

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
 Data File : VN088396.D
 Acq On : 02 Dec 2025 10:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2025
 Supervised By : Mahesh Dadoda 12/03/2025

Quant Time: Dec 03 01:21:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	256486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	469714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	423596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	206439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	253924	52.554	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.100%			
35) Dibromofluoromethane	8.147	113	169082	51.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.880%			
50) Toluene-d8	10.541	98	627431	51.805	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.600%			
62) 4-Bromofluorobenzene	12.823	95	222462	53.532	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	201707	52.358	ug/l	94
3) Chloromethane	2.383	50	216818	52.402	ug/l	99
4) Vinyl Chloride	2.536	62	216260	51.377	ug/l	99
5) Bromomethane	2.977	94	110057	54.325	ug/l	97
6) Chloroethane	3.142	64	138211	53.058	ug/l	98
7) Trichlorofluoromethane	3.512	101	302840	51.190	ug/l	97
8) Diethyl Ether	3.959	74	120321	54.187	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	157122	49.888	ug/l	100
10) Methyl Iodide	4.583	142	162151	52.008	ug/l	96
11) Tert butyl alcohol	5.518	59	176749	229.125	ug/l	100
12) 1,1-Dichloroethene	4.342	96	157796	50.427	ug/l	95
13) Acrolein	4.177	56	238001	322.263	ug/l	100
14) Allyl chloride	5.018	41	307219	52.970	ug/l	99
15) Acrylonitrile	5.706	53	577731	259.578	ug/l	99
16) Acetone	4.418	43	394251	225.623	ug/l	100
17) Carbon Disulfide	4.706	76	519802	50.834	ug/l	99
18) Methyl Acetate	5.018	43	275418	52.951	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	656073	55.961	ug/l	98
20) Methylene Chloride	5.265	84	194465	52.016	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	182652	52.692	ug/l	99
22) Diisopropyl ether	6.653	45	690417	55.758	ug/l	97
23) Vinyl Acetate	6.588	43	2783447m	279.005	ug/l	
24) 1,1-Dichloroethane	6.553	63	373550	53.272	ug/l	98
25) 2-Butanone	7.465	43	721770	256.937	ug/l	98
26) 2,2-Dichloropropane	7.471	77	326244	53.901	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	213398	52.972	ug/l	97
28) Bromochloromethane	7.794	49	179221	51.306	ug/l	99
29) Tetrahydrofuran	7.818	42	530848	263.460	ug/l	99
30) Chloroform	7.947	83	375046	54.432	ug/l	93
31) Cyclohexane	8.235	56	316054	49.737	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	319775	52.783	ug/l	99
36) 1,1-Dichloropropene	8.353	75	252809	50.323	ug/l	99
37) Ethyl Acetate	7.541	43	327556	49.588	ug/l	99
38) Carbon Tetrachloride	8.341	117	264813	52.952	ug/l	99
39) Methylcyclohexane	9.577	83	269744	50.199	ug/l	95
40) Benzene	8.582	78	778430	52.795	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	179724	54.934	ug/l	96
42) 1,2-Dichloroethane	8.647	62	313321	55.698	ug/l	100
43) Isopropyl Acetate	8.671	43	536207	53.130	ug/l	98
44) Trichloroethene	9.329	130	173301	49.744	ug/l	99
45) 1,2-Dichloropropane	9.600	63	202253	53.539	ug/l	95
46) Dibromomethane	9.688	93	145893	54.115	ug/l	98
47) Bromodichloromethane	9.865	83	299715	54.485	ug/l	95
48) Methyl methacrylate	9.659	41	251492	54.615	ug/l	99
49) 1,4-Dioxane	9.677	88	52735	900.506	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	1630933	274.163	ug/l	99
52) Toluene	10.606	92	472055	55.446	ug/l	100
53) t-1,3-Dichloropropene	10.812	75	314605	55.718	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	328168	55.267	ug/l	93
55) 1,1,2-Trichloroethane	10.994	97	176797	53.673	ug/l	97
56) Ethyl methacrylate	10.853	69	309997	59.578	ug/l	98
57) 1,3-Dichloropropane	11.141	76	325930	54.848	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	889687	296.591	ug/l	100
59) 2-Hexanone	11.176	43	1056107	281.819	ug/l	99
60) Dibromochloromethane	11.335	129	206242	54.923	ug/l	97
61) 1,2-Dibromoethane	11.447	107	179422	53.790	ug/l	98
64) Tetrachloroethene	11.082	164	150384	44.782	ug/l	95
65) Chlorobenzene	11.870	112	501501	52.708	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	173343	54.016	ug/l	99
67) Ethyl Benzene	11.941	91	894936	53.815	ug/l	98
68) m/p-Xylenes	12.047	106	675748	109.596	ug/l	98
69) o-Xylene	12.376	106	320961	54.601	ug/l	98
70) Styrene	12.388	104	558107	58.473	ug/l	98
71) Bromoform	12.559	173	129299	55.009	ug/l #	99
73) Isopropylbenzene	12.670	105	839483	54.998	ug/l	99
74) N-amyl acetate	12.500	43	224758	43.238	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.912	83	256991	52.080	ug/l	99
76) 1,2,3-Trichloropropane	12.965	75	252352m	52.191	ug/l	
77) Bromobenzene	12.959	156	190306	54.491	ug/l	97
78) n-propylbenzene	13.012	91	1016994	54.462	ug/l	100
79) 2-Chlorotoluene	13.100	91	612443	53.708	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	697012	55.108	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.712	75	94876	55.667	ug/l #	96
82) 4-Chlorotoluene	13.200	91	640056	56.512	ug/l	99
83) tert-Butylbenzene	13.412	119	575684	53.542	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	713305	56.739	ug/l	98
85) sec-Butylbenzene	13.594	105	828143	53.615	ug/l	100
86) p-Isopropyltoluene	13.706	119	701349	55.372	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	361671	53.199	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	371515	52.169	ug/l	98
89) n-Butylbenzene	14.029	91	658940	53.581	ug/l	99
90) Hexachloroethane	14.306	117	126648	54.735	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	343460	53.685	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	62450	52.162	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	196829	51.780	ug/l	98
94) Hexachlorobutadiene	15.470	225	68831	50.390	ug/l	97
95) Naphthalene	15.611	128	703067	53.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	189649	51.264	ug/l	97

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VSTDCCC050

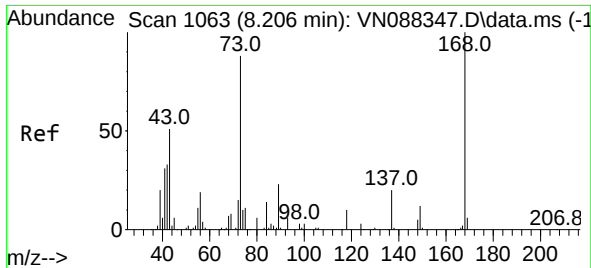
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Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

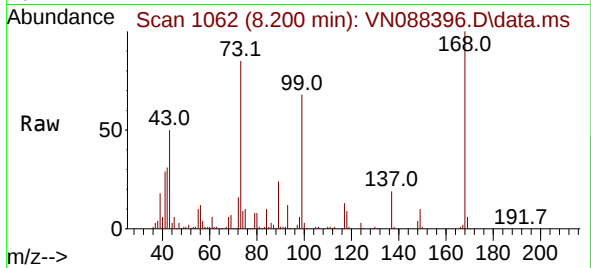
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

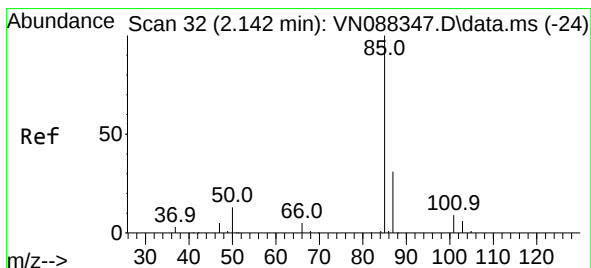
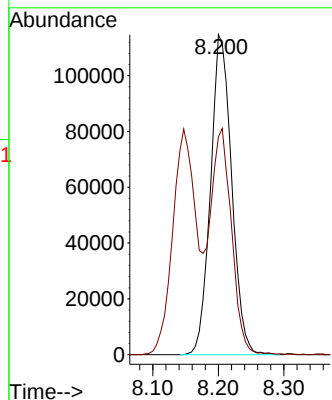
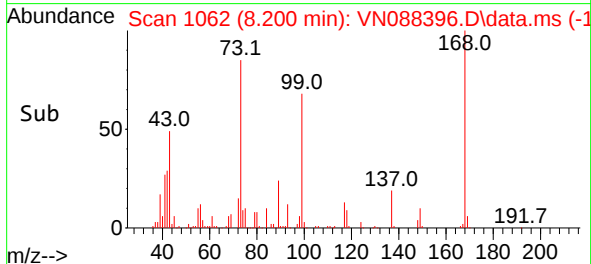
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 256480
Ion Ratio Lower Upper
168 100
99 67.8 57.1 85.7

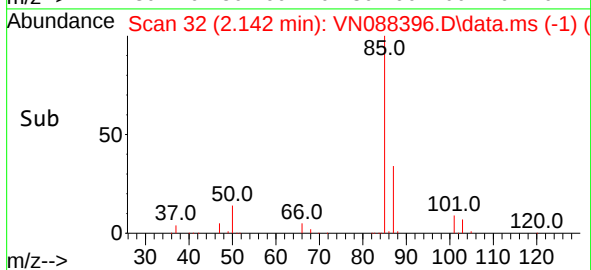
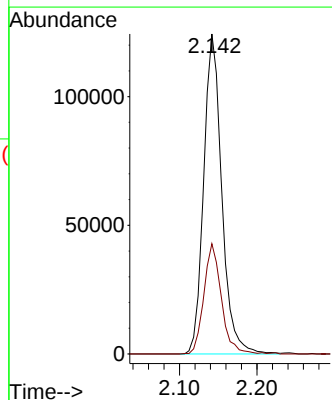
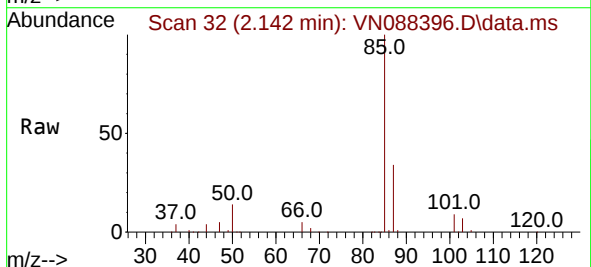
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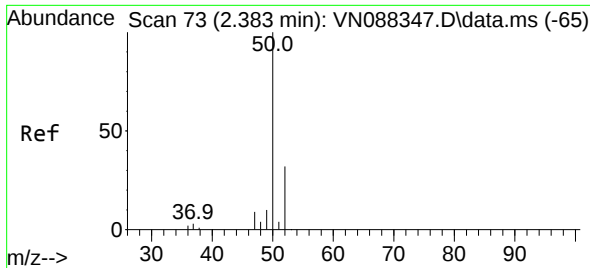
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#2
Dichlorodifluoromethane
Concen: 52.358 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

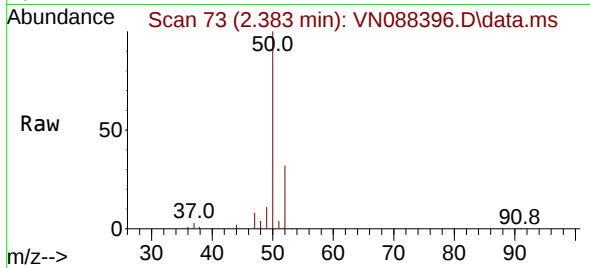
Tgt Ion: 85 Resp: 201707
Ion Ratio Lower Upper
85 100
87 34.4 15.6 46.7





#3
Chloromethane
Concen: 52.402 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

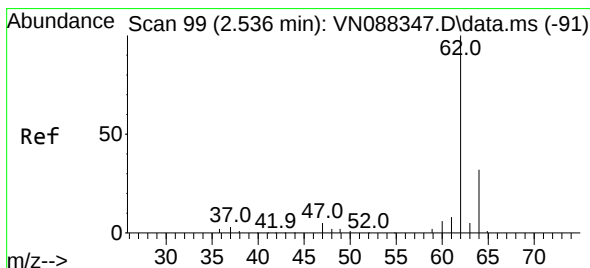
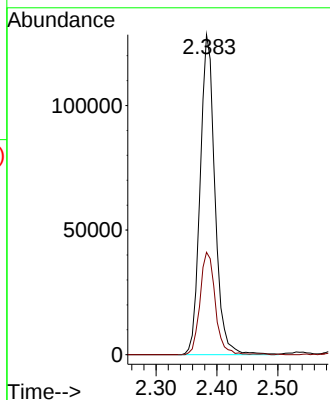
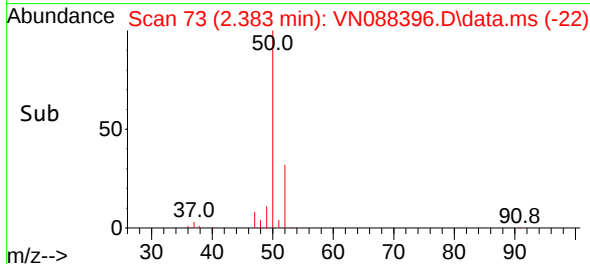
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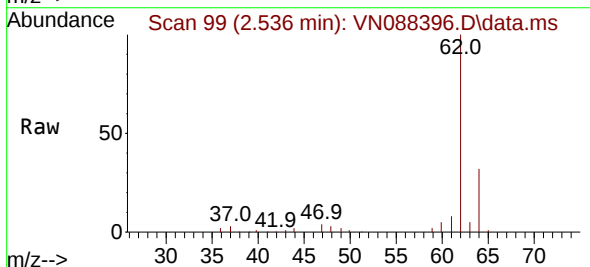
Tgt Ion: 50 Resp: 216818
Ion Ratio Lower Upper
50 100
52 32.0 25.2 37.8

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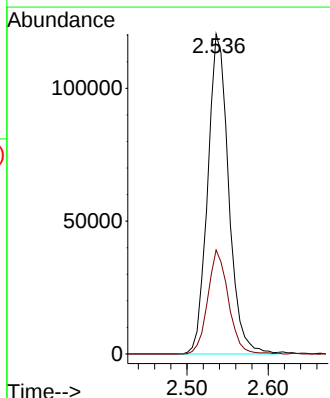
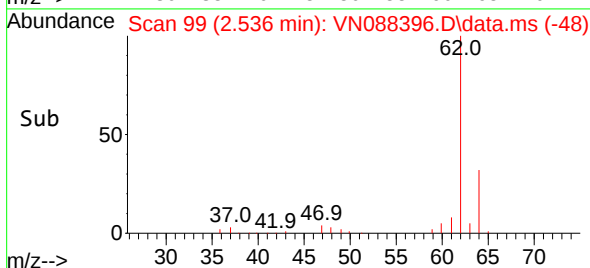
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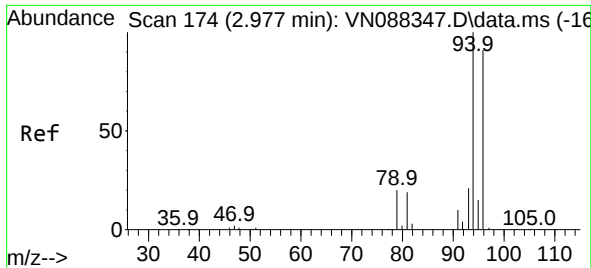


#4
Vinyl Chloride
Concen: 51.377 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



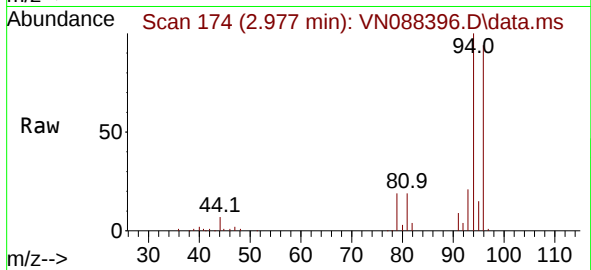
Tgt Ion: 62 Resp: 216260
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.2





#5
Bromomethane
Concen: 54.325 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

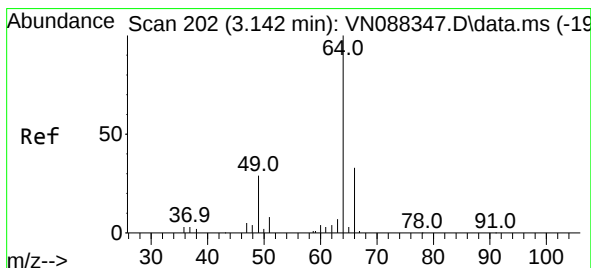
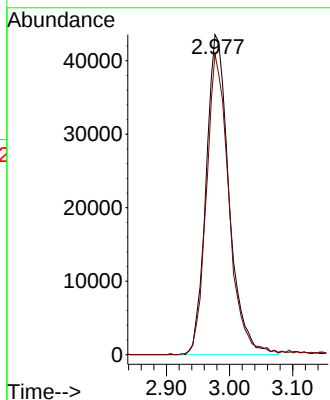
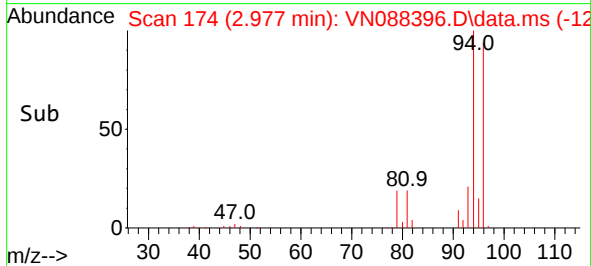
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Tgt Ion: 94 Resp: 1105
Ion Ratio Lower Upper
94 100
96 94.0 73.2 109.8

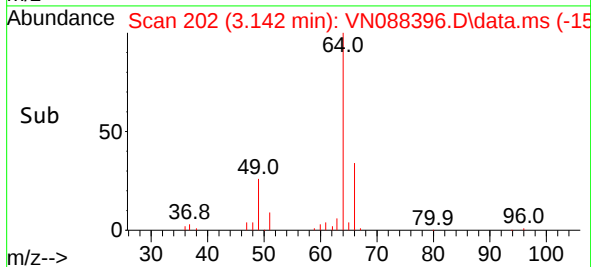
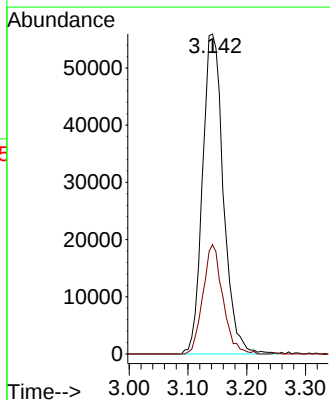
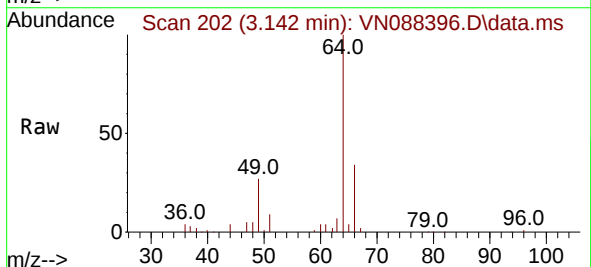
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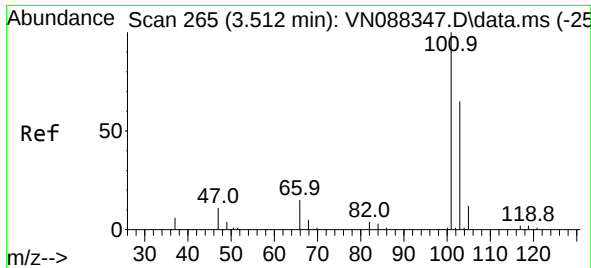
Reviewed By :John Carlone 12/03/2025
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#6
Chloroethane
Concen: 53.058 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

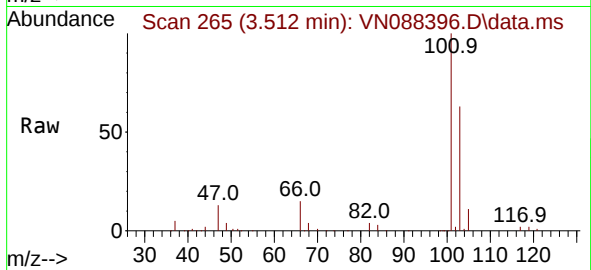
Tgt Ion: 64 Resp: 138211
Ion Ratio Lower Upper
64 100
66 34.1 26.4 39.6





#7
Trichlorofluoromethane
Concen: 51.190 ug/l
RT: 3.512 min Scan# 265
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

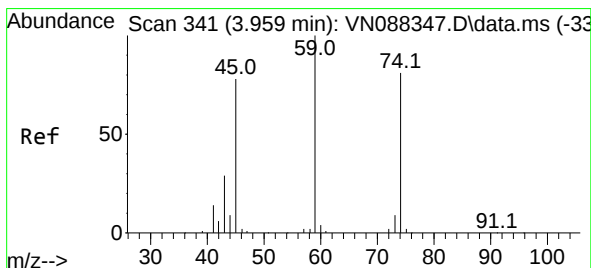
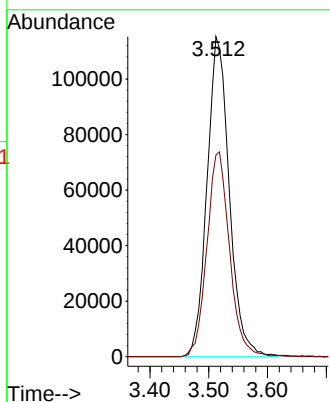
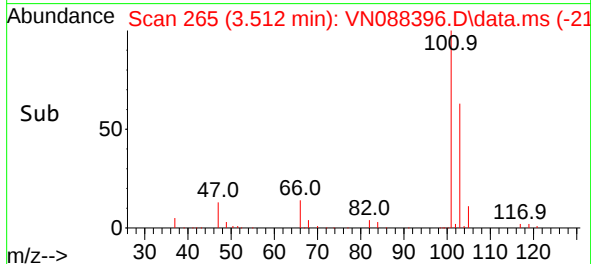
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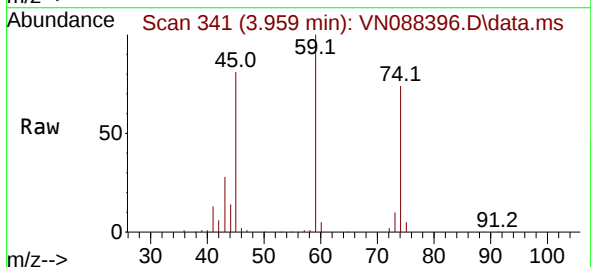
Tgt Ion:101 Resp: 302840
Ion Ratio Lower Upper
101 100
103 63.0 52.3 78.5

Manual Integrations
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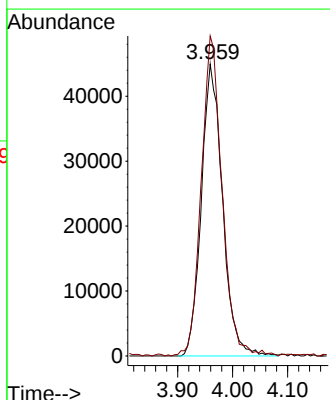
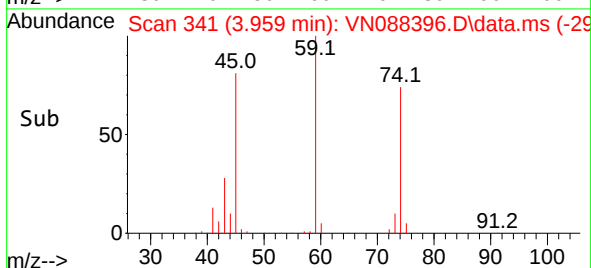
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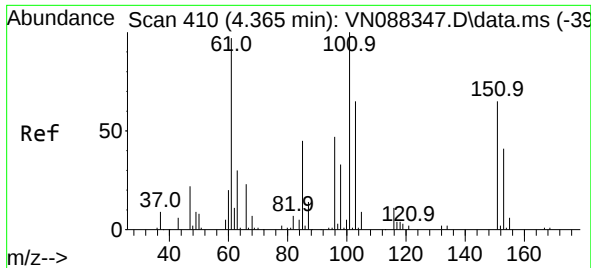


#8
Diethyl Ether
Concen: 54.187 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



Tgt Ion: 74 Resp: 120321
Ion Ratio Lower Upper
74 100
45 107.4 54.2 162.6





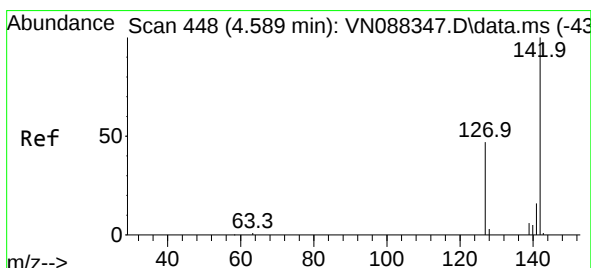
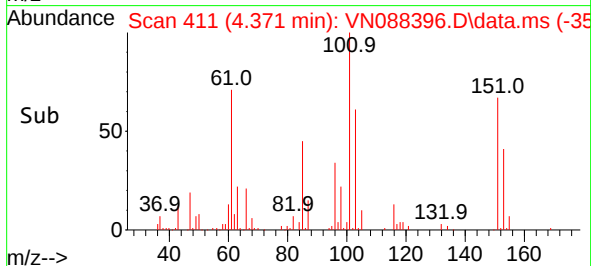
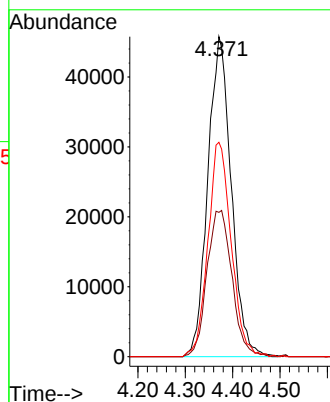
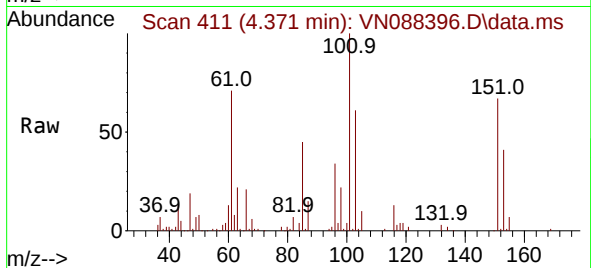
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.888 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 15712
Ion Ratio Lower Upper
101 100
85 48.7 39.2 58.8
151 66.5 53.6 80.4

