

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
 Data File : VN087466.D
 Acq On : 05 Aug 2025 19:17
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/06/2025
 Supervised By : Mahesh Dadoda 08/06/2025

Quant Time: Aug 06 02:46:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	66340	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	344745	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	301649	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	186732	30.517	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.733%			
60) 4-Bromofluorobenzene	12.829	95	155394	29.934	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.767%			
63) Toluene-d8	10.547	98	426706	30.743	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.467%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	70458	16.267	ug/l	99
3) Chloromethane	2.383	50	77203	17.373	ug/l	100
4) Vinyl Chloride	2.542	62	78381	16.630	ug/l	93
5) Bromomethane	2.983	94	48623	19.059	ug/l	80
6) Chloroethane	3.142	64	54411	17.903	ug/l	99
7) Trichlorofluoromethane	3.512	101	104692	15.434	ug/l	99
8) Diethyl Ether	3.965	74	53990	19.105	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	55941	16.172	ug/l	87
10) 1,1-Dichloroethene	4.342	96	58993	16.236	ug/l	90
11) Methyl Iodide	4.583	142	47195	16.497	ug/l	98
12) Methyl Acetate	5.018	43	131349	19.590	ug/l	100
13) Acrolein	4.177	56	103169	100.744	ug/l	98
14) Acrylonitrile	5.706	53	267336	91.309	ug/l	98
15) Acetone	4.424	58	72334	86.467	ug/l	91
16) Carbon Disulfide	4.706	76	185912	16.495	ug/l	99
17) Allyl chloride	5.018	41	129012	17.421	ug/l	94
18) Methylene Chloride	5.271	84	83505	17.853	ug/l	96
19) trans-1,2-Dichloroethene	5.777	96	72016	16.667	ug/l	97
20) Diisopropyl ether	6.665	45	299277	17.739	ug/l	99
21) 1,1-Dichloroethane	6.559	63	158261	18.148	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	92938	17.482	ug/l	98
23) tert-Butyl Alcohol	5.524	59	114102	91.713	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	305280	18.439	ug/l	97
25) Chloroform	7.953	83	160724	17.657	ug/l	99
26) Cyclohexane	8.235	56	112431	16.102	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	94889	16.876	ug/l	99
30) 2-Butanone	7.471	43	404382	97.567	ug/l	100
31) 2,2-Dichloropropane	7.477	77	117444	16.195	ug/l #	77
32) 1,1,1-Trichloroethane	8.153	97	127537	17.784	ug/l	97
33) Carbon Tetrachloride	8.341	117	98283	16.497	ug/l	91
34) Benzene	8.588	78	324981	18.309	ug/l	97
35) Methacrylonitrile	7.765	41	88341	19.752	ug/l	98
36) 1,2-Dichloroethane	8.653	62	143551	20.010	ug/l	98
37) Trichloroethene	9.335	130	68264	17.460	ug/l	92
38) Methylcyclohexane	9.582	83	107845	16.533	ug/l	97
39) 1,2-Dichloropropane	9.600	63	86086	18.917	ug/l	97
40) Dibromomethane	9.688	93	63478	18.591	ug/l	94
41) Bromodichloromethane	9.871	83	131039	18.469	ug/l	97
42) Vinyl Acetate	6.588	43	1462688	107.163	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	165626m	20.685	ug/l	
44) Isopropyl Acetate	8.677	43	266488	19.634	ug/l	100
45) 1,4-Dioxane	9.682	88	33339	385.307	ug/l	98
46) Methyl methacrylate	9.665	41	109448	17.083	ug/l	91
47) n-amyl Acetate	12.523	43	149257m	19.907	ug/l	
48) t-1,3-Dichloropropene	10.818	75	135243	17.521	ug/l	96
49) cis-1,3-Dichloropropene	10.294	75	143273	18.443	ug/l	99
50) 1,1,2-Trichloroethane	10.994	97	82515	19.127	ug/l	94
51) Ethyl methacrylate	10.853	69	142595	18.768	ug/l	98
52) 1,3-Dichloropropane	11.141	76	147352	18.959	ug/l	97
53) Dibromochloromethane	11.341	129	91099	18.285	ug/l	99
54) 1,2-Dibromoethane	11.447	107	87072	19.013	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	403451	100.871	ug/l	99
56) Bromoform	12.559	173	56428	17.124	ug/l #	98
58) 4-Methyl-2-Pentanone	10.423	43	808190	104.151	ug/l	99
59) 2-Hexanone	11.176	43	536141	101.688	ug/l	100
61) Tetrachloroethene	11.082	164	51133	17.399	ug/l	96
62) Toluene	10.606	91	334969	17.992	ug/l	99
64) Chlorobenzene	11.870	112	205400	17.955	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	73909	18.375	ug/l	99
66) Ethyl Benzene	11.941	91	358400	17.271	ug/l	100
67) m/p-Xylenes	12.053	106	259575	34.079	ug/l	99
68) o-Xylene	12.376	106	132125	17.632	ug/l	100
69) Styrene	12.394	104	226847	17.729	ug/l	99
70) Isopropylbenzene	12.670	105	325789	17.113	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	129280	19.819	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	128271m	21.108	ug/l	
73) Bromobenzene	12.959	156	76947	17.435	ug/l	96
74) n-propylbenzene	13.012	91	410297	17.257	ug/l	99
75) 2-Chlorotoluene	13.100	91	253093	17.305	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	276506	16.963	ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	36503	15.868	ug/l	94
78) 4-Chlorotoluene	13.200	91	256186	17.285	ug/l	99
79) tert-butylbenzene	13.417	119	240811	17.522	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	285822	17.548	ug/l	100
81) sec-Butylbenzene	13.594	105	347157	17.351	ug/l	99
82) p-Isopropyltoluene	13.706	119	289043	17.399	ug/l	99
83) 1,3-Dichlorobenzene	13.711	146	147672	17.571	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	147514	17.313	ug/l	98
85) n-Butylbenzene	14.035	91	280872	17.281	ug/l	99
86) Hexachloroethane	14.311	117	50744	15.642	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	142956	17.820	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.694	75	32655	19.761	ug/l	94
89) 1,2,4-Trichlorobenzene	15.811	180	84979	17.725	ug/l	98
90) Hexachlorobutadiene	15.470	225	30062	16.125	ug/l	93
91) Naphthalene	15.611	128	338259	18.504	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	84979	17.725	ug/l	98

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

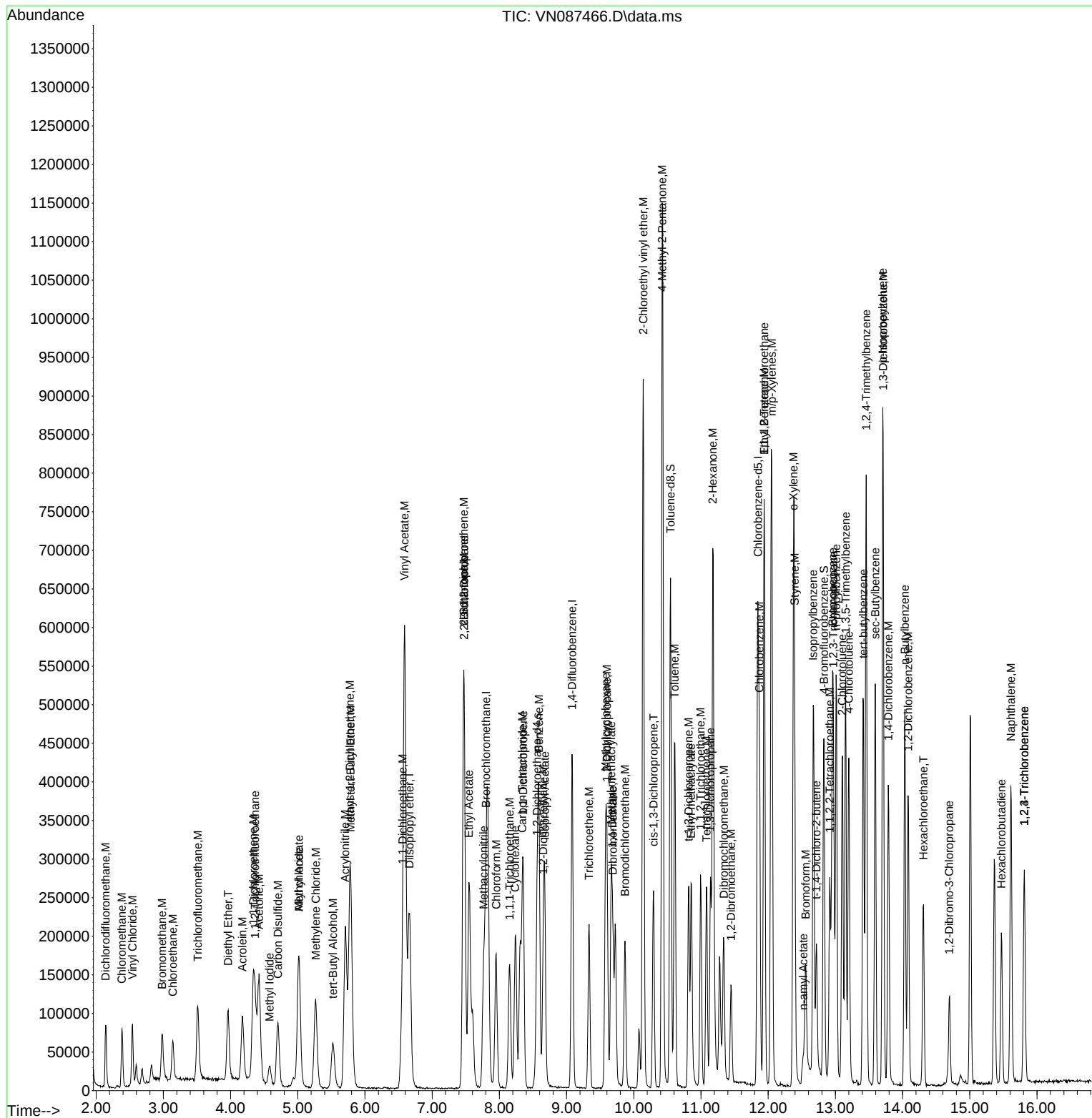
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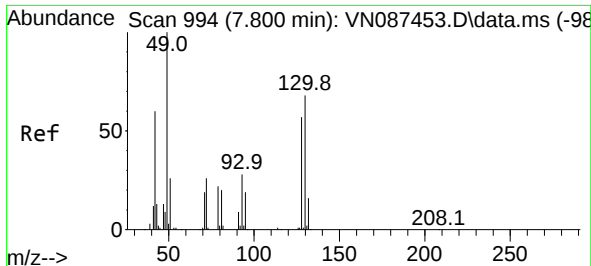
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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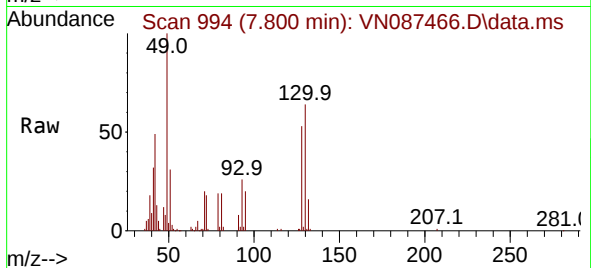
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

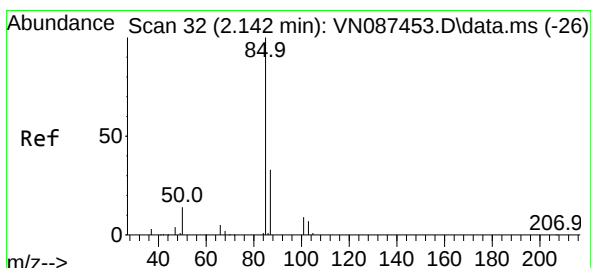
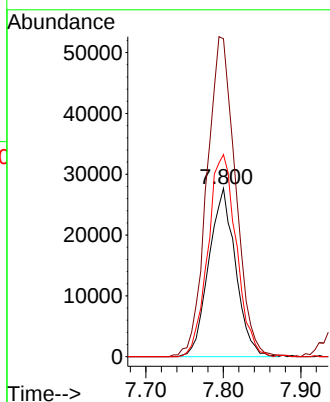
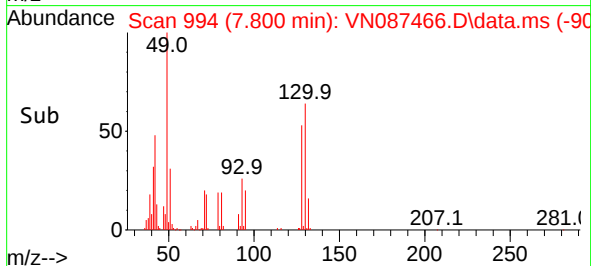
Instrument :
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ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 66340
Ion Ratio Lower Upper
128 100
49 203.8 0.0 494.8
130 127.5 0.0 321.5

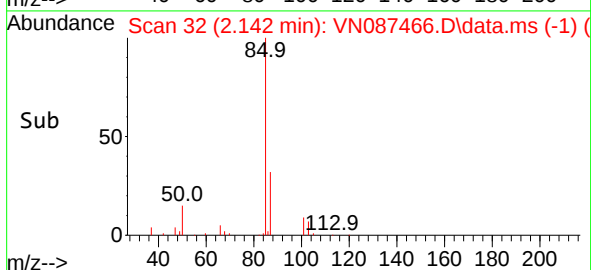
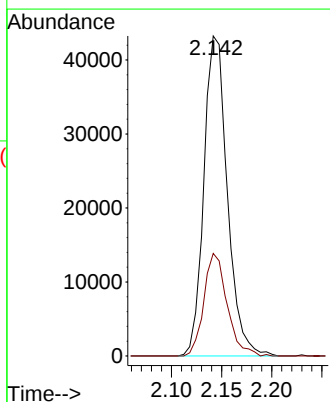
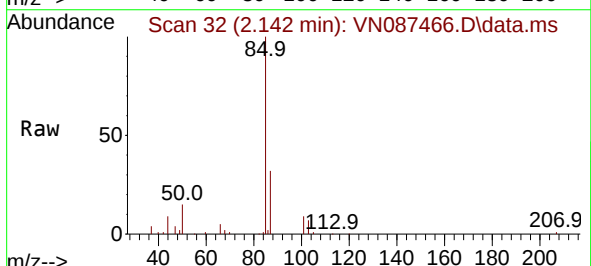
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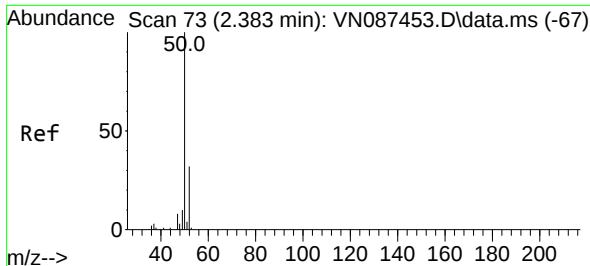
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#2
Dichlorodifluoromethane
Concen: 16.267 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

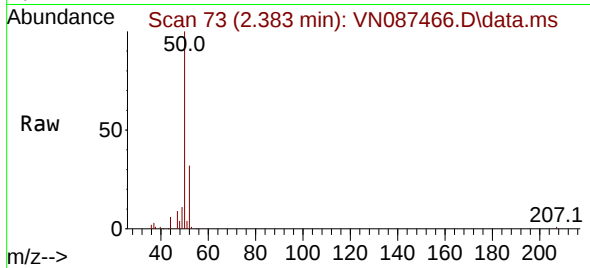
Tgt Ion: 85 Resp: 70458
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.2





#3
Chloromethane
Concen: 17.373 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

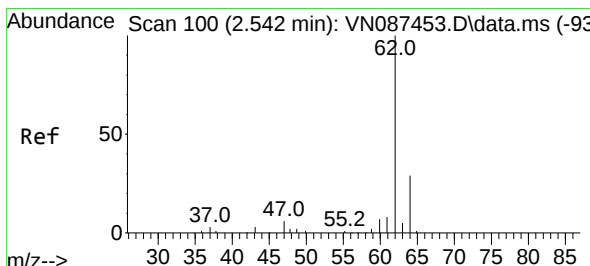
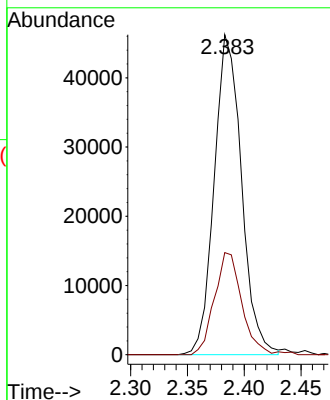
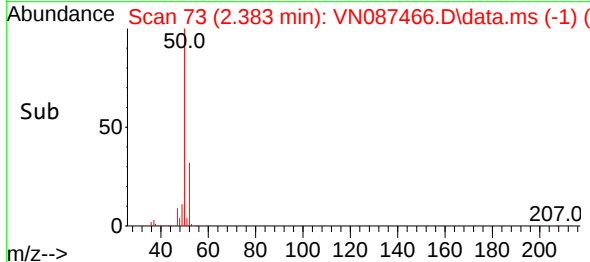
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Tgt Ion: 50 Resp: 7720
Ion Ratio Lower Upper
50 100
52 31.9 25.8 38.6

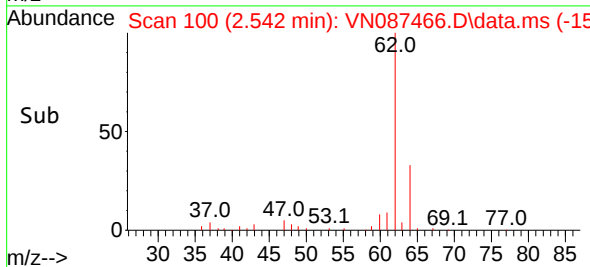
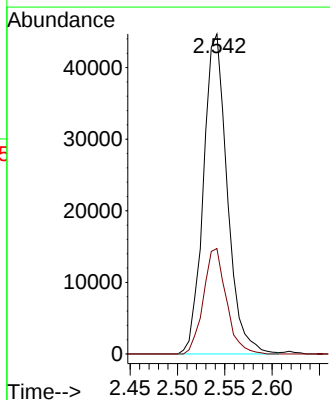
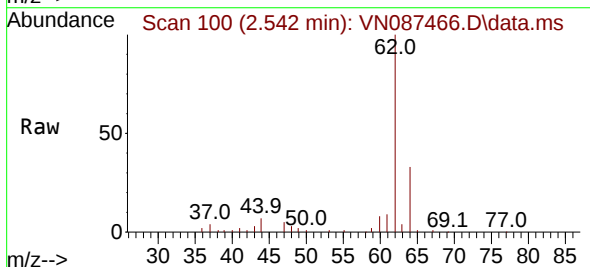
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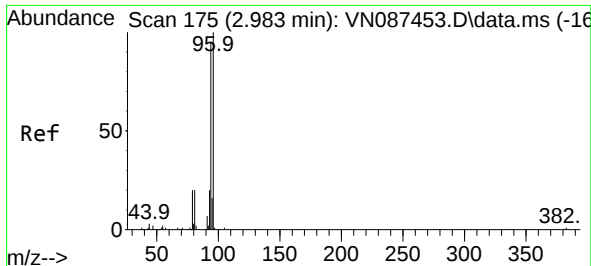
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#4
Vinyl Chloride
Concen: 16.630 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

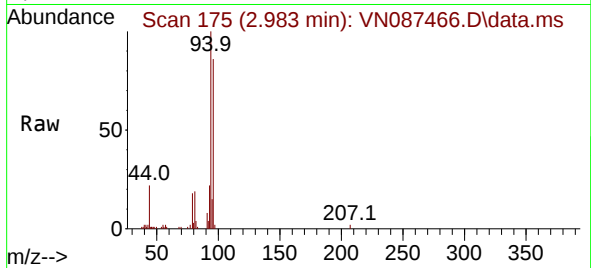
Tgt Ion: 62 Resp: 78381
Ion Ratio Lower Upper
62 100
64 33.0 23.4 35.2





#5
Bromomethane
Concen: 19.059 ug/l
RT: 2.983 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

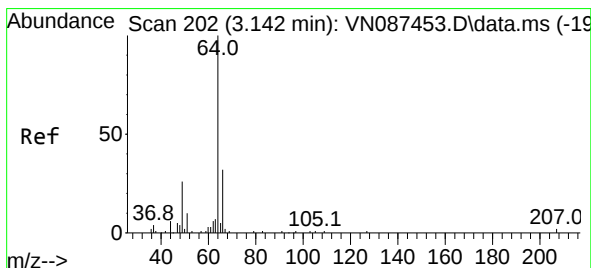
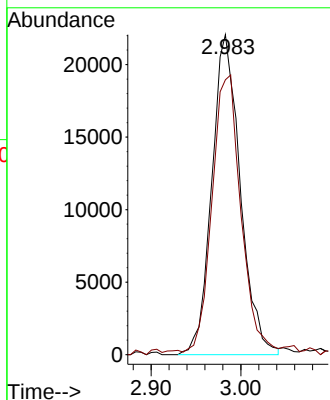
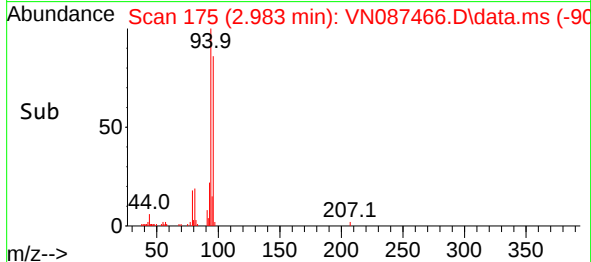
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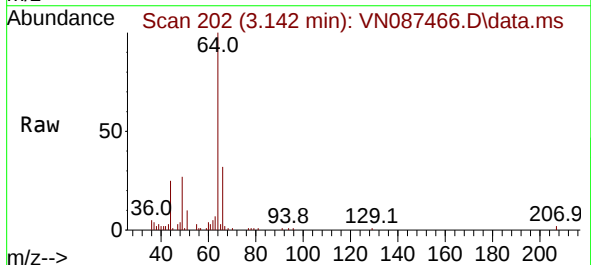
Tgt Ion: 94 Resp: 4862
Ion Ratio Lower Upper
94 100
96 84.6 84.2 126.4

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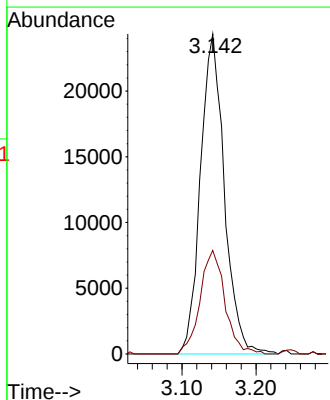
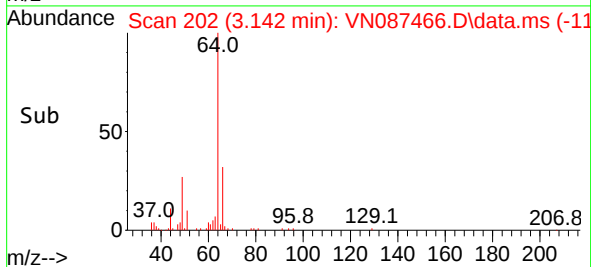
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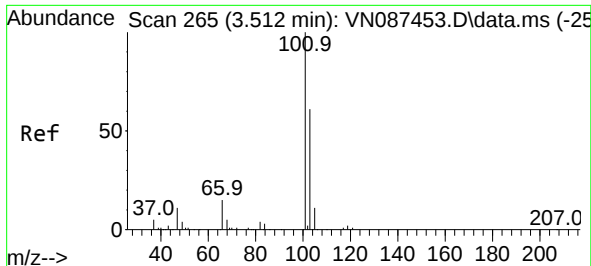


#6
Chloroethane
Concen: 17.903 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087466.D
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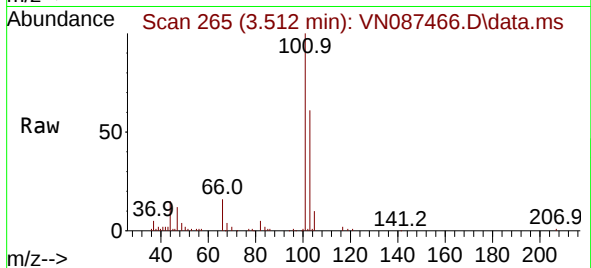
Tgt Ion: 64 Resp: 54411
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 15.434 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN087466.D
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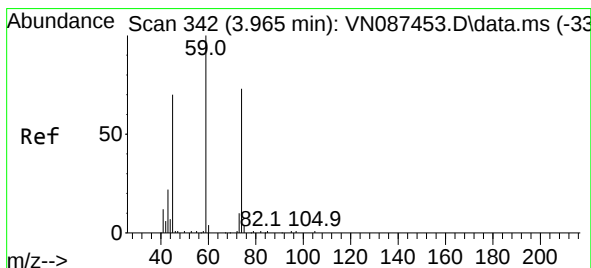
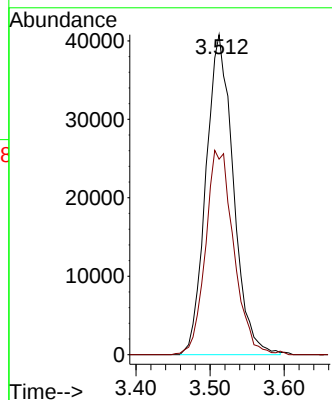
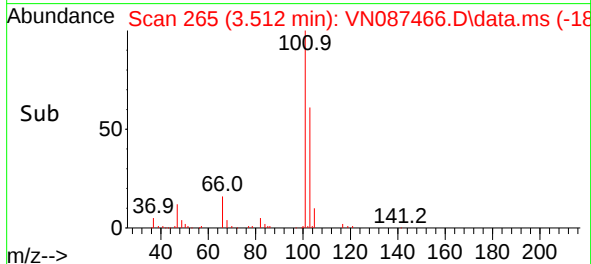
Instrument :
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Tgt Ion: 101 Resp: 104692
 Ion Ratio Lower Upper
 101 100
 103 60.6 49.2 73.8

