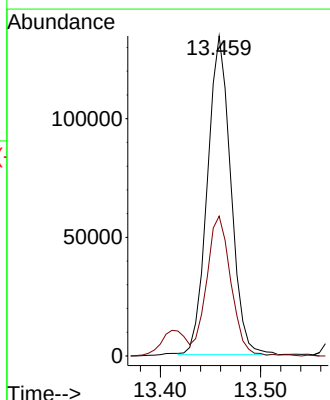
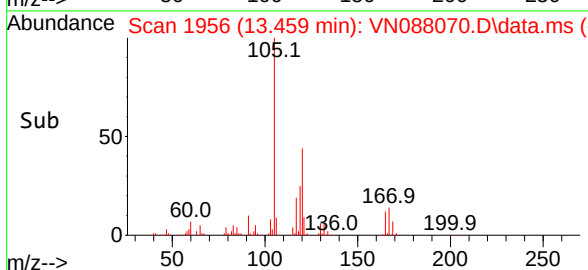
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

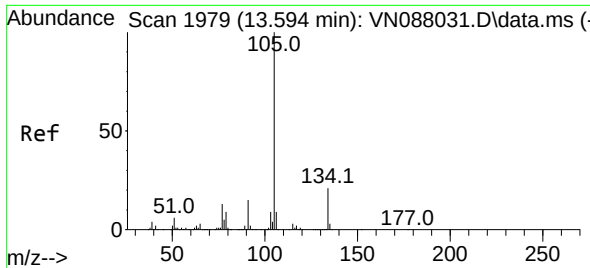


#80
1,2,4-Trimethylbenzene
Concen: 16.631 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20



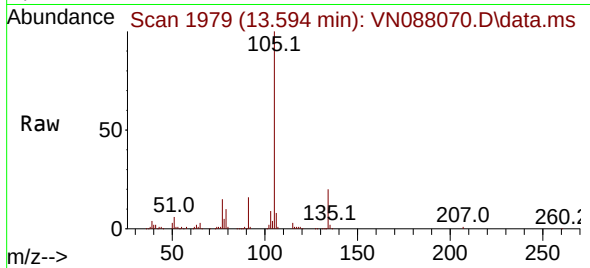
Tgt Ion:105 Resp: 217380
Ion Ratio Lower Upper
105 100
120 45.0 0.0 93.8





#81
 sec-Butylbenzene
 Concen: 17.136 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088070.D
 Acq: 17 Oct 2025 16:20

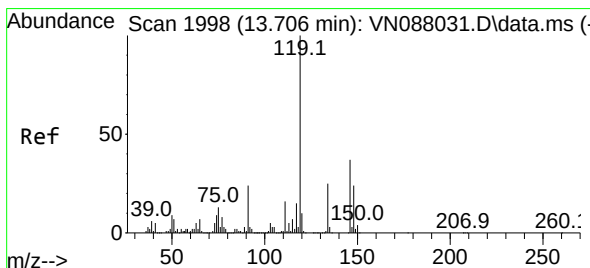
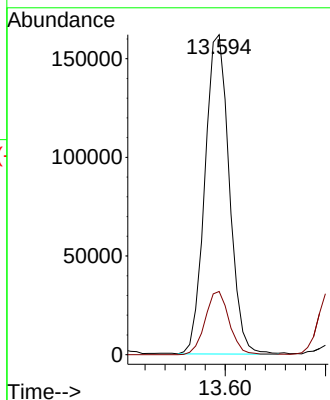
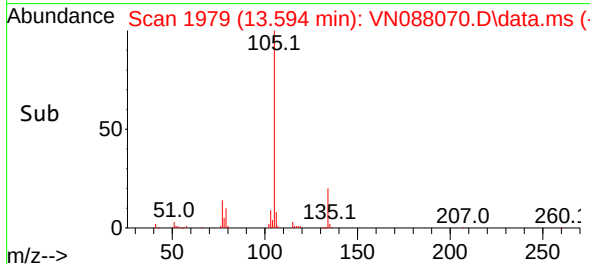
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