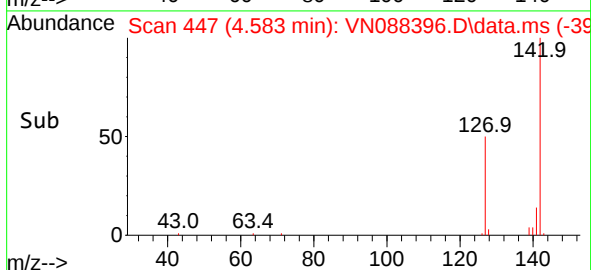
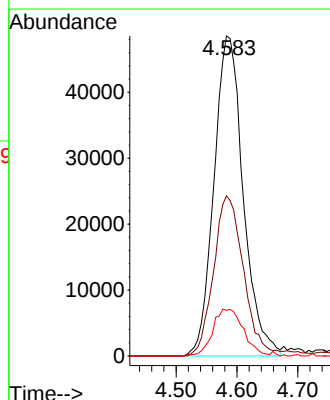
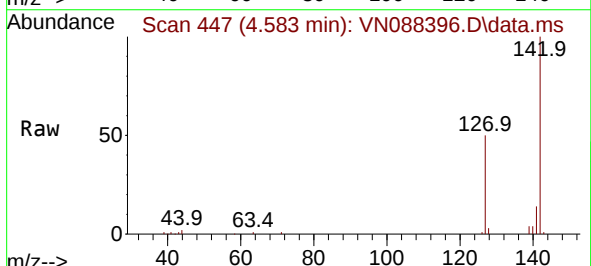
Manual Integrations
APPROVED

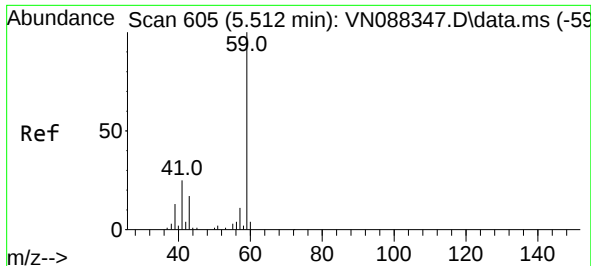
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#10
Methyl Iodide
Concen: 52.008 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

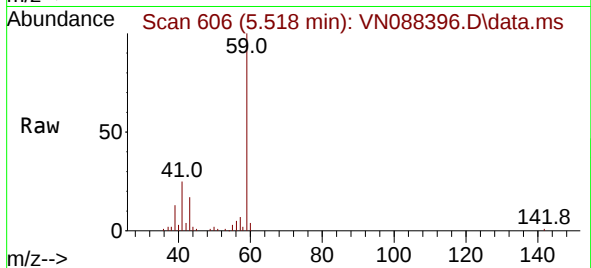
Tgt Ion:142 Resp: 162151
Ion Ratio Lower Upper
142 100
127 50.0 37.9 56.9
141 14.2 12.4 18.6





#11
Tert butyl alcohol
Concen: 229.125 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

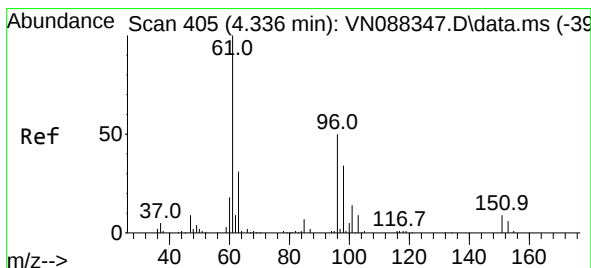
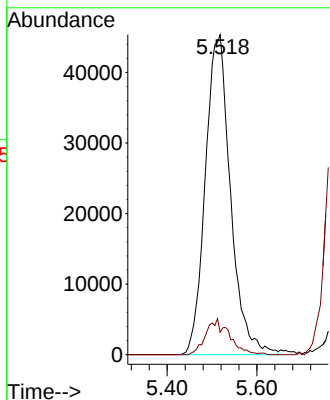
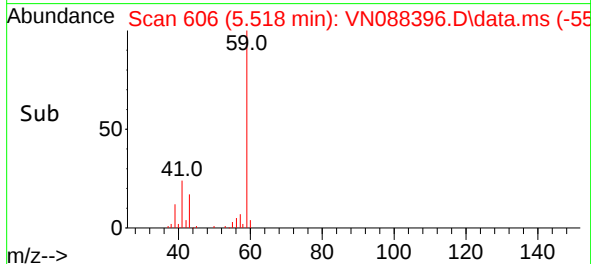
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



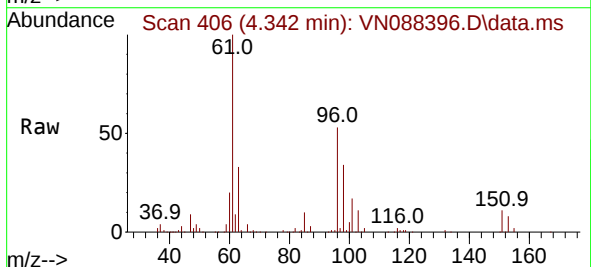
Tgt Ion: 59 Resp: 176749
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

Manual Integrations
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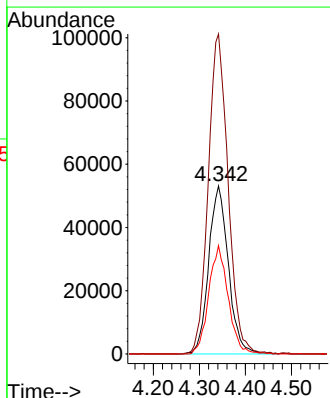
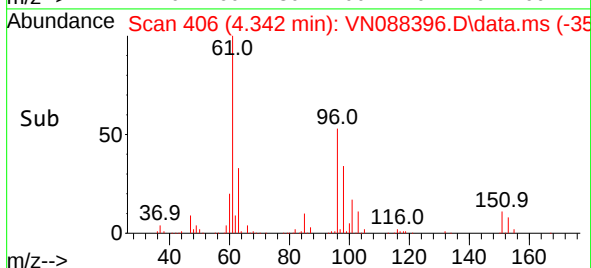
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

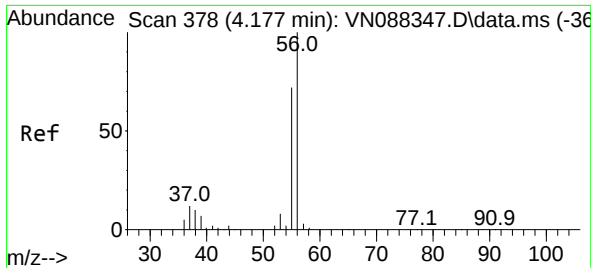


#12
1,1-Dichloroethene
Concen: 50.427 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



Tgt Ion: 96 Resp: 157796
Ion Ratio Lower Upper
96 100
61 190.4 159.1 238.7
98 64.5 53.7 80.5





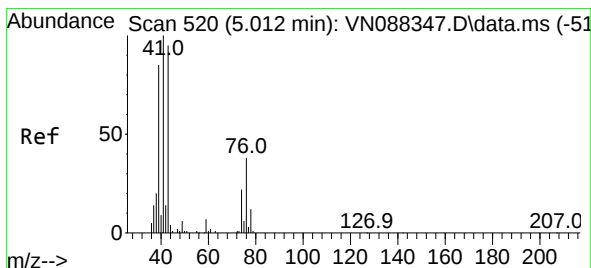
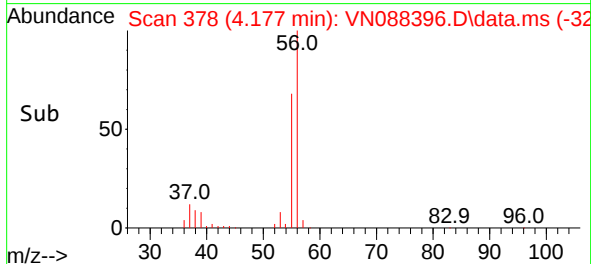
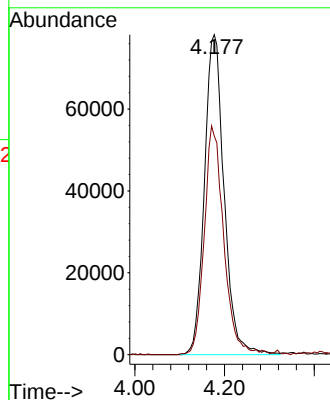
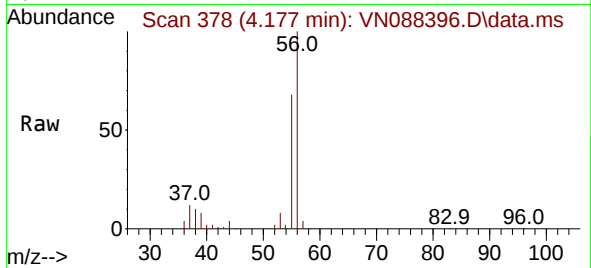
#13
Acrolein
Concen: 322.263 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 23800
Ion Ratio Lower Upper
56 100
55 70.3 56.3 84.5

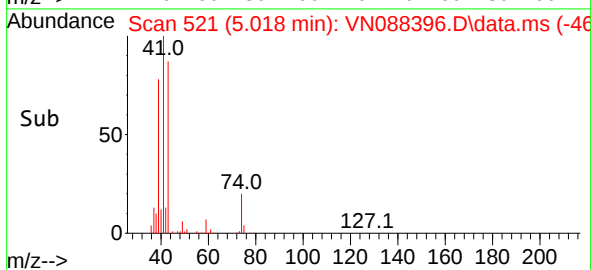
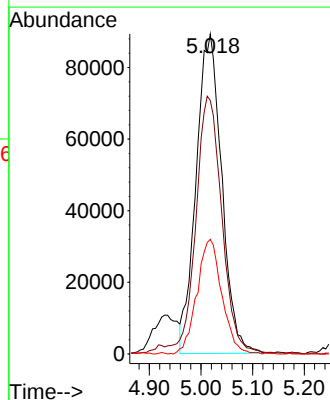
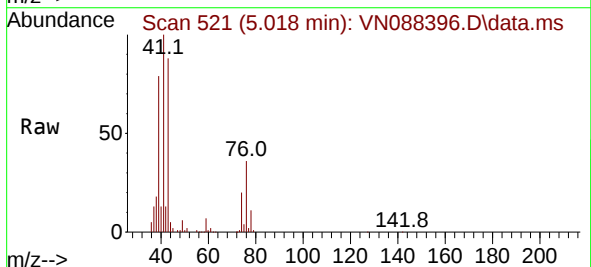
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#14
Allyl chloride
Concen: 52.970 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

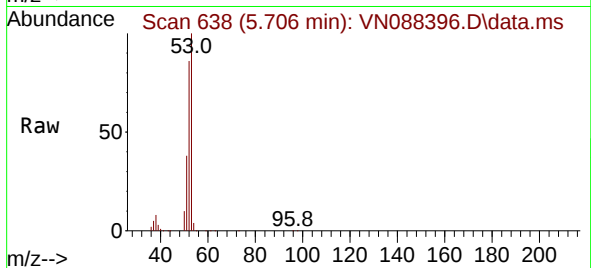
Tgt Ion: 41 Resp: 307219
Ion Ratio Lower Upper
41 100
39 80.5 64.7 97.1
76 34.9 29.1 43.7





#15
Acrylonitrile
Concen: 259.578 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

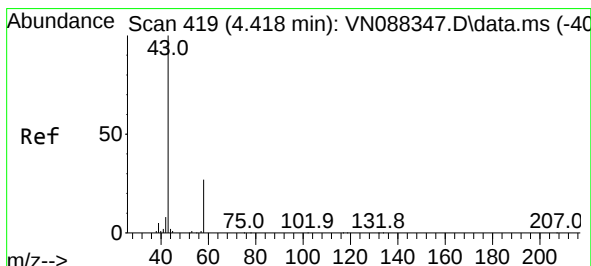
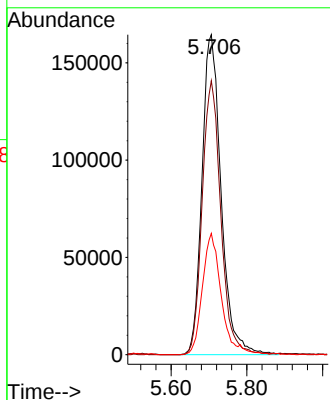
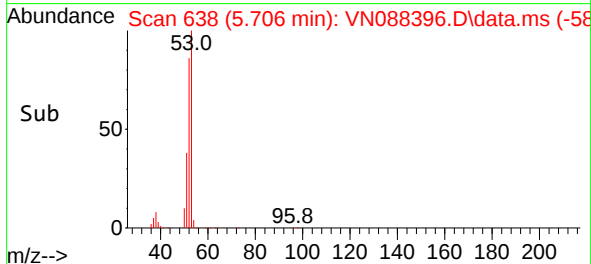
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 57773
Ion Ratio Lower Upper
53 100
52 83.0 67.8 101.6
51 37.4 29.8 44.8

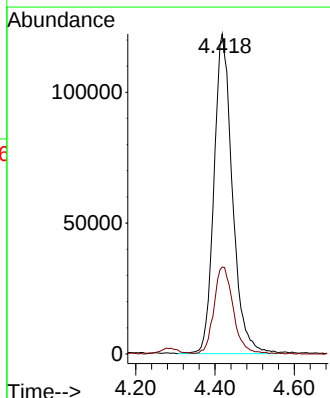
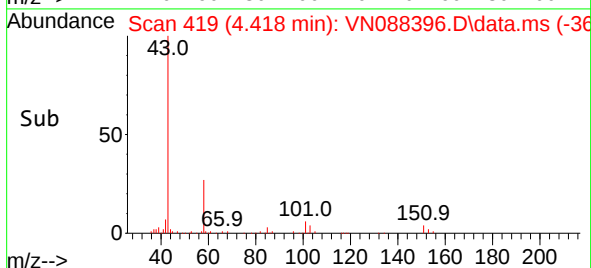
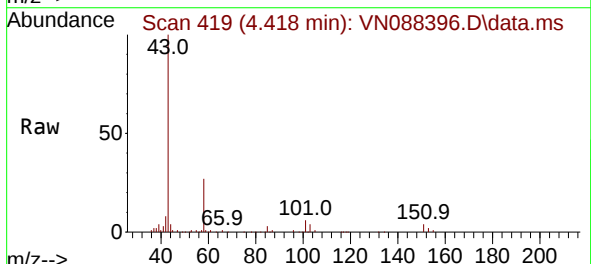
Manual Integrations
APPROVED

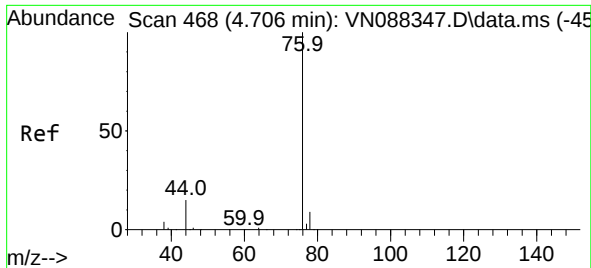
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#16
Acetone
Concen: 225.623 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 43 Resp: 394251
Ion Ratio Lower Upper
43 100
58 26.9 21.7 32.5





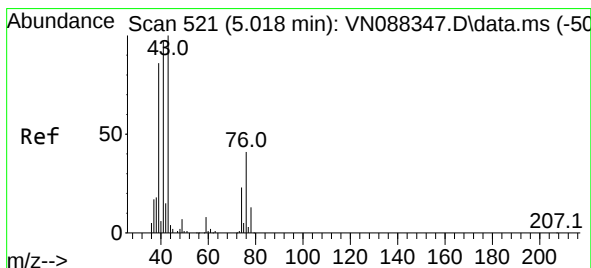
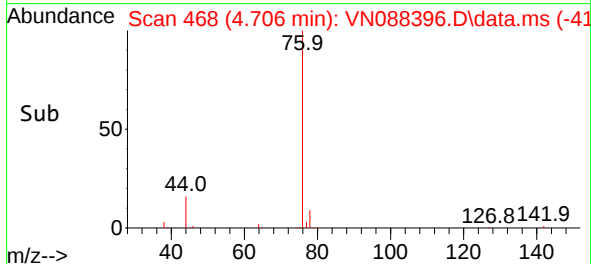
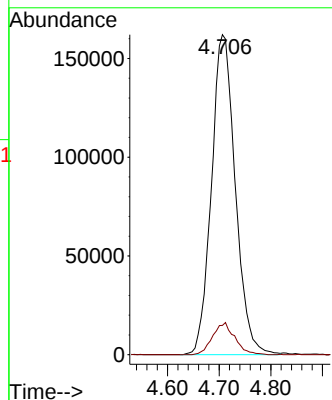
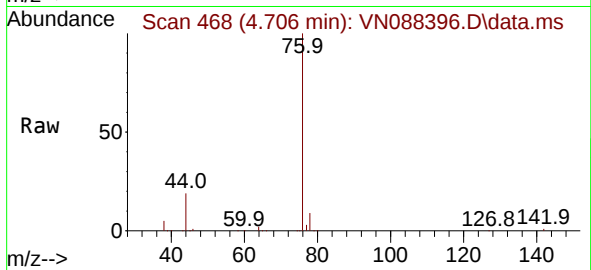
#17
Carbon Disulfide
Concen: 50.834 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 51980
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

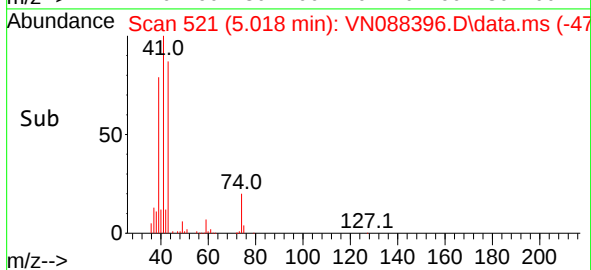
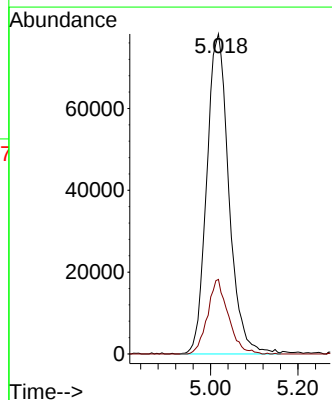
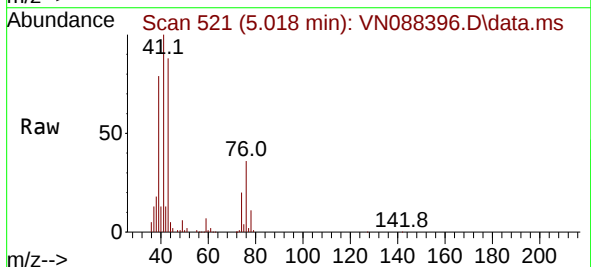
Manual Integrations
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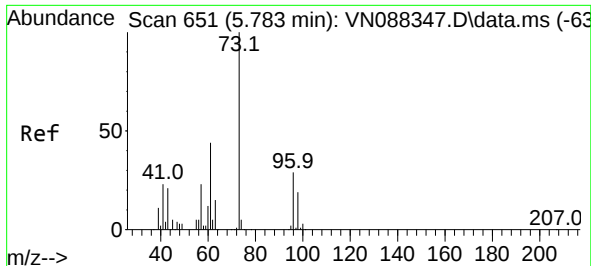
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#18
Methyl Acetate
Concen: 52.951 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 43 Resp: 275418
Ion Ratio Lower Upper
43 100
74 21.8 17.9 26.9





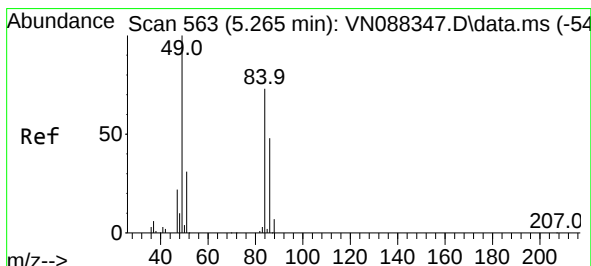
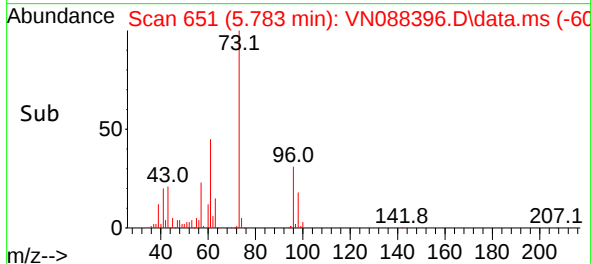
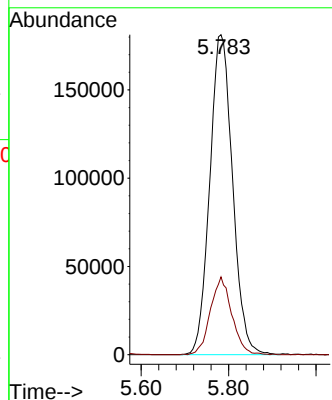
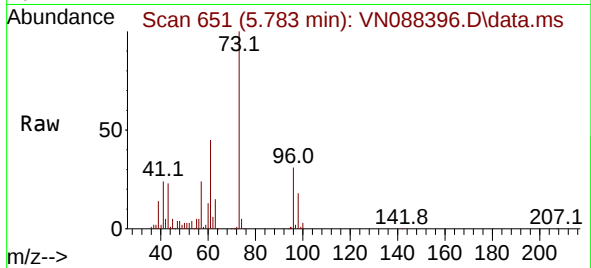
#19
Methyl tert-butyl Ether
Concen: 55.961 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 656073
Ion Ratio Lower Upper
73 100
57 24.3 18.6 28.0

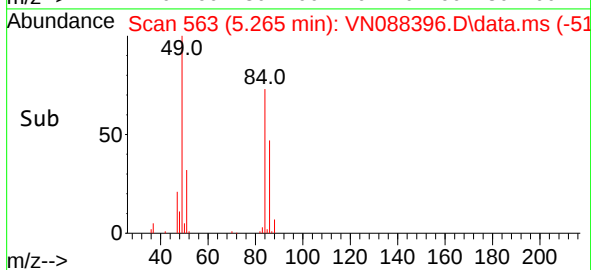
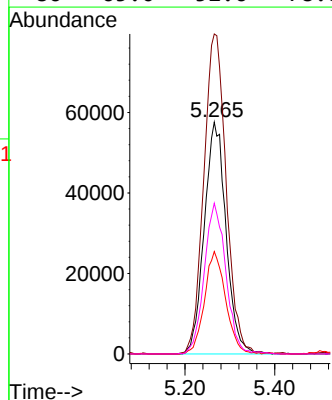
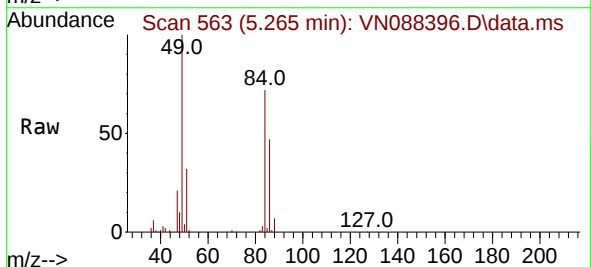
Manual Integrations
APPROVED

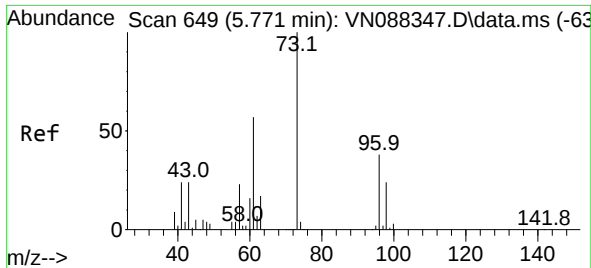
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#20
Methylene Chloride
Concen: 52.016 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

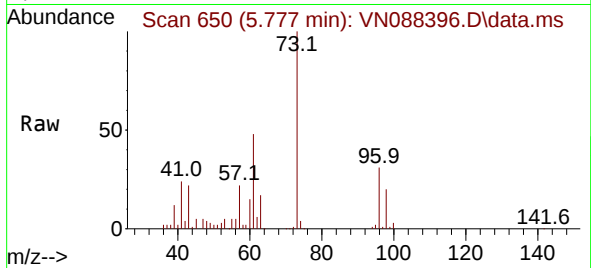
Tgt Ion: 84 Resp: 194465
Ion Ratio Lower Upper
84 100
49 137.7 110.2 165.2
51 44.2 34.1 51.1
86 65.0 52.6 78.8





#21
trans-1,2-Dichloroethene
Concen: 52.692 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

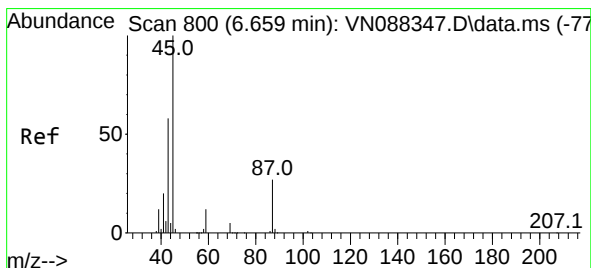
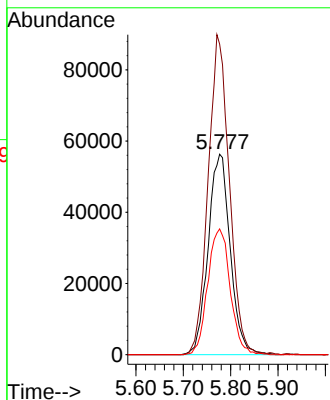
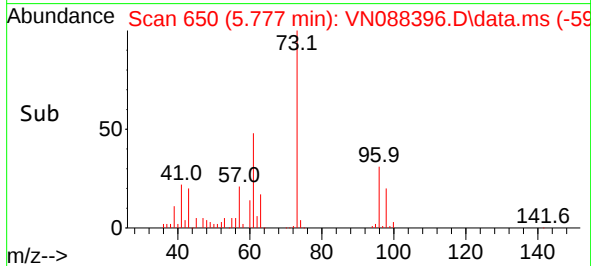
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