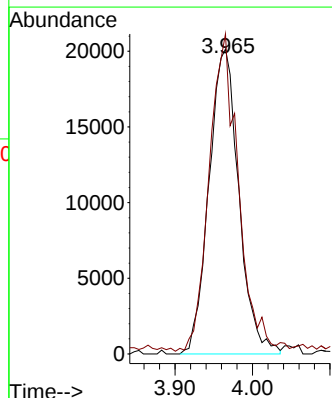
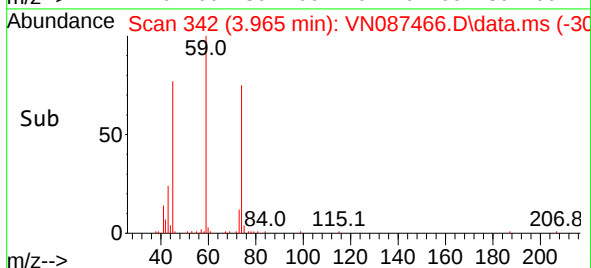
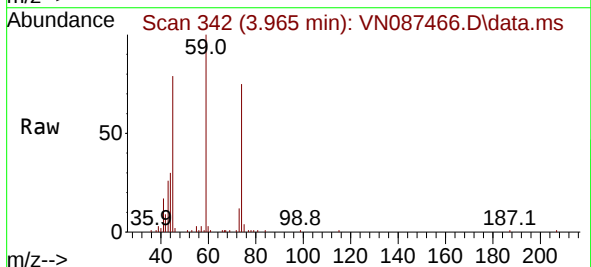
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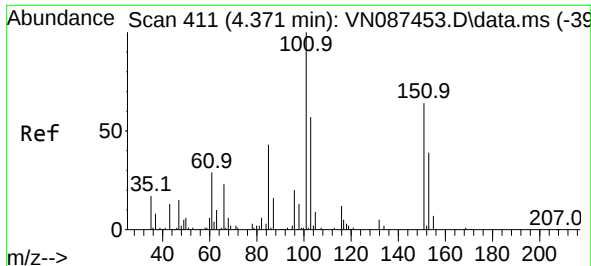
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#8
 Diethyl Ether
 Concen: 19.105 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN087466.D
 Acq: 05 Aug 2025 19:17

Tgt Ion: 74 Resp: 53990
 Ion Ratio Lower Upper
 74 100
 45 100.5 20.1 180.9





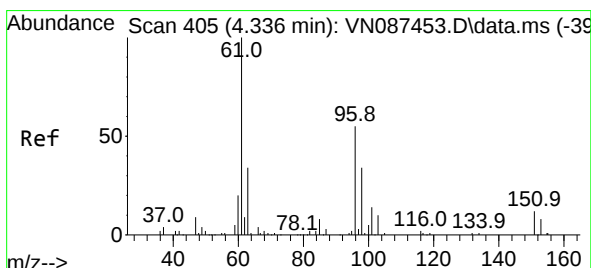
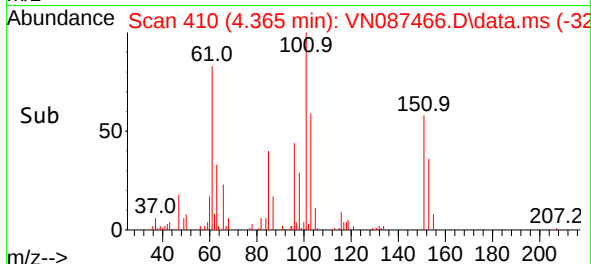
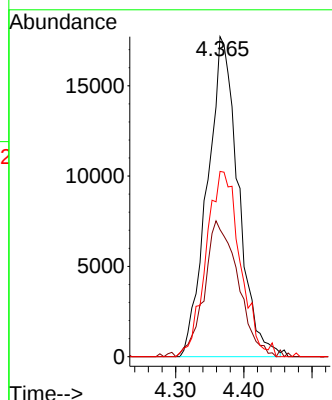
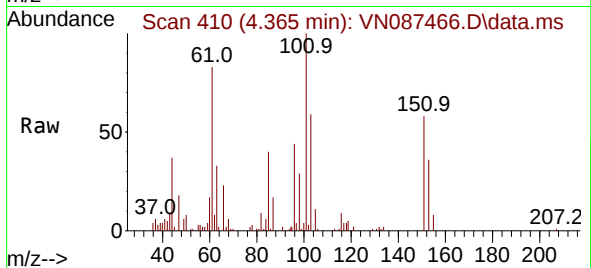
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.172 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 101 Resp: 5594
Ion Ratio Lower Upper
101 100
85 45.9 0.0 57.0
151 63.2 0.0 134.2

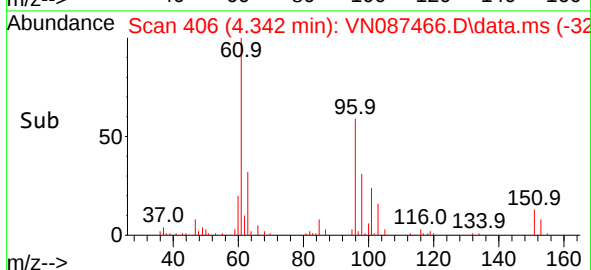
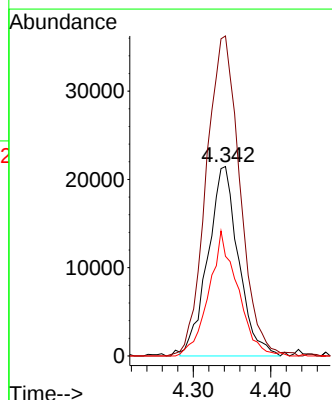
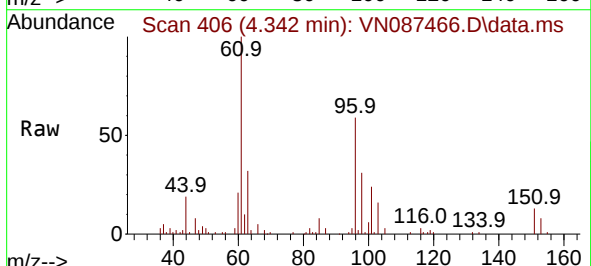
Manual Integrations
APPROVED

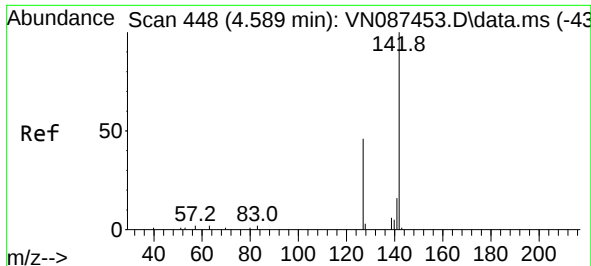
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#10
1,1-Dichloroethene
Concen: 16.236 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

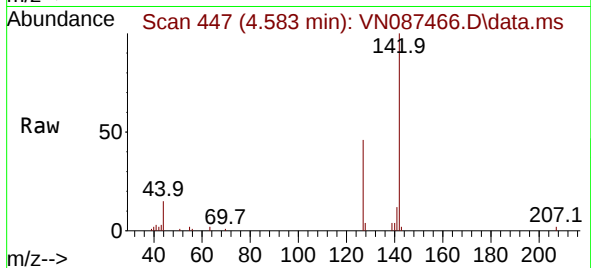
Tgt Ion: 96 Resp: 58993
Ion Ratio Lower Upper
96 100
61 167.2 144.2 216.4
98 51.7 49.7 74.5





#11
Methyl Iodide
Concen: 16.497 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

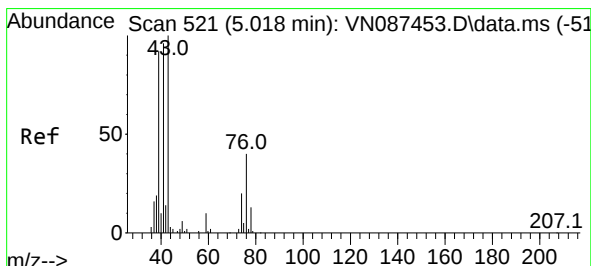
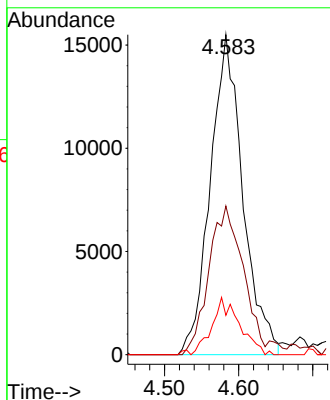
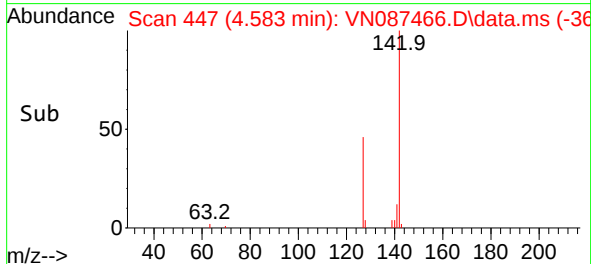
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 4719
Ion Ratio Lower Upper
142 100
127 45.6 22.9 68.7
141 12.5 7.7 23.1

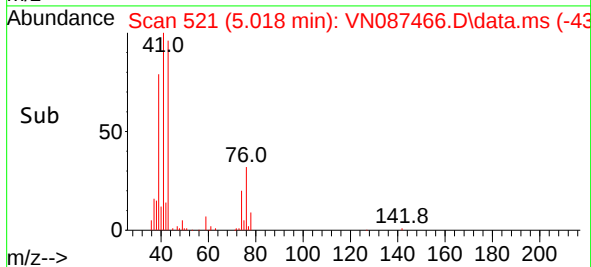
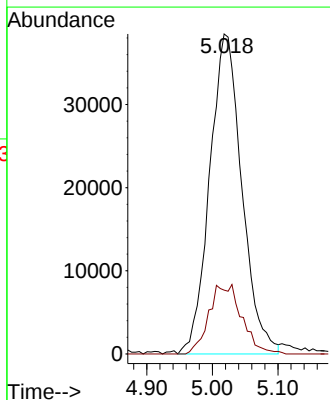
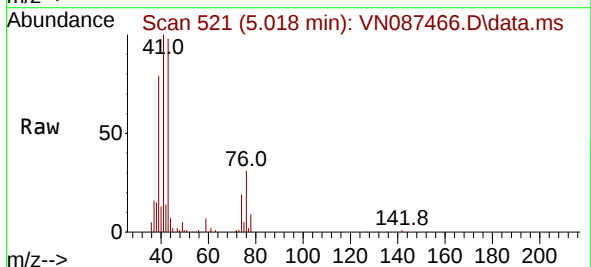
Manual Integrations
APPROVED

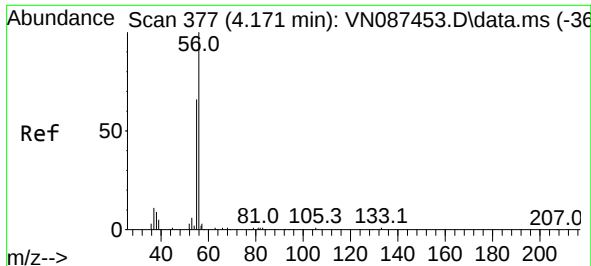
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#12
Methyl Acetate
Concen: 19.590 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

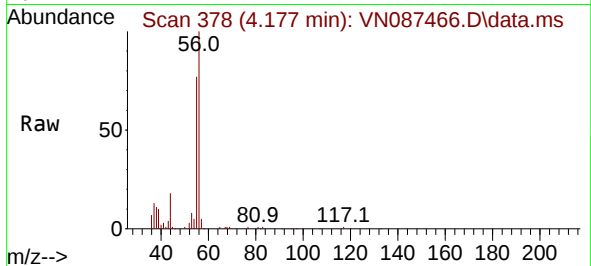
Tgt Ion: 43 Resp: 131349
Ion Ratio Lower Upper
43 100
74 19.8 16.0 24.0





#13
Acrolein
Concen: 100.744 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

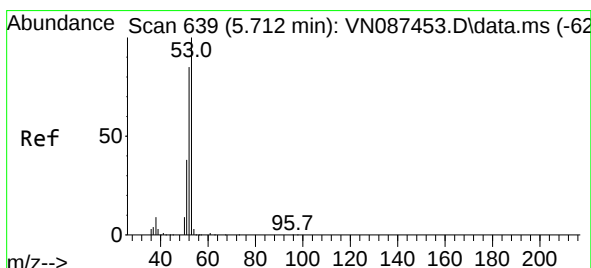
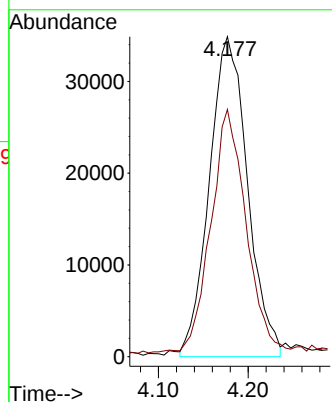
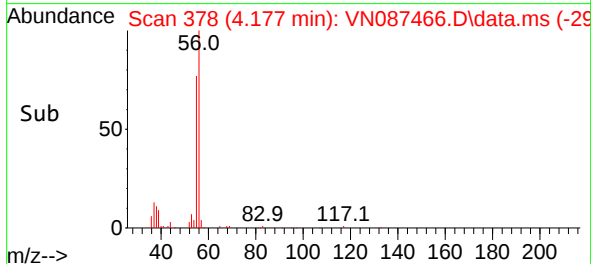
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



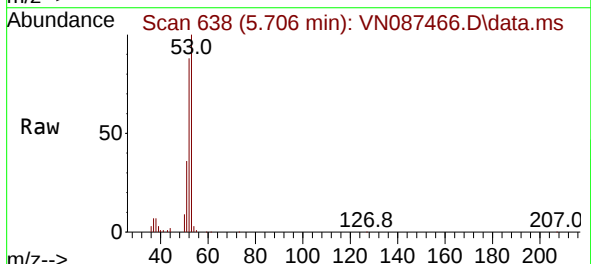
Tgt Ion: 56 Resp: 103169
Ion Ratio Lower Upper
56 100
55 69.7 57.4 86.0

Manual Integrations
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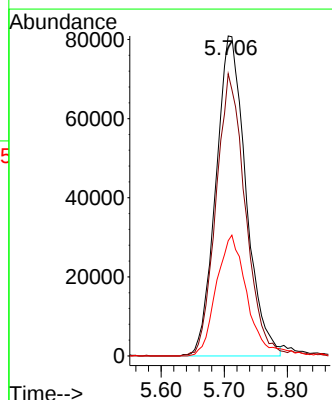
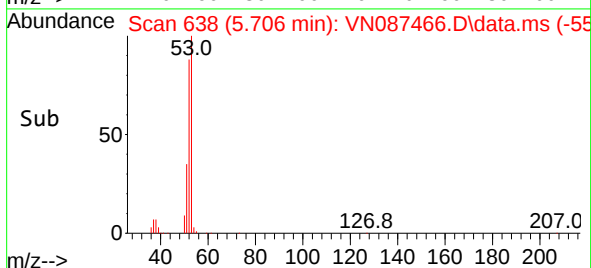
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

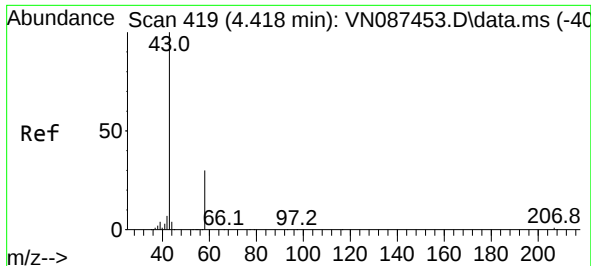


#14
Acrylonitrile
Concen: 91.309 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17



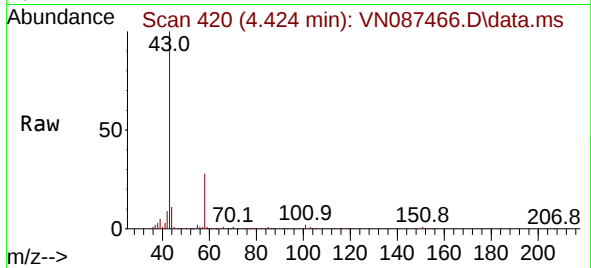
Tgt Ion: 53 Resp: 267336
Ion Ratio Lower Upper
53 100
52 85.8 42.4 127.2
51 38.7 18.5 55.5





#15
Acetone
Concen: 86.467 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

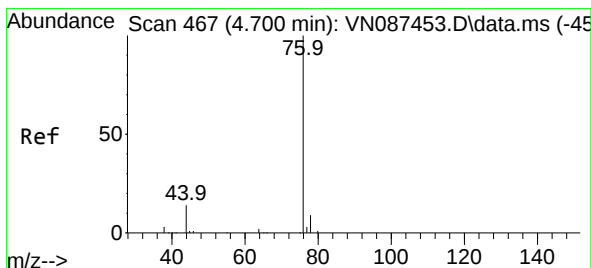
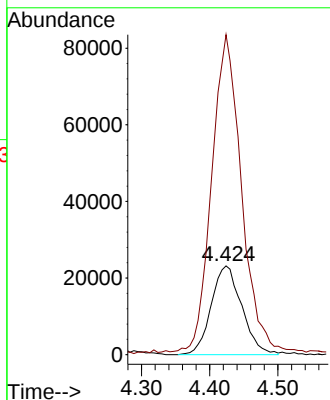
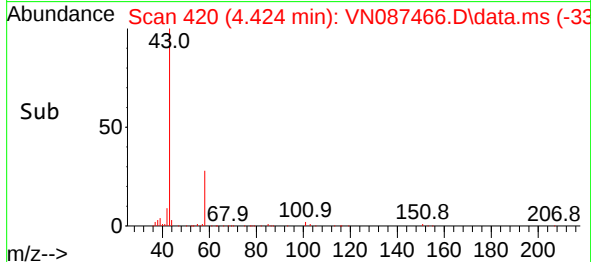
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 72334
Ion Ratio Lower Upper
58 100
43 355.7 268.9 403.3

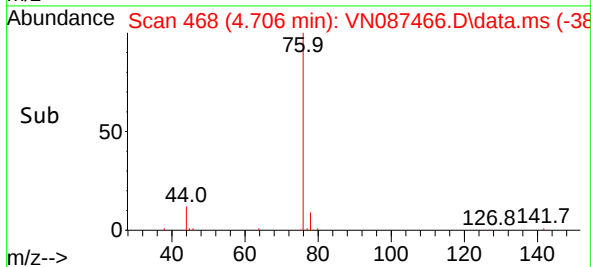
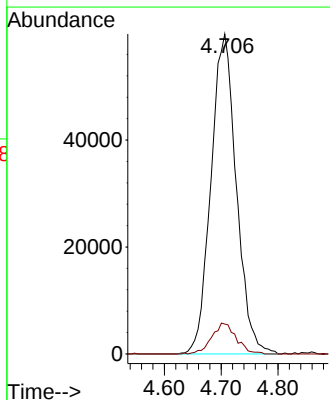
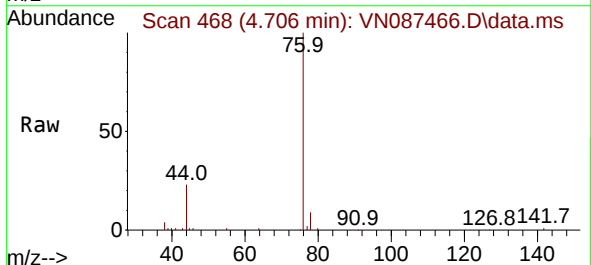
Manual Integrations
APPROVED

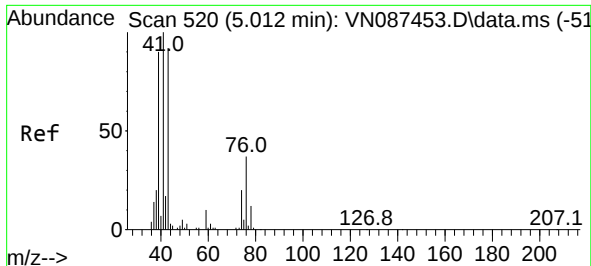
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#16
Carbon Disulfide
Concen: 16.495 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

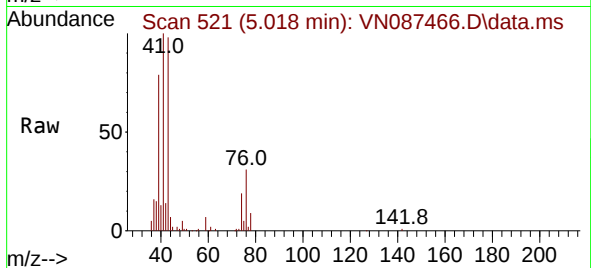
Tgt Ion: 76 Resp: 185912
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7





#17
 Allyl chloride
 Concen: 17.421 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN087466.D
 Acq: 05 Aug 2025 19:17

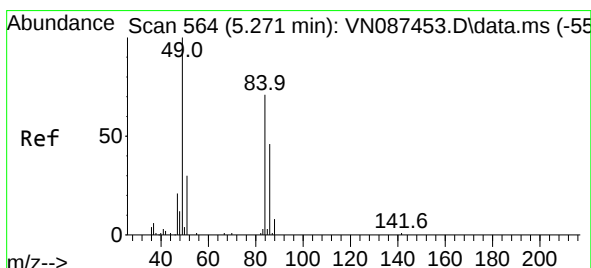
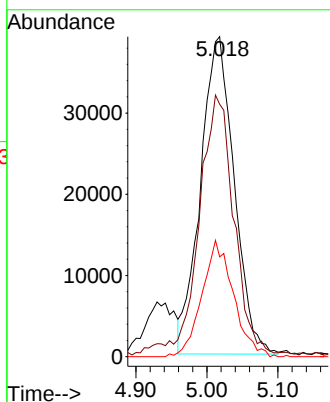
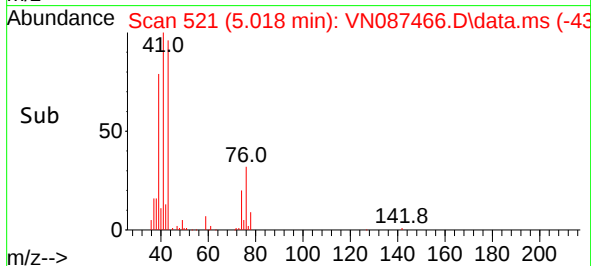
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 12901
 Ion Ratio Lower Upper
 41 100
 39 78.8 42.4 127.2
 76 31.7 16.9 50.6

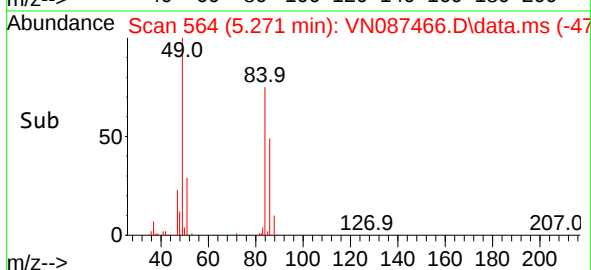
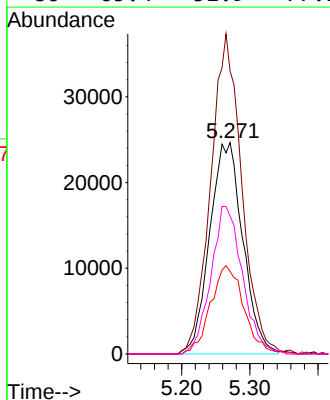
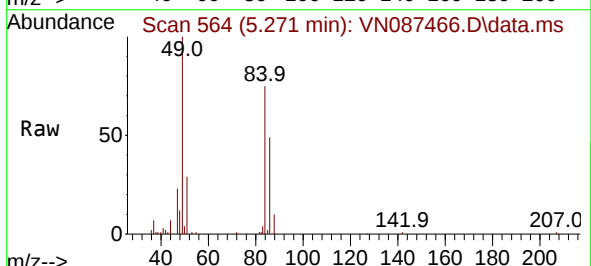
Manual Integrations
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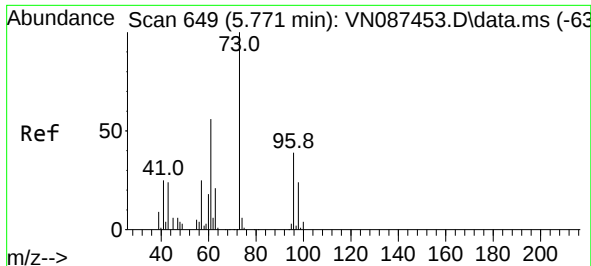
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#18
 Methylene Chloride
 Concen: 17.853 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.000 min
 Lab File: VN087466.D
 Acq: 05 Aug 2025 19:17

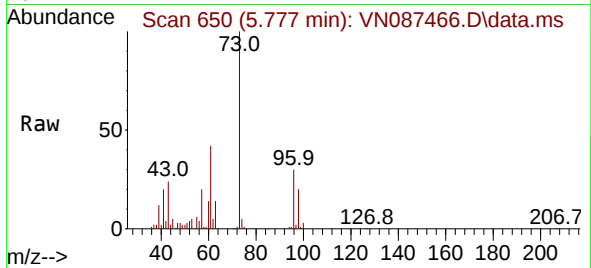
Tgt Ion: 84 Resp: 83505
 Ion Ratio Lower Upper
 84 100
 49 133.9 112.9 169.3
 51 39.1 33.8 50.8
 86 65.4 51.9 77.9





#19
trans-1,2-Dichloroethene
Concen: 16.667 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

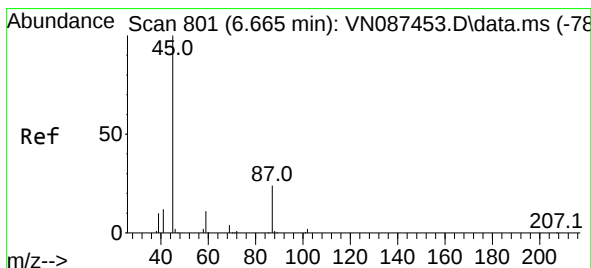
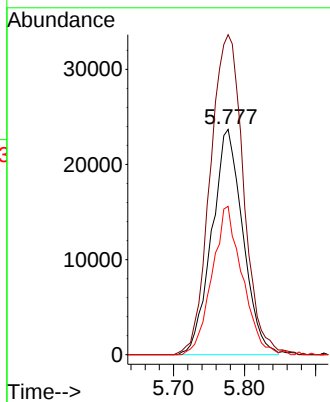
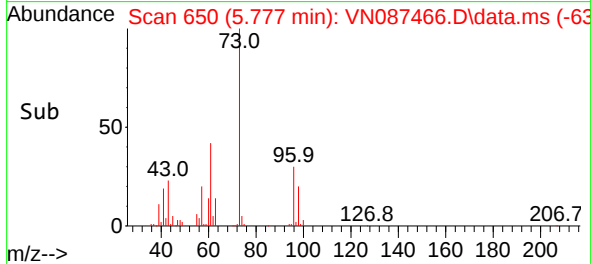
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 72010
Ion Ratio Lower Upper
96 100
61 141.1 114.2 171.4
98 65.9 48.7 73.1

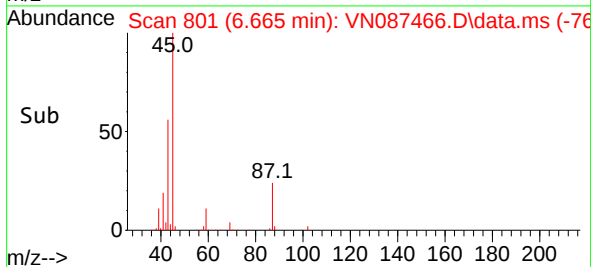
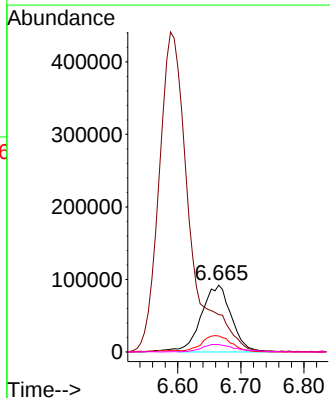
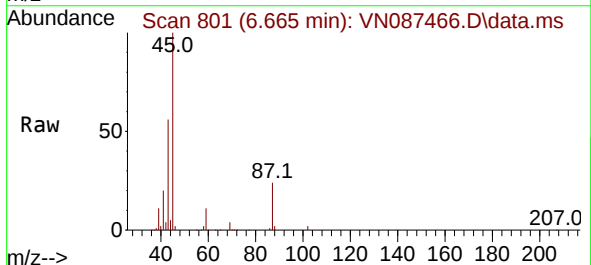
Manual Integrations
APPROVED