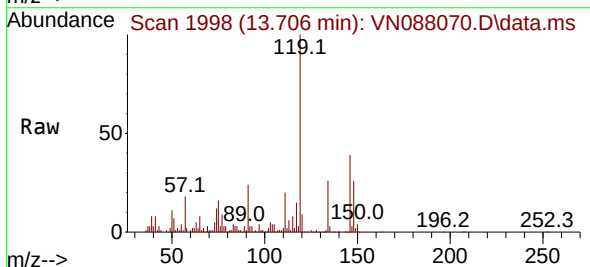
Tgt Ion:105 Resp: 272700
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 41.2

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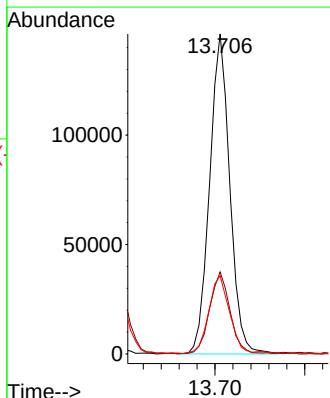
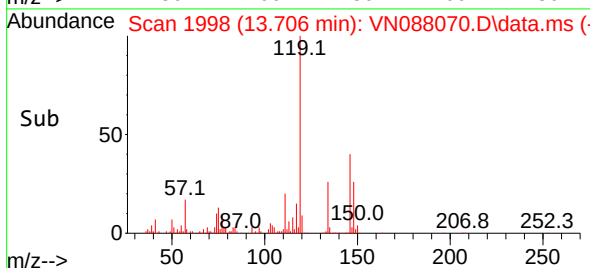
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

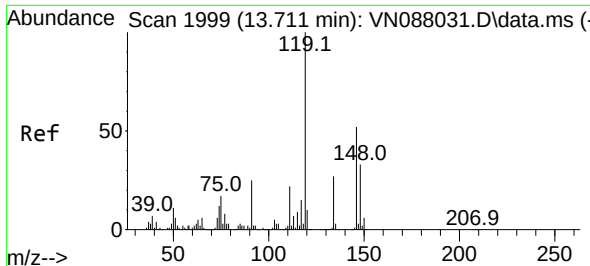


#82
 p-Isopropyltoluene
 Concen: 16.820 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088070.D
 Acq: 17 Oct 2025 16:20



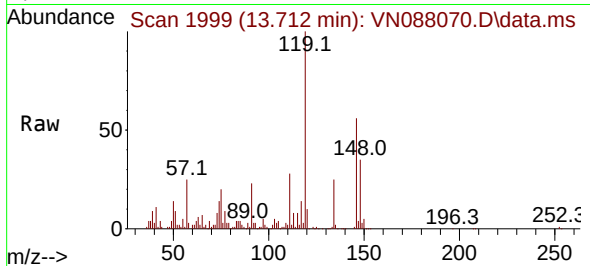
Tgt Ion:119 Resp: 228541
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.6
 91 24.9 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 16.714 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

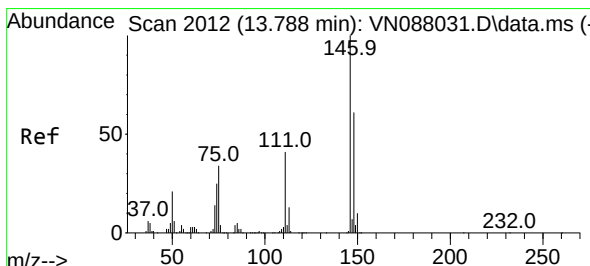
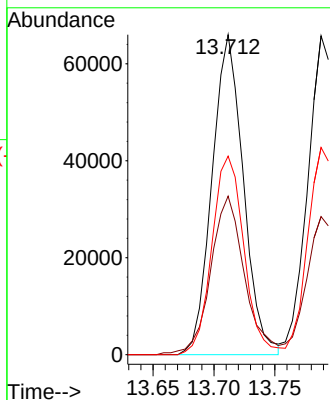
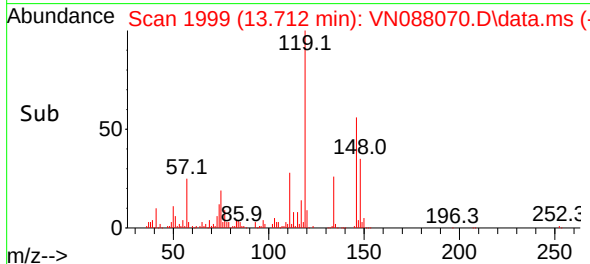
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