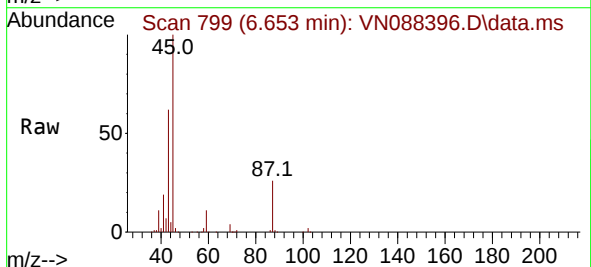
Tgt Ion: 96 Resp: 182652
Ion Ratio Lower Upper
96 100
61 154.9 122.4 183.6
98 62.7 50.9 76.3

Manual Integrations
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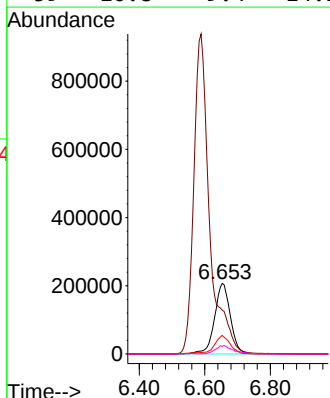
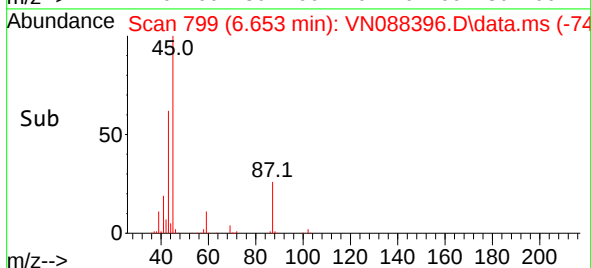
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

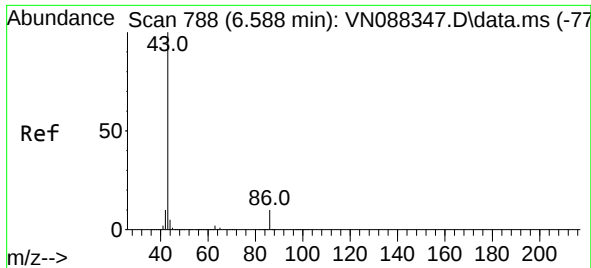


#22
Diisopropyl ether
Concen: 55.758 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



Tgt Ion: 45 Resp: 690417
Ion Ratio Lower Upper
45 100
43 61.7 47.4 71.2
87 26.4 21.9 32.9
59 10.8 9.4 14.2





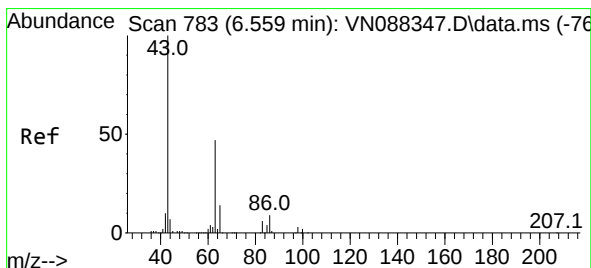
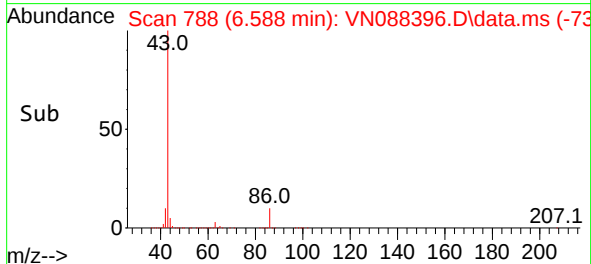
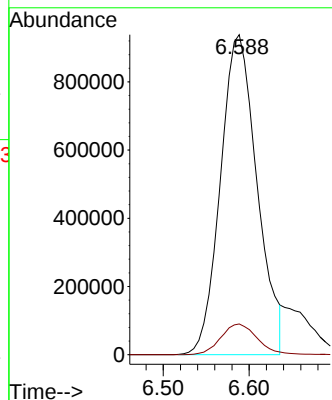
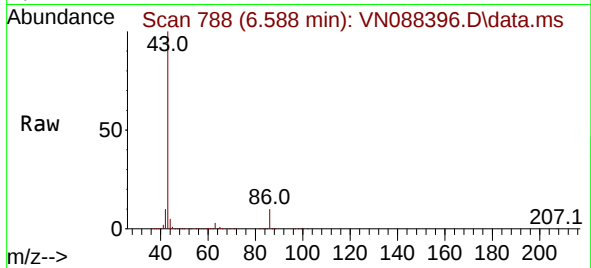
#23
 Vinyl Acetate
 Concen: 279.005 ug/l m
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 278344
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

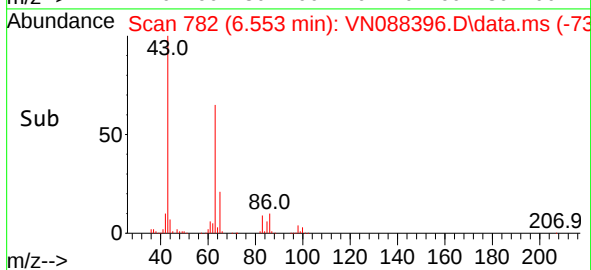
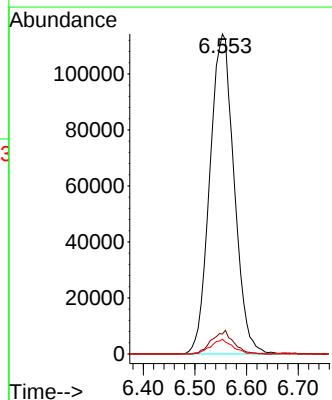
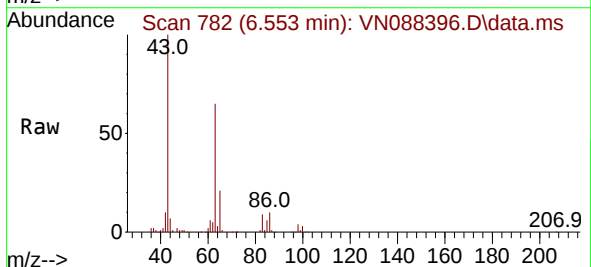
Manual Integrations
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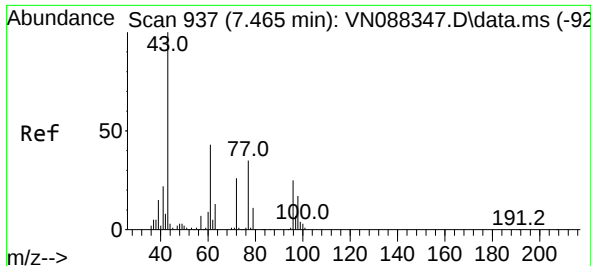
Reviewed By :John Carlone 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025



#24
 1,1-Dichloroethane
 Concen: 53.272 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

Tgt Ion: 63 Resp: 373550
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 4.6 1.9 5.7





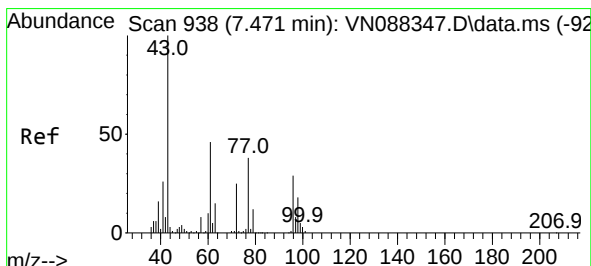
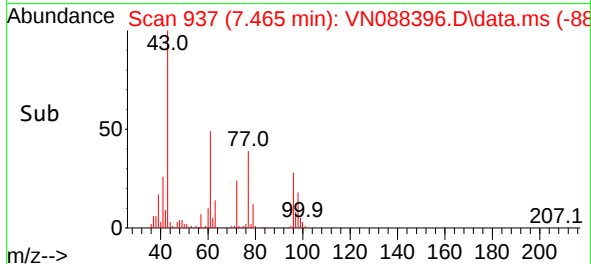
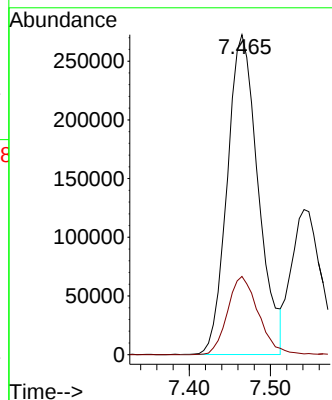
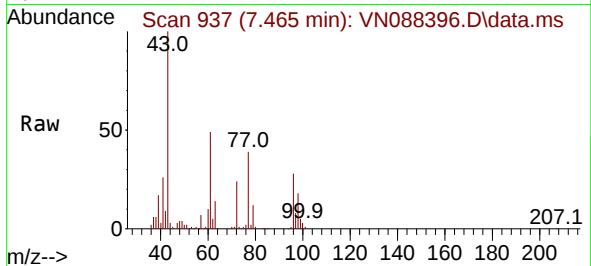
#25
2-Butanone
Concen: 256.937 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 721770
Ion Ratio Lower Upper
43 100
72 24.5 20.5 30.7

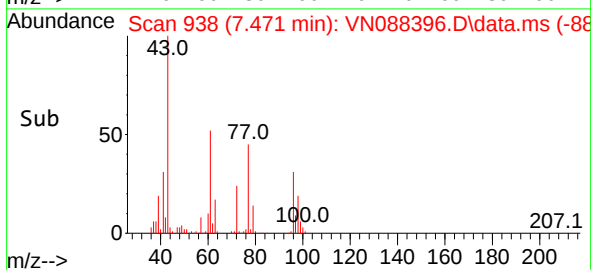
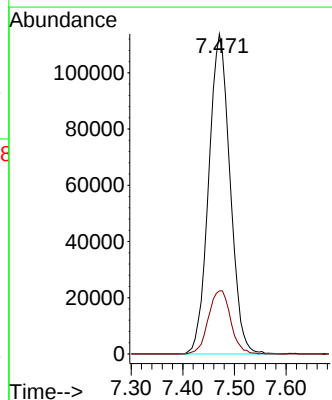
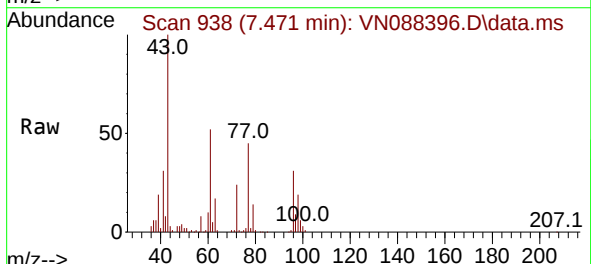
Manual Integrations
APPROVED

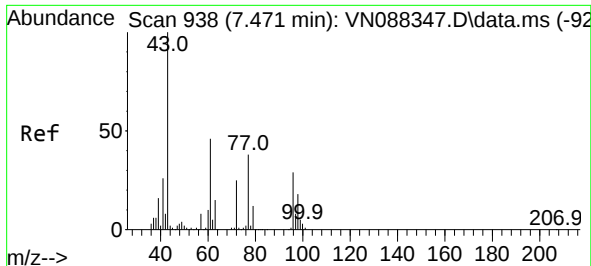
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#26
2,2-Dichloropropane
Concen: 53.901 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

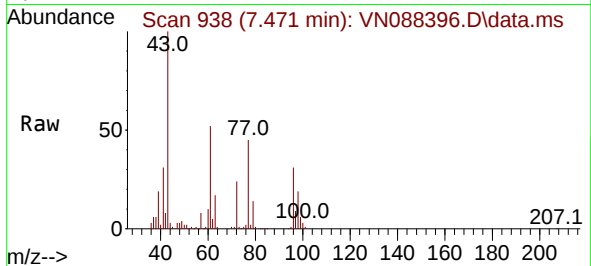
Tgt Ion: 77 Resp: 326244
Ion Ratio Lower Upper
77 100
97 20.6 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 52.972 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

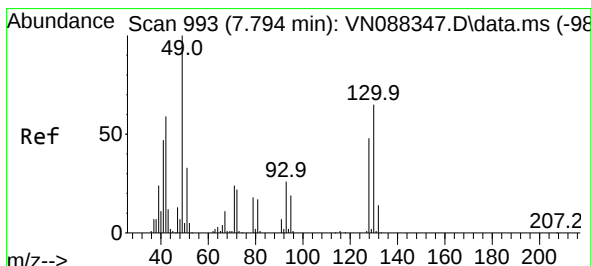
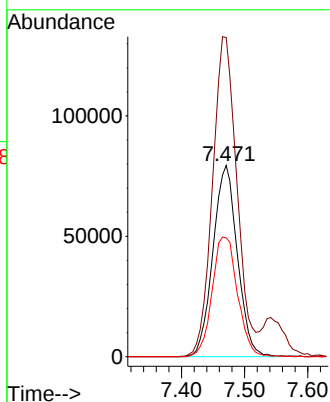
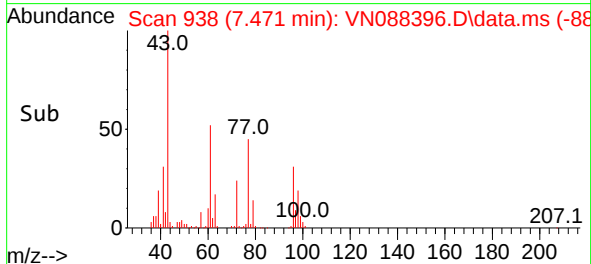
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 213398
 Ion Ratio Lower Upper
 96 100
 61 166.8 0.0 323.6
 98 65.0 0.0 127.2

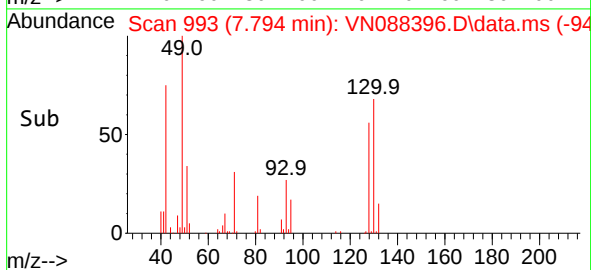
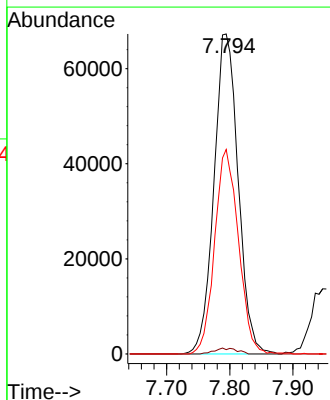
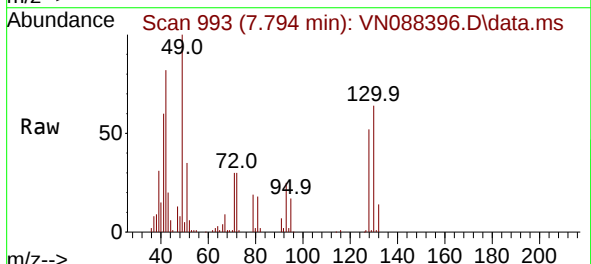
Manual Integrations
 APPROVED

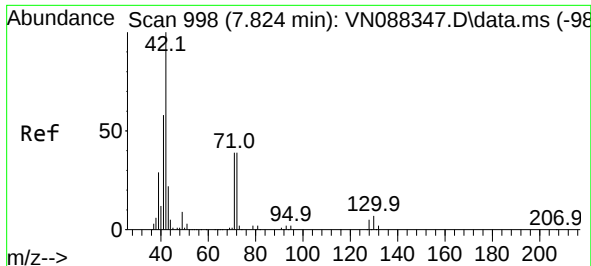
Reviewed By :John Carlone 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025



#28
 Bromochloromethane
 Concen: 51.306 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

Tgt Ion: 49 Resp: 179221
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 62.8 51.1 76.7





#29

Tetrahydrofuran

Concen: 263.460 ug/l

RT: 7.818 min Scan# 998

Delta R.T. -0.006 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 530848

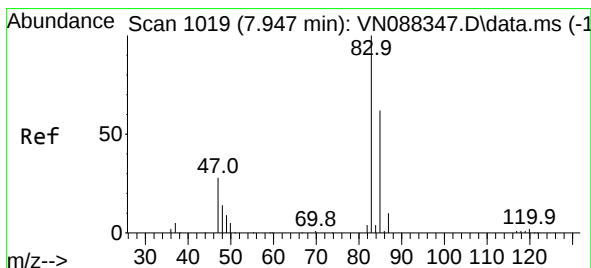
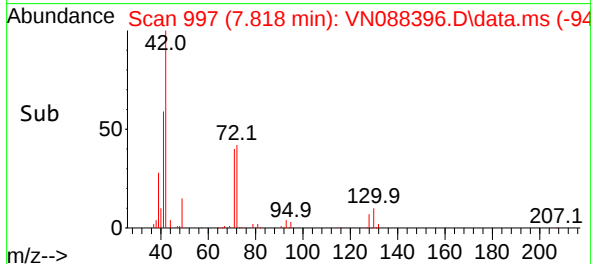
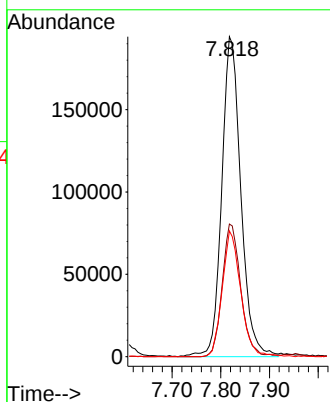
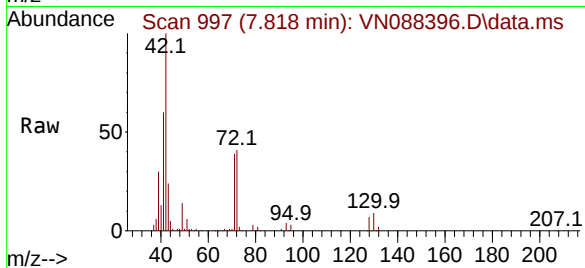
Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.2	48.4
71	38.1	31.1	46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#30

Chloroform

Concen: 54.432 ug/l

RT: 7.947 min Scan# 1019

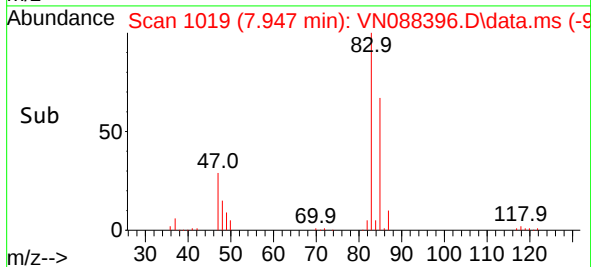
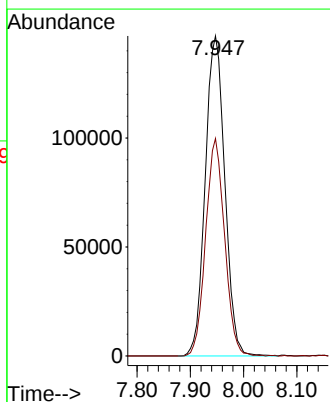
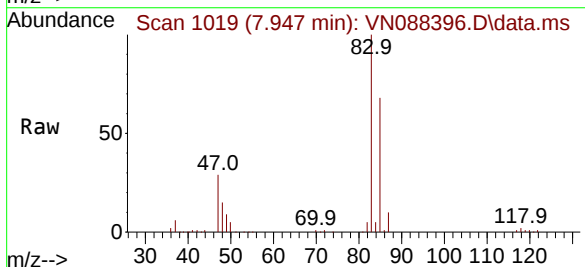
Delta R.T. 0.000 min

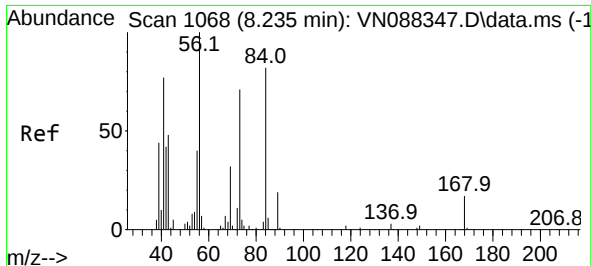
Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Tgt Ion: 83 Resp: 375046

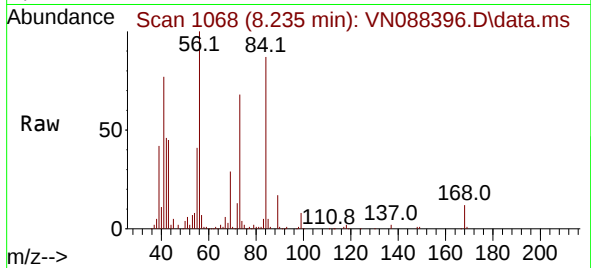
Ion	Ratio	Lower	Upper
83	100		
85	67.9	49.8	74.8





#31
Cyclohexane
Concen: 49.737 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

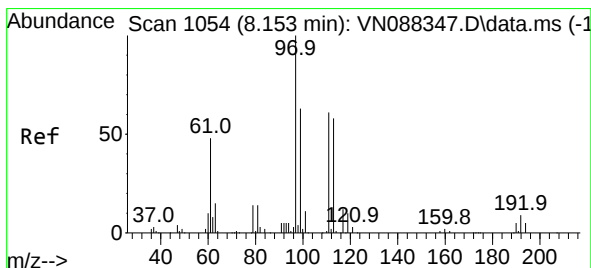
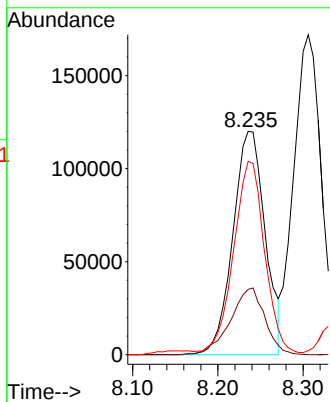
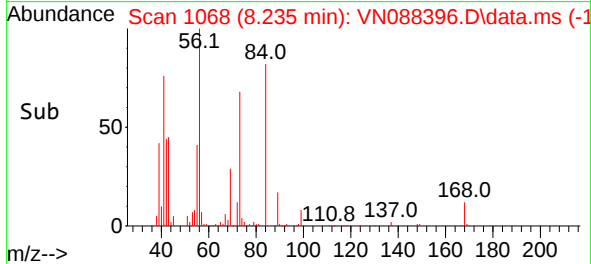
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



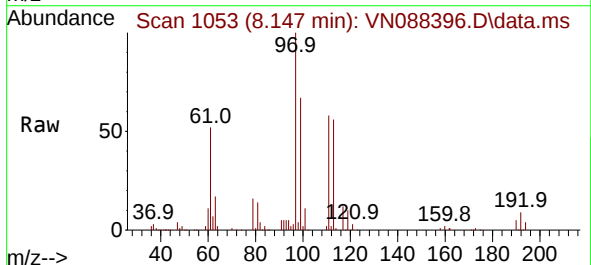
Tgt Ion: 56 Resp: 316054
Ion Ratio Lower Upper
56 100
69 29.2 25.3 37.9
84 84.6 65.4 98.2

Manual Integrations
APPROVED

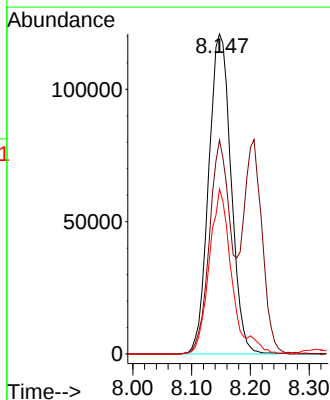
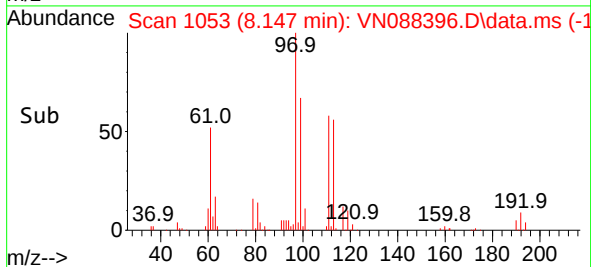
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

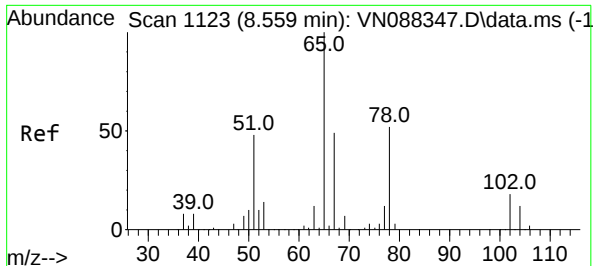


#32
1,1,1-Trichloroethane
Concen: 52.783 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



Tgt Ion: 97 Resp: 319775
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 51.9 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 52.554 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 253924

Ion Ratio Lower Upper

65 100

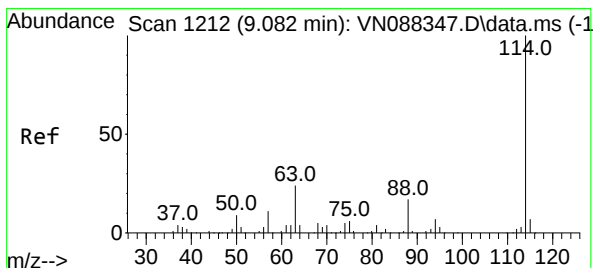
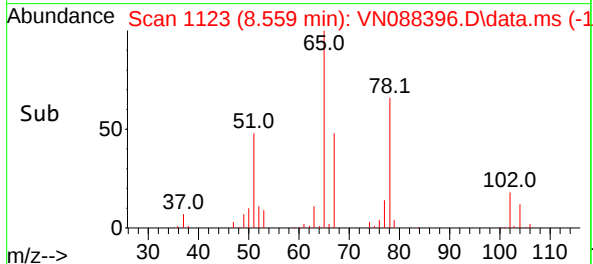
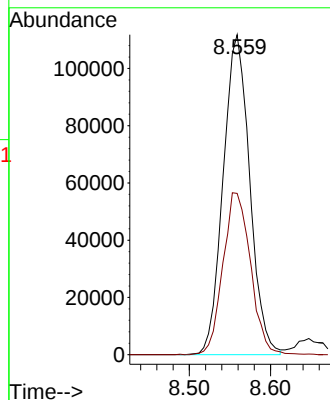
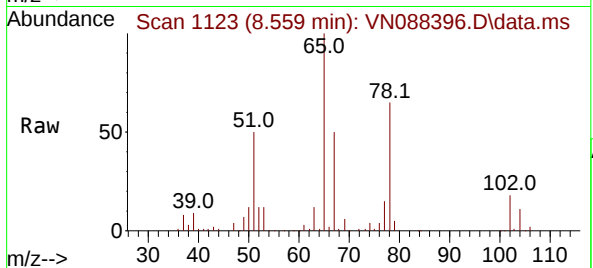
67 52.7 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