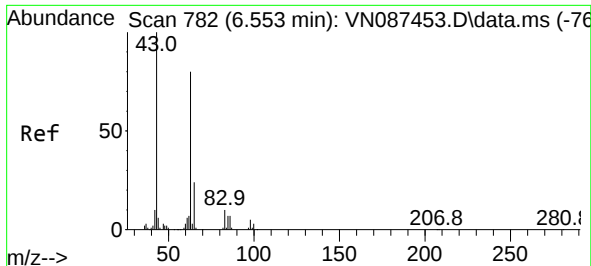
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#20
Diisopropyl ether
Concen: 17.739 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

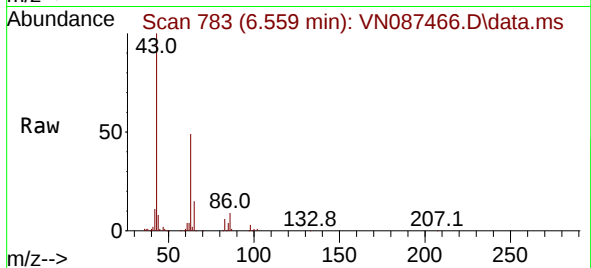
Tgt Ion: 45 Resp: 299277
Ion Ratio Lower Upper
45 100
43 55.3 44.7 67.1
87 24.2 20.2 30.2
59 10.7 8.7 13.1





#21
1,1-Dichloroethane
Concen: 18.148 ug/l
RT: 6.559 min Scan# 782
Delta R.T. 0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

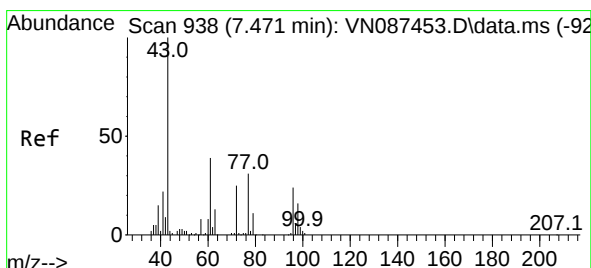
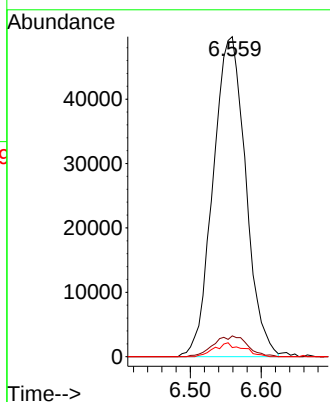
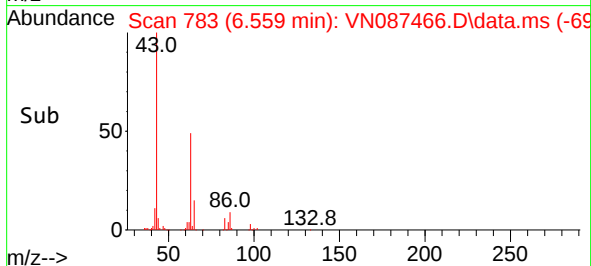
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 15826
Ion Ratio Lower Upper
63 100
98 6.5 3.0 9.0
100 2.8 1.9 5.7

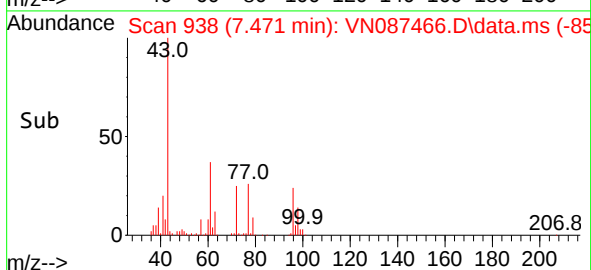
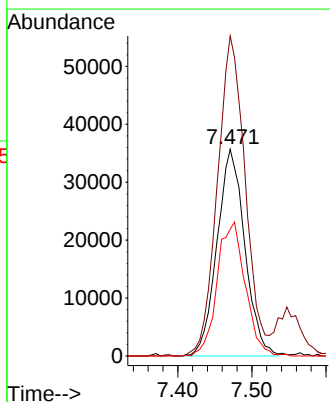
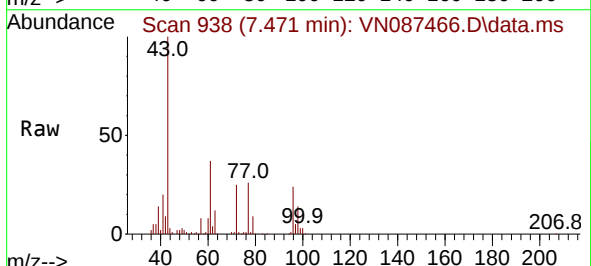
Manual Integrations
APPROVED

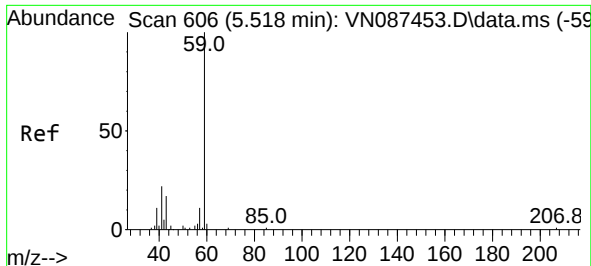
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#22
cis-1,2-Dichloroethene
Concen: 17.482 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

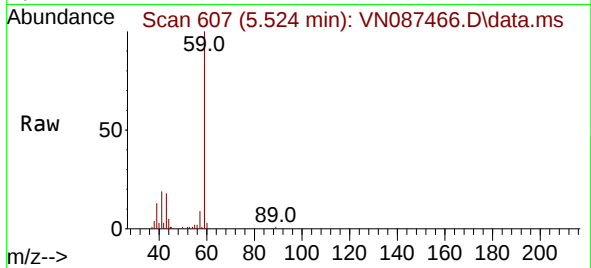
Tgt Ion: 96 Resp: 92938
Ion Ratio Lower Upper
96 100
61 155.2 126.6 190.0
98 65.0 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 91.713 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

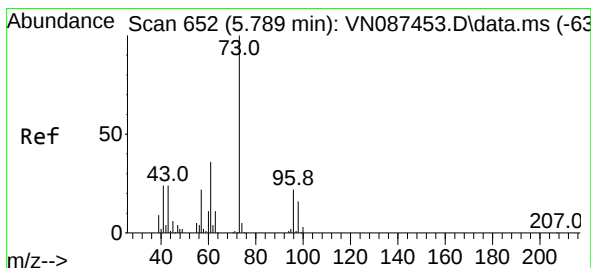
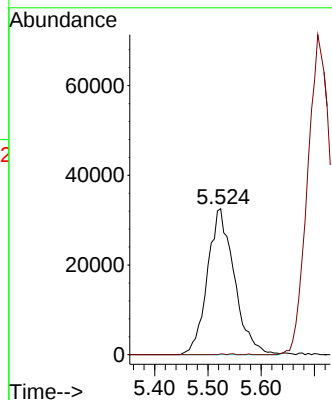
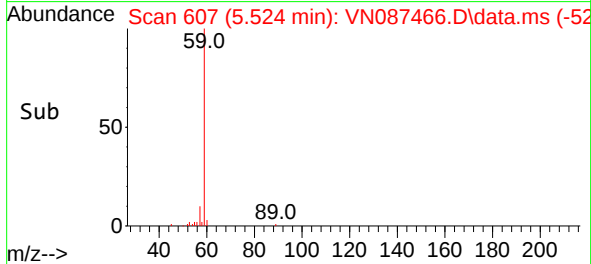
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 11410
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

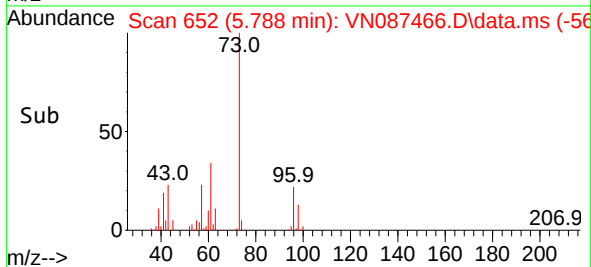
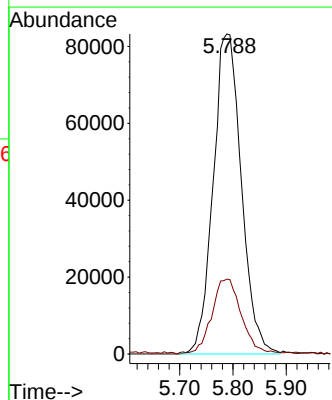
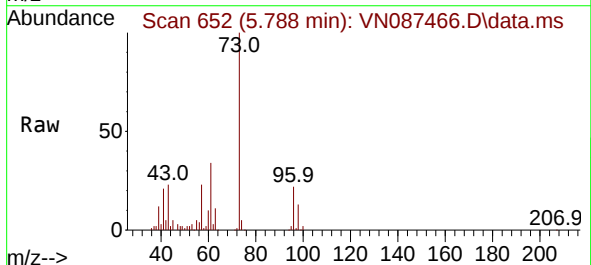
Manual Integrations
APPROVED

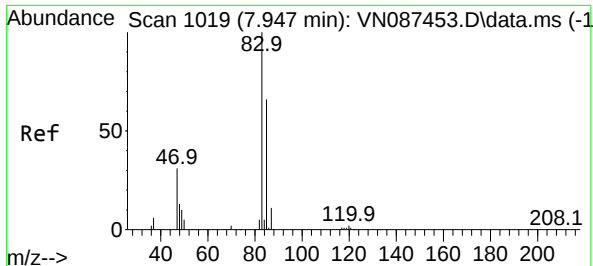
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#24
Methyl tert-Butyl Ether
Concen: 18.439 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

Tgt Ion: 73 Resp: 305280
Ion Ratio Lower Upper
73 100
43 23.2 19.9 29.9





#25

Chloroform

Concen: 17.657 ug/l

RT: 7.953 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VN087466.D

Acq: 05 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 160724

Ion Ratio Lower Upper

83 100

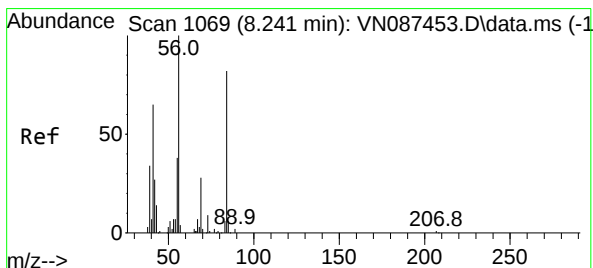
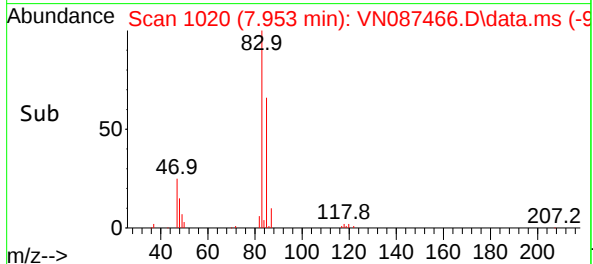
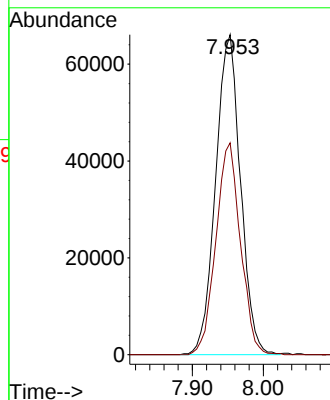
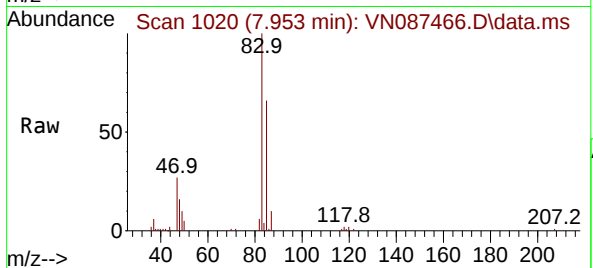
85 66.2 52.6 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#26

Cyclohexane

Concen: 16.102 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087466.D

Acq: 05 Aug 2025 19:17

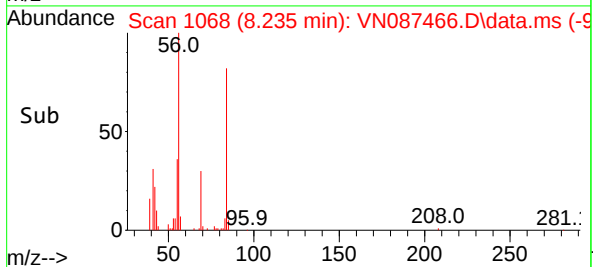
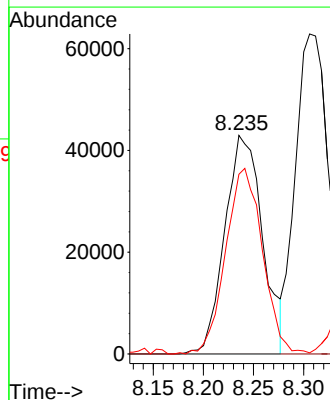
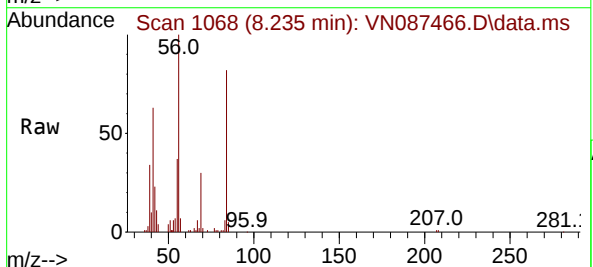
Tgt Ion: 56 Resp: 112431

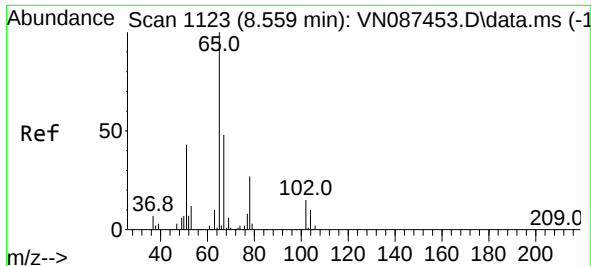
Ion Ratio Lower Upper

56 100

89 0.0 2.3 3.5

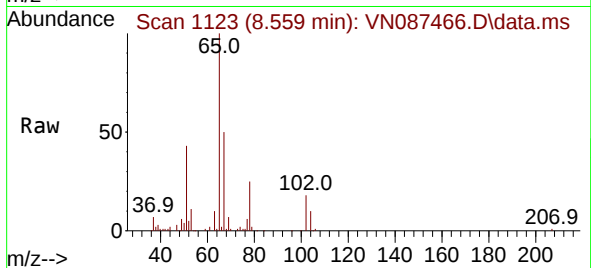
84 82.5 67.0 100.4





#27
1,2-Dichloroethane-d4
Concen: 30.517 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

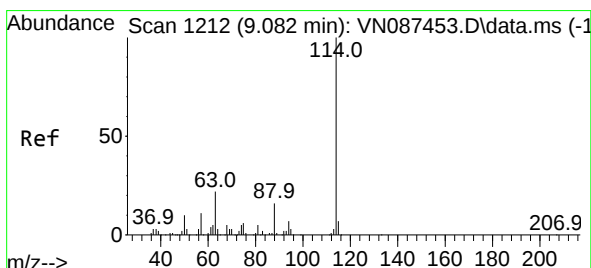
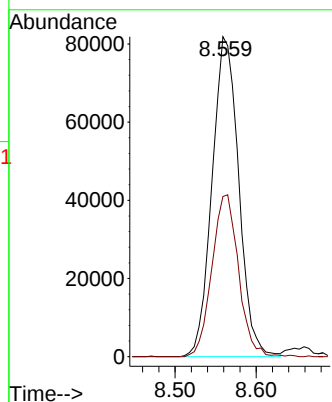
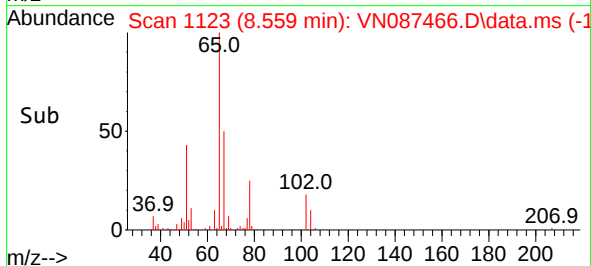
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



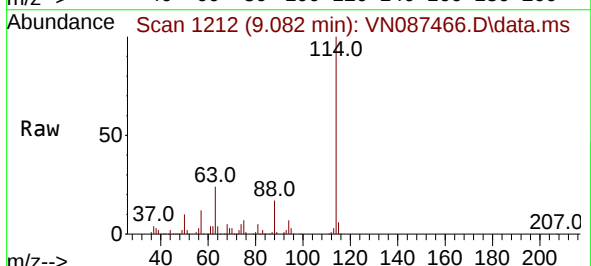
Tgt Ion: 65 Resp: 186732
Ion Ratio Lower Upper
65 100
67 50.3 40.8 61.2

Manual Integrations
APPROVED

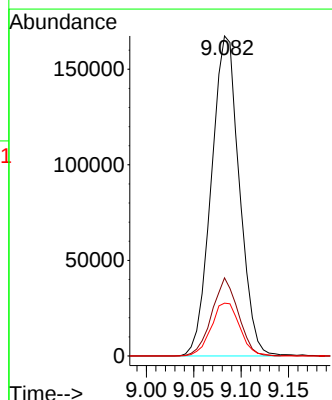
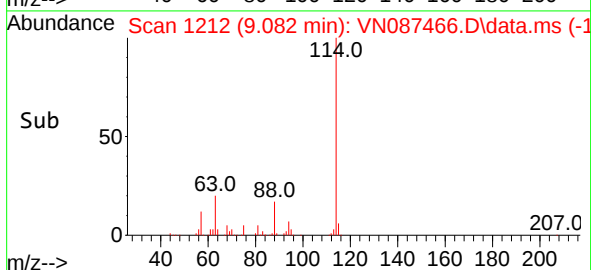
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

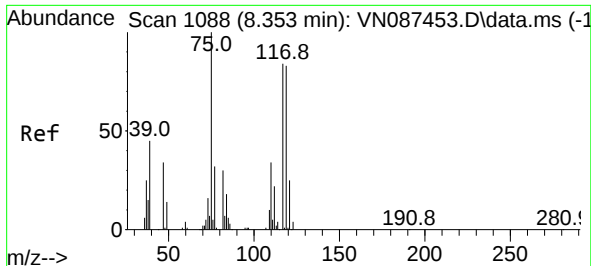


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17



Tgt Ion:114 Resp: 344745
Ion Ratio Lower Upper
114 100
63 23.0 18.9 28.3
88 16.9 13.1 19.7





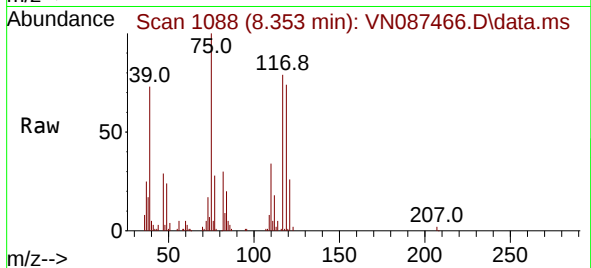
#29
1,1-Dichloropropene
Concen: 16.876 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



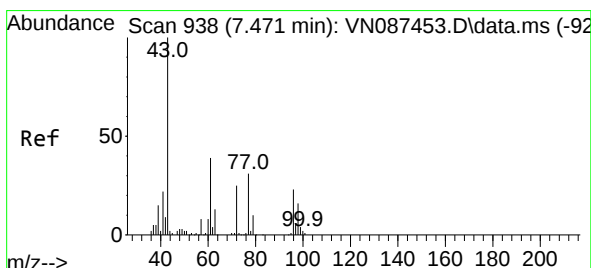
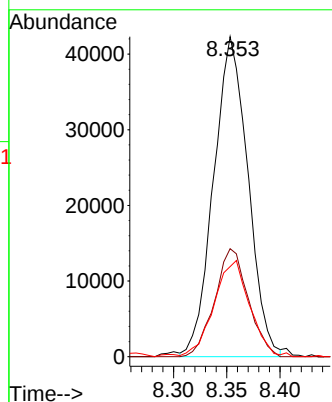
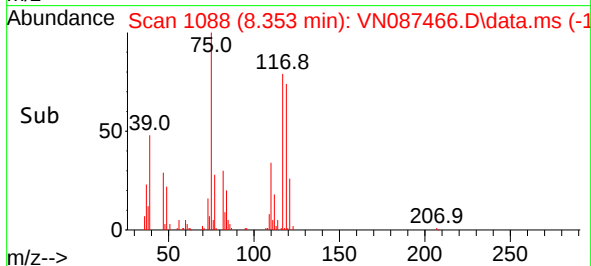
Tgt Ion: 75 Resp: 94889
Ion Ratio Lower Upper
75 100
110 33.0 0.0 65.8
77 31.1 0.0 63.6

Manual Integrations

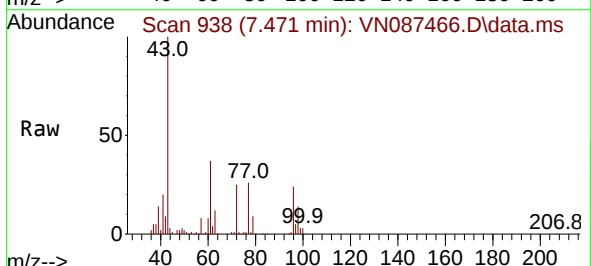
APPROVED

Reviewed By :John Carlone 08/06/2025

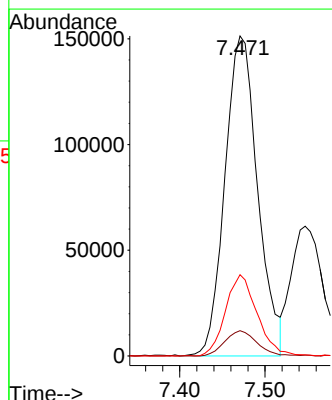
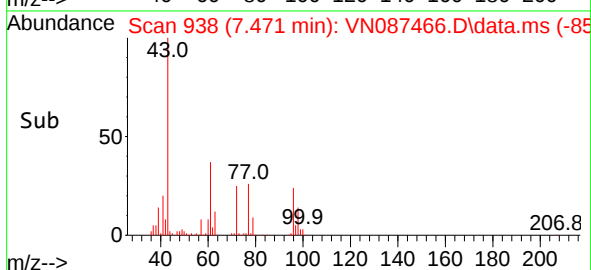
Supervised By :Mahesh Dadoda 08/06/2025

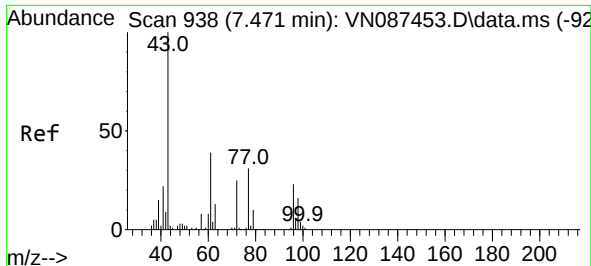


#30
2-Butanone
Concen: 97.567 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17



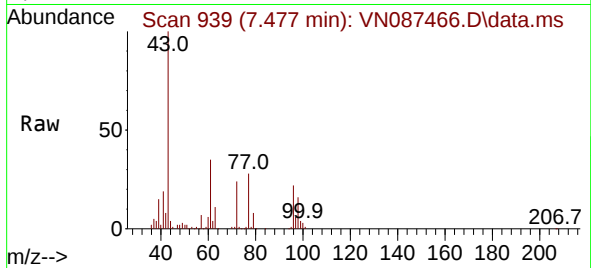
Tgt Ion: 43 Resp: 404382
Ion Ratio Lower Upper
43 100
57 7.8 6.6 9.8
72 24.5 19.7 29.5





#31
2,2-Dichloropropane
Concen: 16.195 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

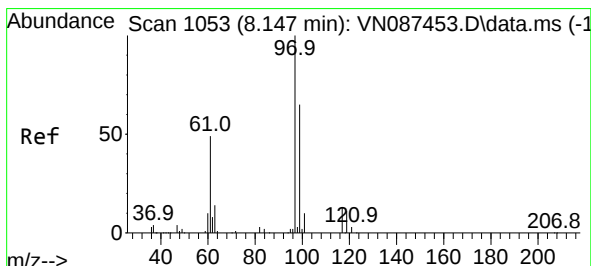
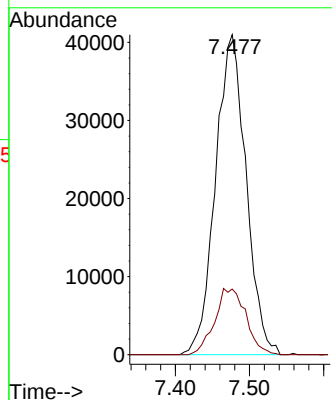
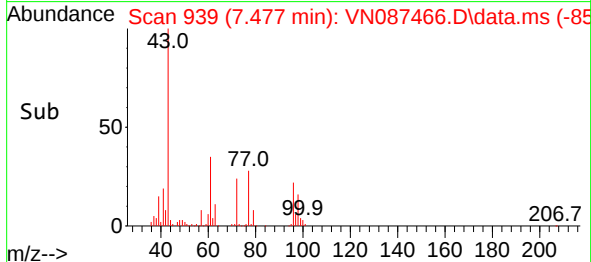
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 11744
Ion Ratio Lower Upper
77 100
97 10.2 16.7 25.1