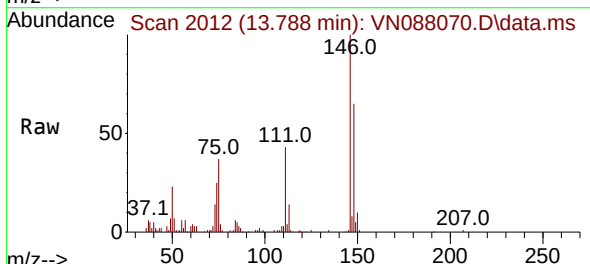
Tgt Ion:146 Resp: 118140
Ion Ratio Lower Upper
146 100
111 53.4 21.1 63.1
148 63.7 31.5 94.5

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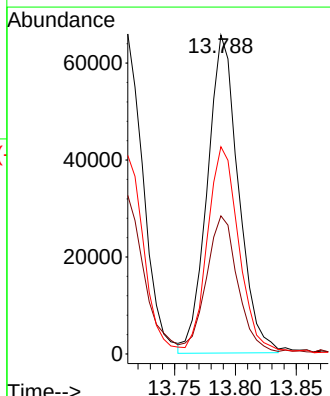
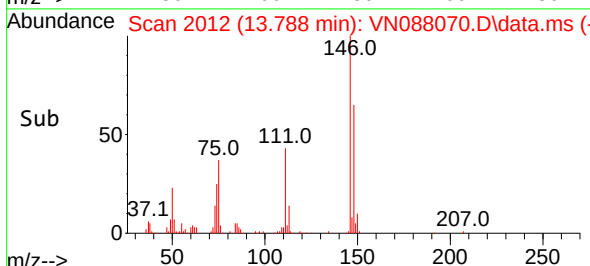
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

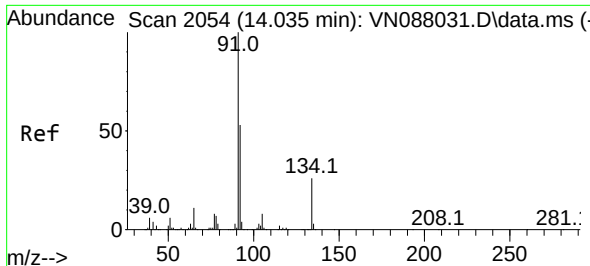


#84
1,4-Dichlorobenzene
Concen: 16.020 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20



Tgt Ion:146 Resp: 116785
Ion Ratio Lower Upper
146 100
111 42.9 20.5 61.6
148 66.4 31.9 95.9





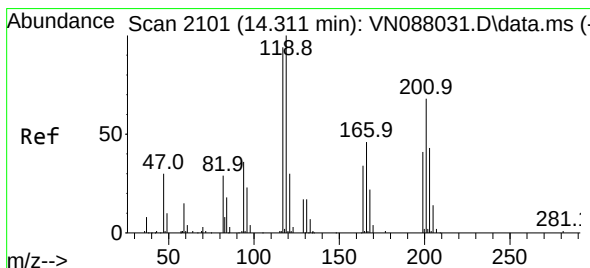
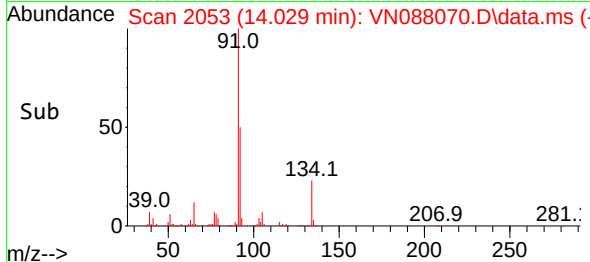
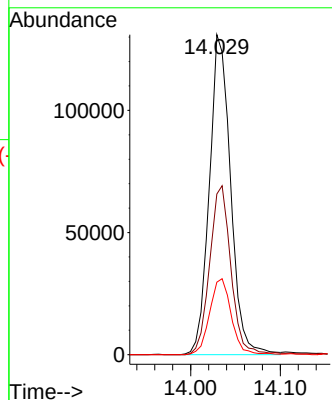
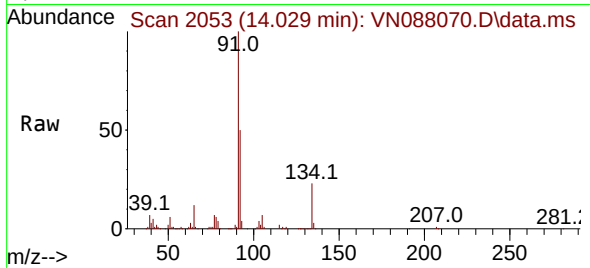
#85
n-Butylbenzene
Concen: 17.079 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 215890
Ion Ratio Lower Upper
91 100
92 52.8 0.0 107.6
134 23.9 0.0 52.6