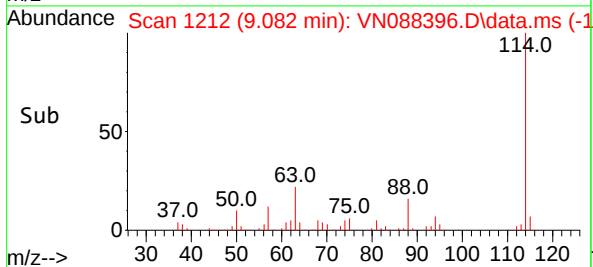
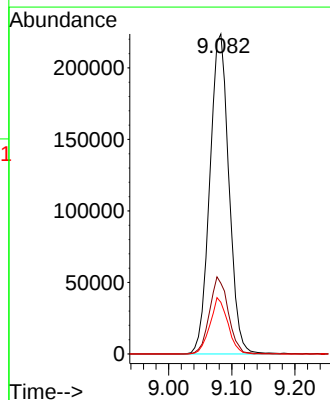
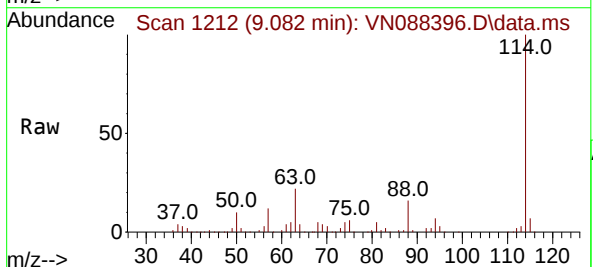
Tgt Ion:114 Resp: 469714

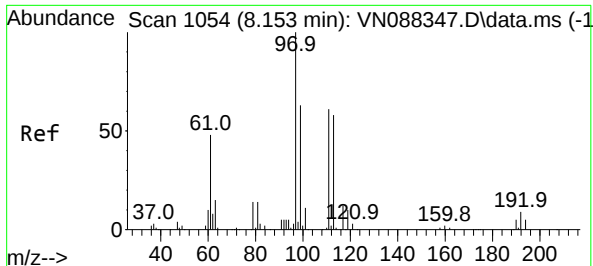
Ion Ratio Lower Upper

114 100

63 22.1 0.0 49.0

88 16.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 51.944 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 16908

Ion Ratio Lower Upper

113 100

111 104.1 82.5 123.7

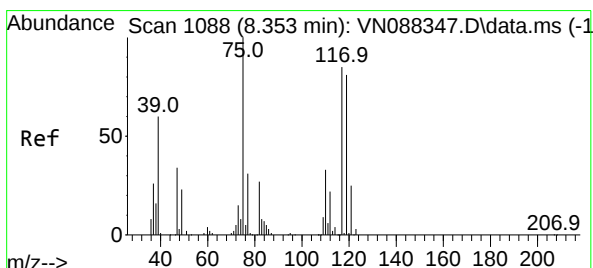
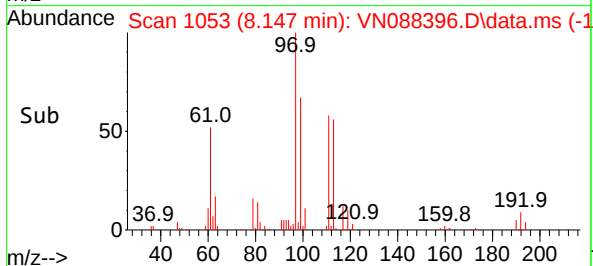
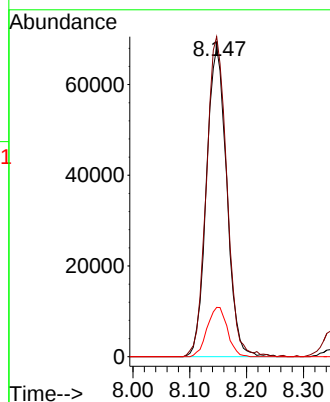
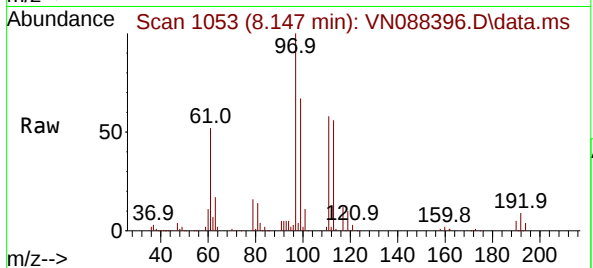
192 15.8 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#36

1,1-Dichloropropene

Concen: 50.323 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

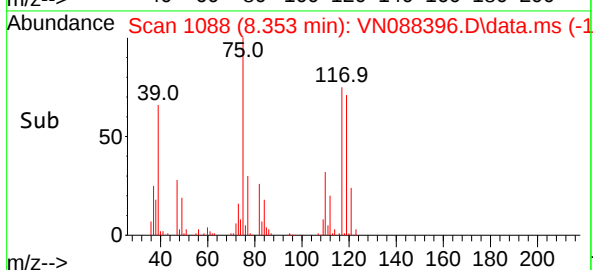
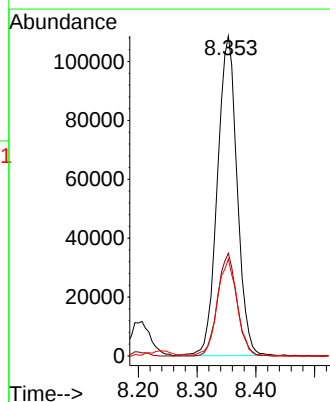
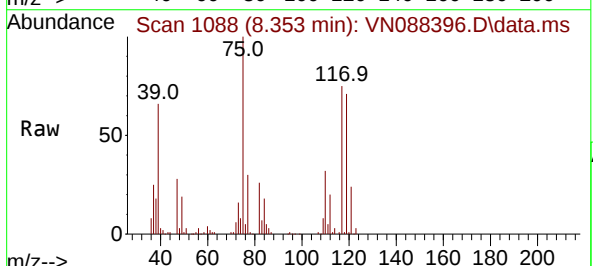
Tgt Ion: 75 Resp: 252809

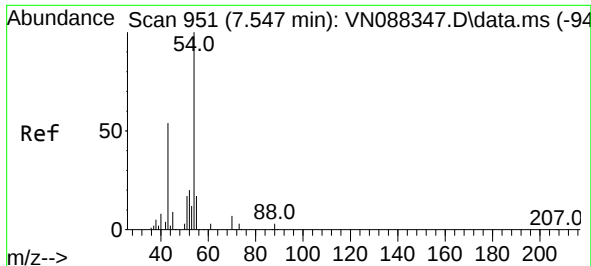
Ion Ratio Lower Upper

75 100

110 31.5 15.8 47.4

77 30.9 24.2 36.2





#37

Ethyl Acetate

Concen: 49.588 ug/l

RT: 7.541 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 327550

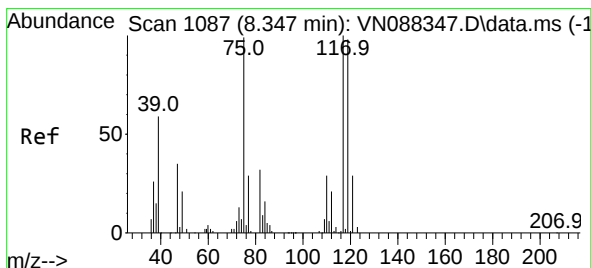
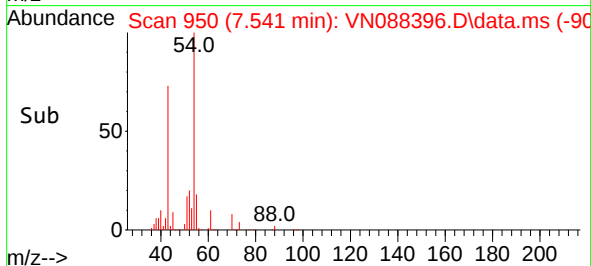
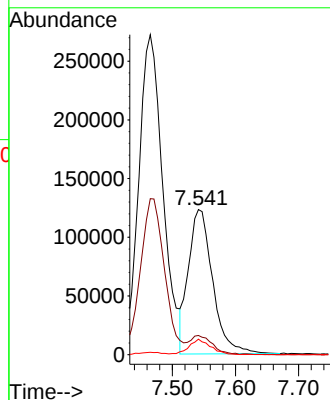
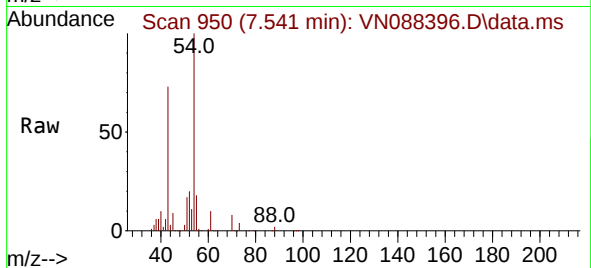
Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.5	14.3
70	9.6	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#38

Carbon Tetrachloride

Concen: 52.952 ug/l

RT: 8.341 min Scan# 1086

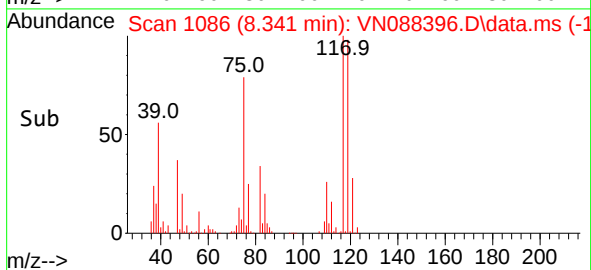
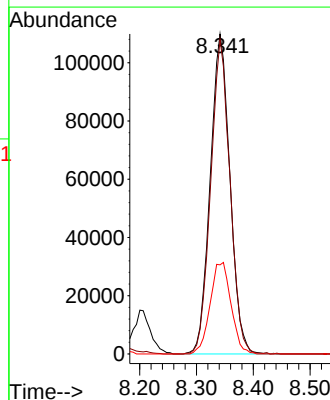
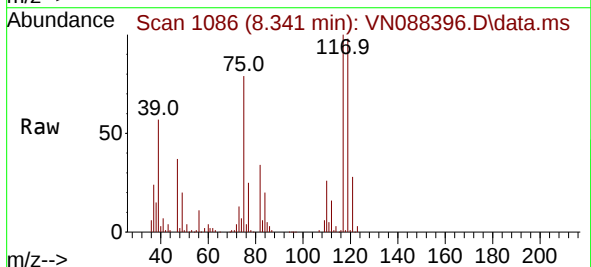
Delta R.T. -0.006 min

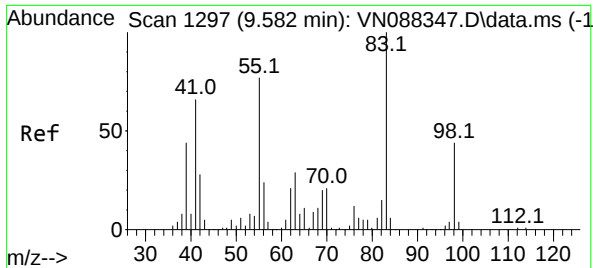
Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Tgt Ion:117 Resp: 264813

Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.2	117.4
121	27.9	23.4	35.2





#39
Methylcyclohexane
Concen: 50.199 ug/l
RT: 9.577 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

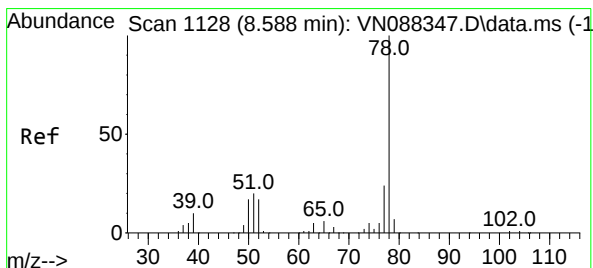
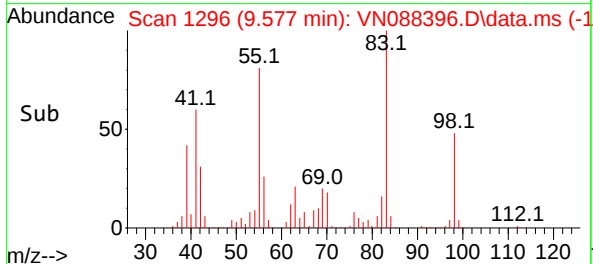
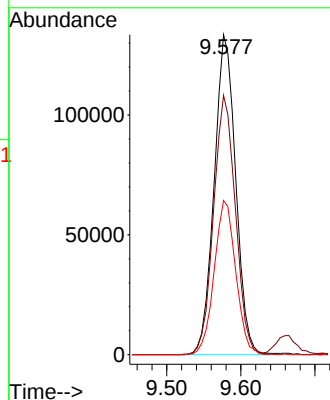
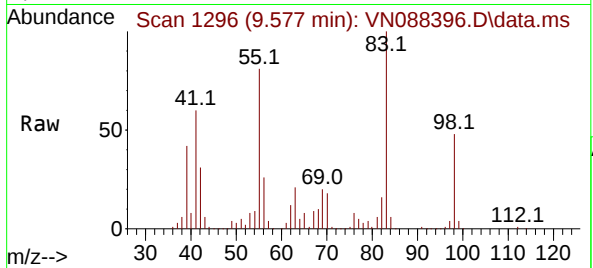
Tgt Ion: 83 Resp: 269744
Ion Ratio Lower Upper
83 100
55 81.1 61.6 92.4
98 48.2 35.3 52.9

Manual Integrations

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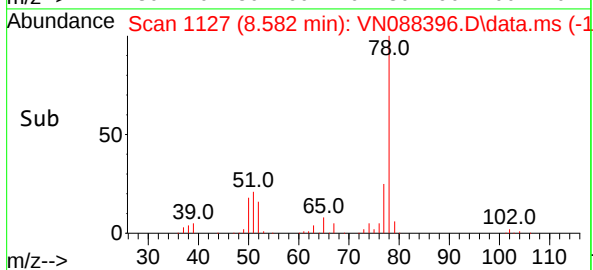
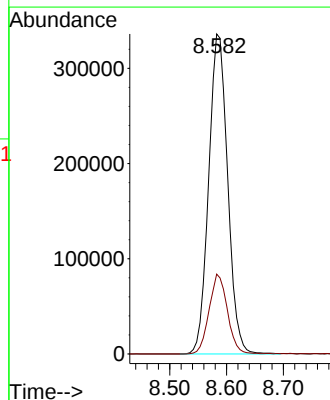
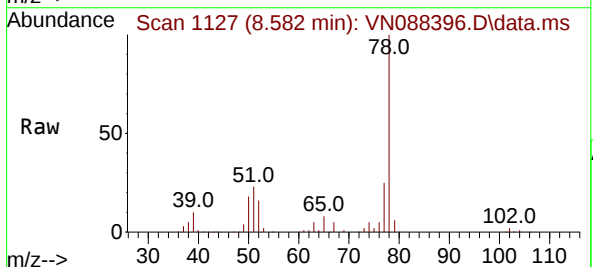
Reviewed By :John Carlone 12/03/2025

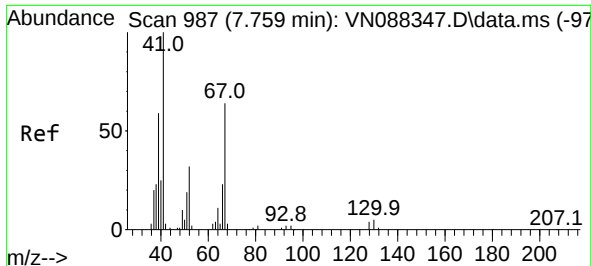
Supervised By :Mahesh Dadoda 12/03/2025



#40
Benzene
Concen: 52.795 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

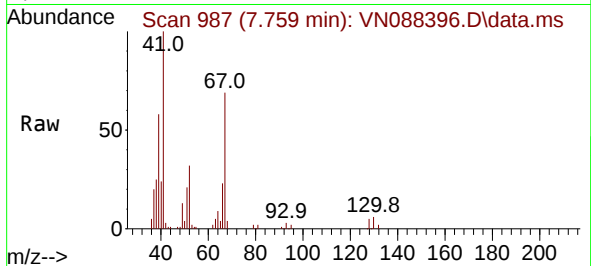
Tgt Ion: 78 Resp: 778430
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.4





#41
Methacrylonitrile
Concen: 54.934 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

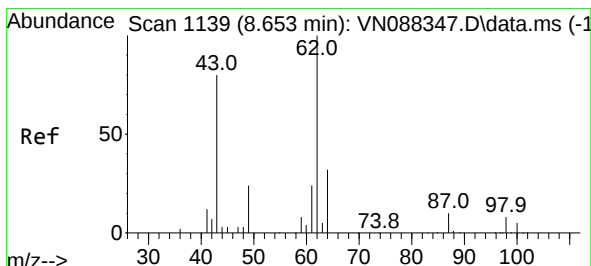
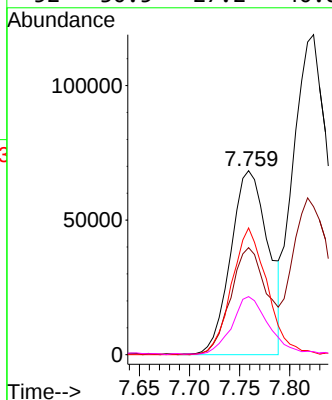
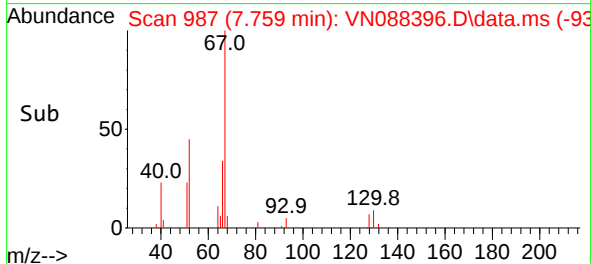
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



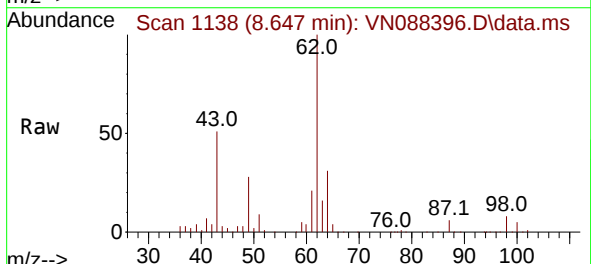
Tgt Ion: 41 Resp: 179724
Ion Ratio Lower Upper
41 100
39 56.5 46.3 69.5
67 65.1 54.7 82.1
52 30.5 27.2 40.8

Manual Integrations
APPROVED

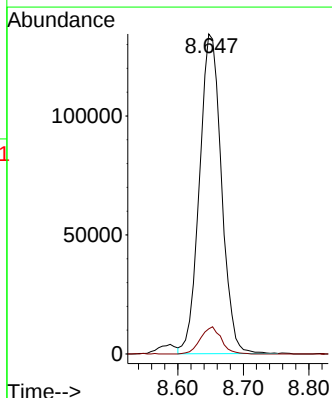
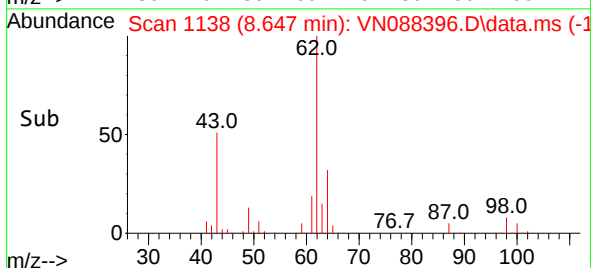
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

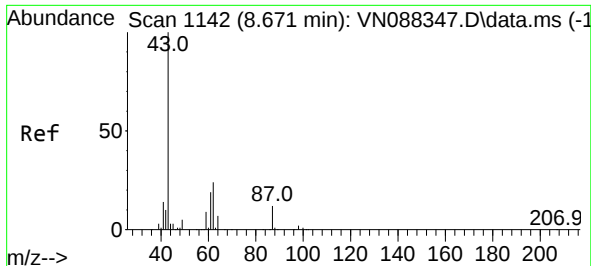


#42
1,2-Dichloroethane
Concen: 55.698 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



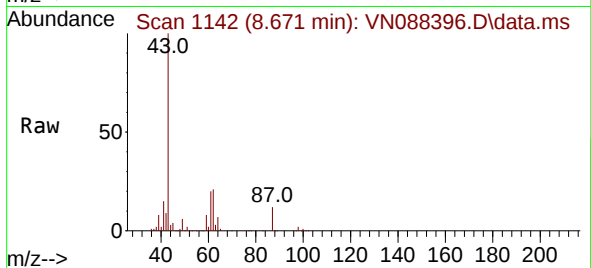
Tgt Ion: 62 Resp: 313321
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.2





#43
Isopropyl Acetate
Concen: 53.130 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

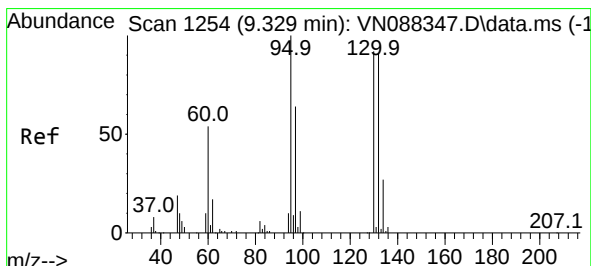
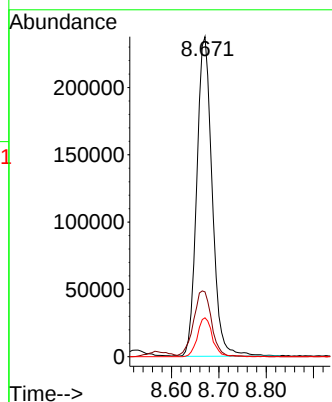
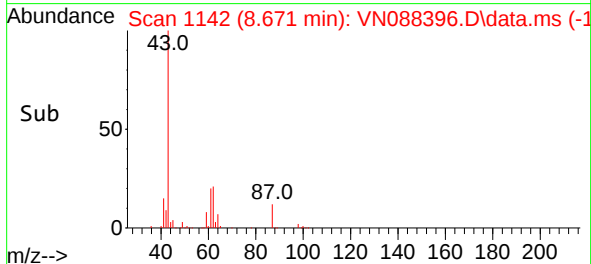
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



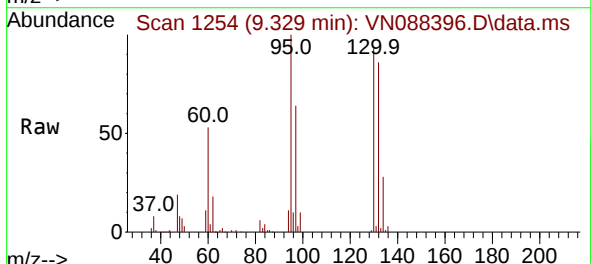
Tgt Ion: 43 Resp: 53620
Ion Ratio Lower Upper
43 100
61 24.3 18.7 28.1
87 11.8 9.1 13.7

Manual Integrations
APPROVED

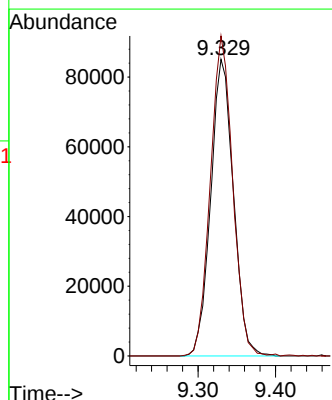
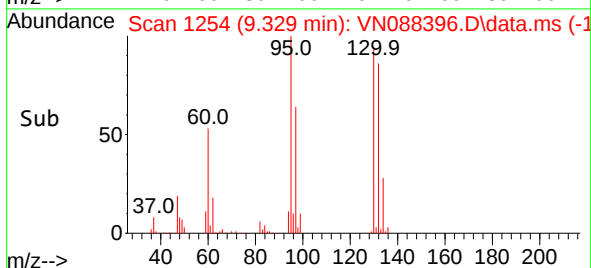
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

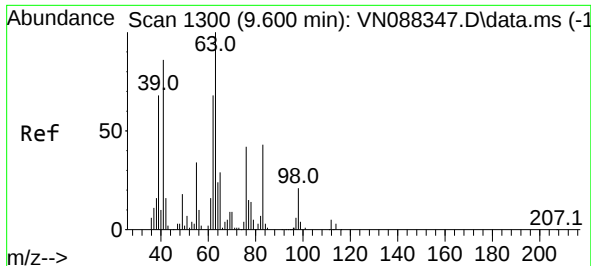


#44
Trichloroethene
Concen: 49.744 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



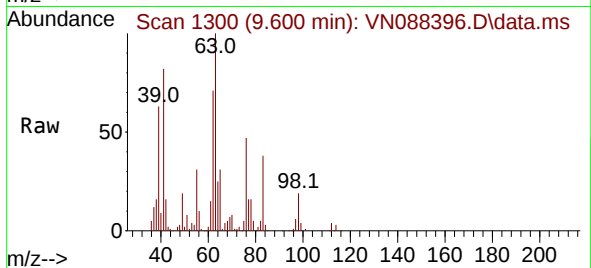
Tgt Ion:130 Resp: 173301
Ion Ratio Lower Upper
130 100
95 107.9 0.0 217.0





#45
1,2-Dichloropropane
Concen: 53.539 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

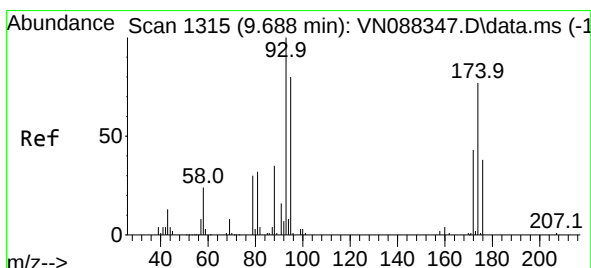
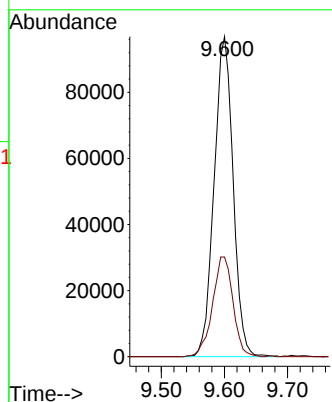
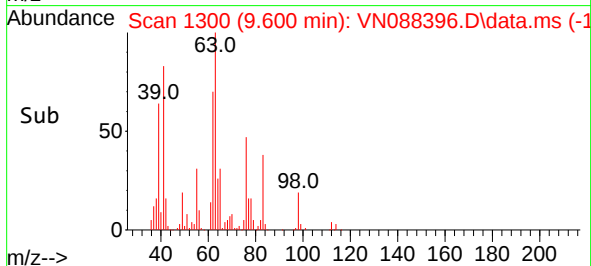
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