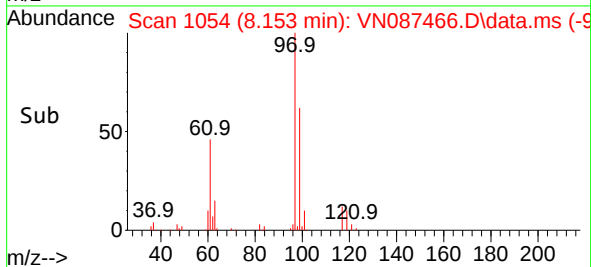
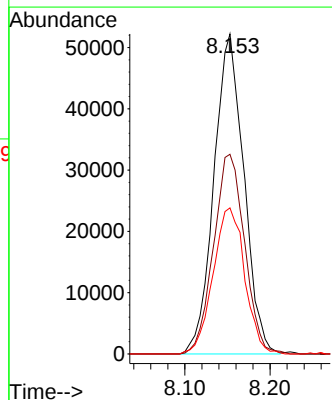
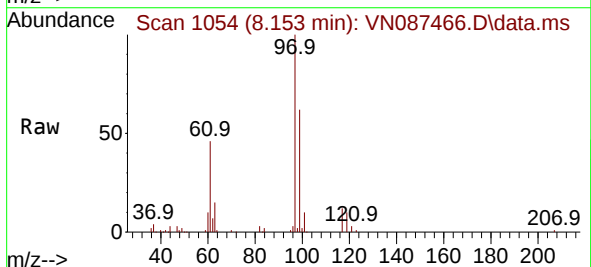
Manual Integrations
APPROVED

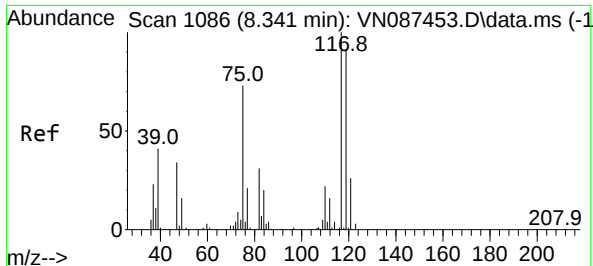
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#32
1,1,1-Trichloroethane
Concen: 17.784 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

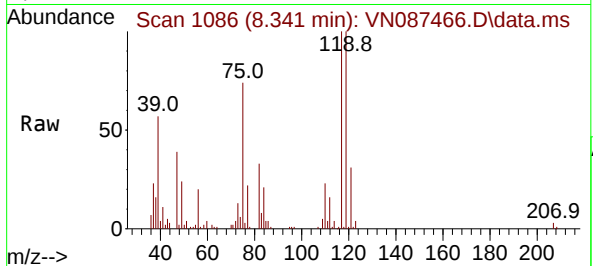
Tgt Ion: 97 Resp: 127537
Ion Ratio Lower Upper
97 100
99 64.6 53.0 79.6
61 48.2 40.6 61.0





#33
Carbon Tetrachloride
Concen: 16.497 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

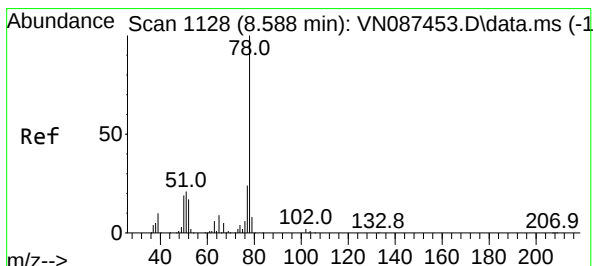
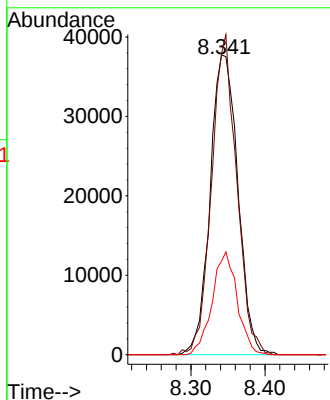
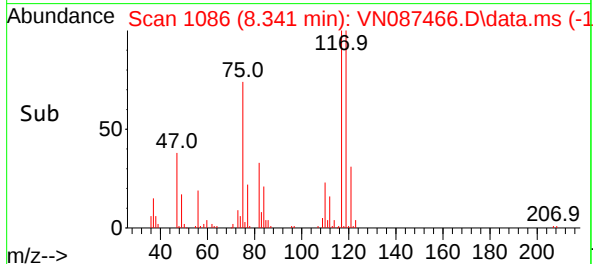
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 9828
Ion Ratio Lower Upper
117 100
119 100.5 73.4 110.0
121 31.2 21.1 31.7

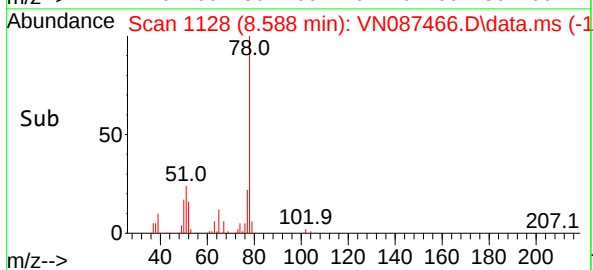
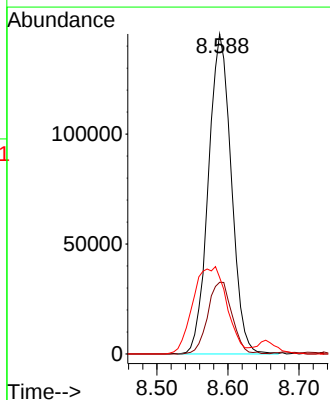
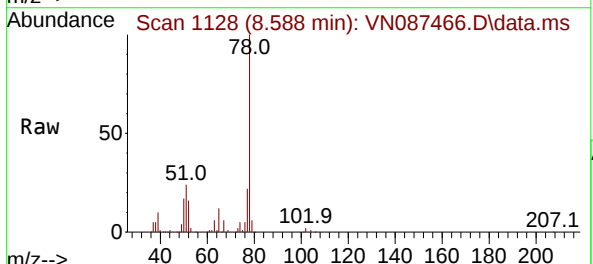
Manual Integrations
APPROVED

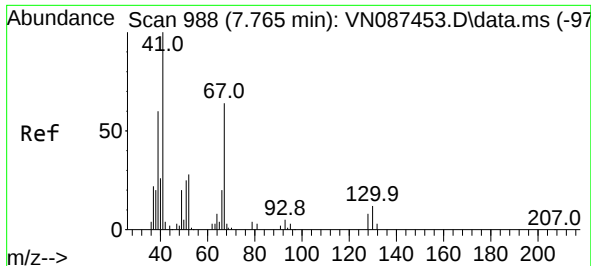
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#34
Benzene
Concen: 18.309 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

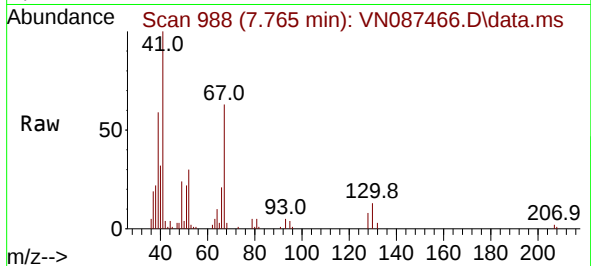
Tgt Ion: 78 Resp: 324981
Ion Ratio Lower Upper
78 100
77 22.4 19.2 28.8
51 22.2 16.9 25.3





#35
Methacrylonitrile
Concen: 19.752 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

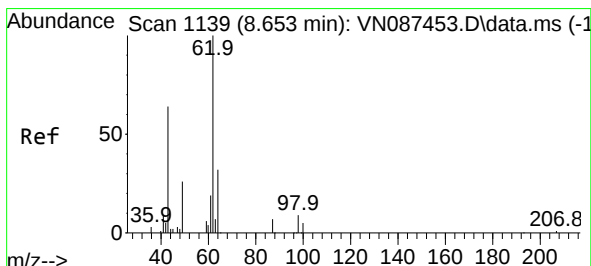
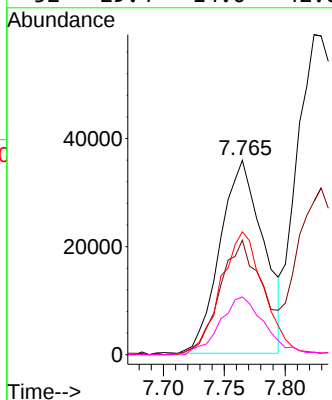
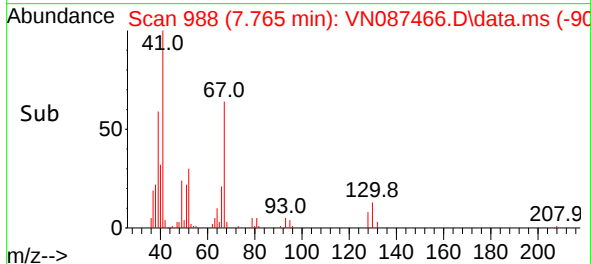
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:	41	Resp:	8834
Ion Ratio	100	Lower	Upper
39	58.7	30.1	90.5
67	63.7	32.0	96.2
52	29.4	14.0	42.0

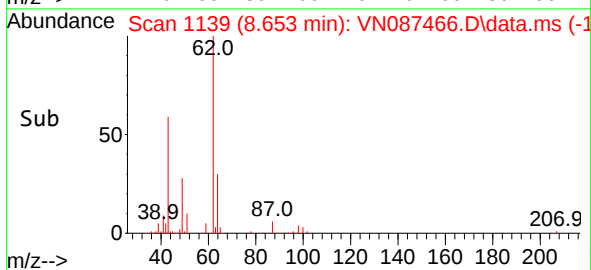
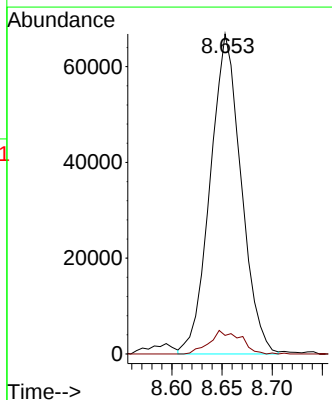
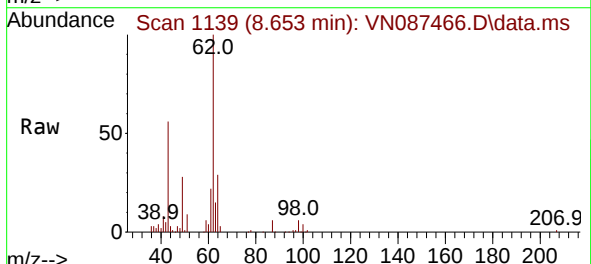
Manual Integrations
APPROVED

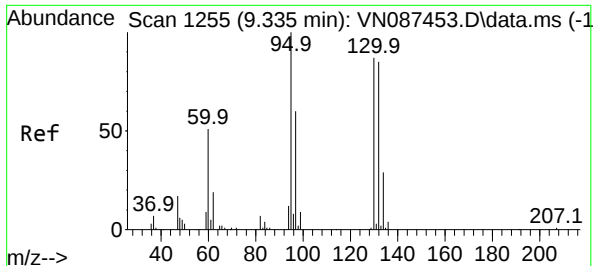
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#36
1,2-Dichloroethane
Concen: 20.010 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

Tgt Ion:	62	Resp:	143551
Ion Ratio	100	Lower	Upper
98	7.4	6.6	9.8





#37

Trichloroethene

Concen: 17.460 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087466.D

Acq: 05 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 68264

Ion Ratio Lower Upper

130 100

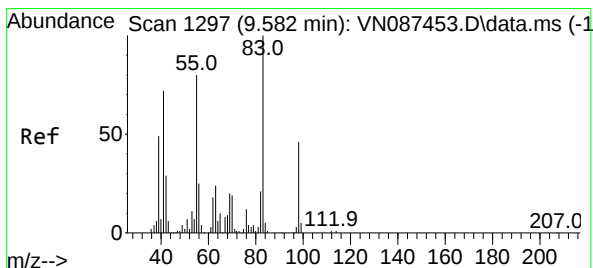
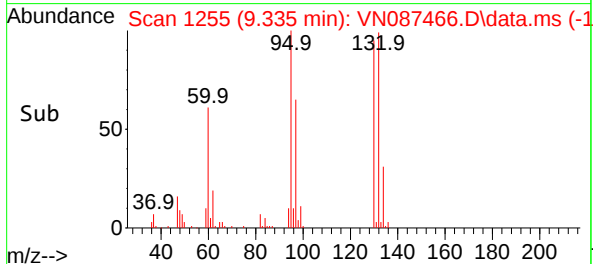
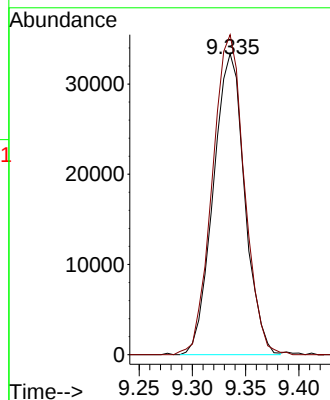
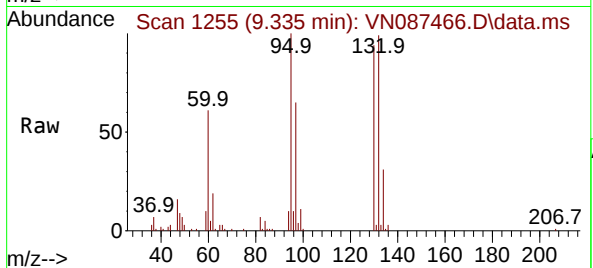
95 105.5 91.4 137.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#38

Methylcyclohexane

Concen: 16.533 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087466.D

Acq: 05 Aug 2025 19:17

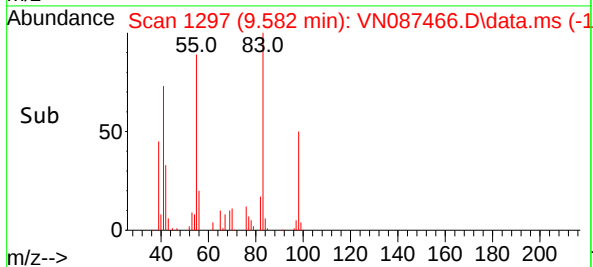
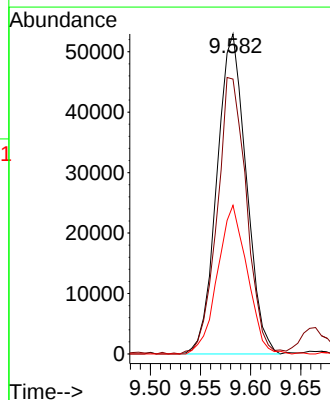
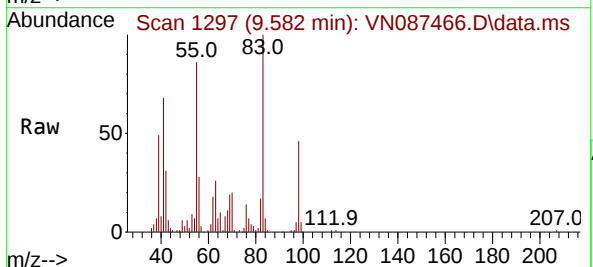
Tgt Ion: 83 Resp: 107845

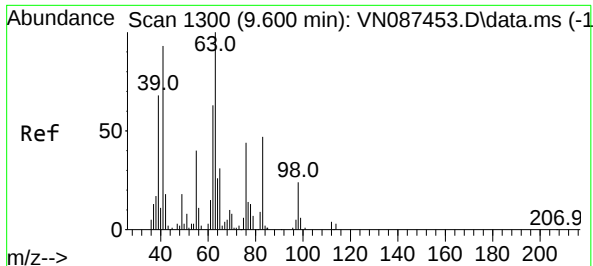
Ion Ratio Lower Upper

83 100

55 86.1 41.2 123.6

98 46.9 23.3 69.9





#39

1,2-Dichloropropane

Concen: 18.917 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087466.D

Acq: 05 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 8608

Ion Ratio Lower Upper

63 100

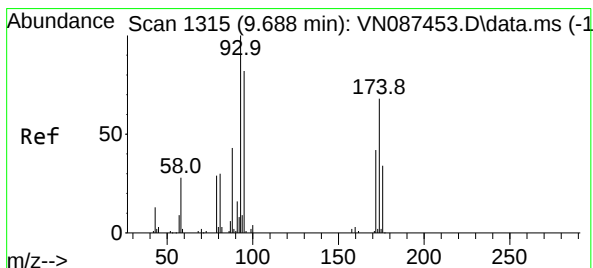
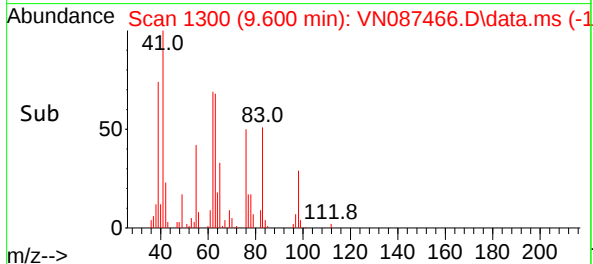
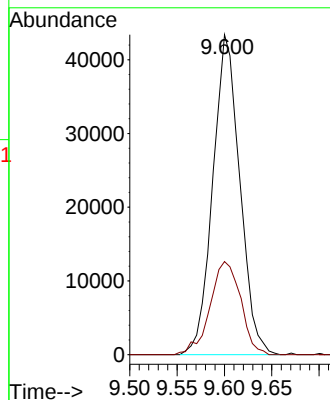
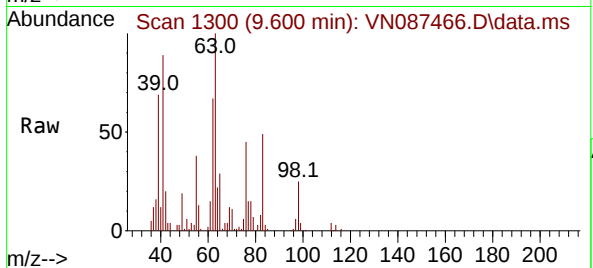
65 29.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#40

Dibromomethane

Concen: 18.591 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087466.D

Acq: 05 Aug 2025 19:17

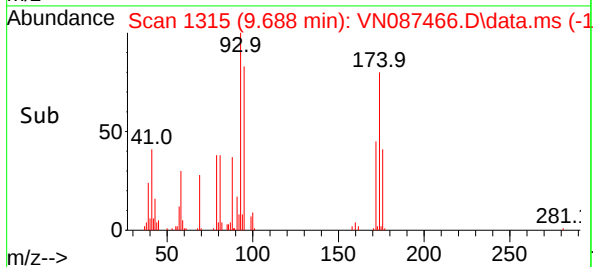
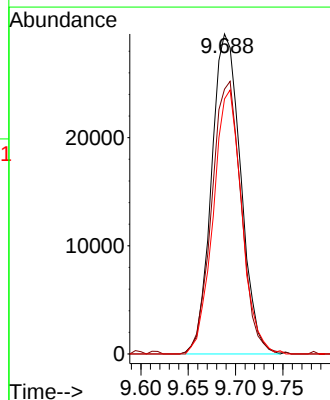
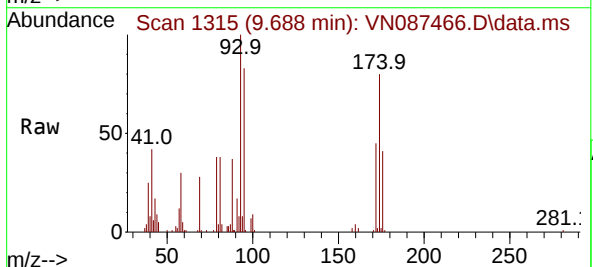
Tgt Ion: 93 Resp: 63478

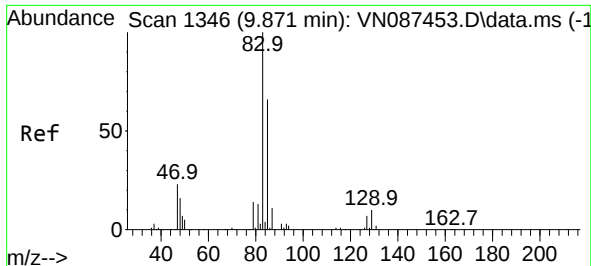
Ion Ratio Lower Upper

93 100

95 85.9 0.0 161.6

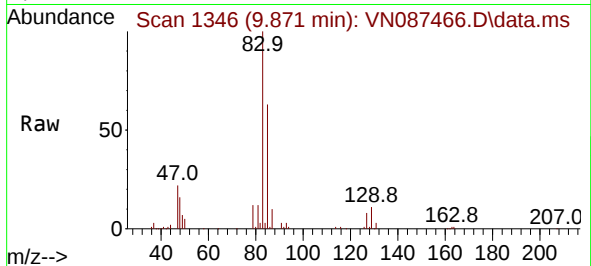
174 80.6 0.0 151.4





#41
Bromodichloromethane
Concen: 18.469 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

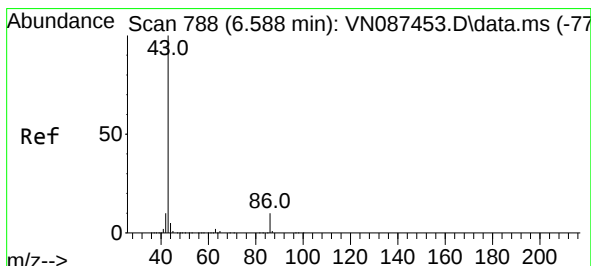
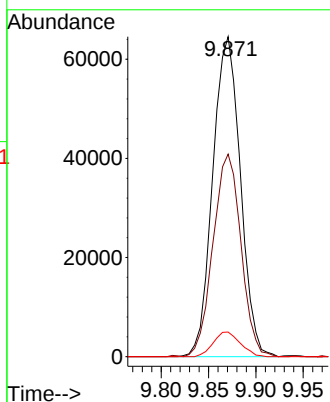
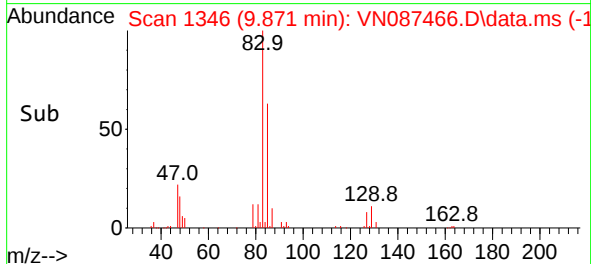
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 131039
Ion Ratio Lower Upper
83 100
85 63.3 52.9 79.3
127 7.7 5.8 8.6

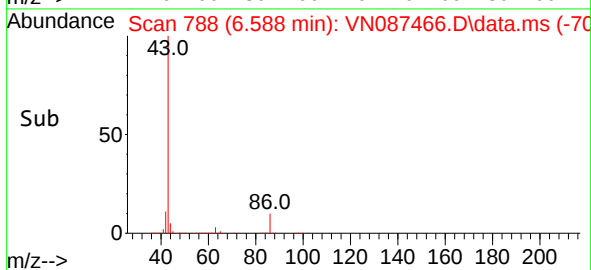
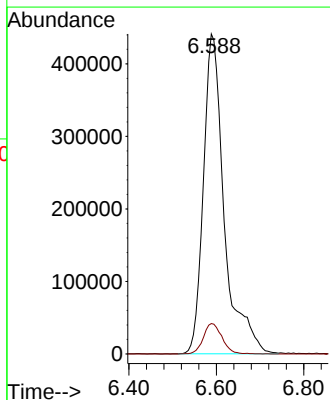
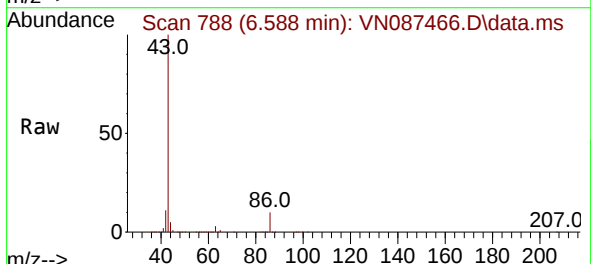
Manual Integrations
APPROVED

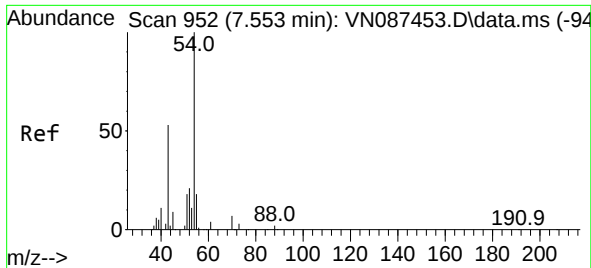
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#42
Vinyl Acetate
Concen: 107.163 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

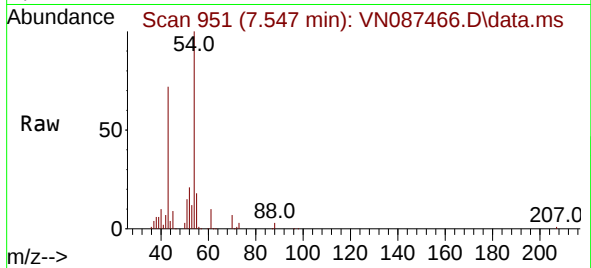
Tgt Ion: 43 Resp: 1462688
Ion Ratio Lower Upper
43 100
86 8.5 7.3 10.9





#43
Ethyl Acetate
Concen: 20.685 ug/l m
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

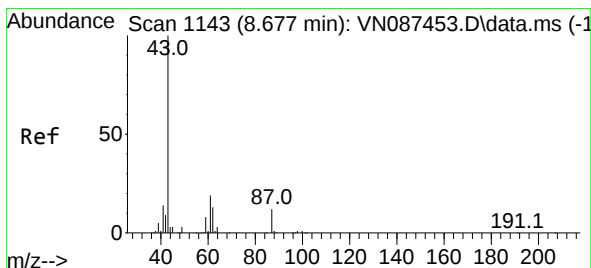
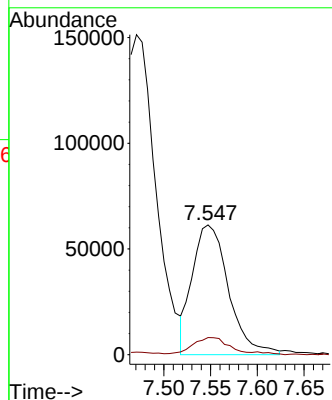
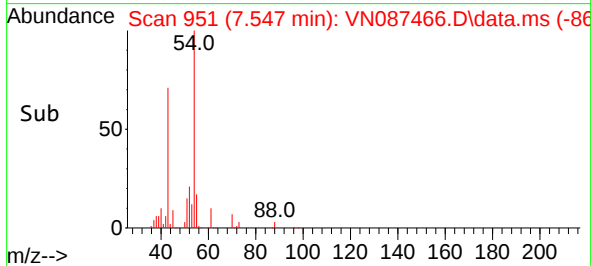
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 165620
Ion Ratio Lower Upper
43 100
45 13.2 11.1 16.7