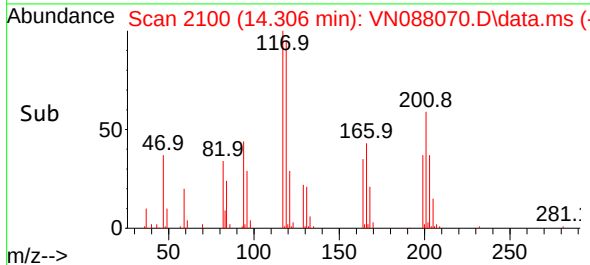
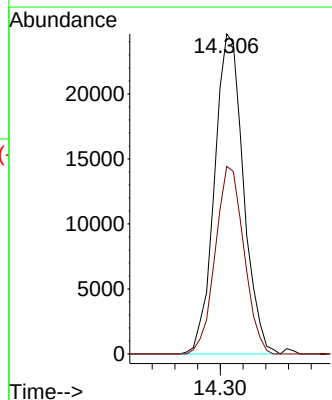
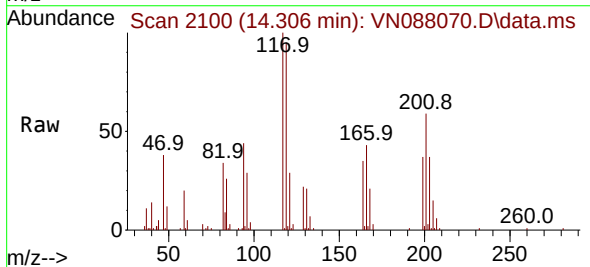
Manual Integrations
APPROVED

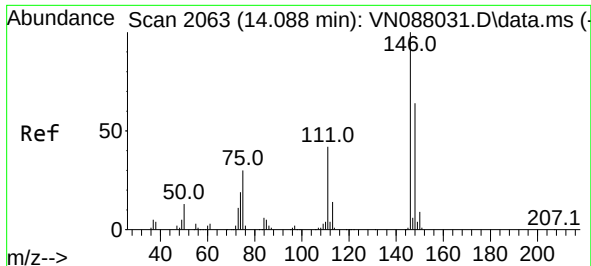
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#86
Hexachloroethane
Concen: 16.020 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

Tgt Ion:117 Resp: 43605
Ion Ratio Lower Upper
117 100
201 57.9 34.8 104.3





#87

1,2-Dichlorobenzene

Concen: 16.868 ug/l

RT: 14.082 min Scan# 2063

Delta R.T. -0.006 min

Lab File: VN088070.D

Acq: 17 Oct 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:146 Resp: 117280