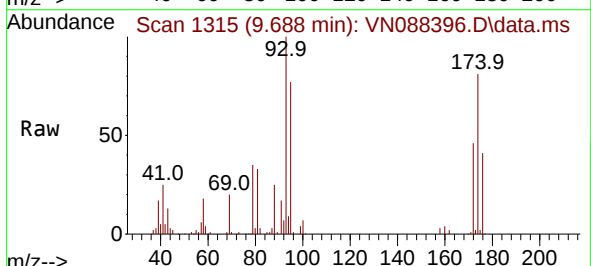
Tgt Ion: 63 Resp: 20225
Ion Ratio Lower Upper
63 100
65 31.2 23.0 34.4

Manual Integrations
APPROVED

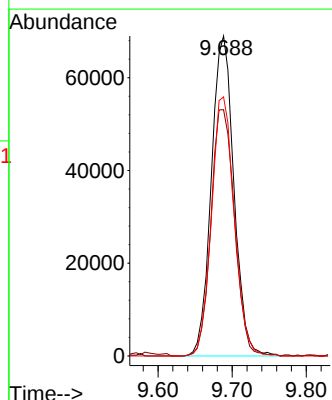
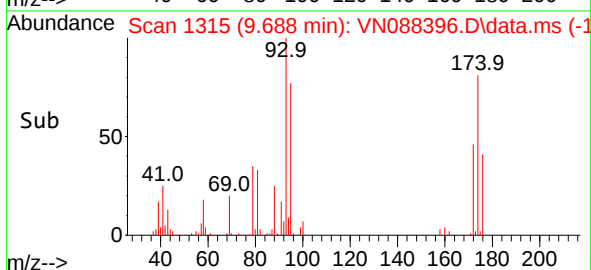
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

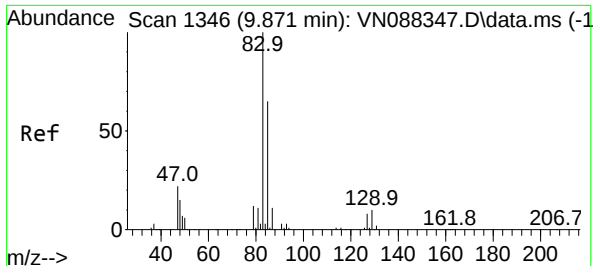


#46
Dibromomethane
Concen: 54.115 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



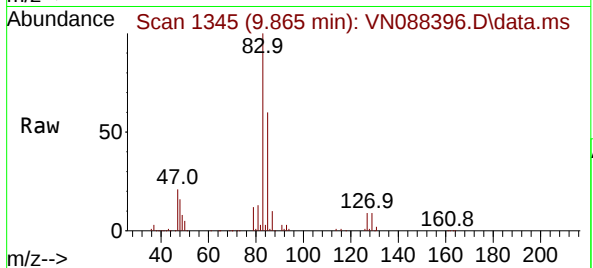
Tgt Ion: 93 Resp: 145893
Ion Ratio Lower Upper
93 100
95 80.3 65.8 98.6
174 81.8 64.3 96.5





#47
Bromodichloromethane
Concen: 54.485 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

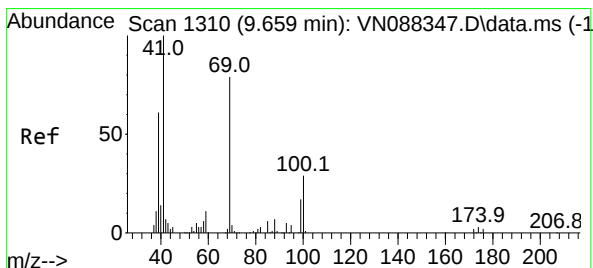
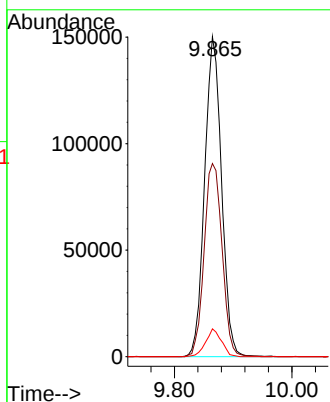
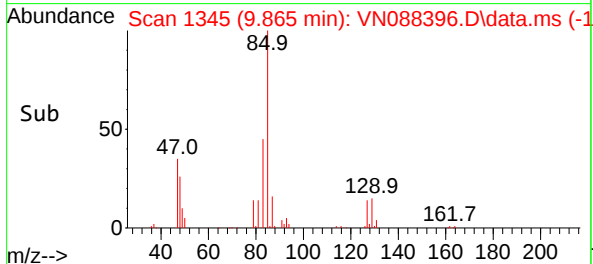
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



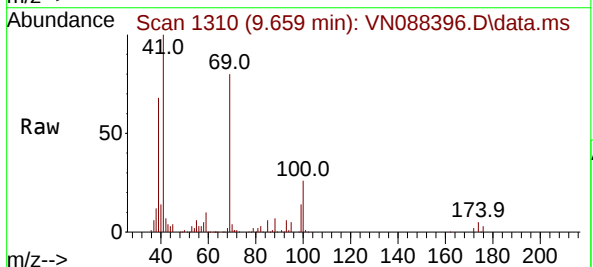
Tgt Ion: 83 Resp: 299715
Ion Ratio Lower Upper
83 100
85 60.3 51.9 77.9
127 8.7 6.3 9.5

Manual Integrations
APPROVED

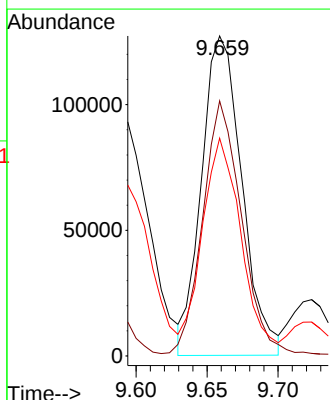
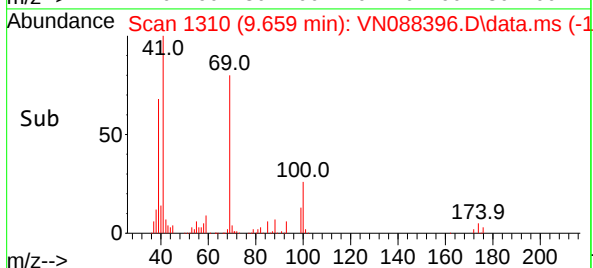
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

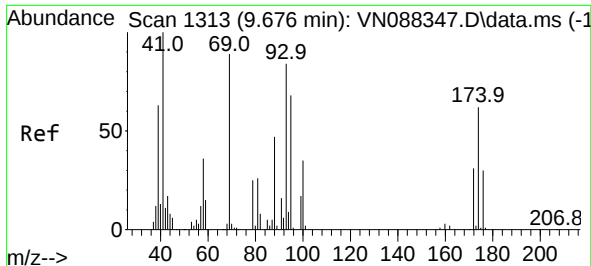


#48
Methyl methacrylate
Concen: 54.615 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



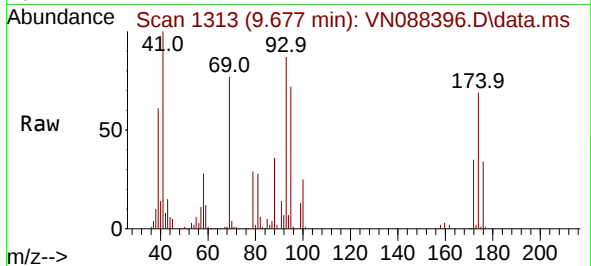
Tgt Ion: 41 Resp: 251492
Ion Ratio Lower Upper
41 100
69 77.2 62.4 93.6
39 66.4 52.6 79.0





#49
1,4-Dioxane
Concen: 900.506 ug/l
RT: 9.677 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

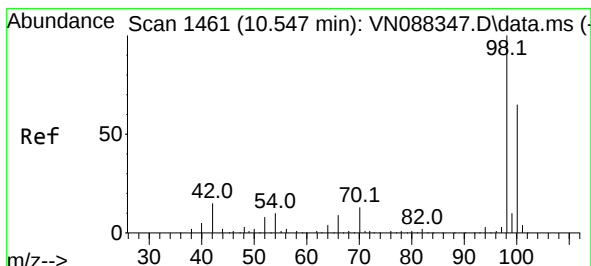
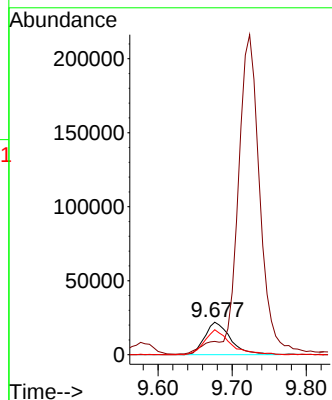
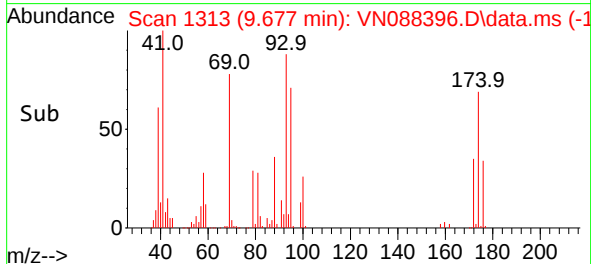
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



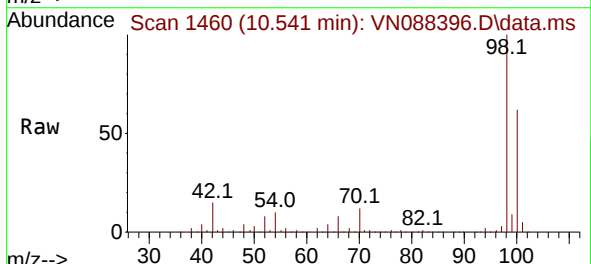
Tgt Ion: 88 Resp: 52735
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 77.5 62.0 93.0

Manual Integrations
APPROVED

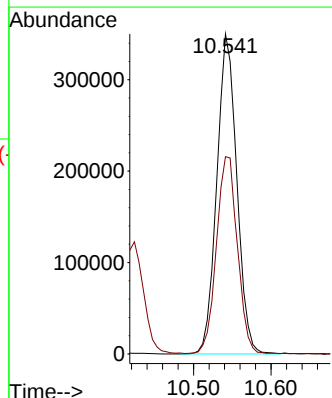
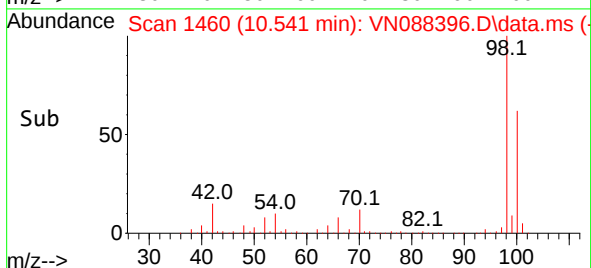
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

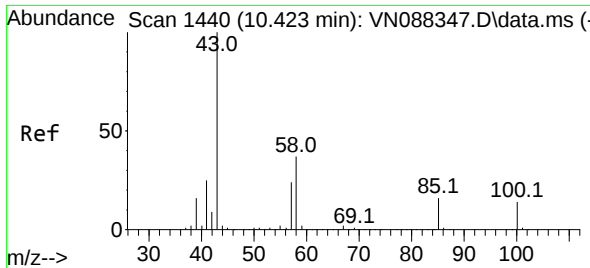


#50
Toluene-d8
Concen: 51.805 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



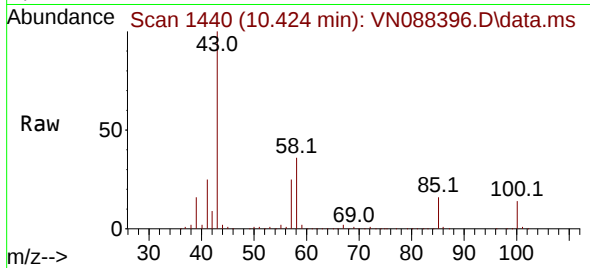
Tgt Ion: 98 Resp: 627431
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 274.163 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

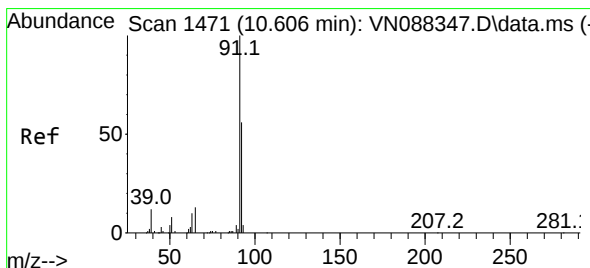
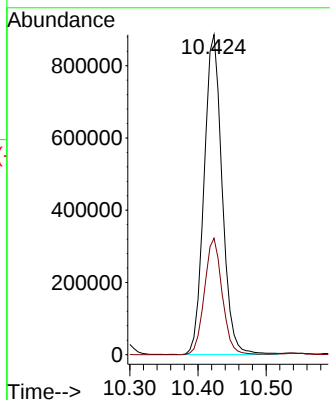
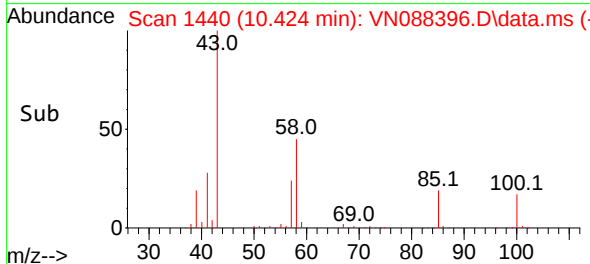
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 163093
Ion Ratio Lower Upper
43 100
58 35.9 29.1 43.7

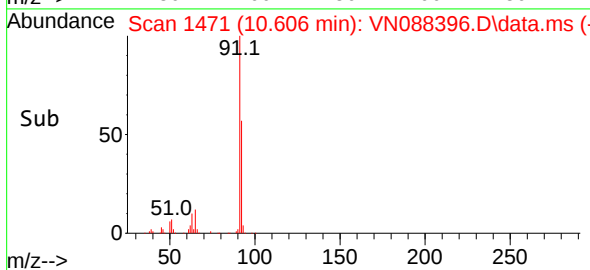
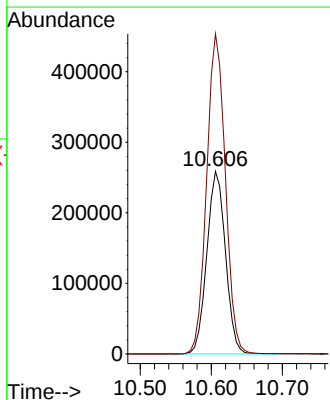
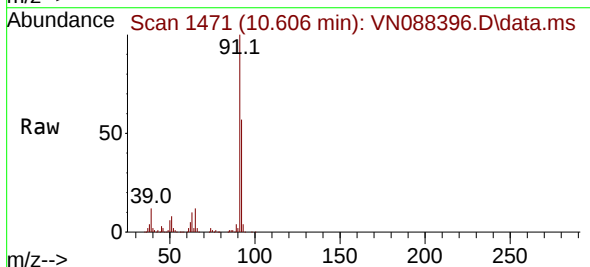
Manual Integrations
APPROVED

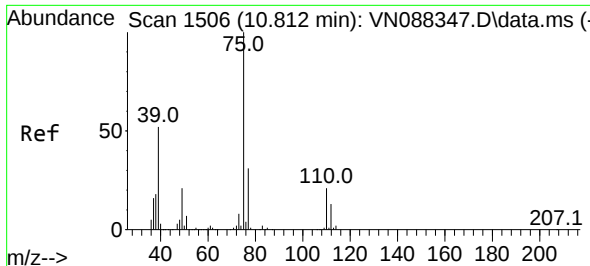
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#52
Toluene
Concen: 55.446 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

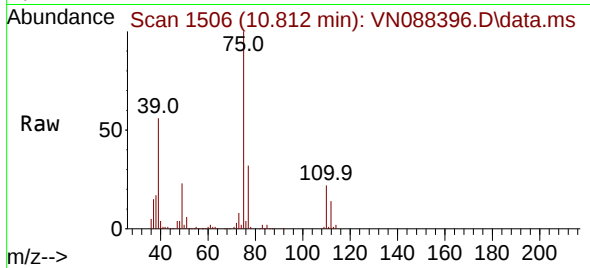
Tgt Ion: 92 Resp: 472055
Ion Ratio Lower Upper
92 100
91 175.4 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 55.718 ug/l
RT: 10.812 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

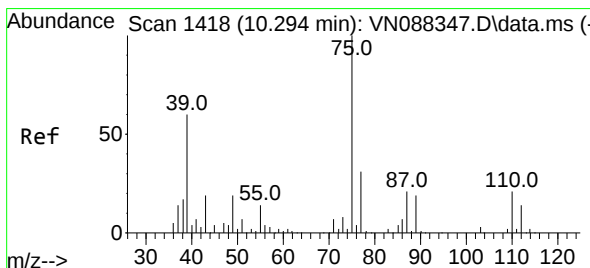
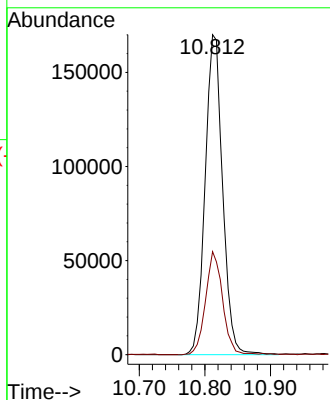
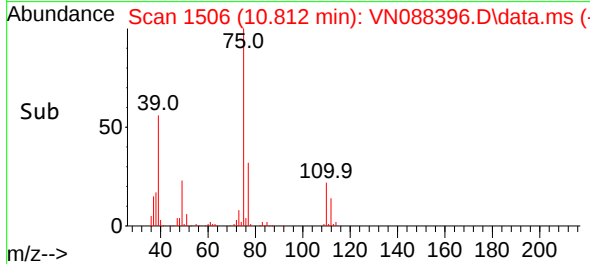
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 31460
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2

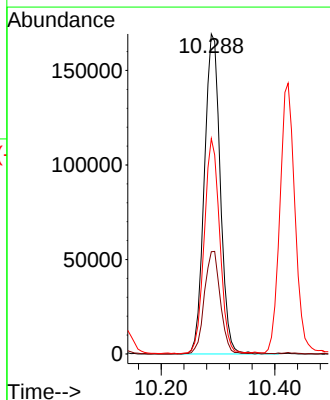
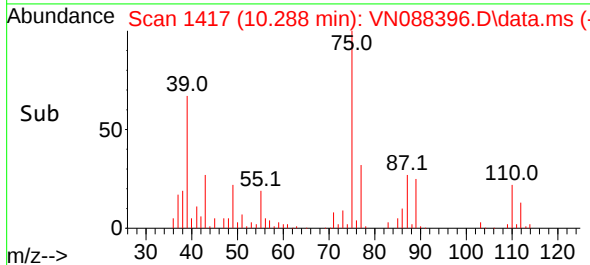
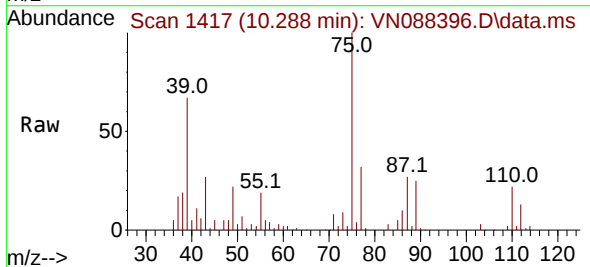
Manual Integrations
APPROVED

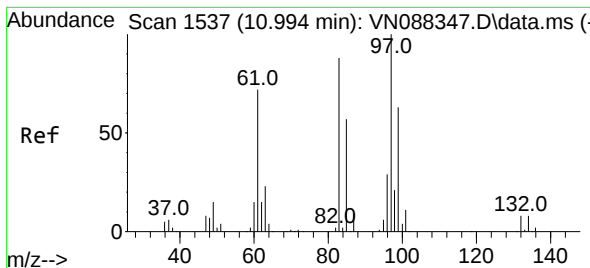
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#54
cis-1,3-Dichloropropene
Concen: 55.267 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

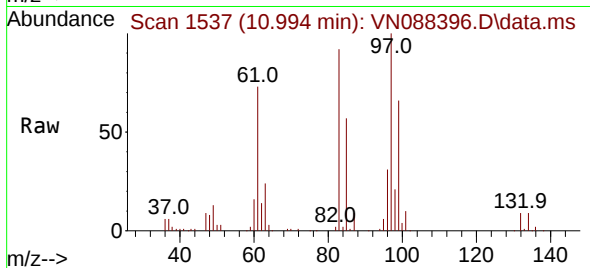
Tgt Ion: 75 Resp: 328168
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7
39 67.3 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 53.673 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

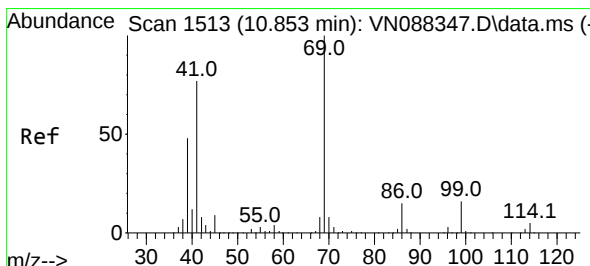
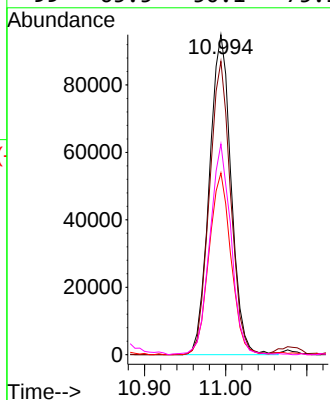
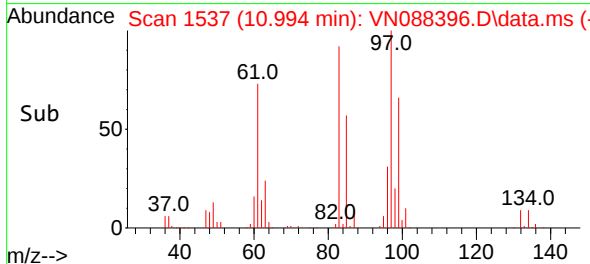
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



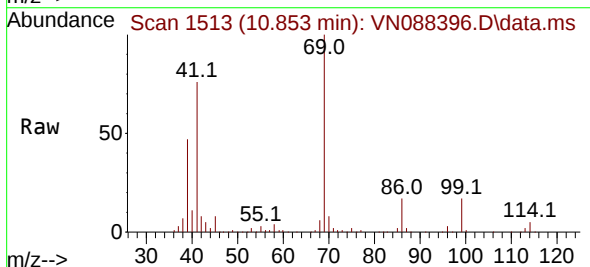
Tgt Ion: 97 Resp: 176791
Ion Ratio Lower Upper
97 100
83 91.7 70.4 105.6
85 56.6 45.4 68.2
99 65.5 50.1 75.1

Manual Integrations
APPROVED

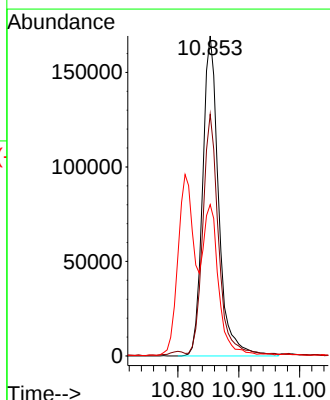
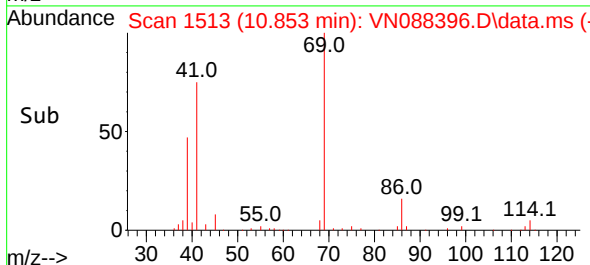
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

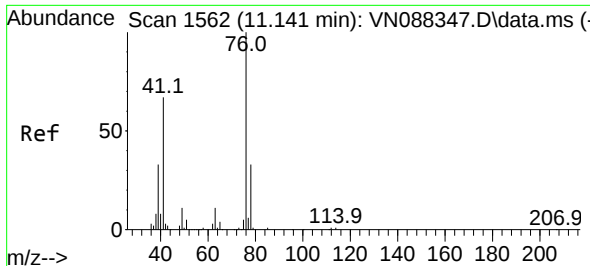


#56
Ethyl methacrylate
Concen: 59.578 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



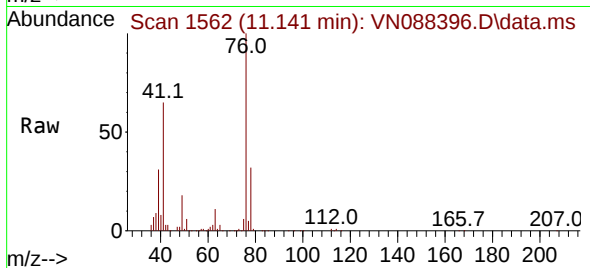
Tgt Ion: 69 Resp: 309997
Ion Ratio Lower Upper
69 100
41 73.5 59.6 89.4
39 43.9 36.4 54.6





#57
1,3-Dichloropropane
Concen: 54.848 ug/l
RT: 11.141 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

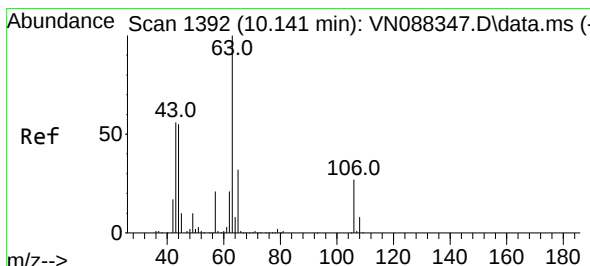
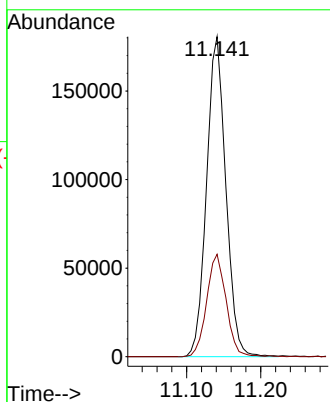
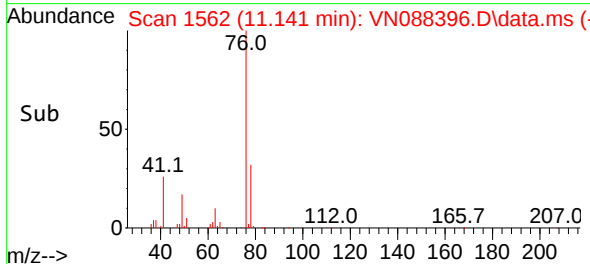
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