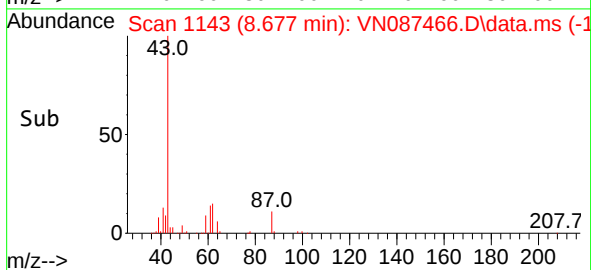
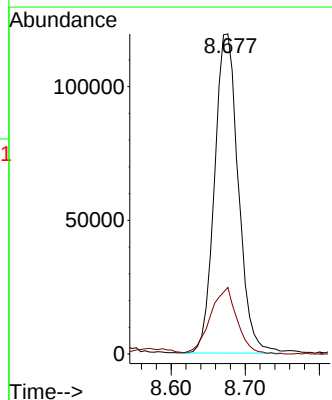
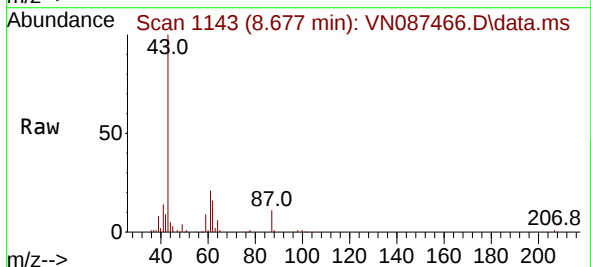
Manual Integrations
APPROVED

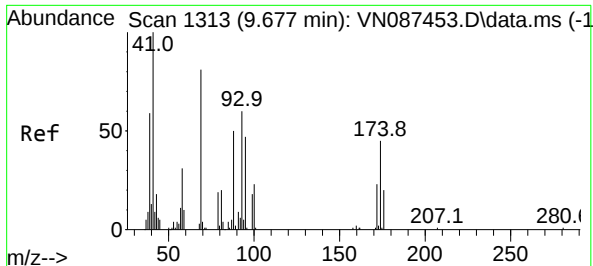
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#44
Isopropyl Acetate
Concen: 19.634 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

Tgt Ion: 43 Resp: 266488
Ion Ratio Lower Upper
43 100
61 23.5 18.6 28.0





#45

1,4-Dioxane

Concen: 385.307 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087466.D

Acq: 05 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 33339

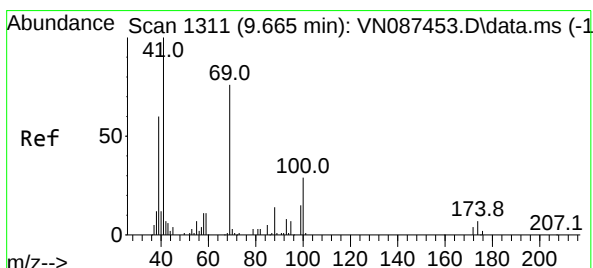
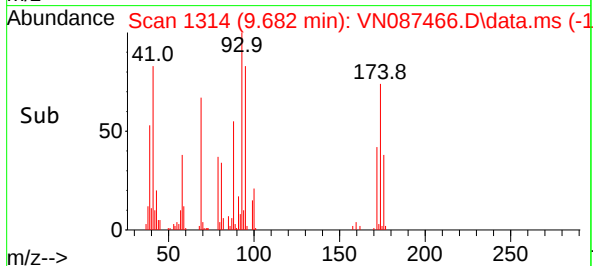
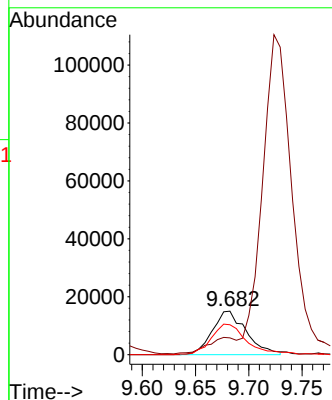
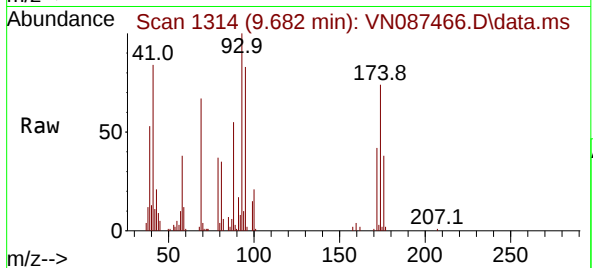
Ion	Ratio	Lower	Upper
88	100		
43	31.8	24.1	36.1
58	73.2	57.2	85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#46

Methyl methacrylate

Concen: 17.083 ug/l

RT: 9.665 min Scan# 1311

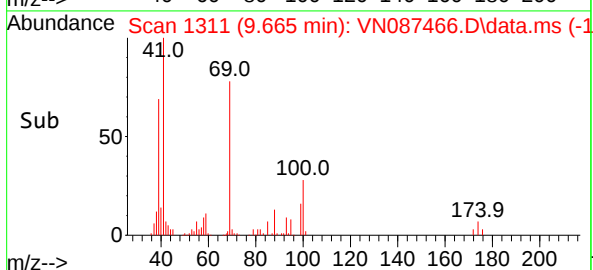
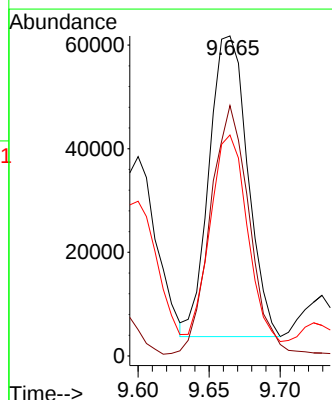
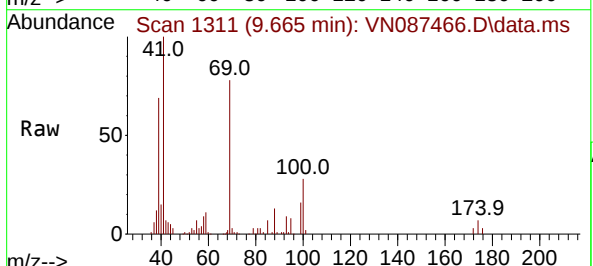
Delta R.T. -0.000 min

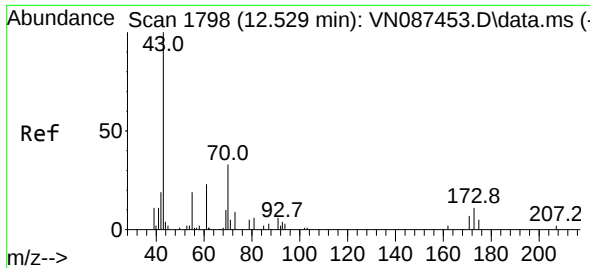
Lab File: VN087466.D

Acq: 05 Aug 2025 19:17

Tgt Ion: 41 Resp: 109448

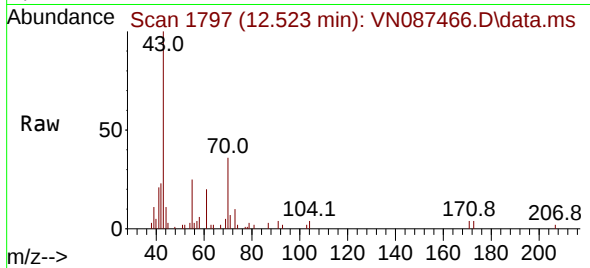
Ion	Ratio	Lower	Upper
41	100		
69	81.6	37.1	111.5
39	68.7	30.7	92.1





#47
n-amy1 Acetate
Concen: 19.907 ug/l m
RT: 12.523 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

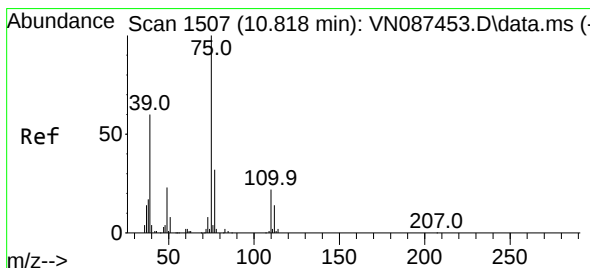
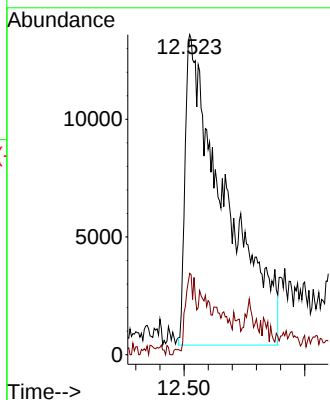
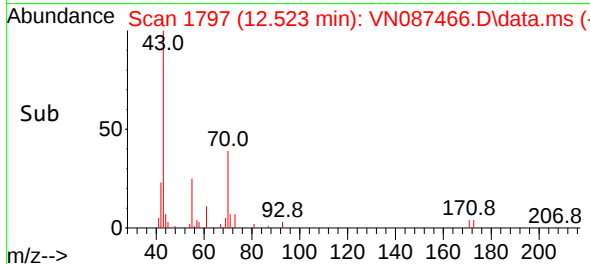
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 14925
Ion Ratio Lower Upper
43 100
55 4.3 4.6 6.8

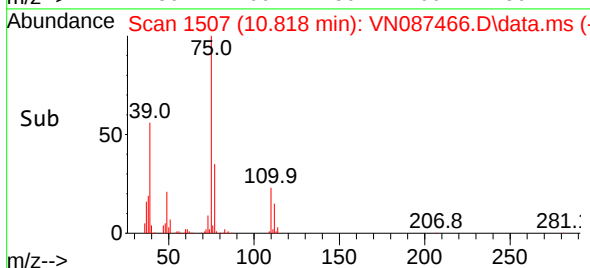
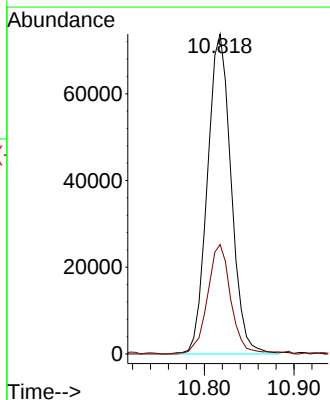
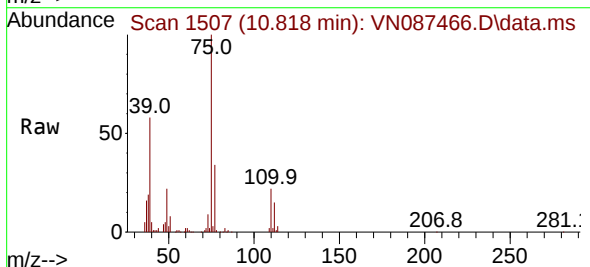
Manual Integrations
APPROVED

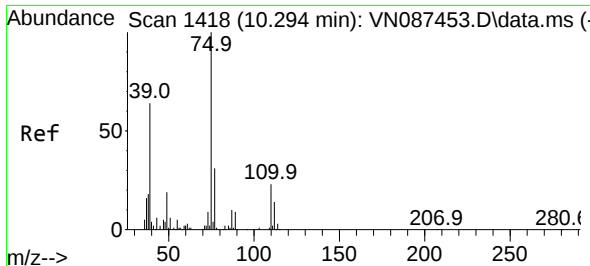
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#48
t-1,3-Dichloropropene
Concen: 17.521 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

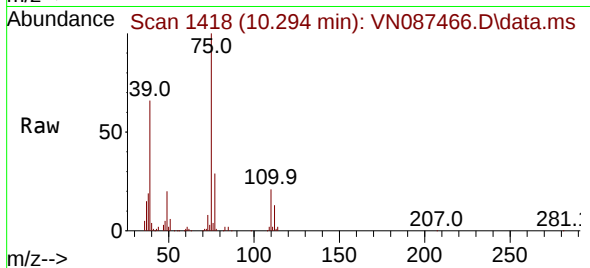
Tgt Ion: 75 Resp: 135243
Ion Ratio Lower Upper
75 100
77 33.8 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 18.443 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN087466.D
 Acq: 05 Aug 2025 19:17

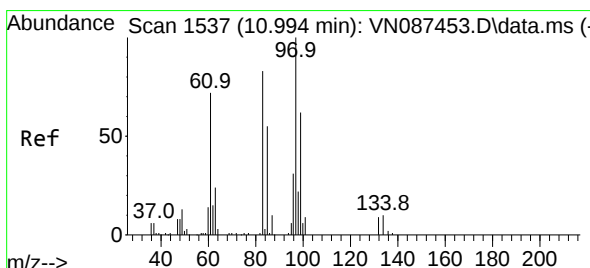
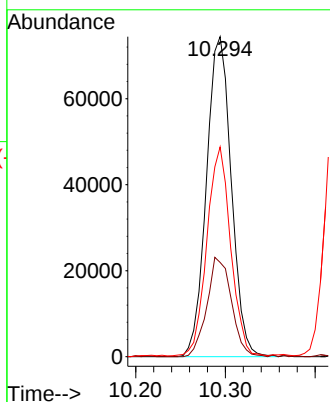
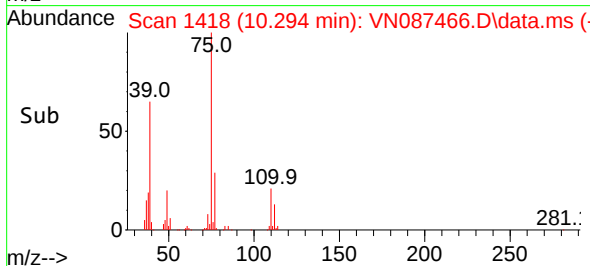
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 14327
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.6 36.8
 39 65.0 51.5 77.3

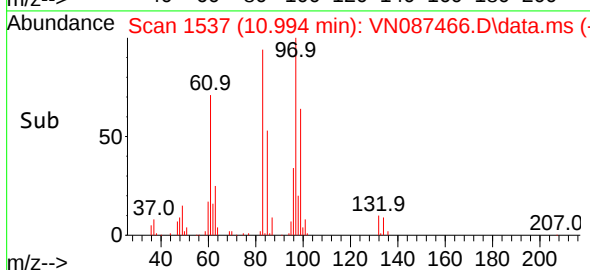
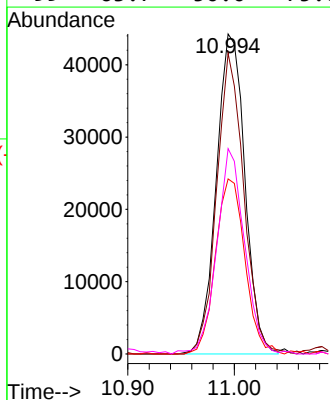
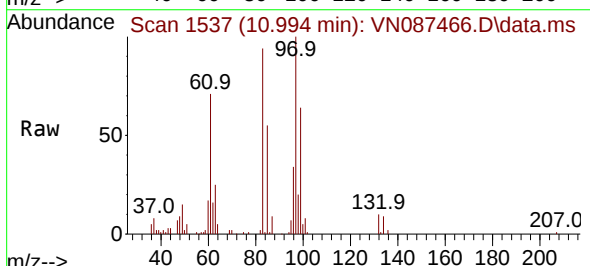
Manual Integrations
 APPROVED

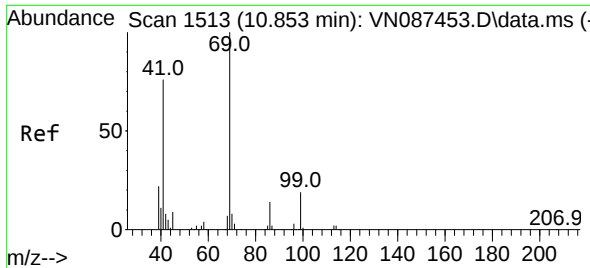
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.127 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087466.D
 Acq: 05 Aug 2025 19:17

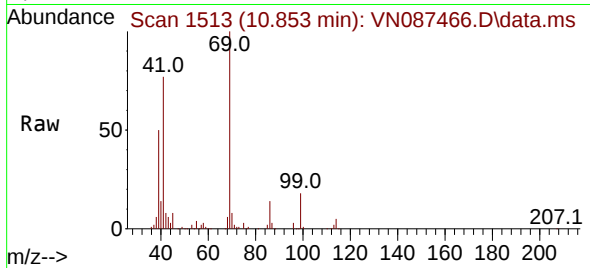
Tgt Ion: 97 Resp: 82515
 Ion Ratio Lower Upper
 97 100
 83 93.9 66.2 99.2
 85 54.7 43.9 65.9
 99 63.7 50.0 75.0





#51
Ethyl methacrylate
Concen: 18.768 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

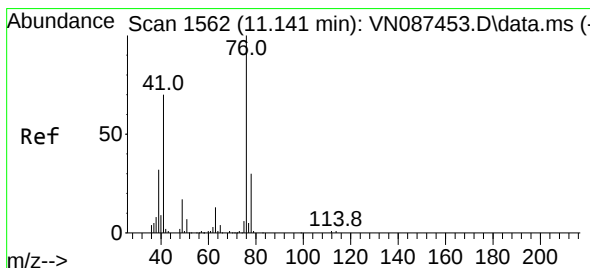
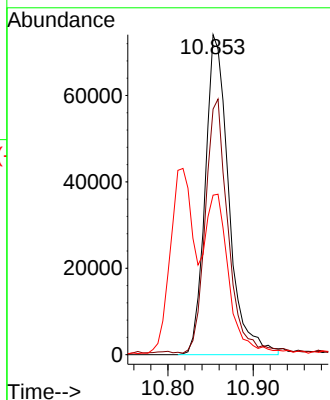
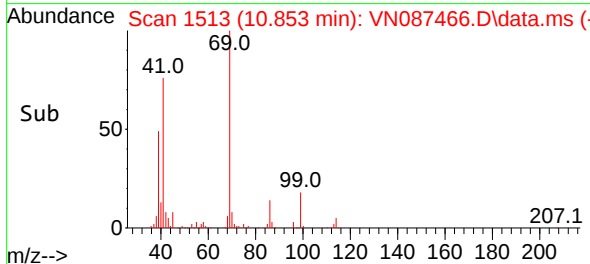
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 142598
Ion Ratio Lower Upper
69 100
41 75.6 38.0 114.1
39 48.5 23.2 69.5

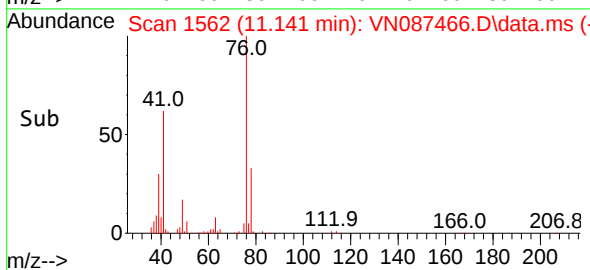
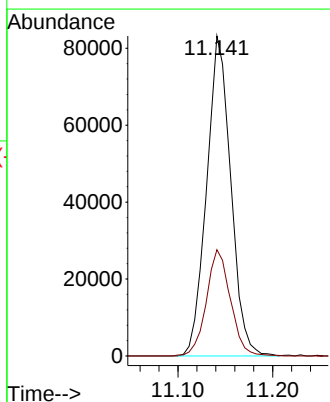
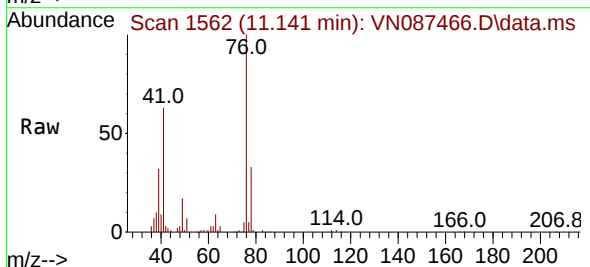
Manual Integrations
APPROVED

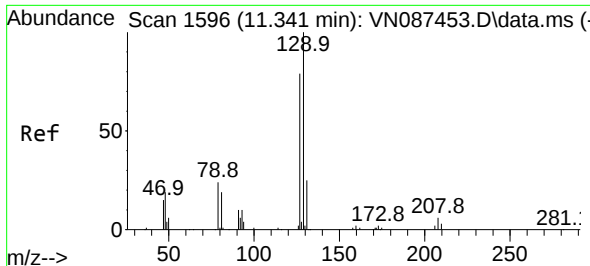
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#52
1,3-Dichloropropane
Concen: 18.959 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

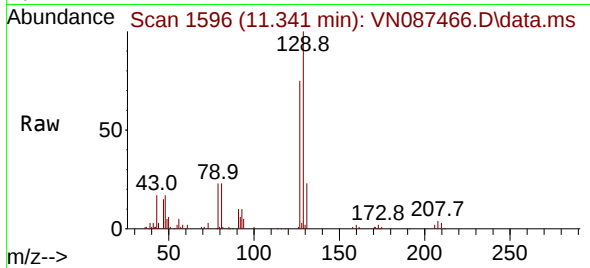
Tgt Ion: 76 Resp: 147352
Ion Ratio Lower Upper
76 100
78 33.0 0.0 63.0





#53
Dibromochloromethane
Concen: 18.285 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

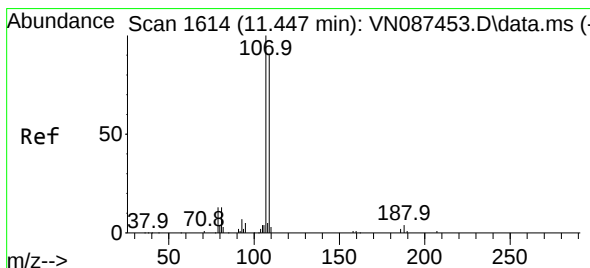
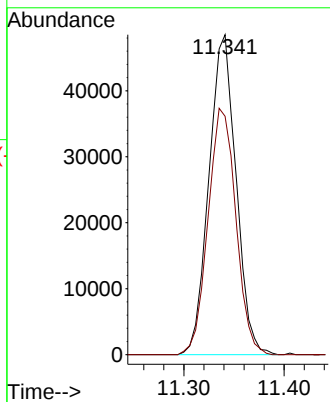
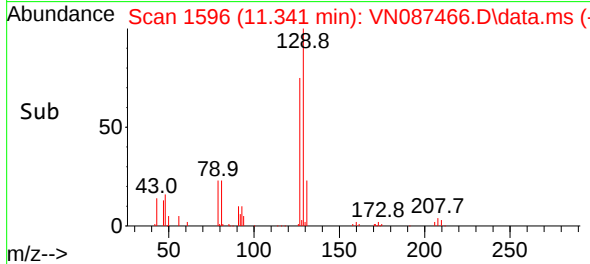
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



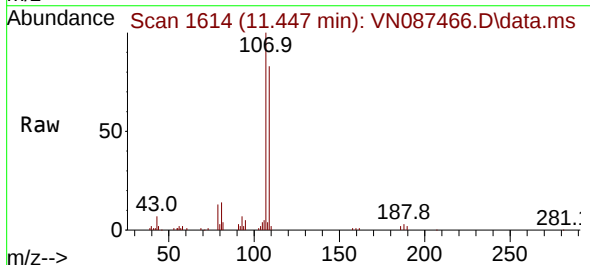
Tgt Ion:129 Resp: 91099
Ion Ratio Lower Upper
129 100
127 79.1 39.1 117.3

Manual Integrations
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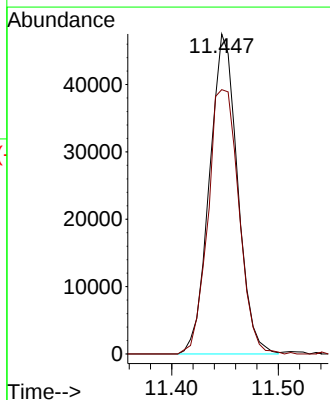
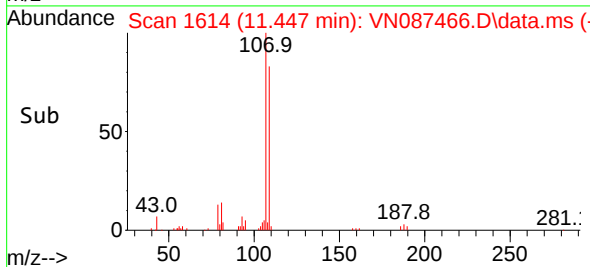
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

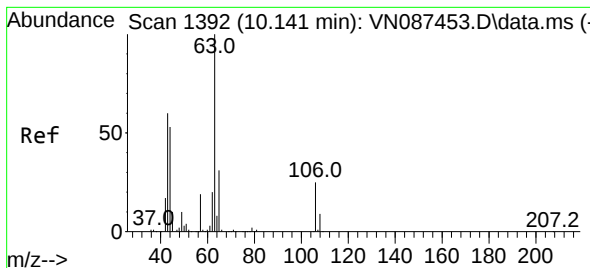


#54
1,2-Dibromoethane
Concen: 19.013 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17



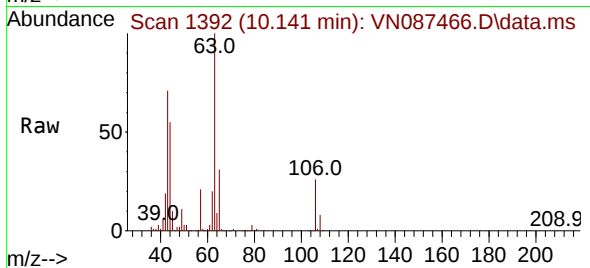
Tgt Ion:107 Resp: 87072
Ion Ratio Lower Upper
107 100
109 90.6 74.2 111.4





#55
2-Chloroethyl vinyl ether
Concen: 100.871 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

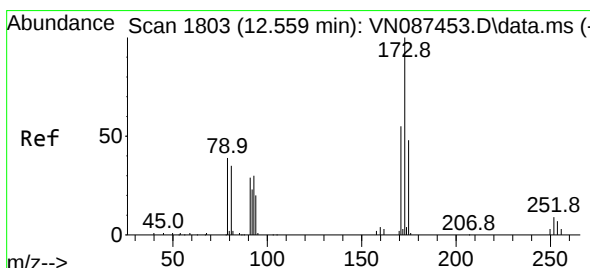
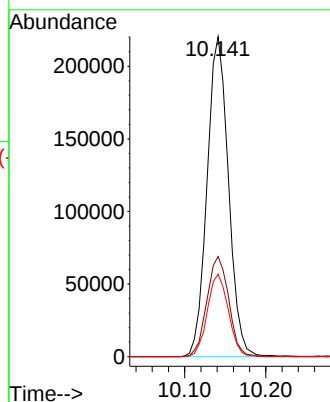
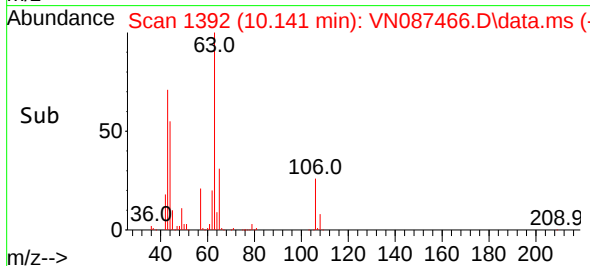
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 40345
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5
106 25.3 20.7 31.1