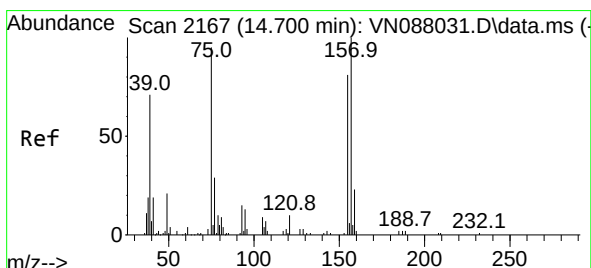
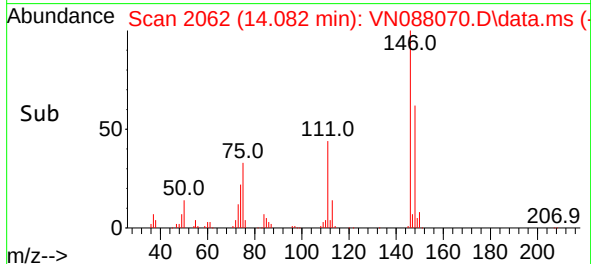
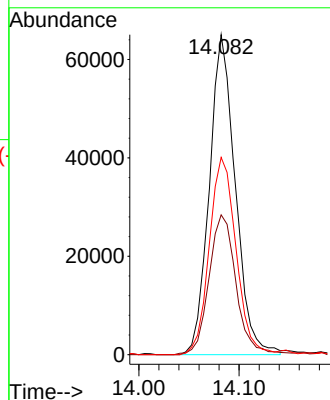
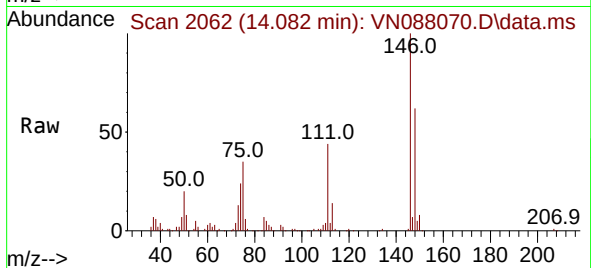
Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.3	66.8
148	63.3	31.4	94.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.154 ug/l

RT: 14.694 min Scan# 2166

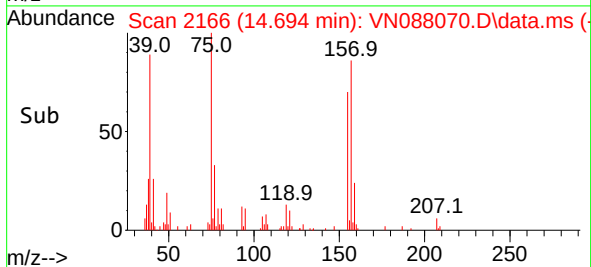
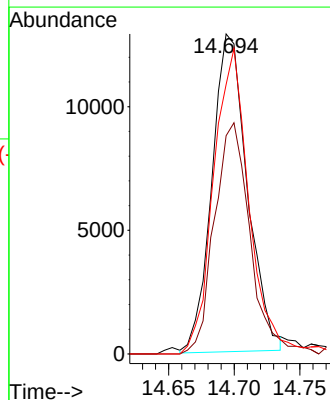
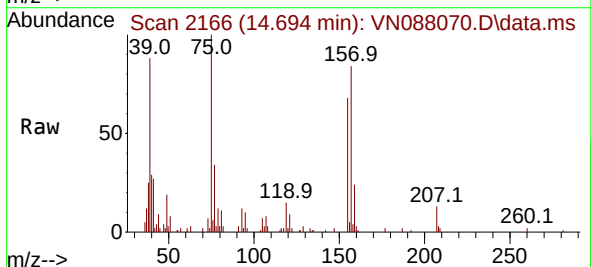
Delta R.T. -0.006 min