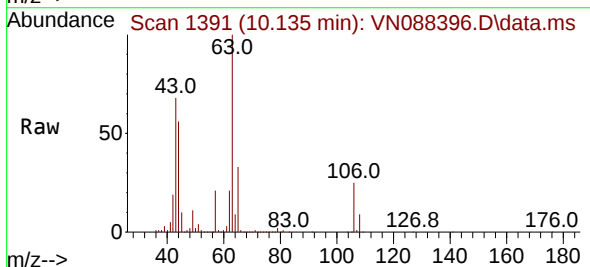
Tgt Ion: 76 Resp: 325930
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4

Manual Integrations
APPROVED

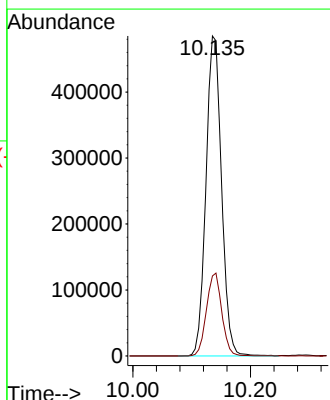
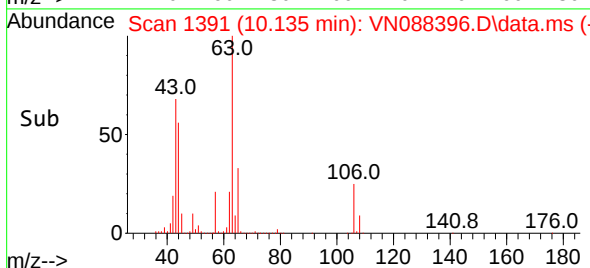
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

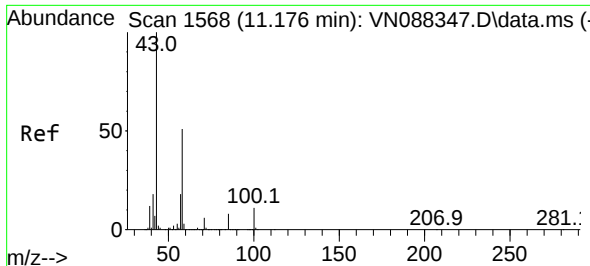


#58
2-Chloroethyl Vinyl ether
Concen: 296.591 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



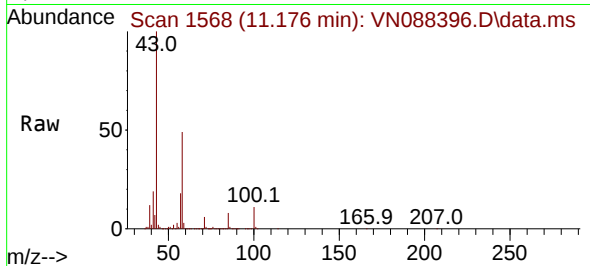
Tgt Ion: 63 Resp: 889687
Ion Ratio Lower Upper
63 100
106 25.5 20.5 30.7





#59
2-Hexanone
Concen: 281.819 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

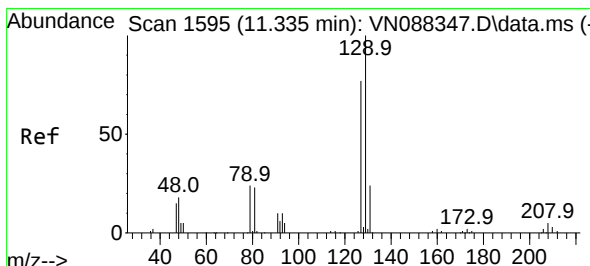
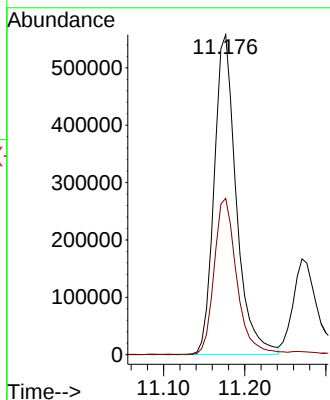
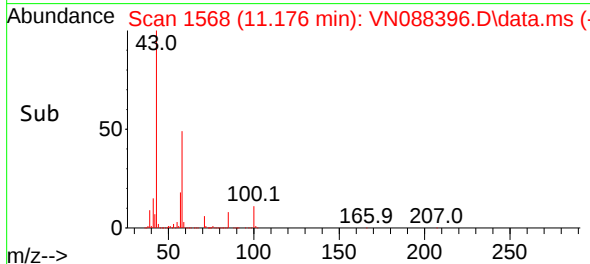
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 105610
Ion Ratio Lower Upper
43 100
58 50.1 25.3 75.9

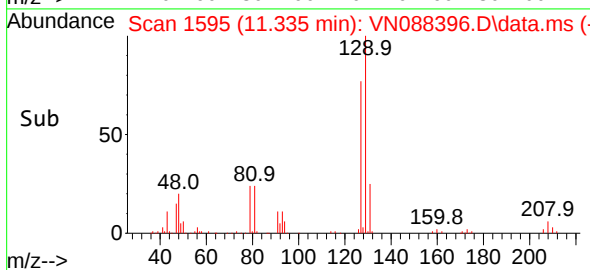
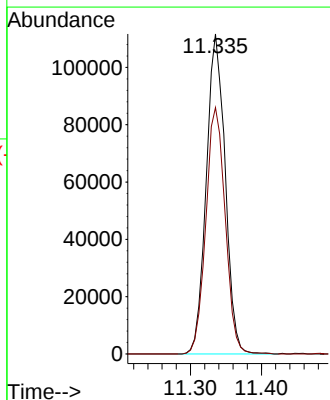
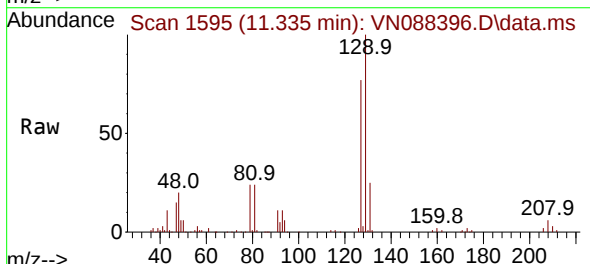
Manual Integrations
APPROVED

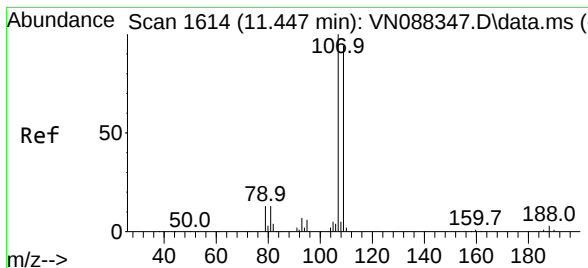
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#60
Dibromochloromethane
Concen: 54.923 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

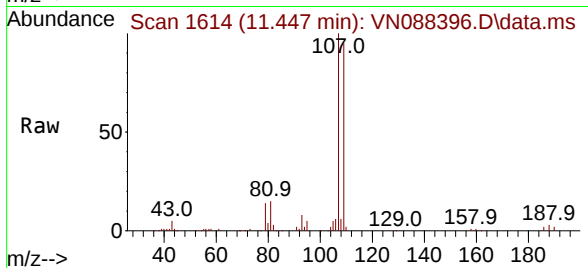
Tgt Ion:129 Resp: 206242
Ion Ratio Lower Upper
129 100
127 79.0 38.2 114.6





#61
1,2-Dibromoethane
Concen: 53.790 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

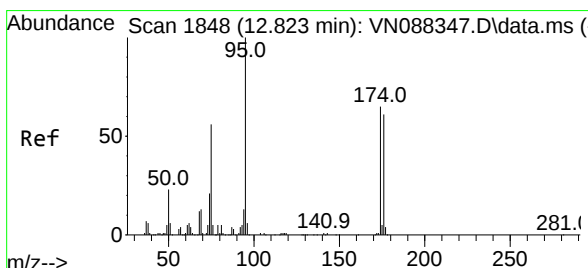
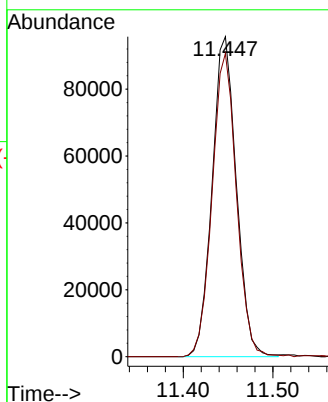
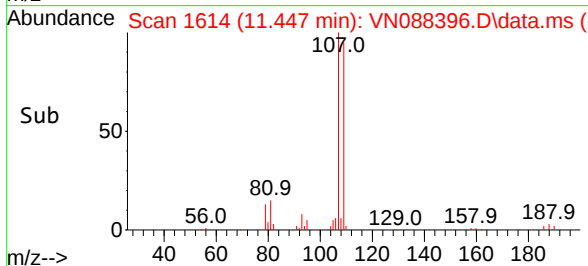
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



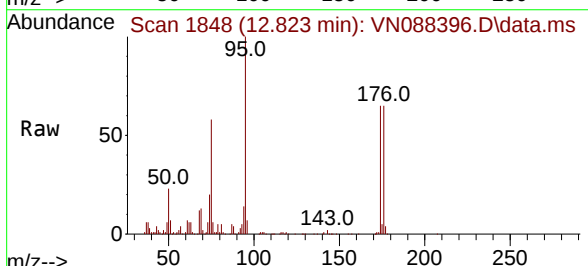
Tgt Ion:107 Resp: 17942
Ion Ratio Lower Upper
107 100
109 95.0 74.6 112.0

Manual Integrations
APPROVED

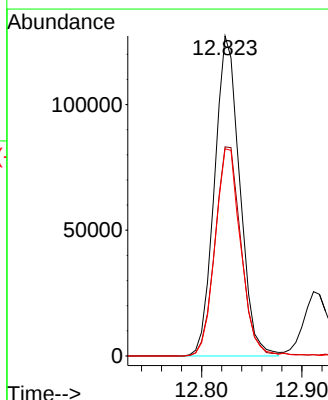
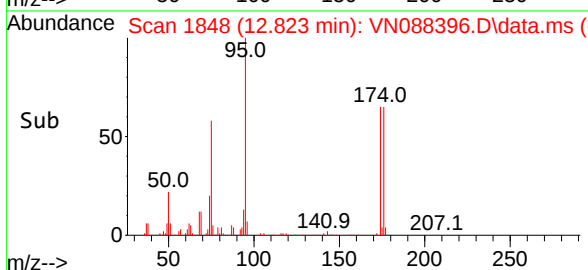
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

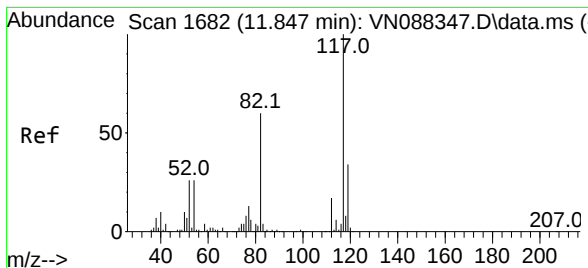


#62
4-Bromofluorobenzene
Concen: 53.532 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



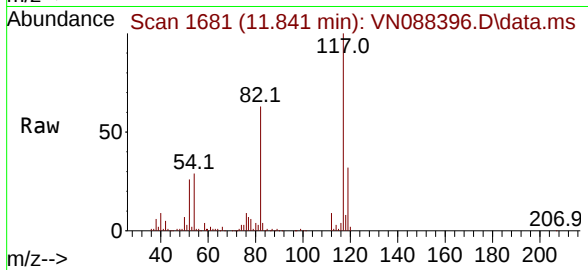
Tgt Ion: 95 Resp: 222462
Ion Ratio Lower Upper
95 100
174 67.6 0.0 139.0
176 66.1 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

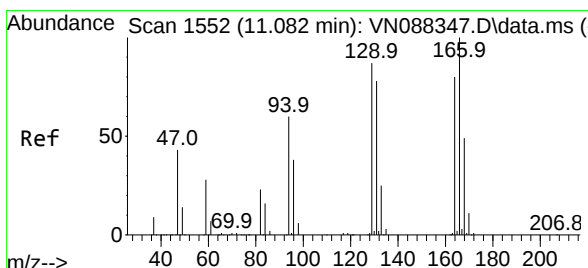
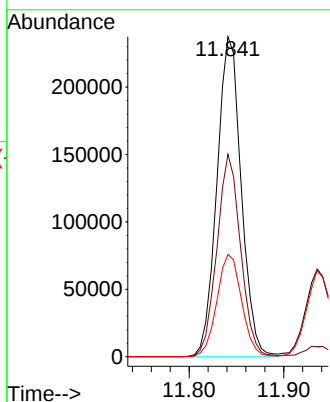
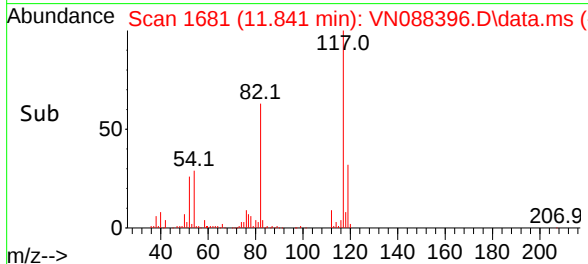
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



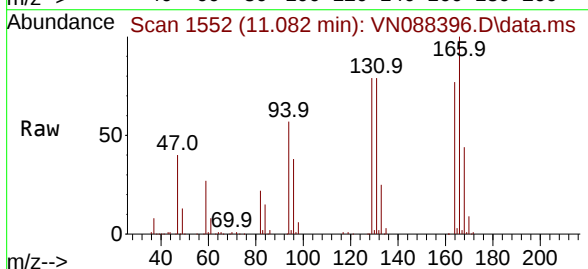
Tgt Ion:117 Resp: 423590
Ion Ratio Lower Upper
117 100
82 63.3 47.8 71.8
119 32.0 26.9 40.3

Manual Integrations
APPROVED

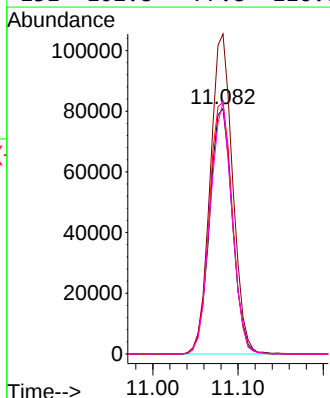
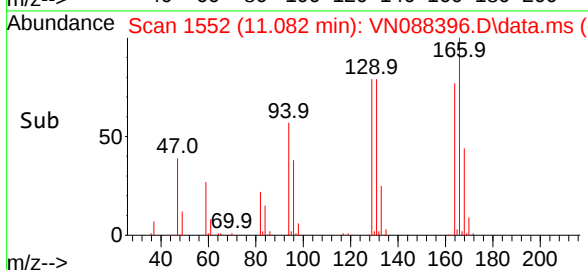
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

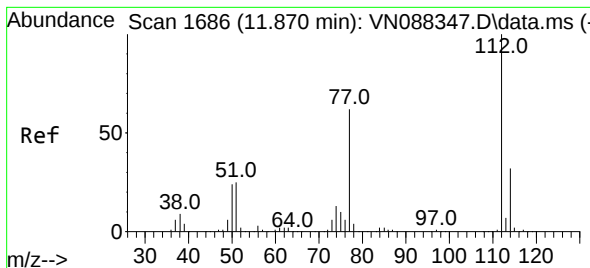


#64
Tetrachloroethene
Concen: 44.782 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



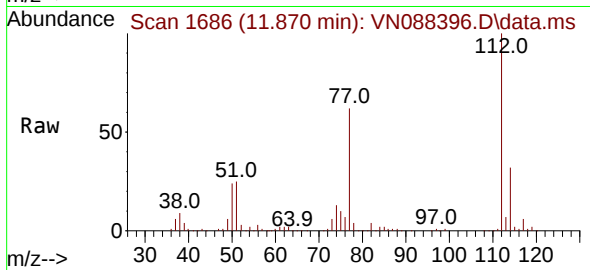
Tgt Ion:164 Resp: 150384
Ion Ratio Lower Upper
164 100
166 130.5 99.6 149.4
129 102.7 86.6 129.8
131 102.8 77.8 116.6





#65
Chlorobenzene
Concen: 52.708 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

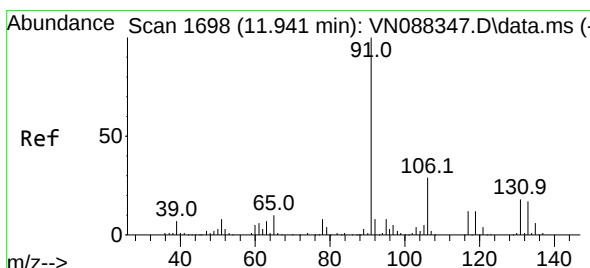
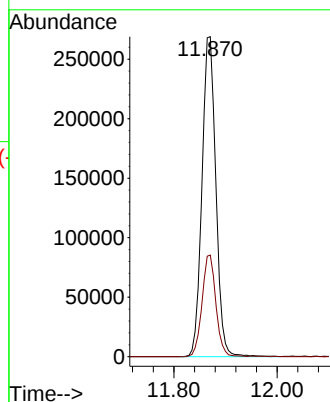
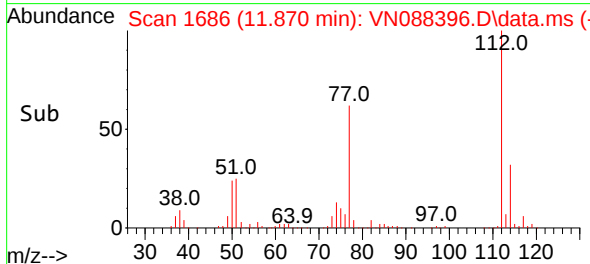
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



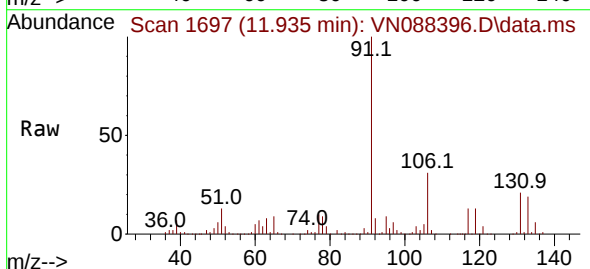
Tgt Ion:112 Resp: 50150
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

Manual Integrations
APPROVED

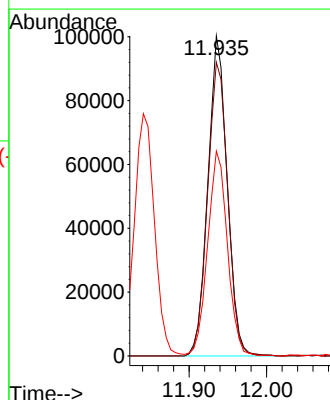
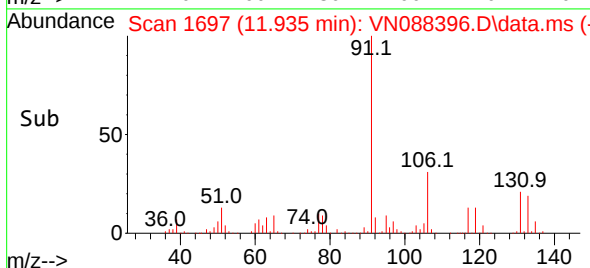
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

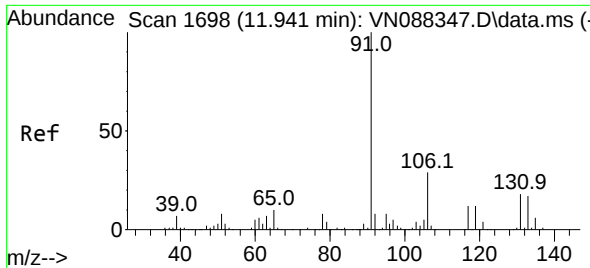


#66
1,1,1,2-Tetrachloroethane
Concen: 54.016 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



Tgt Ion:131 Resp: 173343
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.2
119 65.8 33.4 100.1





#67

Ethyl Benzene

Concen: 53.815 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 894930

Ion Ratio Lower Upper

91 100

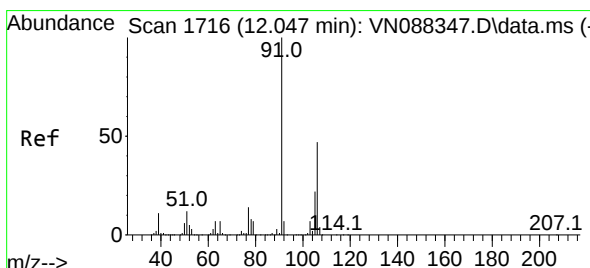
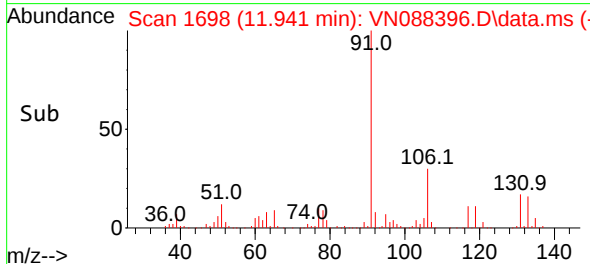
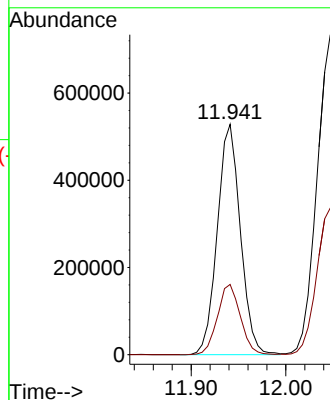
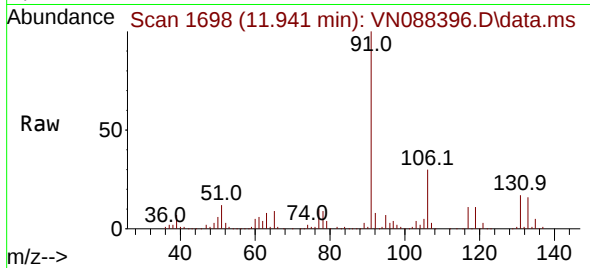
106 30.5 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#68

m/p-Xylenes

Concen: 109.596 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VN088396.D

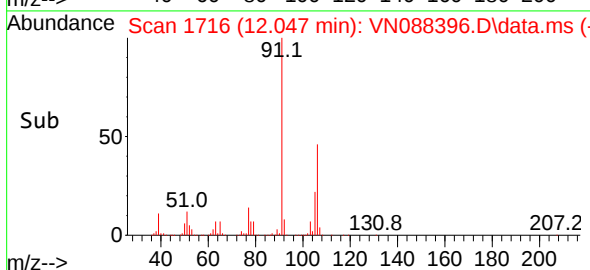
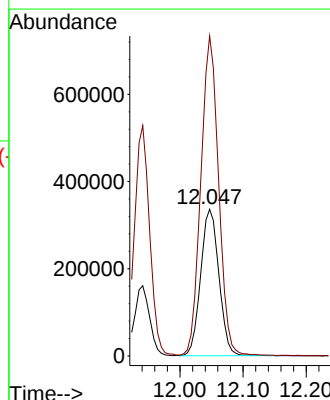
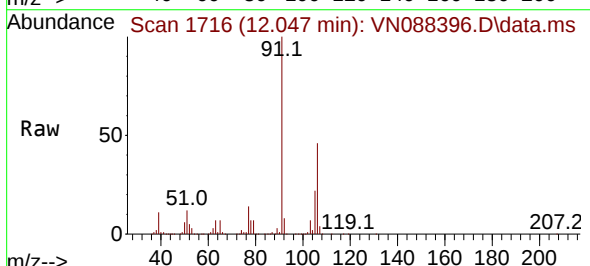
Acq: 02 Dec 2025 10:00

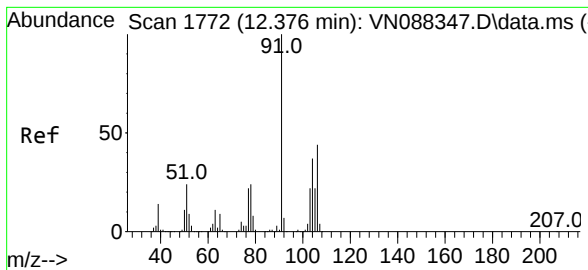
Tgt Ion:106 Resp: 675748

Ion Ratio Lower Upper

106 100

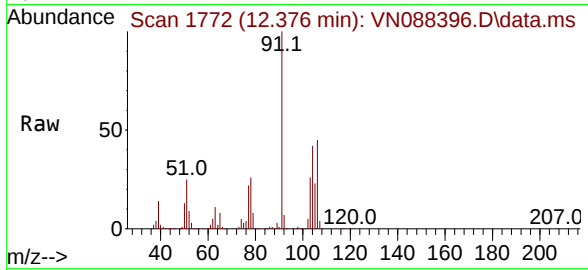
91 212.3 167.8 251.6





#69
o-Xylene
Concen: 54.601 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

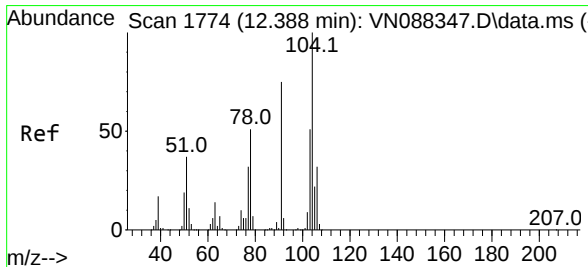
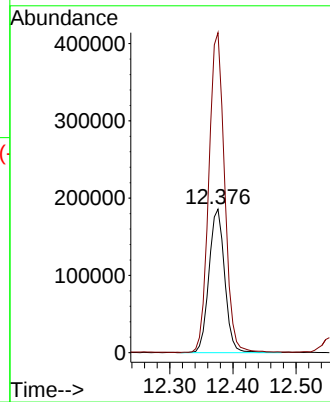
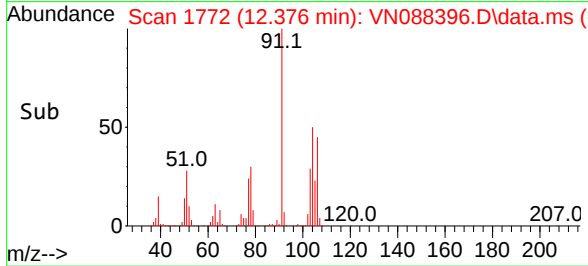
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 32096
Ion Ratio Lower Upper
106 100
91 223.1 112.9 338.7