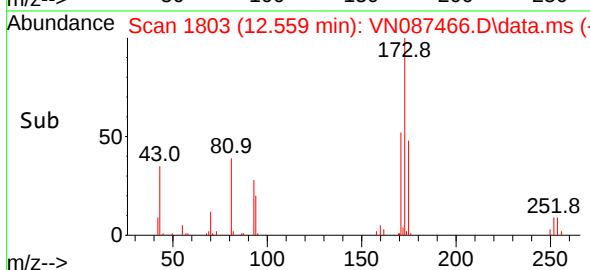
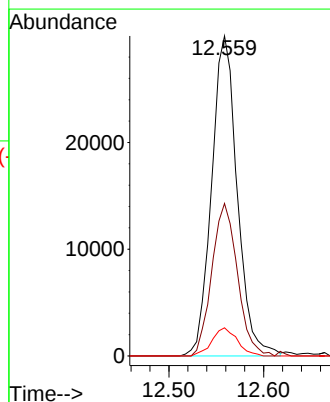
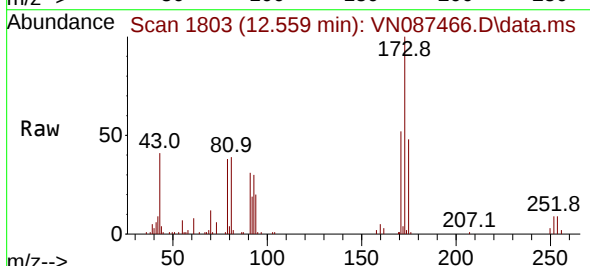
Manual Integrations
APPROVED

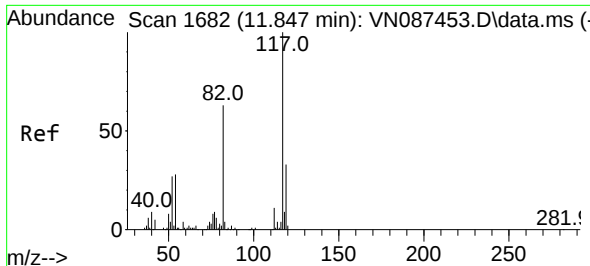
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#56
Bromoform
Concen: 17.124 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

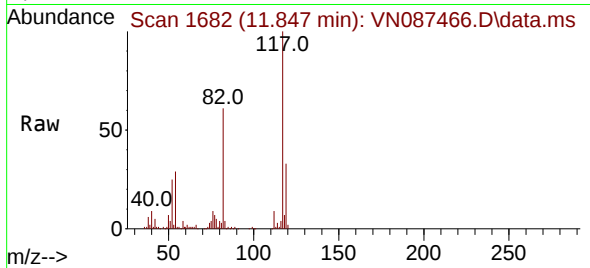
Tgt Ion:173 Resp: 56428
Ion Ratio Lower Upper
173 100
175 47.5 38.8 58.2
254 8.7 3.9 5.9#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

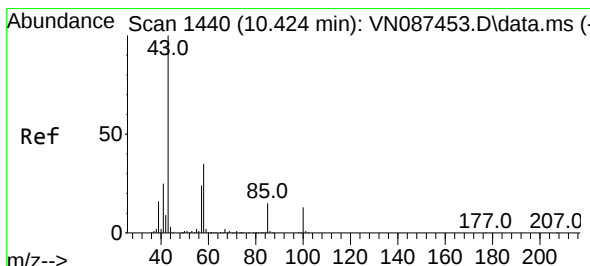
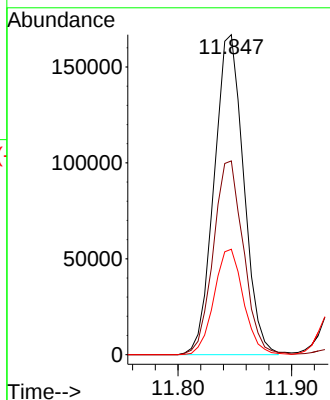
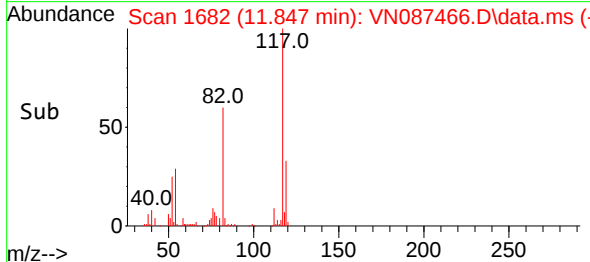
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 301649
Ion Ratio Lower Upper
117 100
82 61.7 49.2 73.8
119 32.9 25.7 38.5

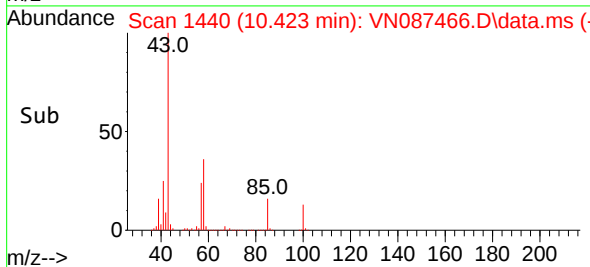
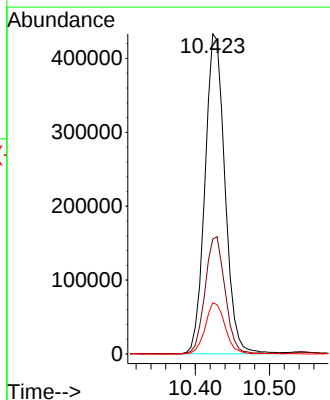
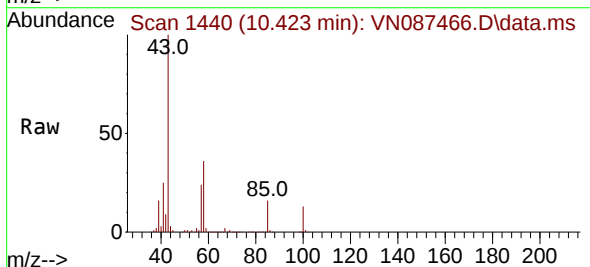
Manual Integrations
APPROVED

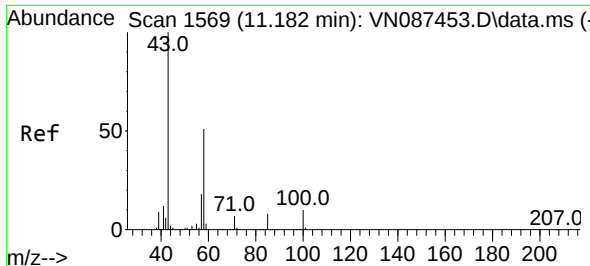
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#58
4-Methyl-2-Pentanone
Concen: 104.151 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

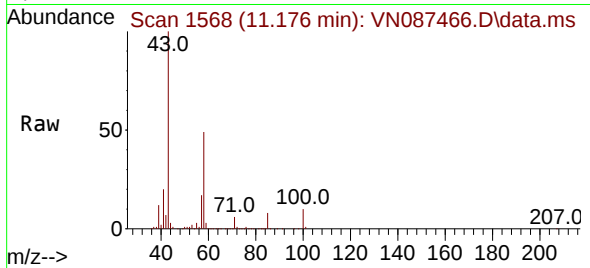
Tgt Ion: 43 Resp: 808190
Ion Ratio Lower Upper
43 100
58 36.9 29.0 43.6
85 15.9 12.7 19.1





#59
2-Hexanone
Concen: 101.688 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

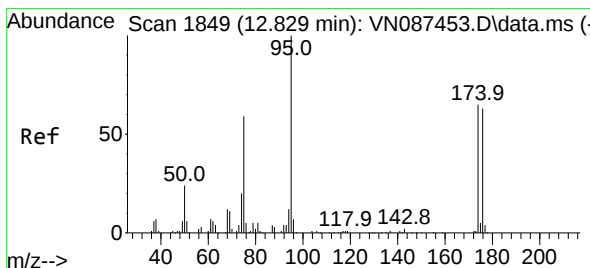
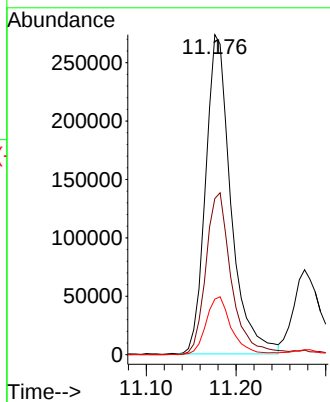
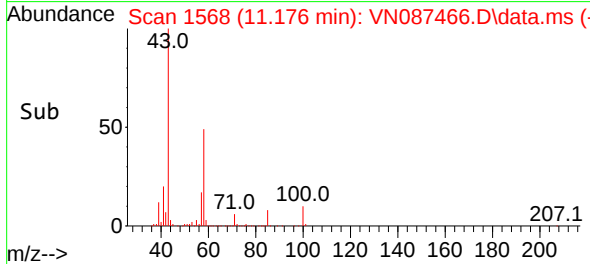
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 53614
Ion Ratio Lower Upper
43 100
58 51.4 41.0 61.6
57 18.1 14.6 21.8

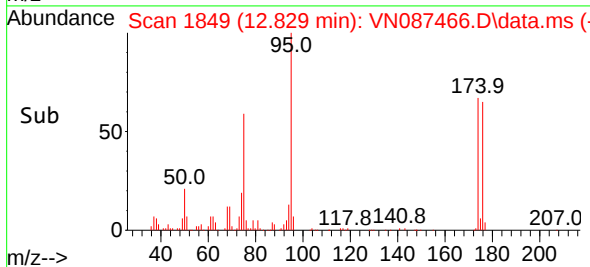
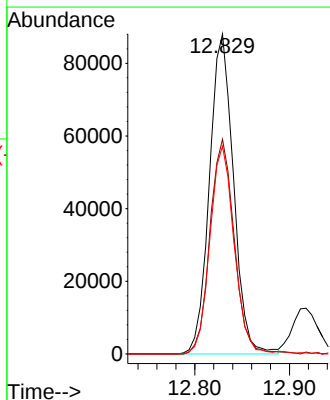
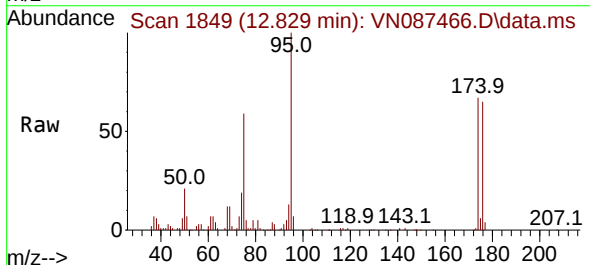
Manual Integrations
APPROVED

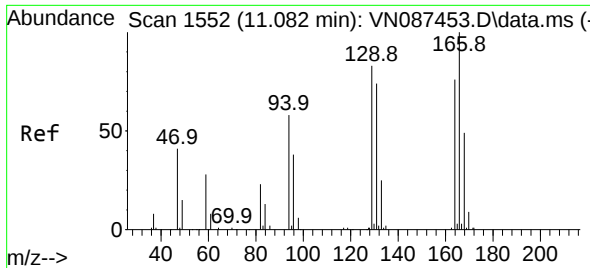
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#60
4-Bromofluorobenzene
Concen: 29.934 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

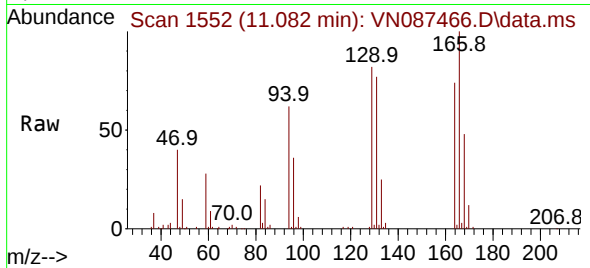
Tgt Ion: 95 Resp: 155394
Ion Ratio Lower Upper
95 100
174 67.1 52.3 78.5
176 65.2 49.8 74.8





#61
Tetrachloroethene
Concen: 17.399 ug/l
RT: 11.082 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

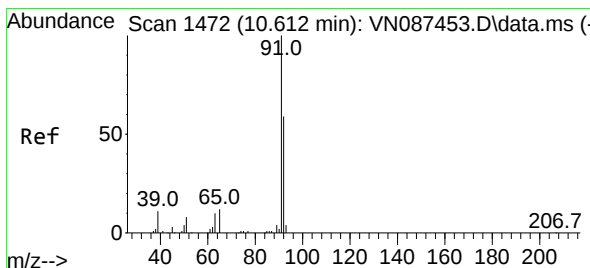
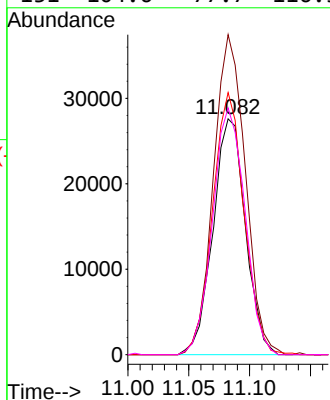
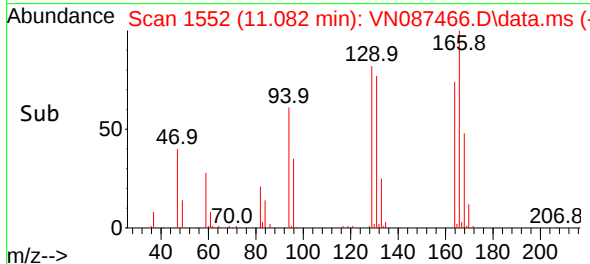
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



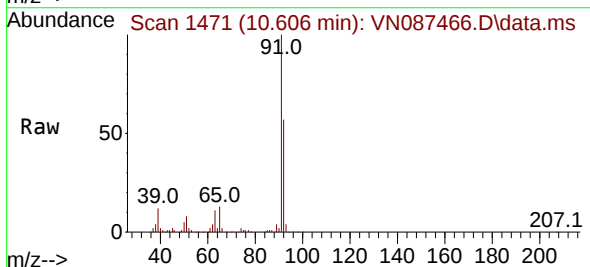
Tgt Ion:164 Resp: 5113
Ion Ratio Lower Upper
164 100
166 135.7 105.4 158.0
129 111.1 87.7 131.5
131 104.6 77.7 116.5

Manual Integrations
APPROVED

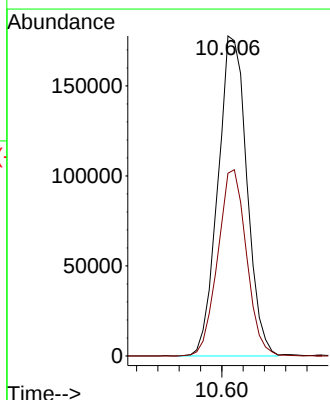
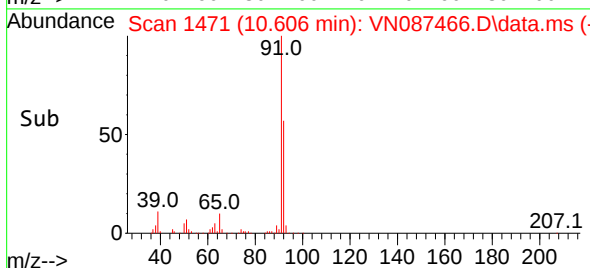
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

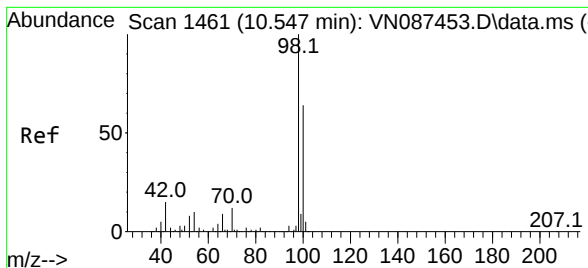


#62
Toluene
Concen: 17.992 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17



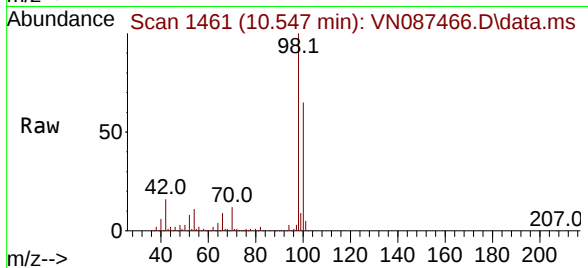
Tgt Ion: 91 Resp: 334969
Ion Ratio Lower Upper
91 100
92 57.6 45.8 68.6





#63
Toluene-d8
Concen: 30.743 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

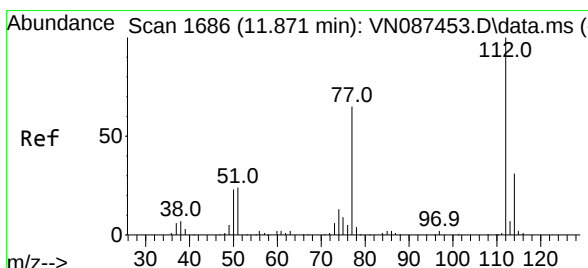
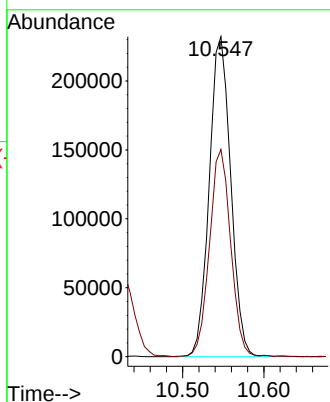
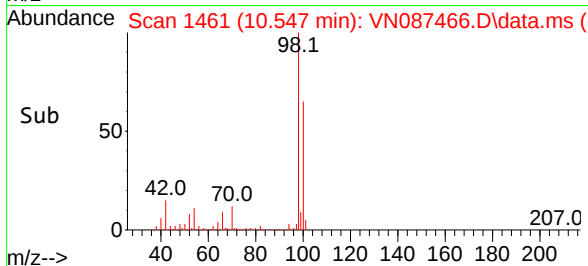
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 426700
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7

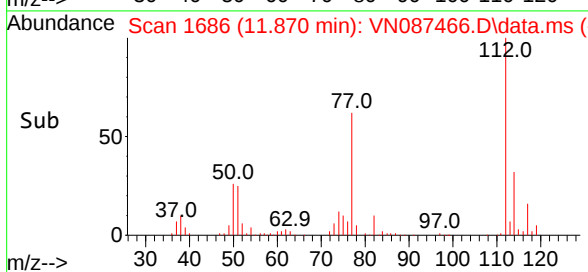
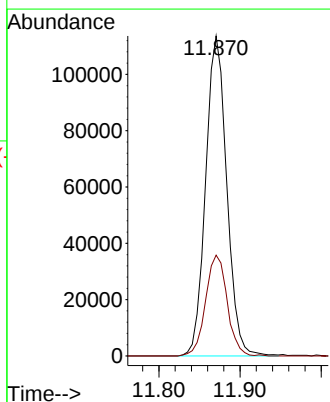
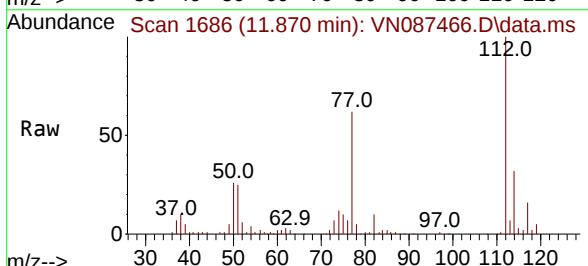
Manual Integrations
APPROVED

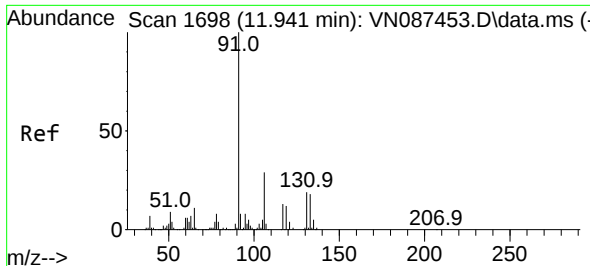
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#64
Chlorobenzene
Concen: 17.955 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

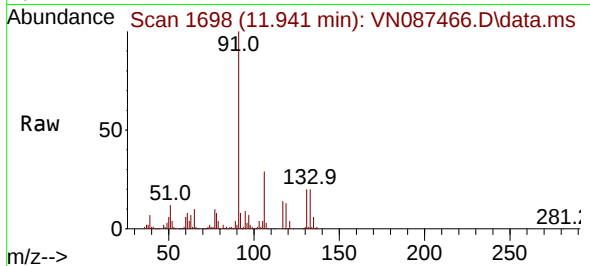
Tgt Ion:112 Resp: 205400
Ion Ratio Lower Upper
112 100
114 31.5 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 18.375 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

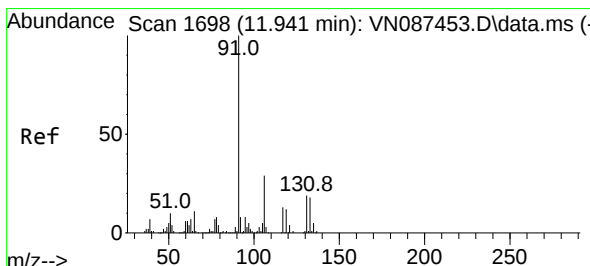
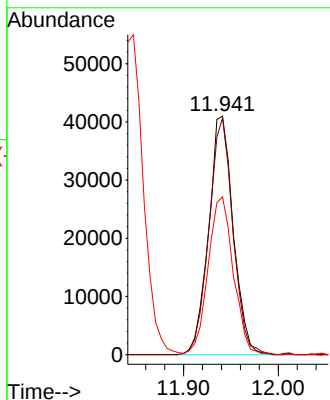
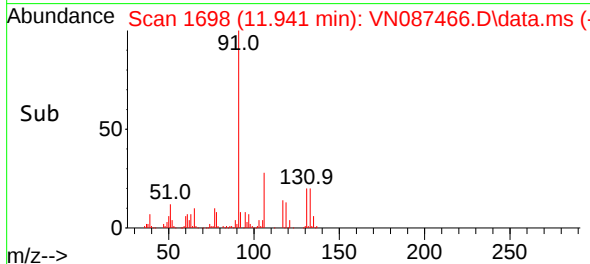
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



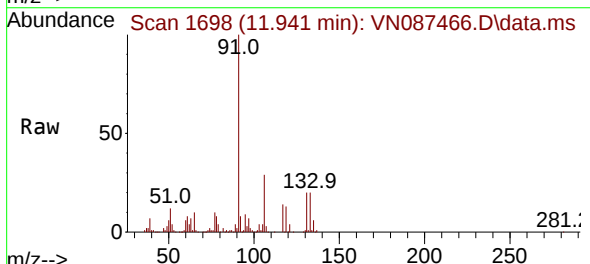
Tgt Ion:131 Resp: 73909
Ion Ratio Lower Upper
131 100
133 96.7 0.0 189.8
119 66.6 0.0 133.2

Manual Integrations
APPROVED

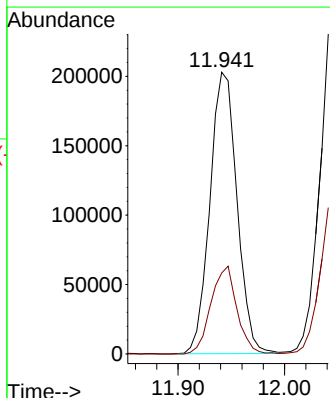
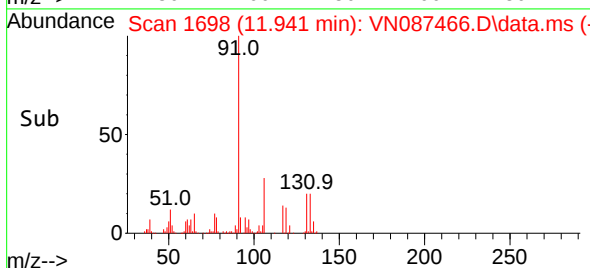
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

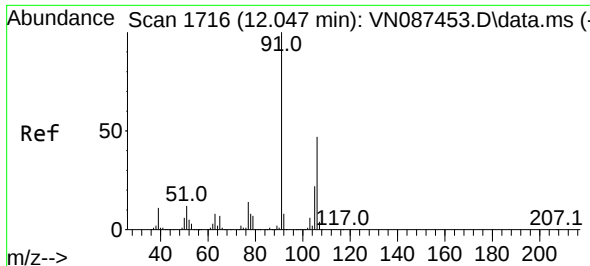


#66
Ethyl Benzene
Concen: 17.271 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17



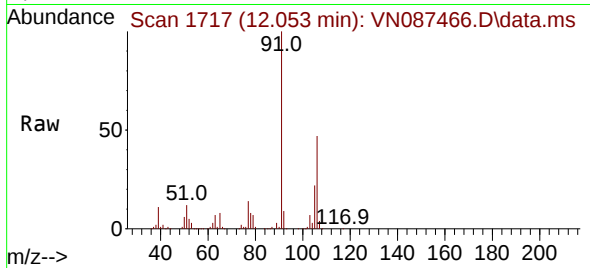
Tgt Ion: 91 Resp: 358400
Ion Ratio Lower Upper
91 100
106 28.8 22.9 34.3





#67
m/p-Xylenes
Concen: 34.079 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

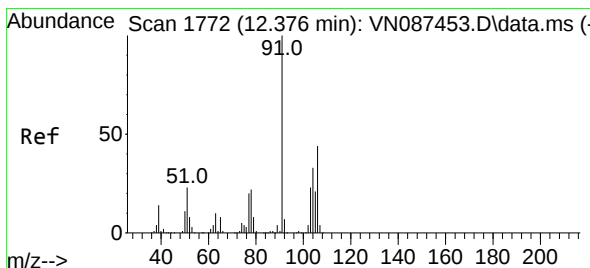
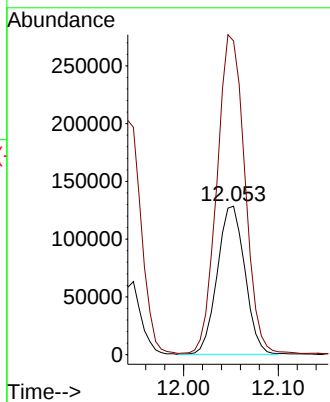
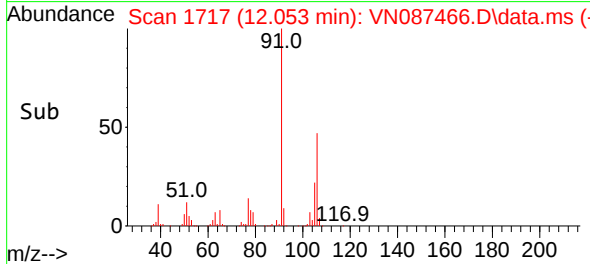
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:106 Resp: 259579
Ion Ratio Lower Upper
106 100
91 218.9 174.2 261.2