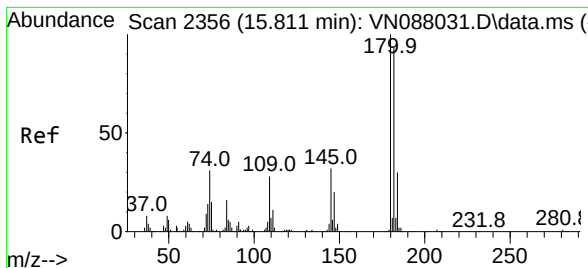
Lab File: VN088070.D

Acq: 17 Oct 2025 16:20

Tgt Ion: 75 Resp: 24122

Ion	Ratio	Lower	Upper
75	100		
155	72.4	63.5	95.3
157	95.9	81.7	122.5





#89

1,2,4-Trichlorobenzene

Concen: 16.320 ug/l

RT: 15.811 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN088070.D

Acq: 17 Oct 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

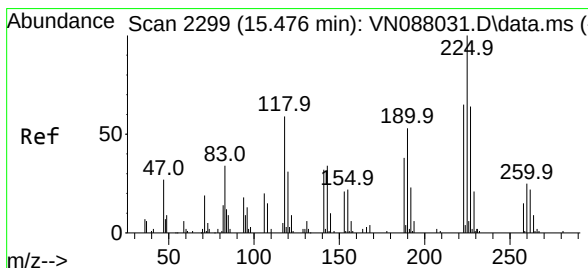
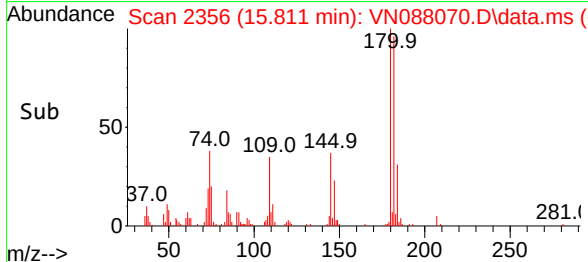
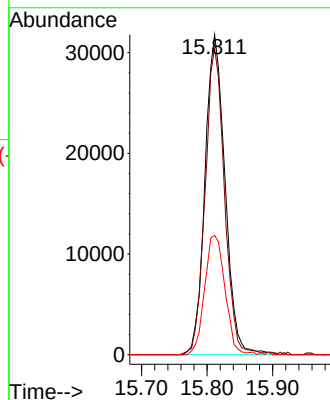
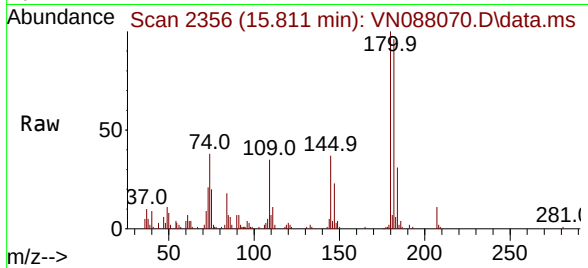
Tgt Ion:180	Resp:	67590
Ion Ratio	Lower	Upper
180	100	
182	92.3	74.6 112.0
145	37.6	27.2 40.8

Manual Integrations

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Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#90

Hexachlorobutadiene

Concen: 16.294 ug/l

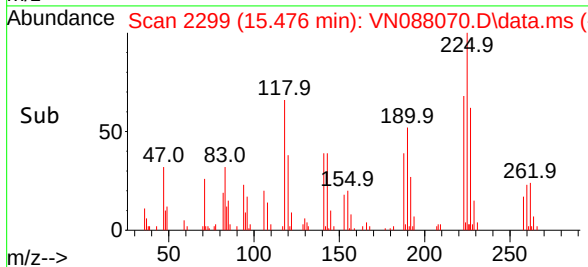
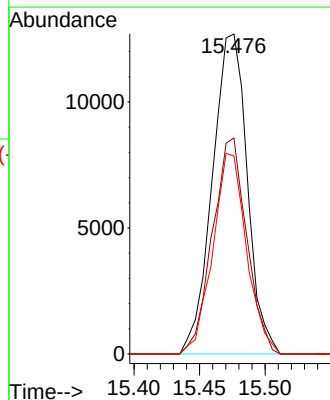
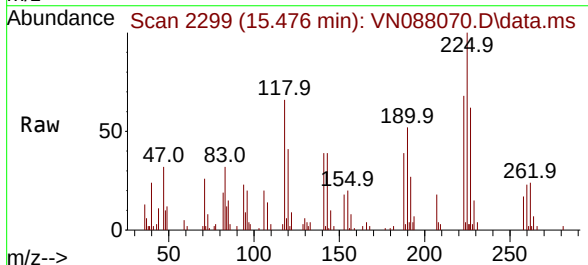
RT: 15.476 min Scan# 2299