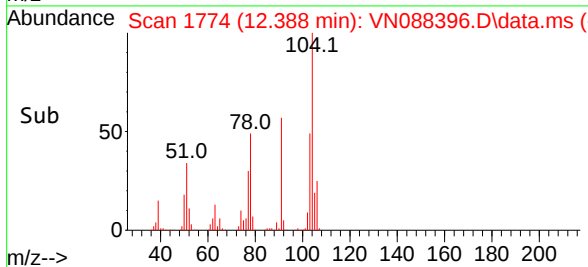
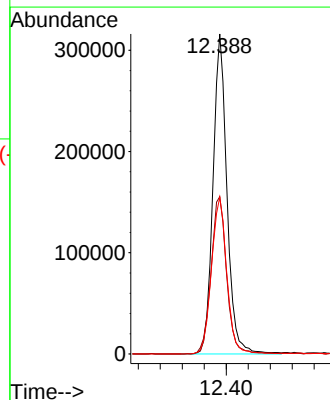
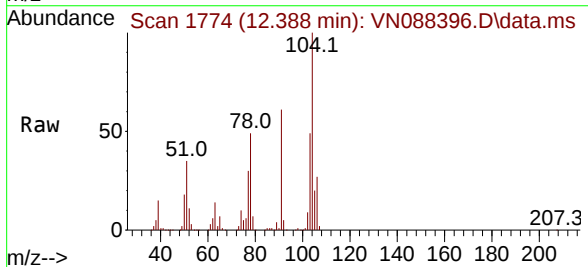
Manual Integrations
APPROVED

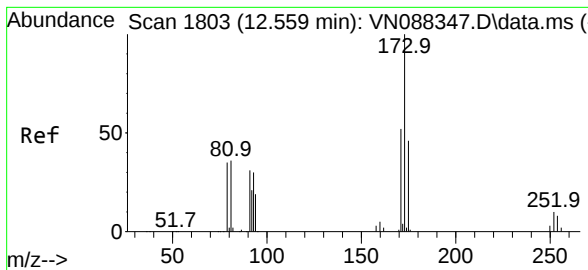
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#70
Styrene
Concen: 58.473 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

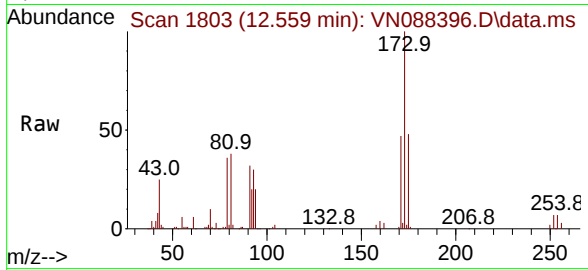
Tgt Ion:104 Resp: 558107
Ion Ratio Lower Upper
104 100
78 54.8 44.3 66.5
103 53.7 44.2 66.4





#71
Bromoform
Concen: 55.009 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

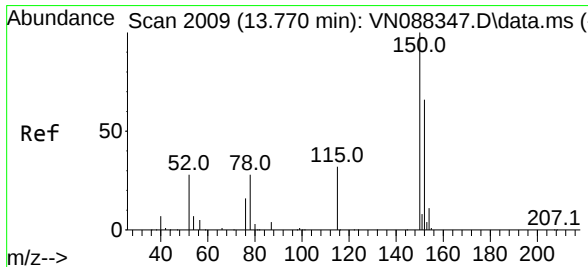
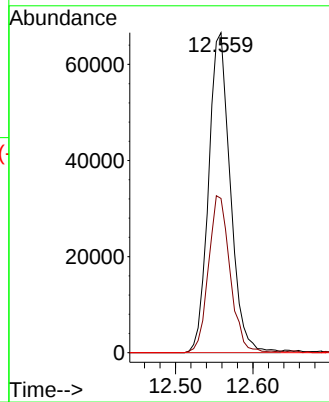
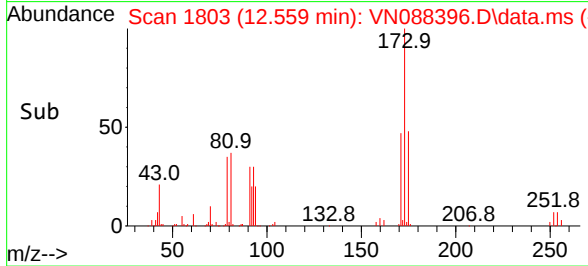
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



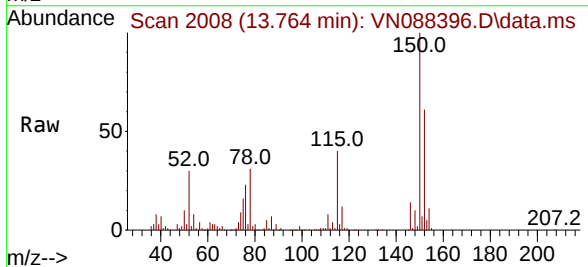
Tgt Ion:173 Resp: 129299
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.8
254 0.0 0.1 0.1

Manual Integrations
APPROVED

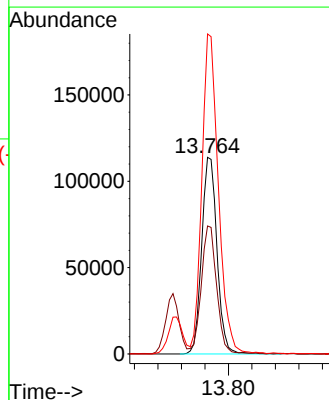
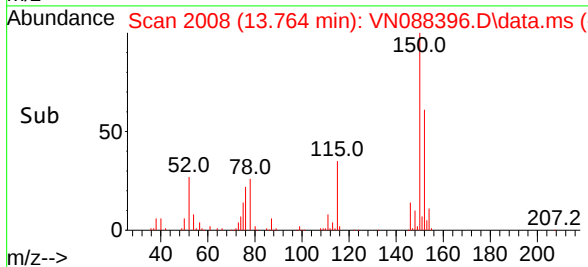
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

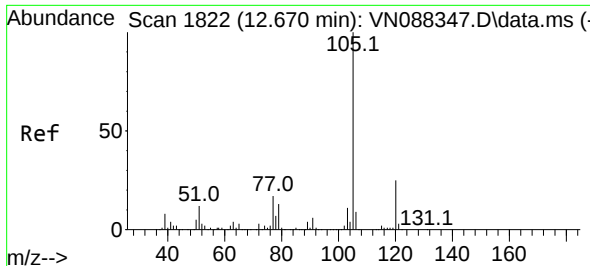


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.764 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



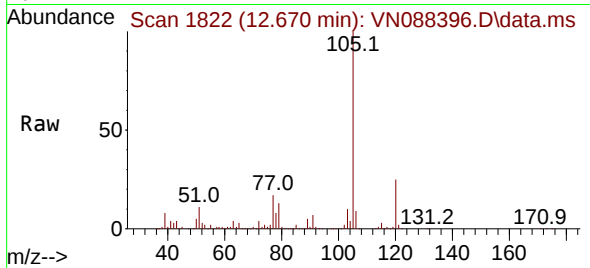
Tgt Ion:152 Resp: 206439
Ion Ratio Lower Upper
152 100
115 65.7 33.0 98.9
150 174.9 0.0 349.0





#73
Isopropylbenzene
Concen: 54.998 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

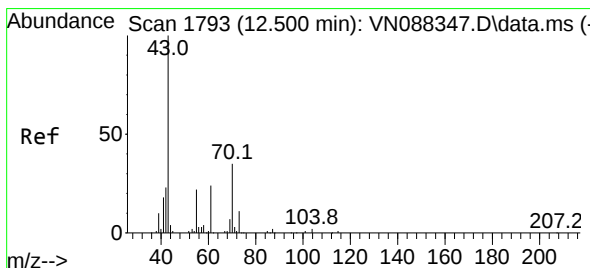
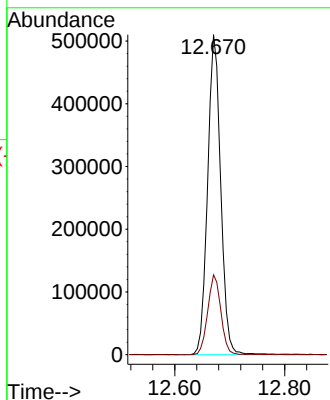
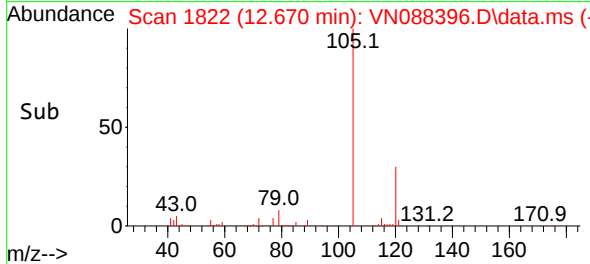
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



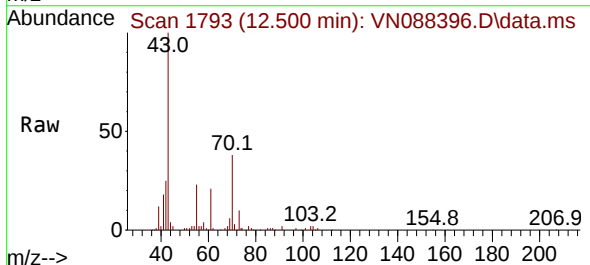
Tgt Ion:105 Resp: 83948
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.3

Manual Integrations
APPROVED

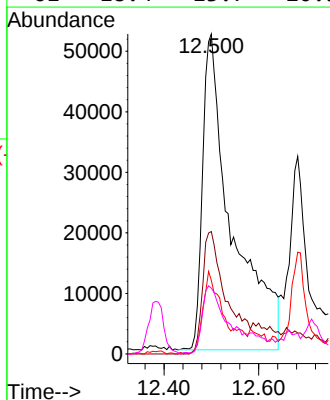
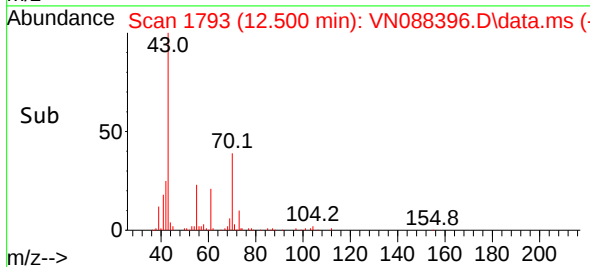
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

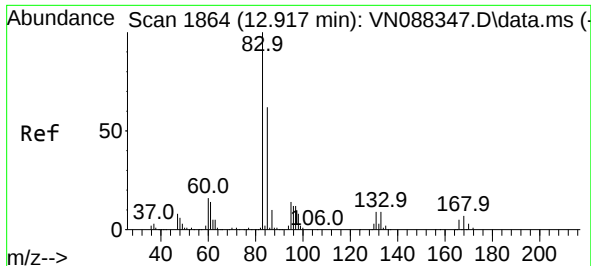


#74
N-ethyl acetate
Concen: 43.238 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



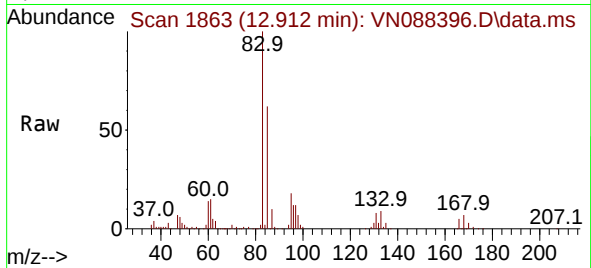
Tgt Ion: 43 Resp: 224758
Ion Ratio Lower Upper
43 100
70 31.8 28.3 42.5
55 19.3 17.7 26.5
61 18.4 13.7 20.5





#75
1,1,2,2-Tetrachloroethane
Concen: 52.080 ug/l
RT: 12.912 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

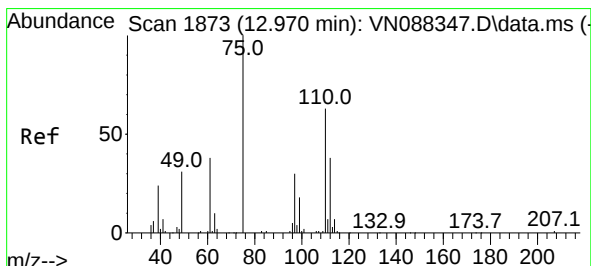
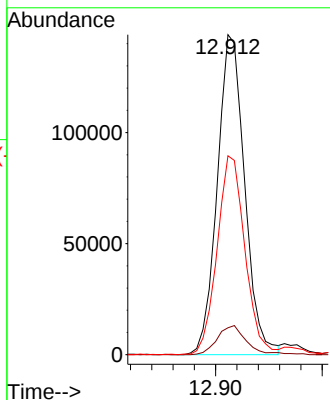
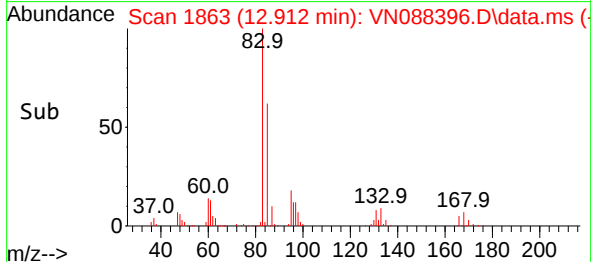
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 25699
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 63.2 32.1 96.5

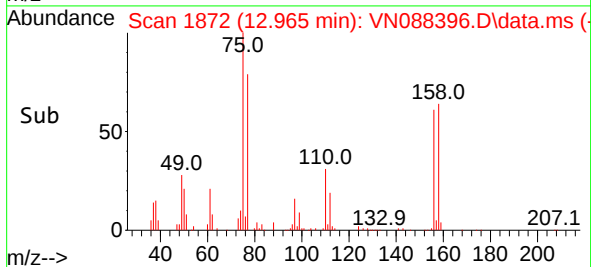
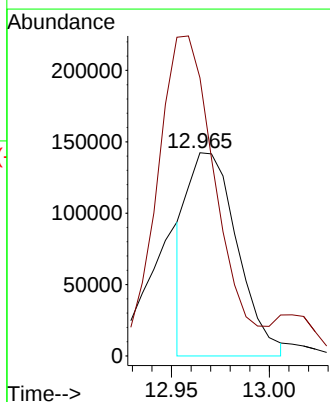
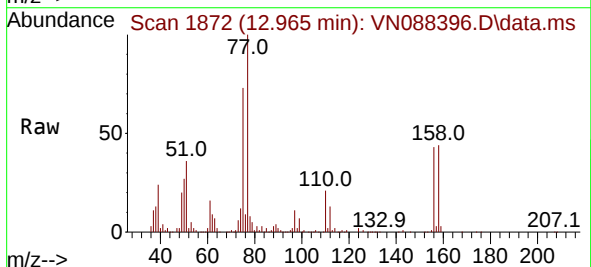
Manual Integrations
APPROVED

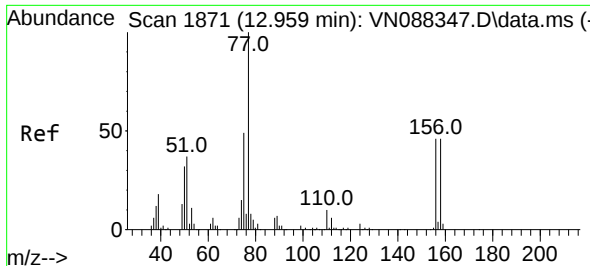
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#76
1,2,3-Trichloropropane
Concen: 52.191 ug/l m
RT: 12.965 min Scan# 1872
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

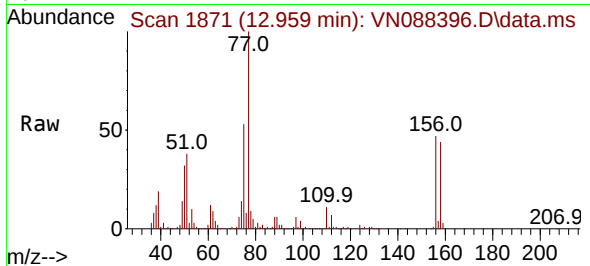
Tgt Ion: 75 Resp: 252352
Ion Ratio Lower Upper
75 100
77 188.1 87.2 261.6





#77
Bromobenzene
Concen: 54.491 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

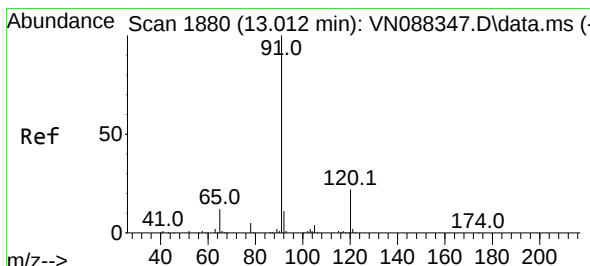
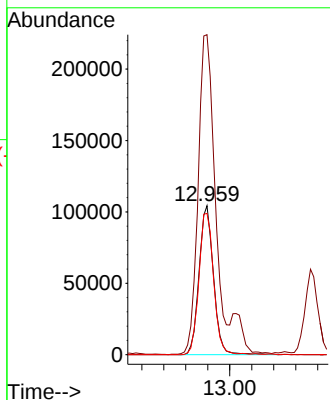
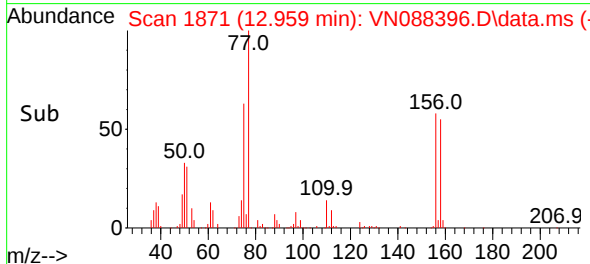
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



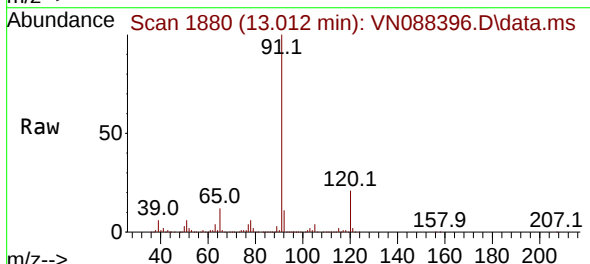
Tgt Ion:156 Resp: 190300
Ion Ratio Lower Upper
156 100
77 249.4 121.6 364.7
158 97.1 48.6 145.8

Manual Integrations
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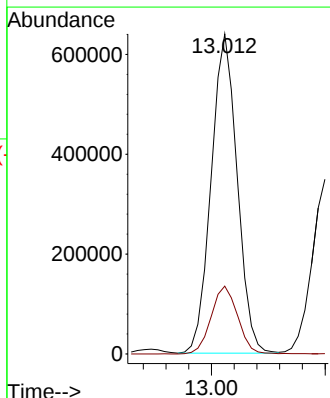
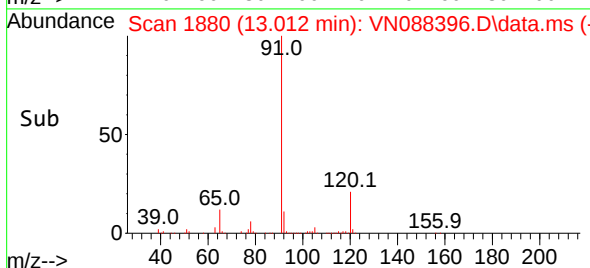
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

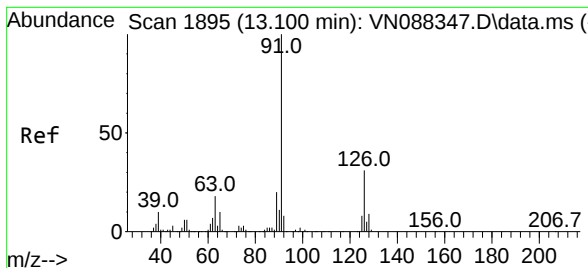


#78
n-propylbenzene
Concen: 54.462 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



Tgt Ion: 91 Resp: 1016994
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6





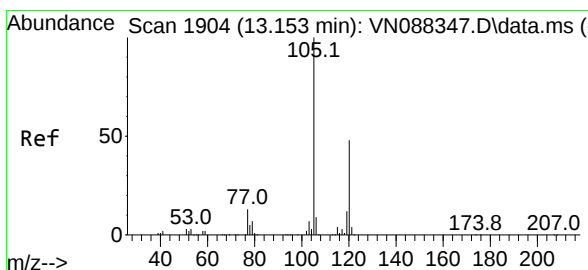
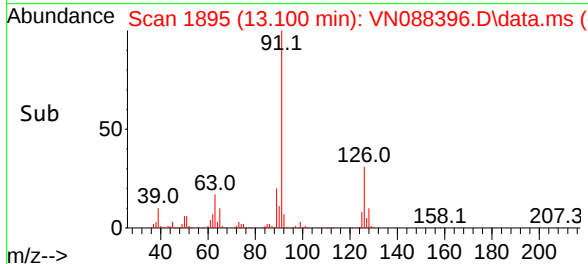
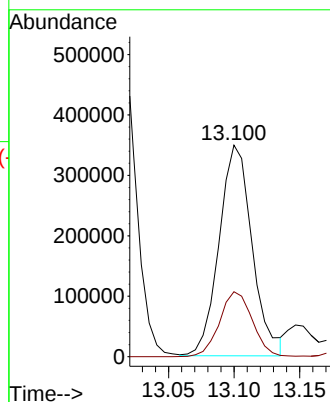
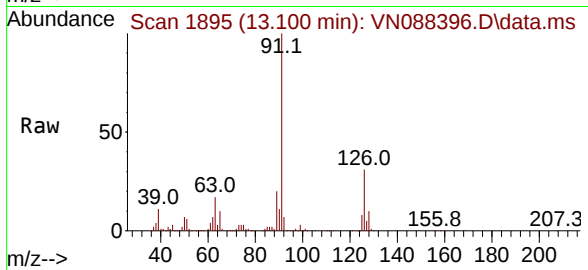
#79
2-Chlorotoluene
Concen: 53.708 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 61244
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.9

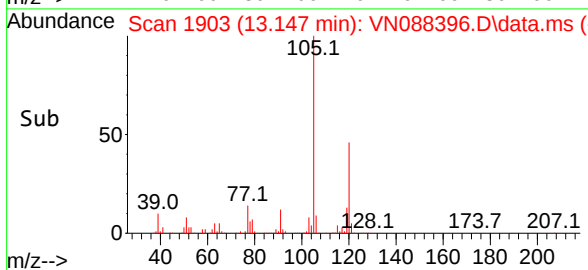
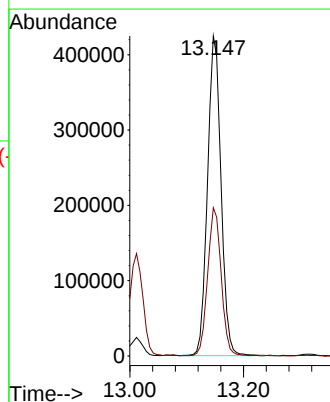
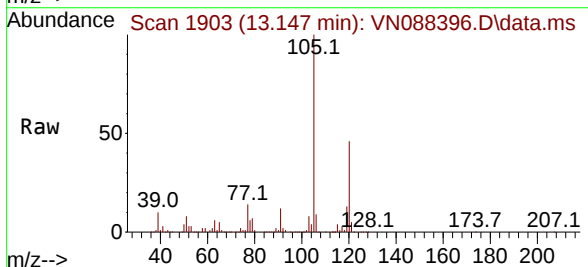
Manual Integrations
APPROVED

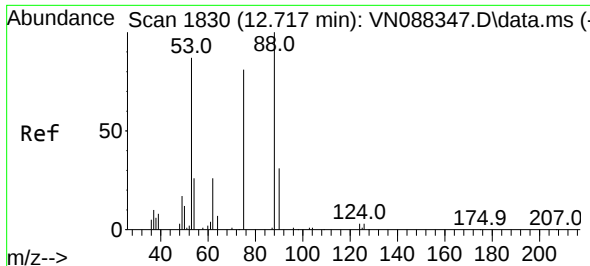
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 55.108 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

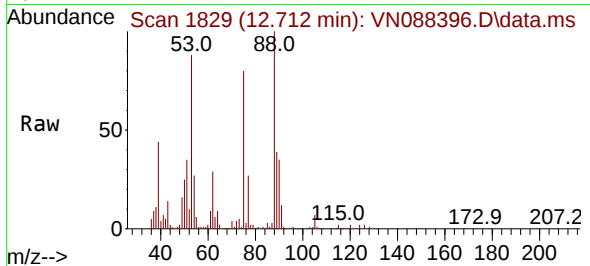
Tgt Ion:105 Resp: 697012
Ion Ratio Lower Upper
105 100
120 46.5 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 55.667 ug/l
RT: 12.712 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

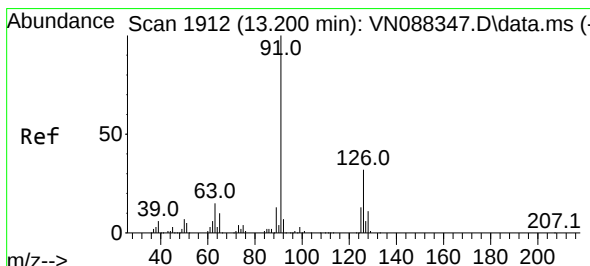
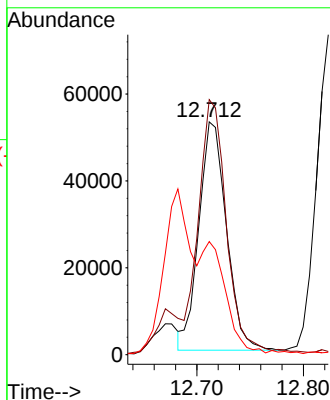
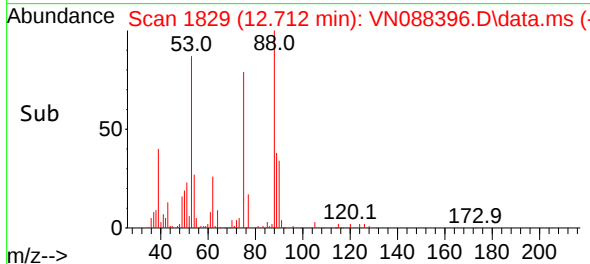
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 94870
Ion Ratio Lower Upper
75 100
53 110.9 92.2 138.4
89 0.0 0.0 0.0