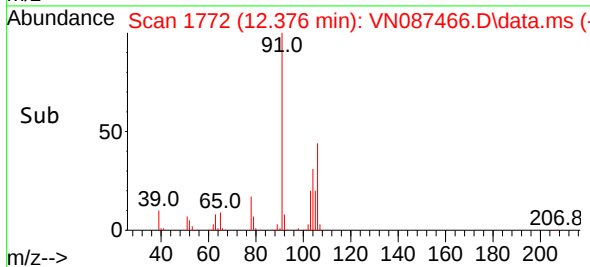
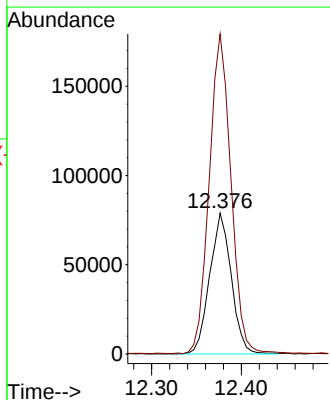
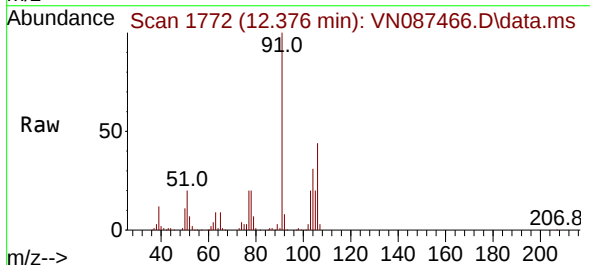
Manual Integrations
APPROVED

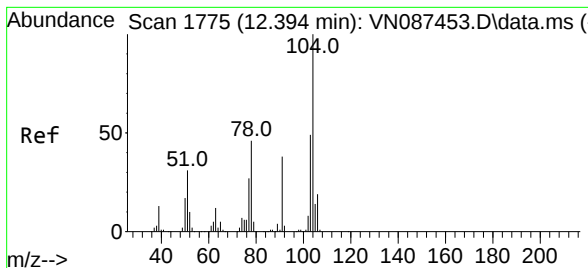
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#68
o-Xylene
Concen: 17.632 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

Tgt Ion:106 Resp: 132125
Ion Ratio Lower Upper
106 100
91 228.2 114.5 343.5





#69

Styrene

Concen: 17.729 ug/l

RT: 12.394 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087466.D

Acq: 05 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

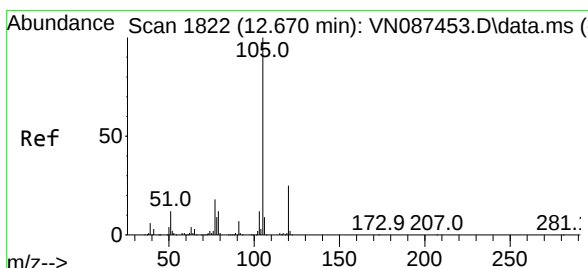
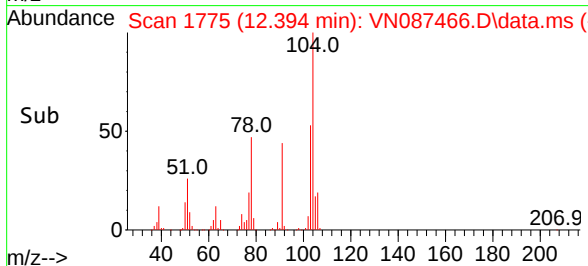
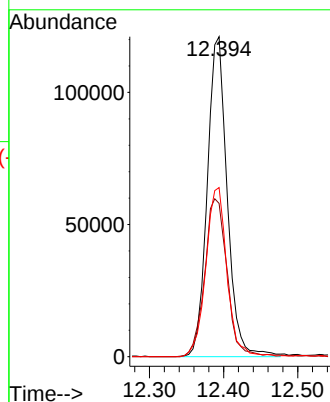
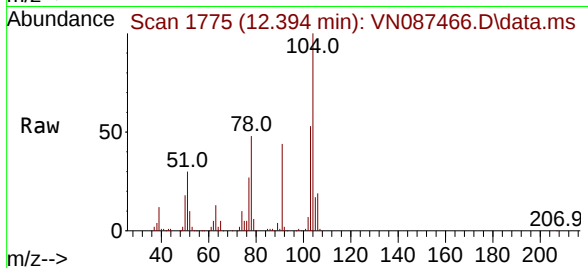
Tgt Ion:104 Resp: 22684
 Ion Ratio Lower Upper
 104 100
 78 55.1 43.8 65.8
 103 55.7 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#70

Isopropylbenzene

Concen: 17.113 ug/l

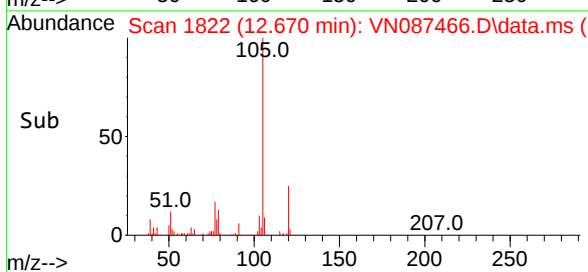
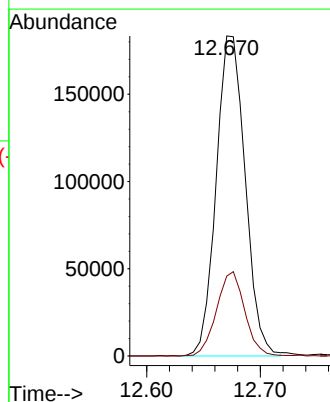
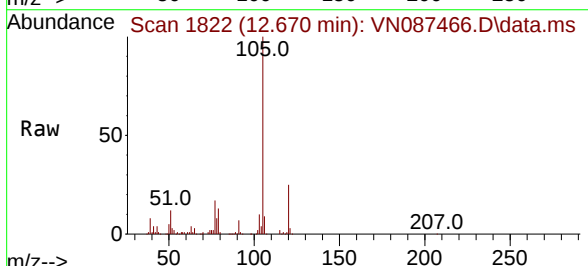
RT: 12.670 min Scan# 1822

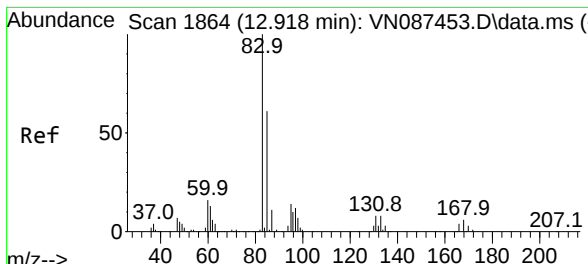
Delta R.T. -0.000 min

Lab File: VN087466.D

Acq: 05 Aug 2025 19:17

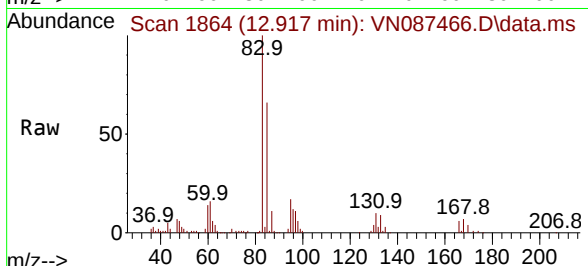
Tgt Ion:105 Resp: 325789
 Ion Ratio Lower Upper
 105 100
 120 25.6 17.5 32.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.819 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

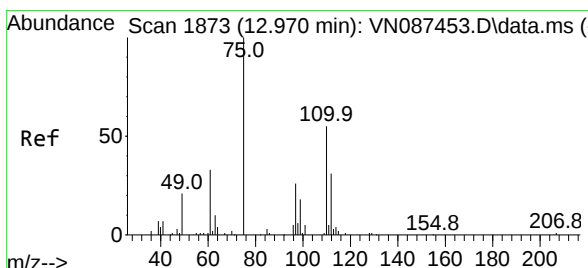
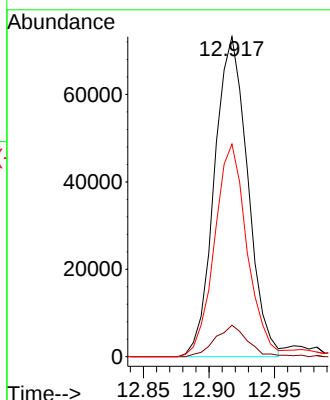
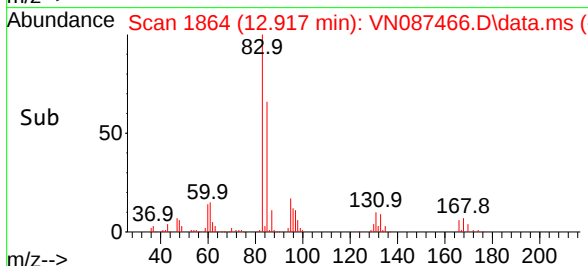
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 129280
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.3
85 64.8 31.7 95.1

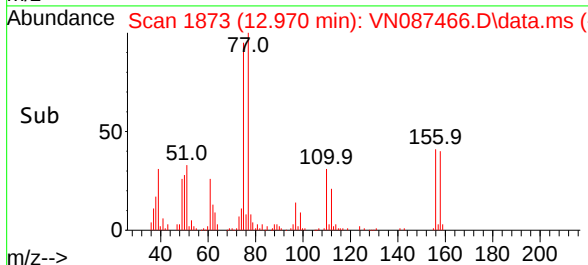
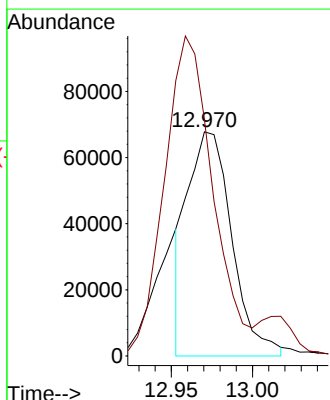
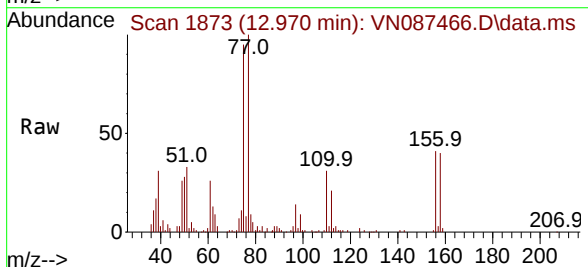
Manual Integrations
APPROVED

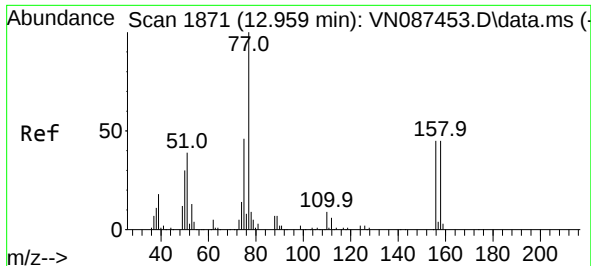
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#72
1,2,3-Trichloropropane
Concen: 21.108 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

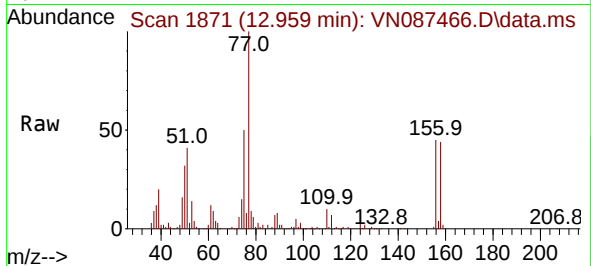
Tgt Ion: 75 Resp: 128271
Ion Ratio Lower Upper
75 100
77 156.9 0.0 385.0





#73
Bromobenzene
Concen: 17.435 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

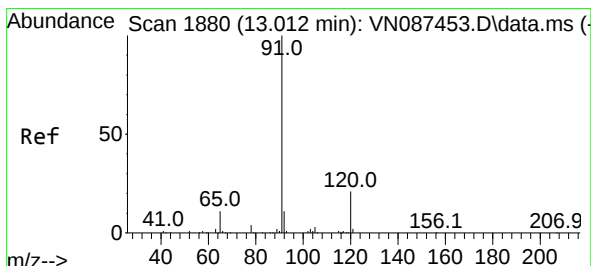
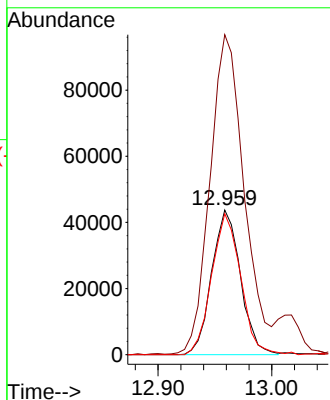
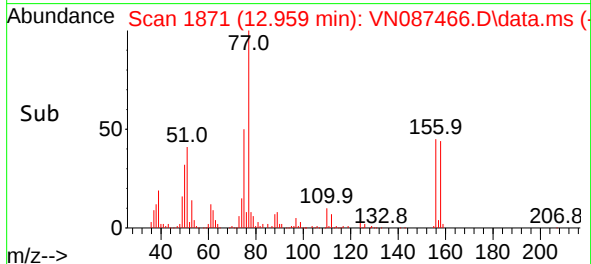
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:156 Resp: 7694
Ion Ratio Lower Upper
156 100
77 261.5 0.0 506.6
158 98.4 0.0 193.6

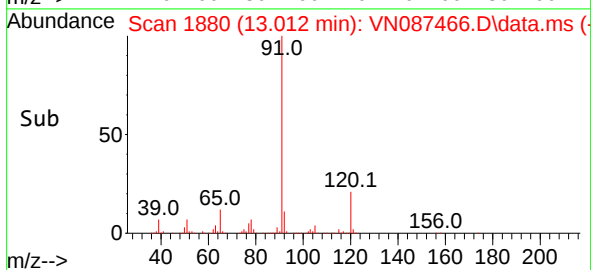
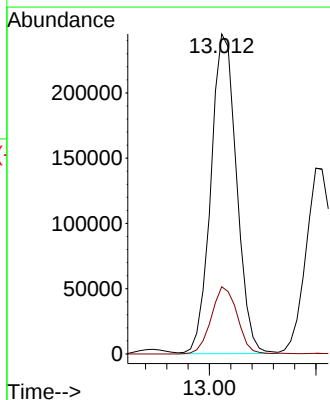
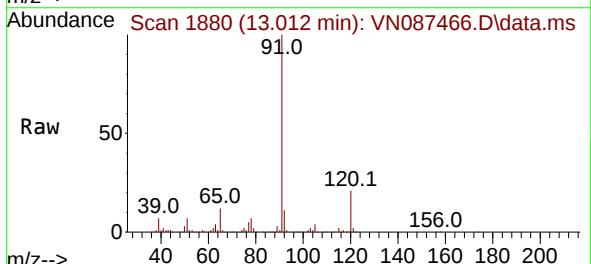
Manual Integrations
APPROVED

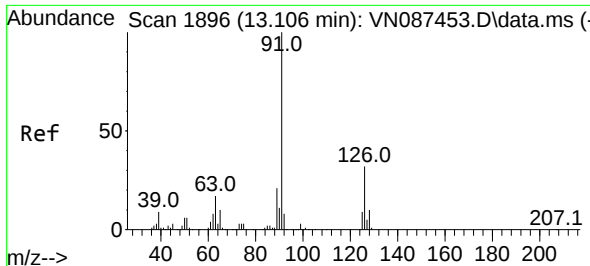
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#74
n-propylbenzene
Concen: 17.257 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

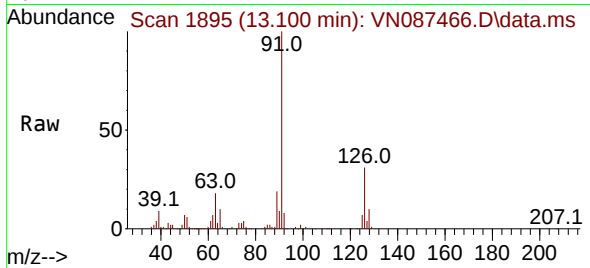
Tgt Ion: 91 Resp: 410297
Ion Ratio Lower Upper
91 100
120 21.2 0.0 41.8





#75
2-Chlorotoluene
Concen: 17.305 ug/l
RT: 13.100 min Scan# 1896
Delta R.T. -0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

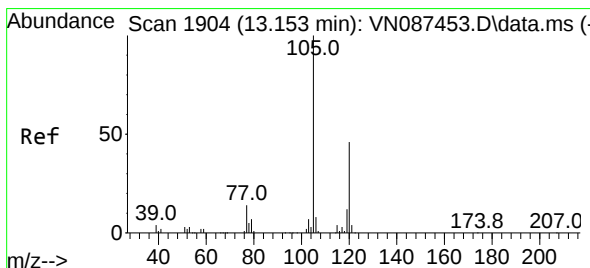
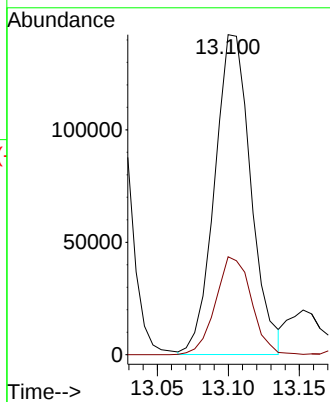
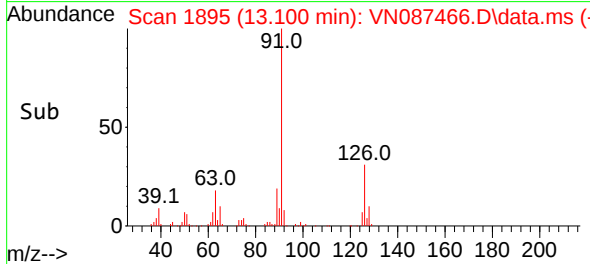
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 253093
Ion Ratio Lower Upper
91 100
126 30.2 0.0 60.4

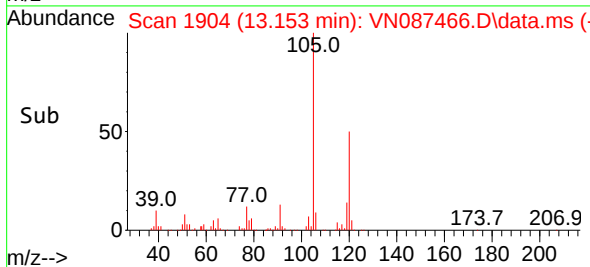
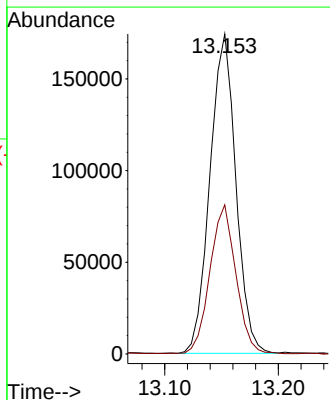
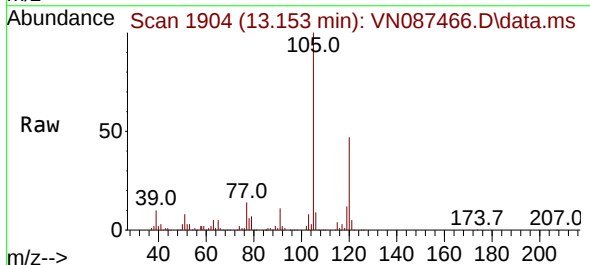
Manual Integrations
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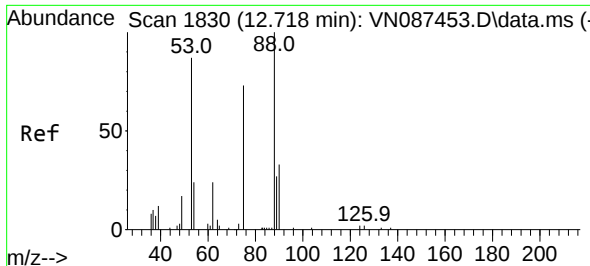
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#76
1,3,5-Trimethylbenzene
Concen: 16.963 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

Tgt Ion:105 Resp: 276506
Ion Ratio Lower Upper
105 100
120 46.8 0.0 91.2





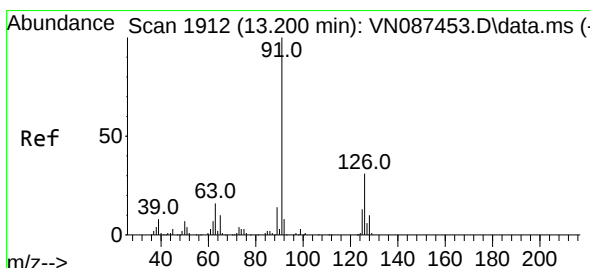
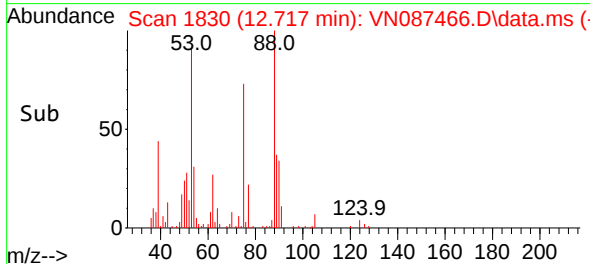
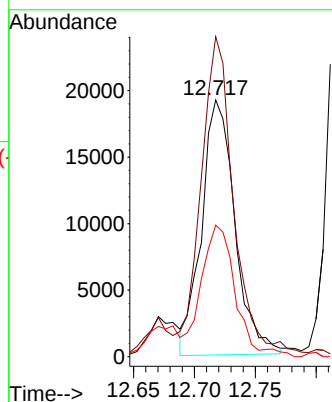
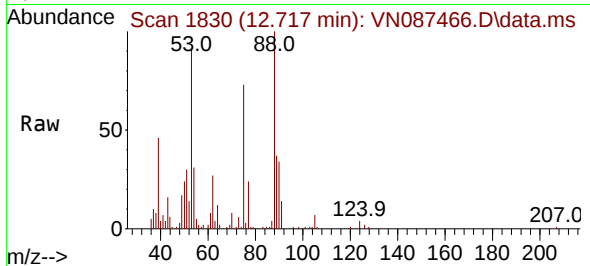
#77
t-1,4-Dichloro-2-butene
Concen: 15.868 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 3650
Ion Ratio Lower Upper
75 100
53 122.8 59.0 176.8
89 51.1 22.1 66.5

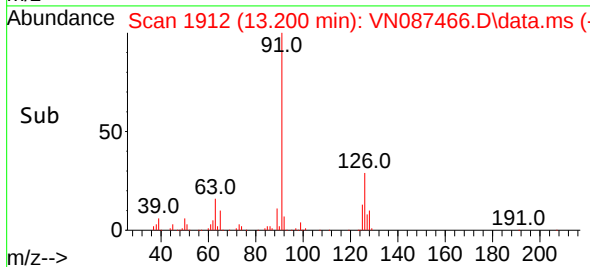
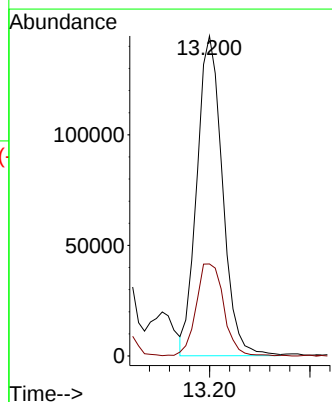
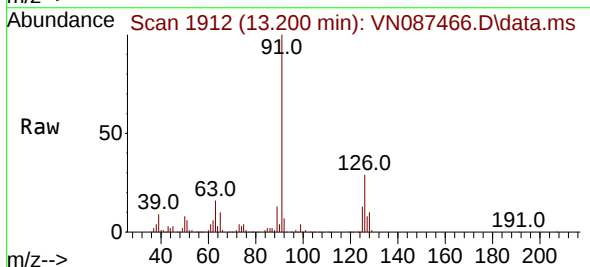
Manual Integrations
APPROVED

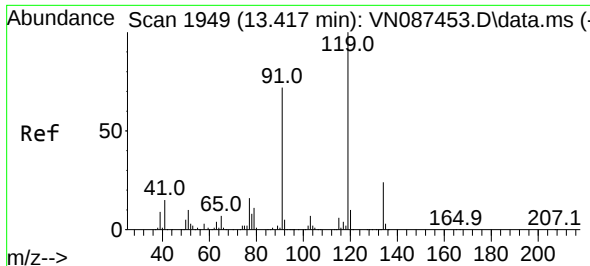
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#78
4-Chlorotoluene
Concen: 17.285 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

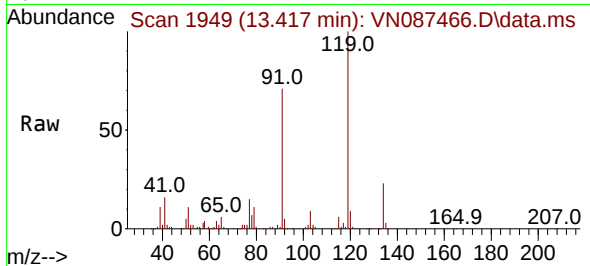
Tgt Ion: 91 Resp: 256186
Ion Ratio Lower Upper
91 100
126 30.9 0.0 63.2





#79
tert-butylbenzene
Concen: 17.522 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

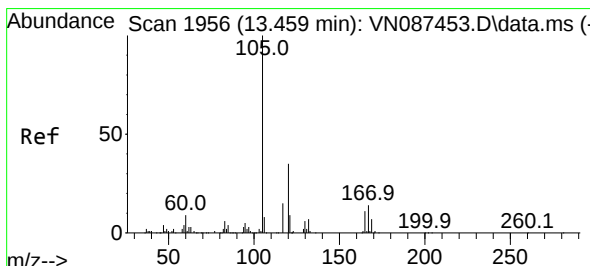
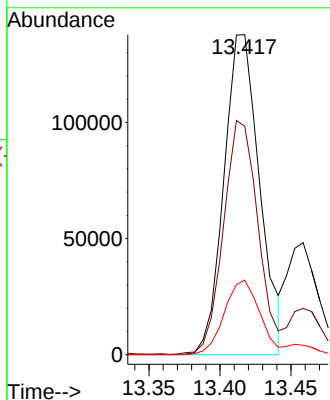
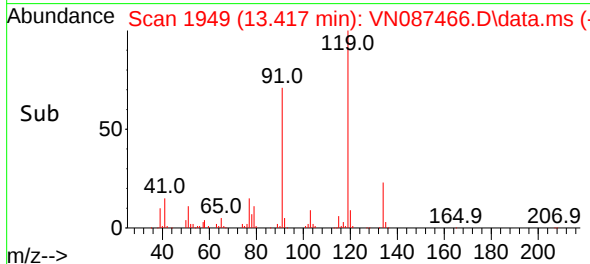
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



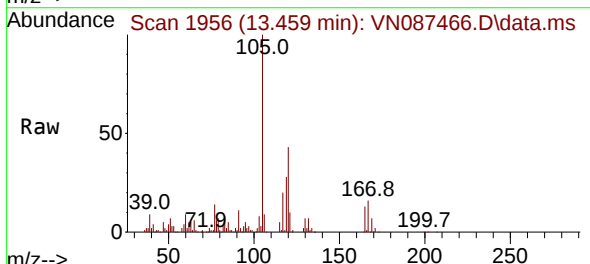
Tgt Ion:119 Resp: 240811
Ion Ratio Lower Upper
119 100
91 70.6 0.0 141.6
134 22.9 0.0 45.6