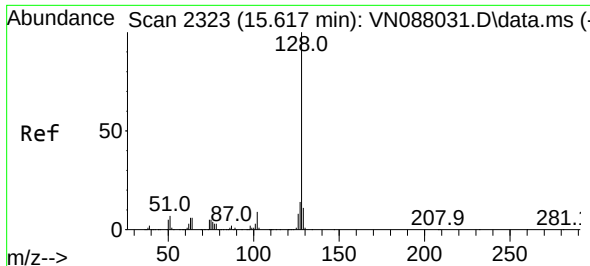
Delta R.T. 0.000 min

Lab File: VN088070.D

Acq: 17 Oct 2025 16:20

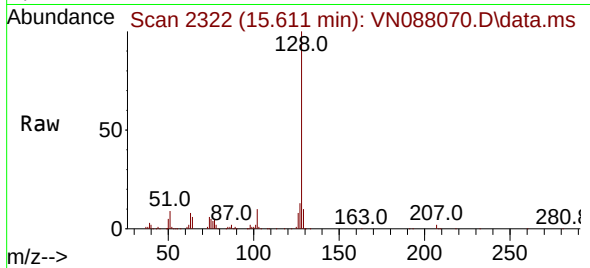
Tgt Ion:225	Resp:	23486
Ion Ratio	Lower	Upper
225	100	
223	66.2	0.0 129.6
227	60.6	0.0 132.2





#91
Naphthalene
Concen: 17.920 ug/l
RT: 15.611 min Scan# 2323
Delta R.T. -0.006 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20

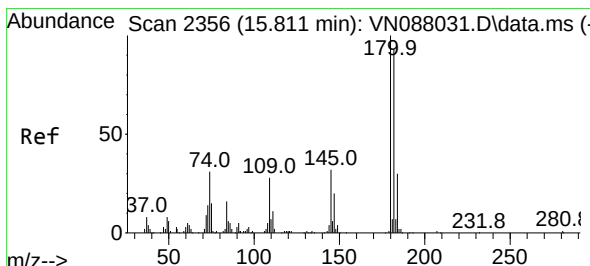
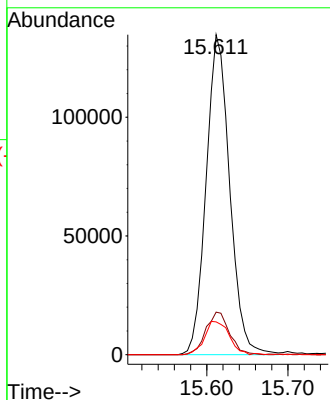
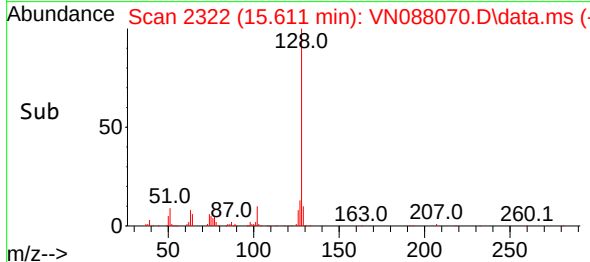
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



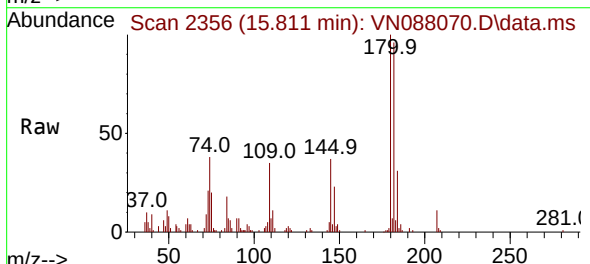
Tgt Ion:128 Resp: 271710
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.8 8.6 13.0

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



#92
1,2,3-Trichlorobenzene
Concen: 16.320 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088070.D
Acq: 17 Oct 2025 16:20



Tgt Ion:180 Resp: 67590
Ion Ratio Lower Upper
180 100
182 92.3 0.0 186.6
145 37.6 0.0 68.0