Manual Integrations
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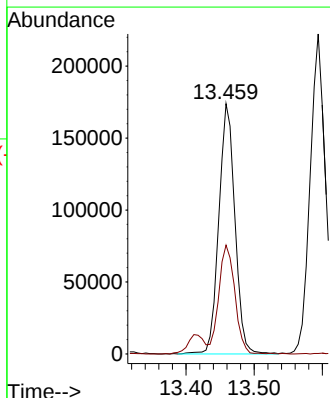
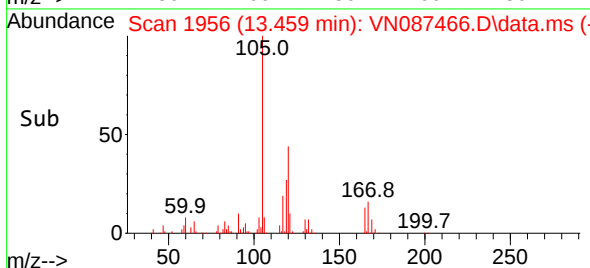
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

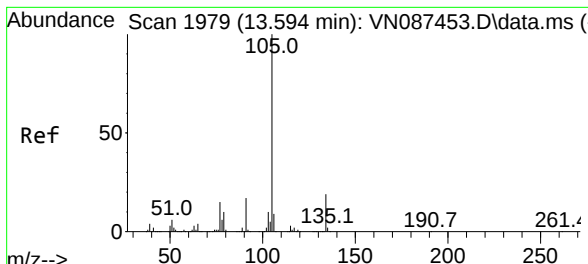


#80
1,2,4-Trimethylbenzene
Concen: 17.548 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17



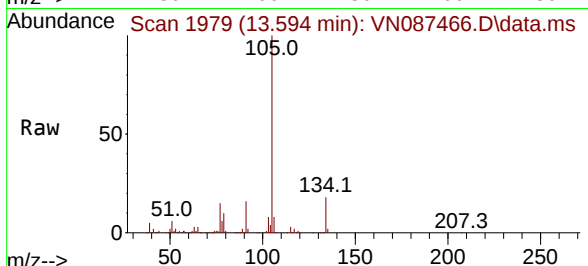
Tgt Ion:105 Resp: 285822
Ion Ratio Lower Upper
105 100
120 43.4 0.0 87.2





#81
 sec-Butylbenzene
 Concen: 17.351 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087466.D
 Acq: 05 Aug 2025 19:17

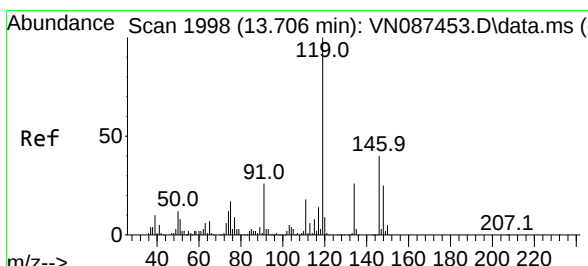
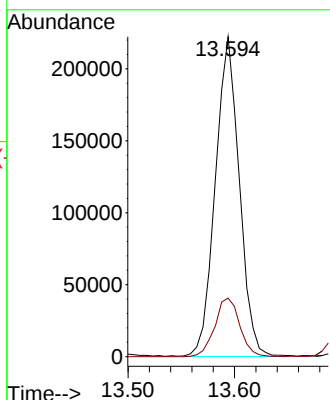
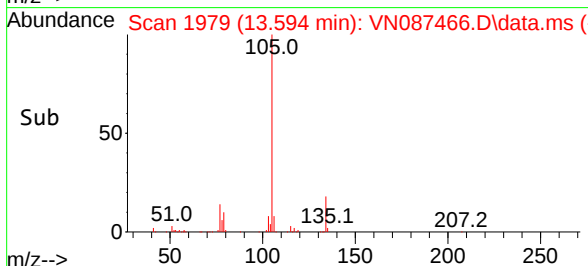
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020EC



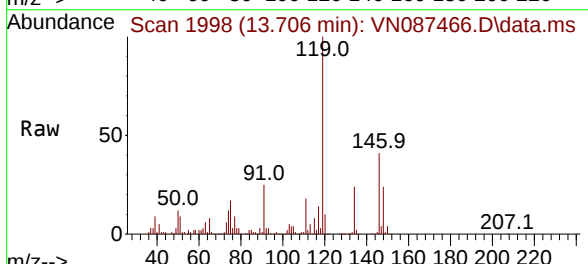
Tgt Ion:105 Resp: 34715
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 37.6

Manual Integrations
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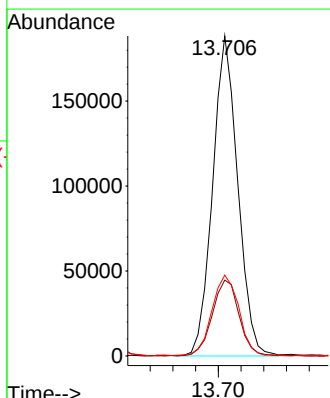
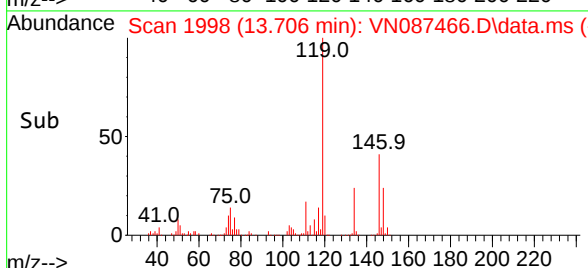
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

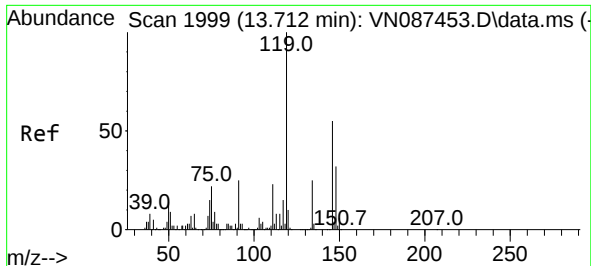


#82
 p-Isopropyltoluene
 Concen: 17.399 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087466.D
 Acq: 05 Aug 2025 19:17



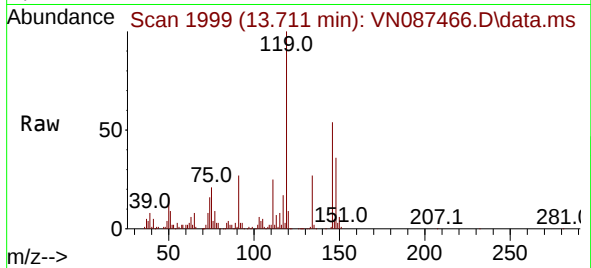
Tgt Ion:119 Resp: 289043
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 51.4
 91 26.7 0.0 52.0





#83
1,3-Dichlorobenzene
Concen: 17.571 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

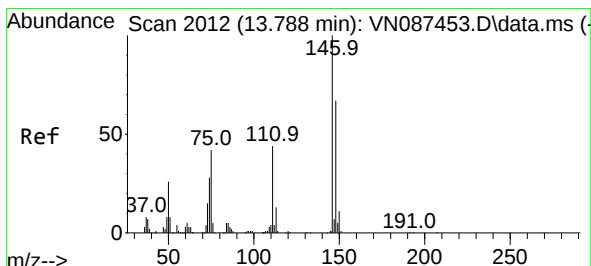
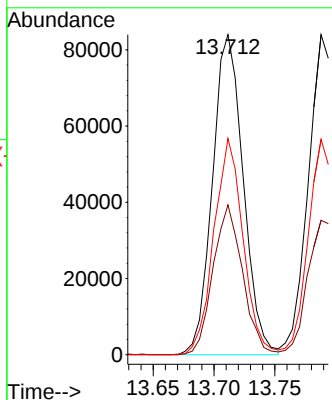
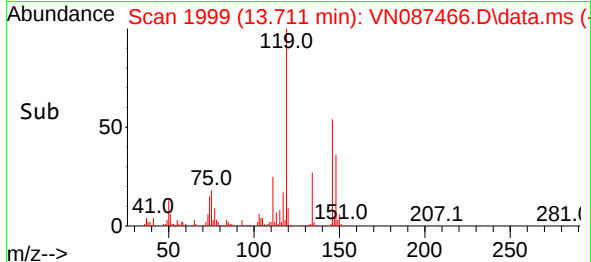
Instrument : MSVOA_N
ClientSampleId : VSTDCCC020EC



Tgt Ion:146 Resp: 147672
Ion Ratio Lower Upper
146 100
111 45.0 21.9 65.5
148 63.7 31.3 93.9

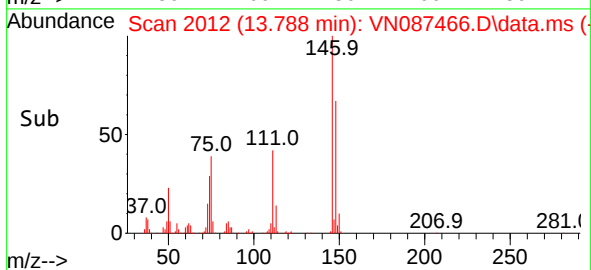
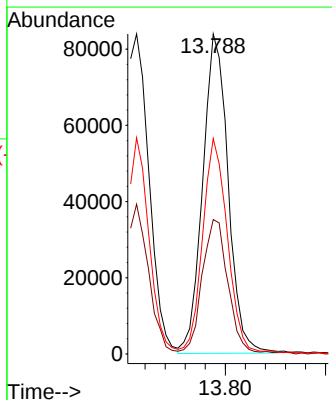
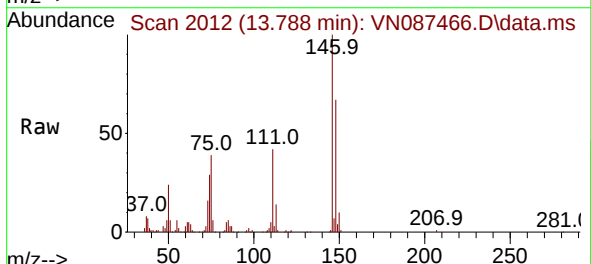
Manual Integrations
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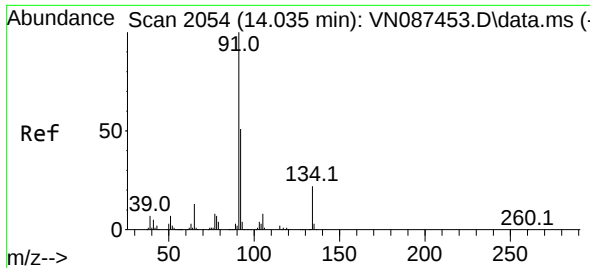
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#84
1,4-Dichlorobenzene
Concen: 17.313 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

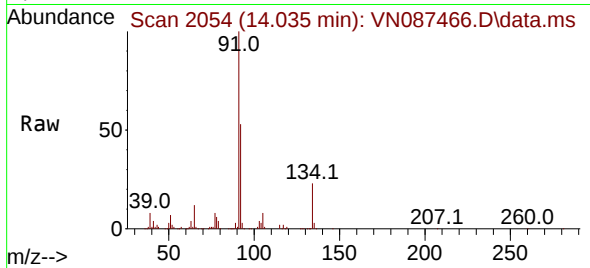
Tgt Ion:146 Resp: 147514
Ion Ratio Lower Upper
146 100
111 42.7 21.1 63.1
148 65.5 31.4 94.3





#85
n-Butylbenzene
Concen: 17.281 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

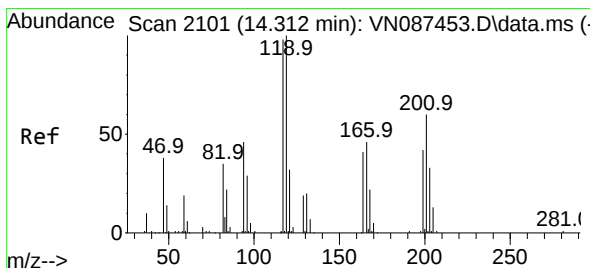
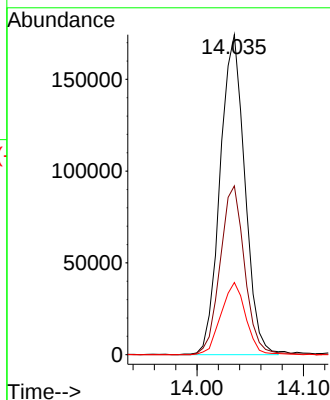
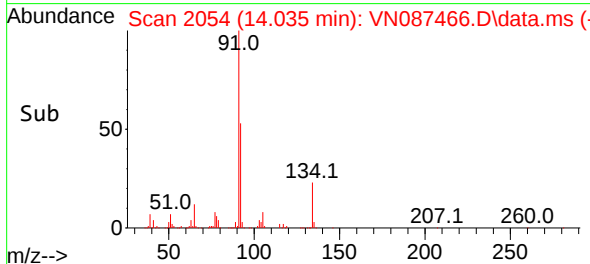
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 280872
Ion Ratio Lower Upper
91 100
92 52.3 0.0 106.6
134 22.6 0.0 44.4

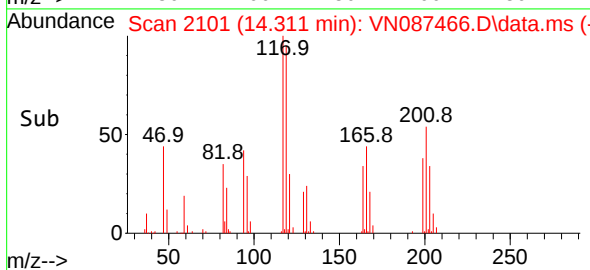
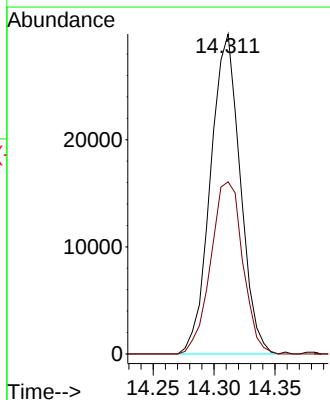
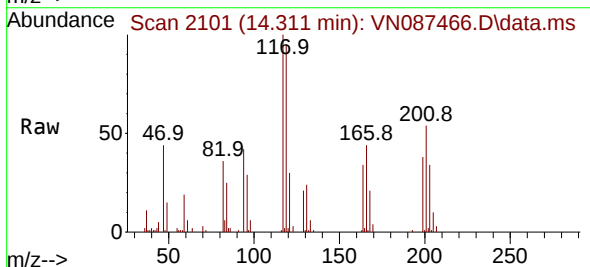
Manual Integrations
APPROVED

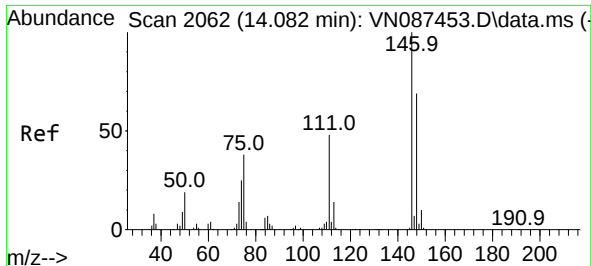
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#86
Hexachloroethane
Concen: 15.642 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

Tgt Ion:117 Resp: 50744
Ion Ratio Lower Upper
117 100
201 58.0 29.1 87.4





#87

1,2-Dichlorobenzene

Concen: 17.820 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087466.D

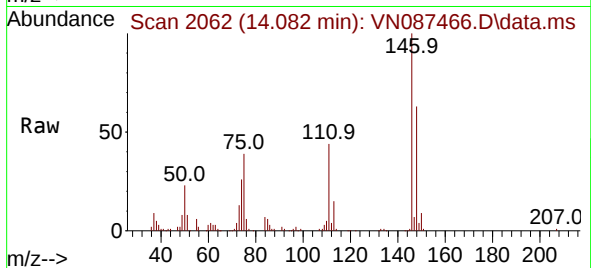
Acq: 05 Aug 2025 19:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



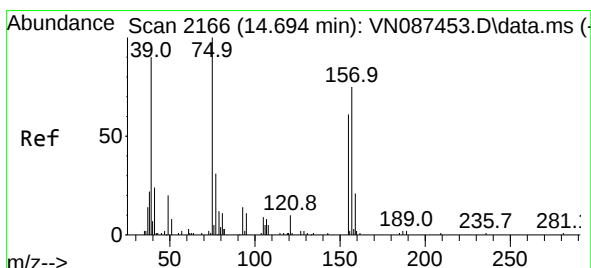
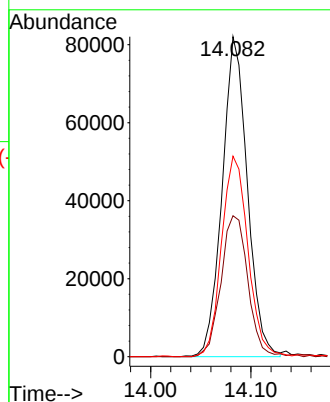
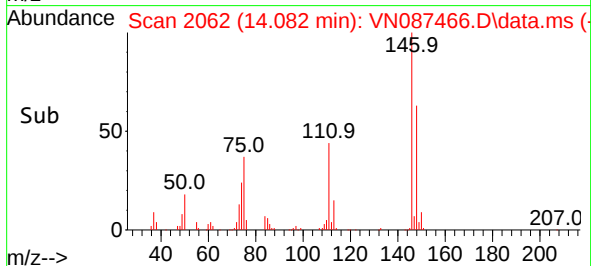
Tgt Ion:	146	Resp:	142950
Ion	Ratio	Lower	Upper
146	100		
111	46.9	22.9	68.7
148	65.6	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.761 ug/l

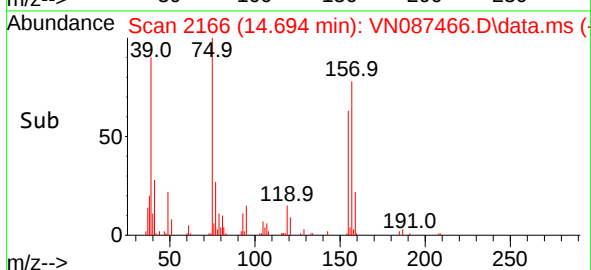
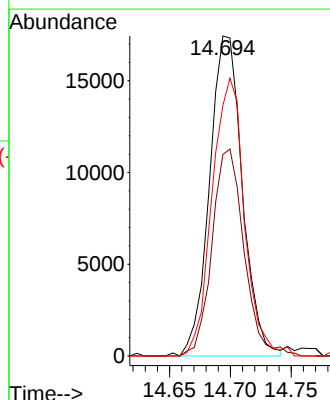
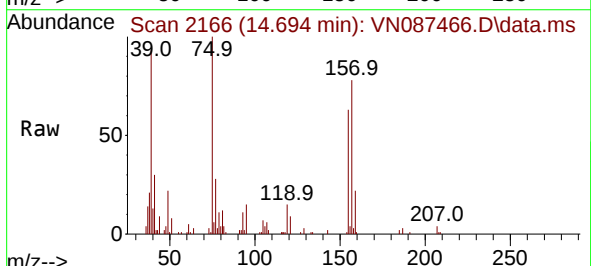
RT: 14.694 min Scan# 2166

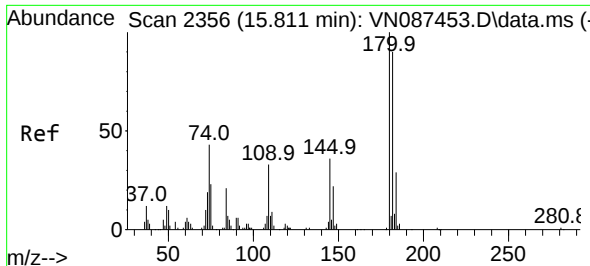
Delta R.T. -0.000 min

Lab File: VN087466.D

Acq: 05 Aug 2025 19:17

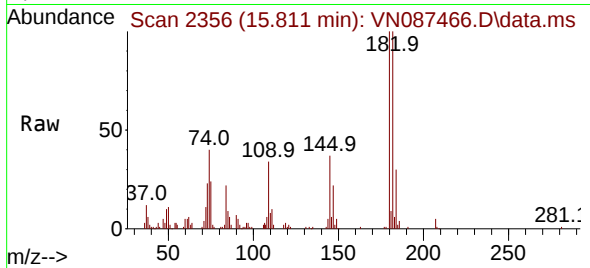
Tgt Ion:	75	Resp:	32655
Ion	Ratio	Lower	Upper
75	100		
155	62.1	55.7	83.5
157	85.1	65.8	98.6





#89
1,2,4-Trichlorobenzene
Concen: 17.725 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

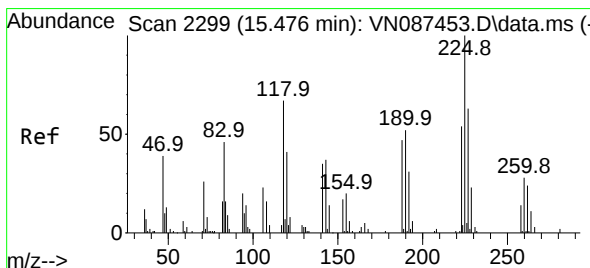
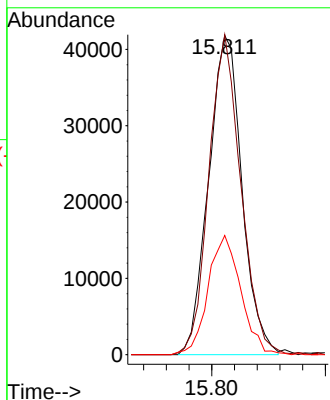
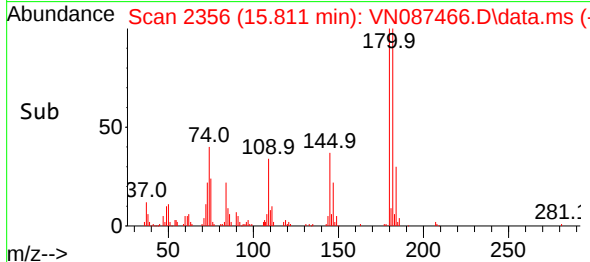
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



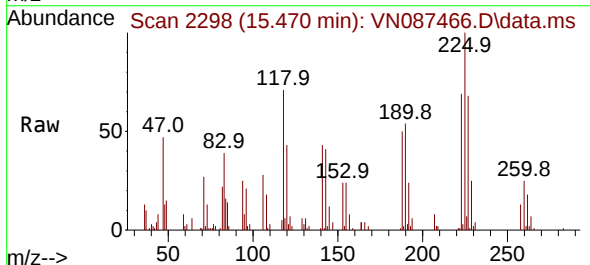
Tgt Ion:180 Resp: 84979
Ion Ratio Lower Upper
180 100
182 96.2 75.0 112.4
145 36.4 28.6 43.0

Manual Integrations
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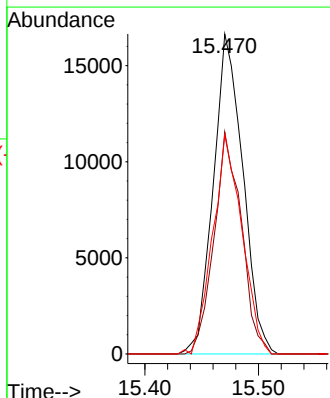
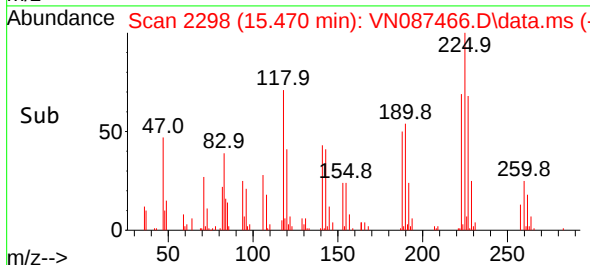
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

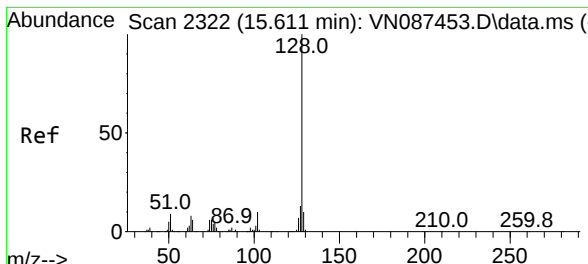


#90
Hexachlorobutadiene
Concen: 16.125 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17



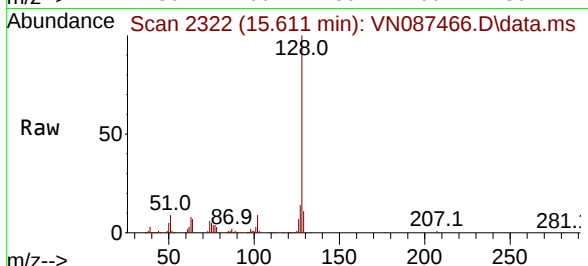
Tgt Ion:225 Resp: 30062
Ion Ratio Lower Upper
225 100
223 64.3 0.0 116.0
227 67.6 0.0 127.0





#91
Naphthalene
Concen: 18.504 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

Instrument : MSVOA_N
ClientSampleId : VSTDCCC020EC

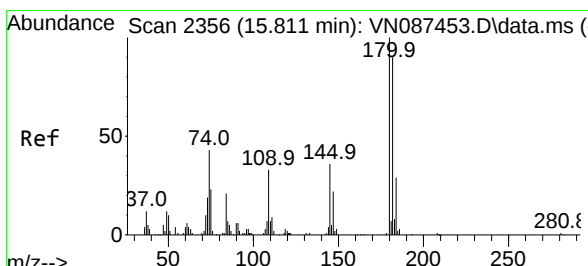
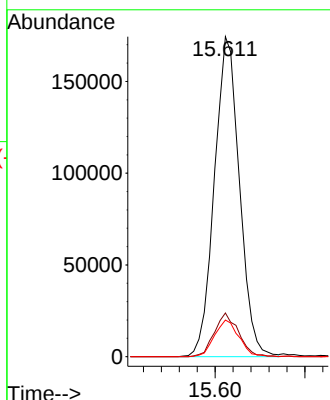
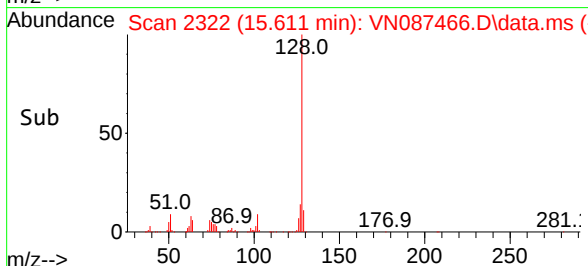


Tgt Ion:128 Resp: 338259

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.2	8.9	13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#92
1,2,3-Trichlorobenzene
Concen: 17.725 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087466.D
Acq: 05 Aug 2025 19:17

Tgt Ion:180 Resp: 84979

Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	187.4
145	36.4	0.0	71.6