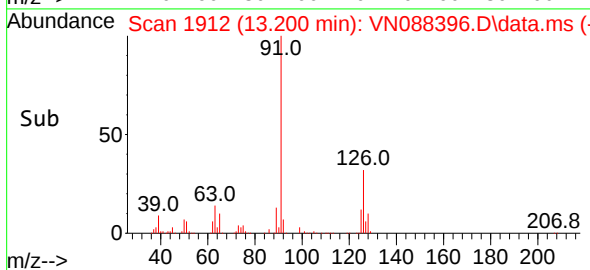
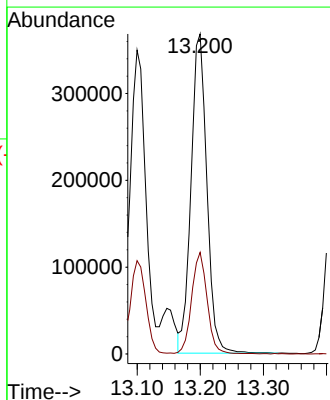
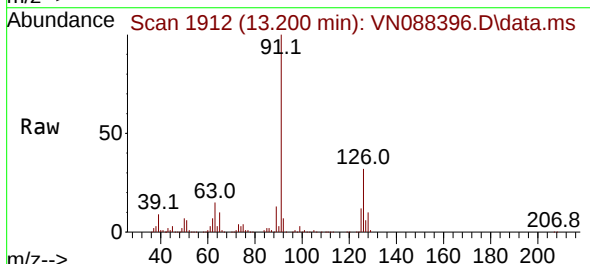
Manual Integrations
APPROVED

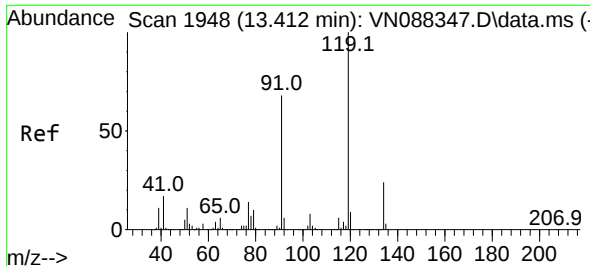
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#82
4-Chlorotoluene
Concen: 56.512 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

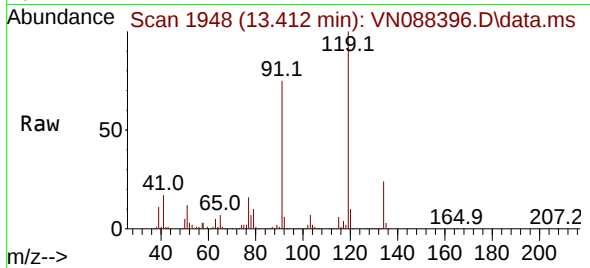
Tgt Ion: 91 Resp: 640056
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.7





#83
tert-Butylbenzene
Concen: 53.542 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

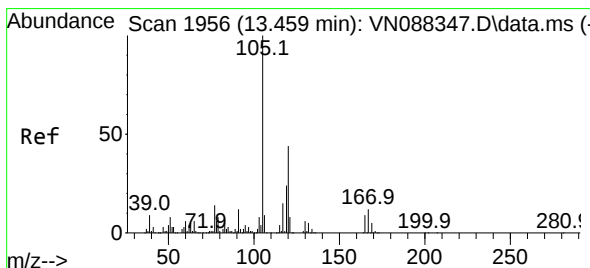
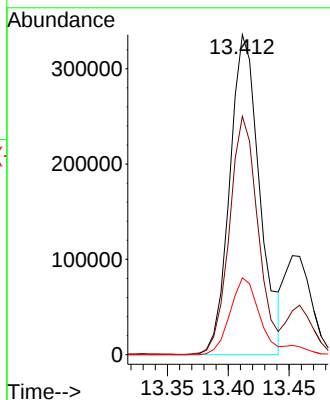
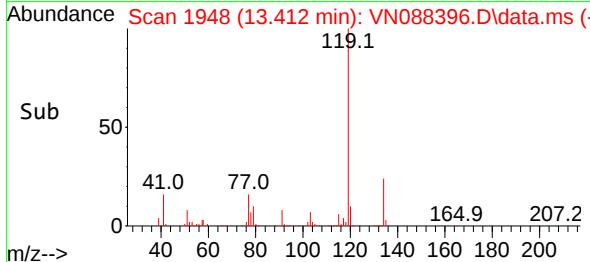
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



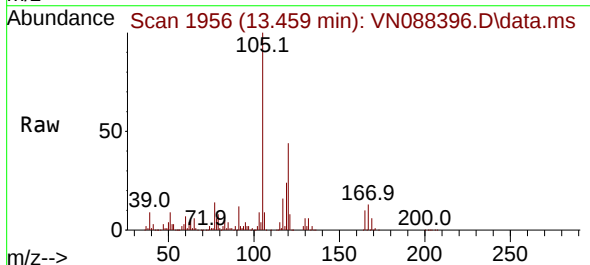
Tgt Ion:119 Resp: 575684
Ion Ratio Lower Upper
119 100
91 71.0 35.1 105.3
134 25.5 12.8 38.4

Manual Integrations
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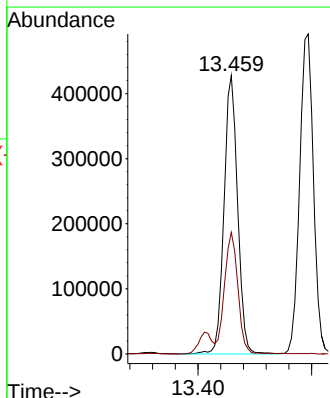
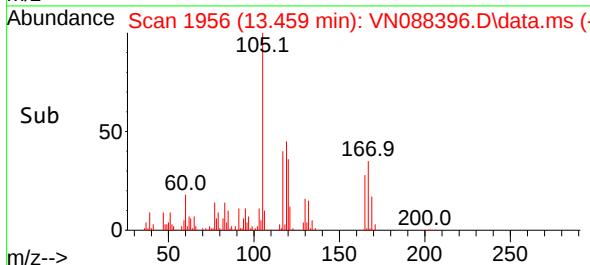
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

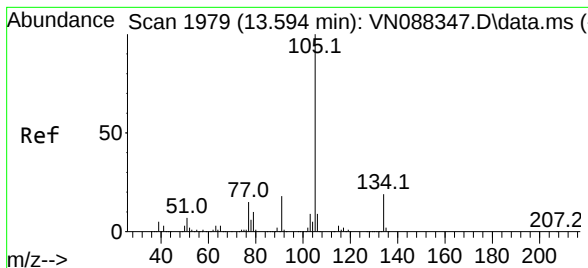


#84
1,2,4-Trimethylbenzene
Concen: 56.739 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



Tgt Ion:105 Resp: 713305
Ion Ratio Lower Upper
105 100
120 42.9 22.1 66.1





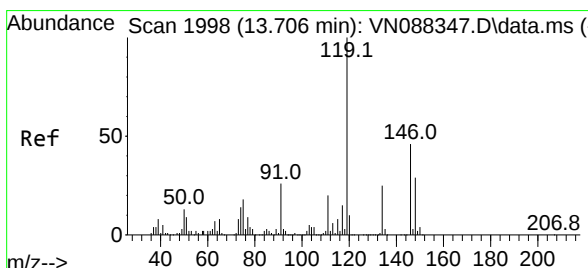
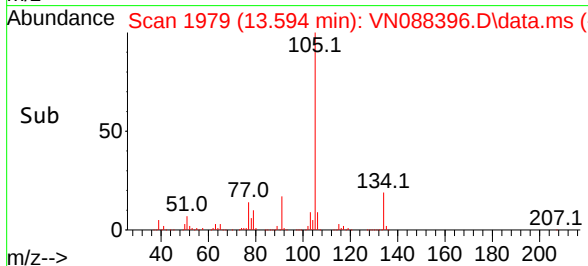
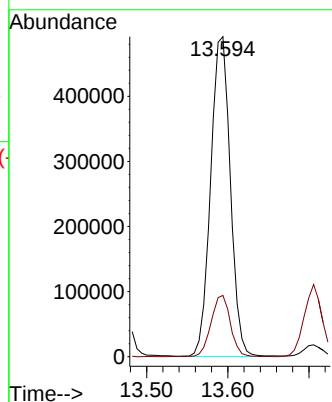
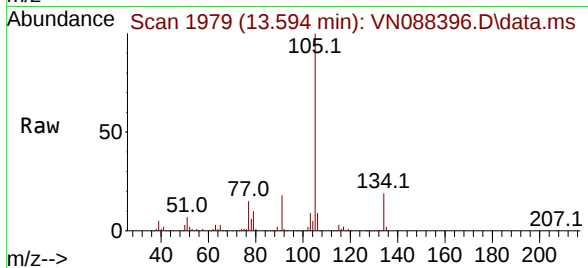
#85
 sec-Butylbenzene
 Concen: 53.615 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 82814
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.5 28.5

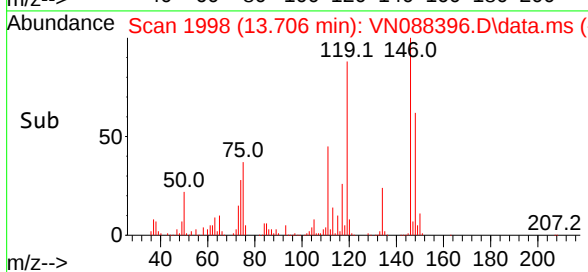
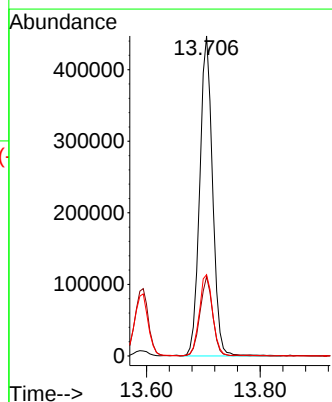
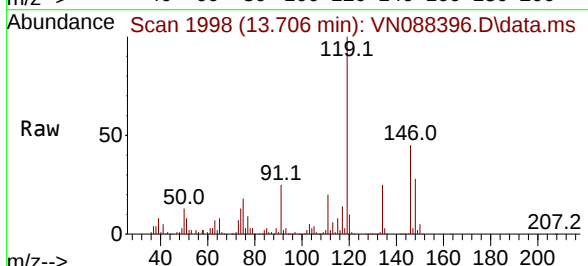
Manual Integrations
 APPROVED

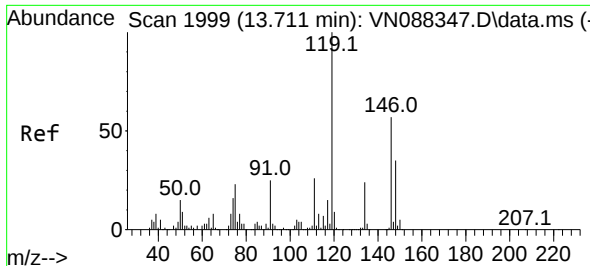
Reviewed By :John Carlone 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025



#86
 p-Isopropyltoluene
 Concen: 55.372 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

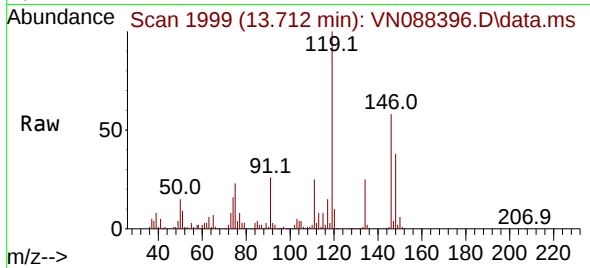
Tgt Ion:119 Resp: 701349
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.2 36.6
 91 26.2 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 53.199 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

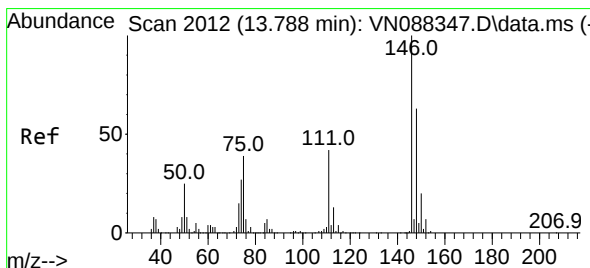
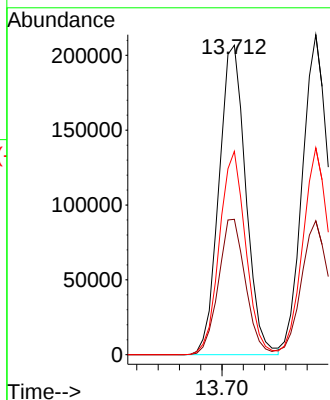
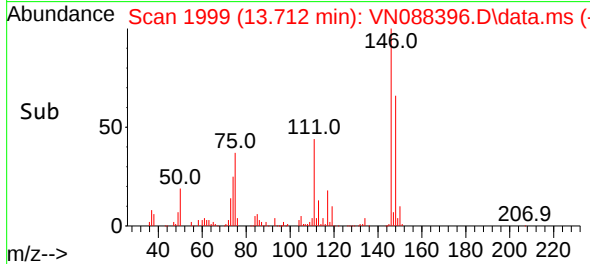
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



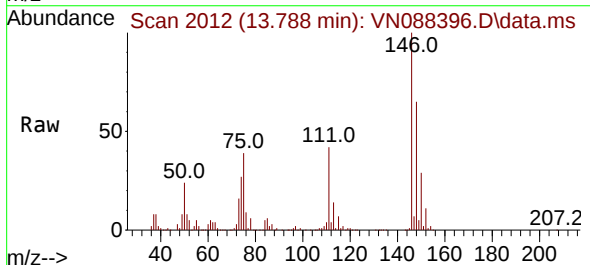
Tgt Ion:146 Resp: 36167
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.0
148 64.3 31.6 94.8

Manual Integrations
APPROVED

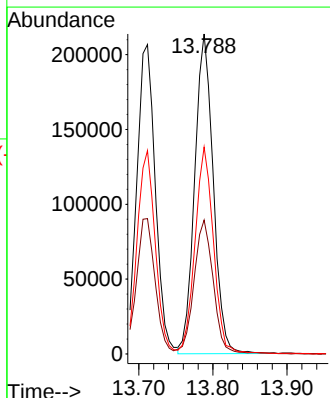
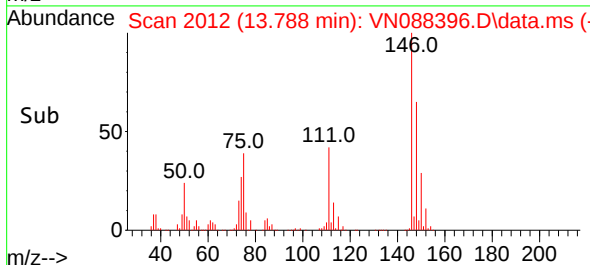
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

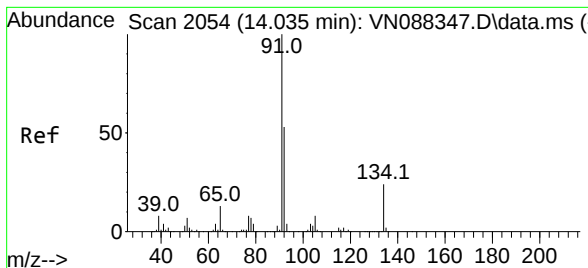


#88
1,4-Dichlorobenzene
Concen: 52.169 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



Tgt Ion:146 Resp: 371515
Ion Ratio Lower Upper
146 100
111 43.8 21.6 64.6
148 64.2 31.0 93.0





#89

n-Butylbenzene

Concen: 53.581 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.006 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

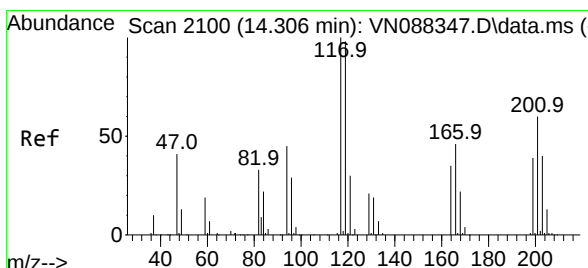
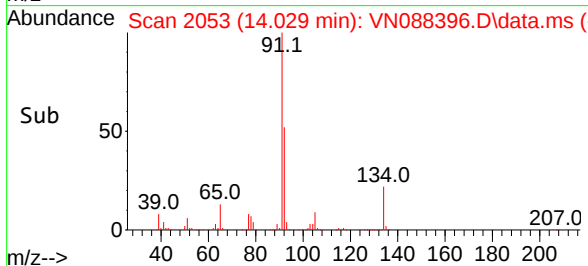
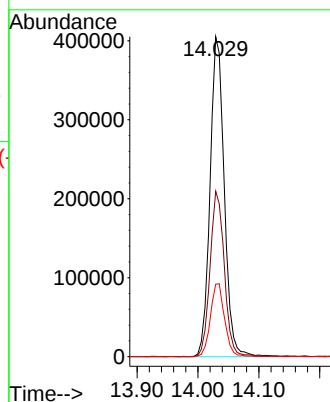
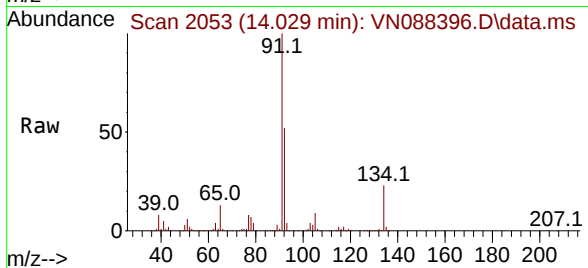
Tgt Ion: 91 Resp: 658940
 Ion Ratio Lower Upper
 91 100
 92 52.0 26.1 78.3
 134 22.9 11.7 35.1

Manual Integrations

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Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#90

Hexachloroethane

Concen: 54.735 ug/l

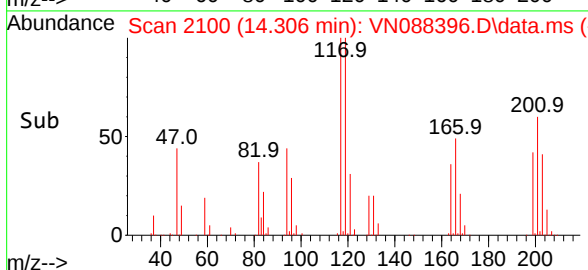
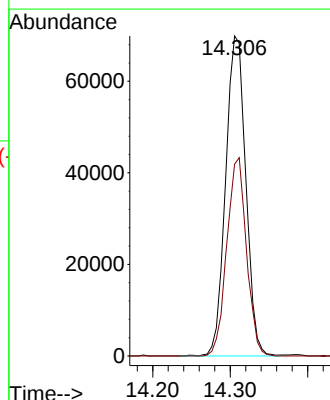
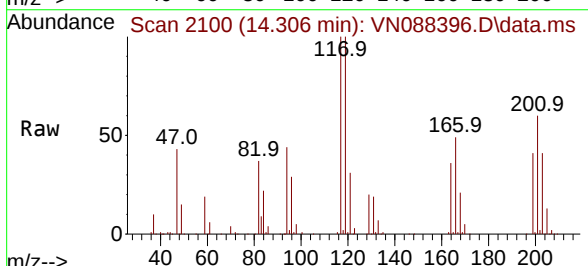
RT: 14.306 min Scan# 2100

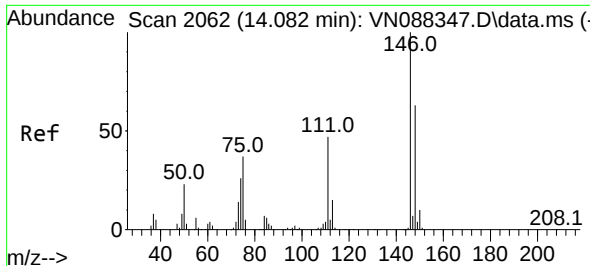
Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

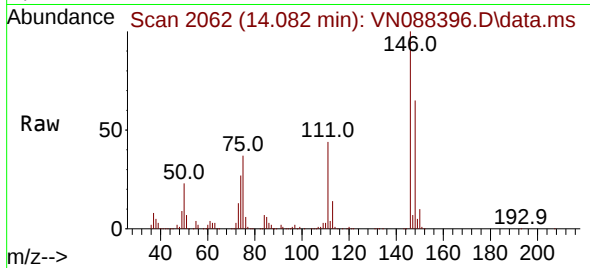
Tgt Ion:117 Resp: 126648
 Ion Ratio Lower Upper
 117 100
 201 60.5 30.3 90.9





#91
1,2-Dichlorobenzene
Concen: 53.685 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

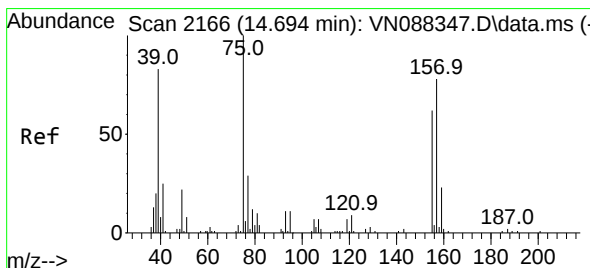
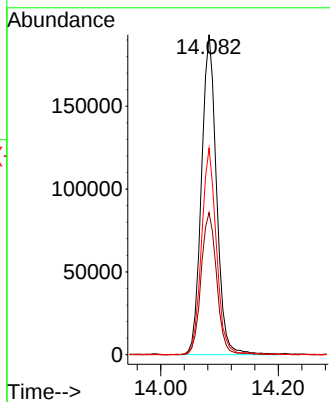
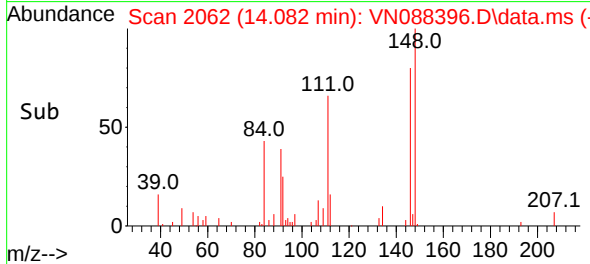
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



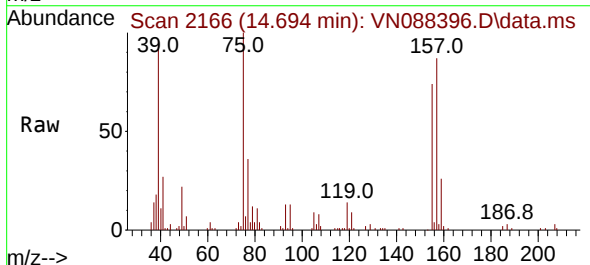
Tgt Ion:146 Resp: 343460
Ion Ratio Lower Upper
146 100
111 45.9 23.3 69.9
148 63.8 31.8 95.4

Manual Integrations
APPROVED

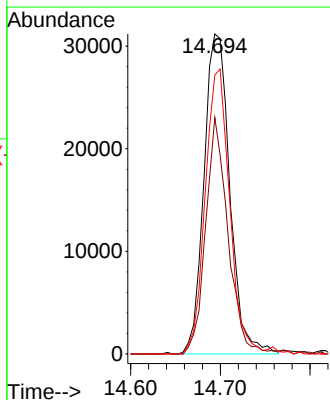
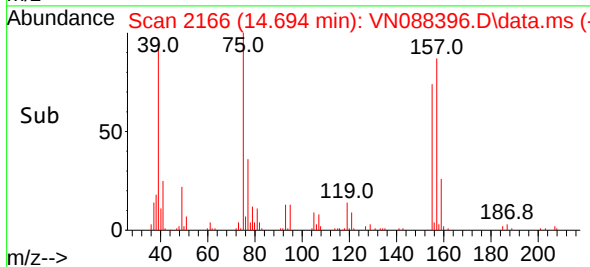
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

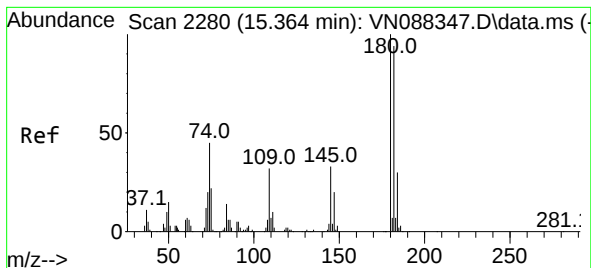


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.162 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00



Tgt Ion: 75 Resp: 62450
Ion Ratio Lower Upper
75 100
155 64.3 33.7 101.1
157 84.1 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 51.780 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 196829

Ion Ratio Lower Upper

180 100

182 93.8 46.1 138.2

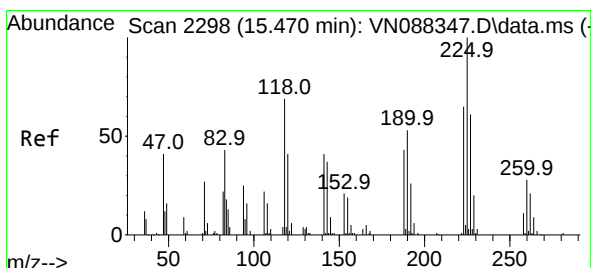
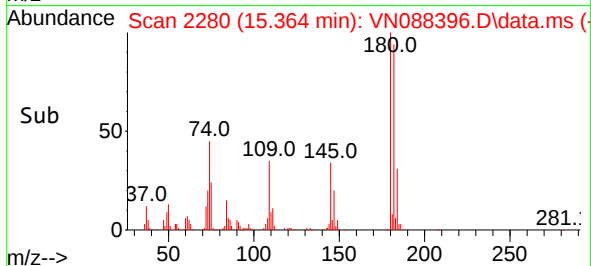
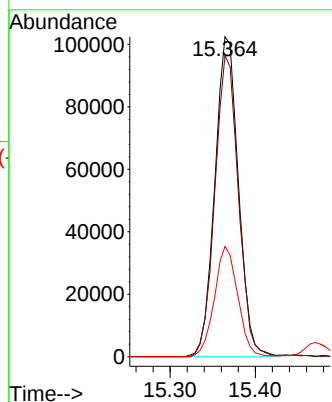
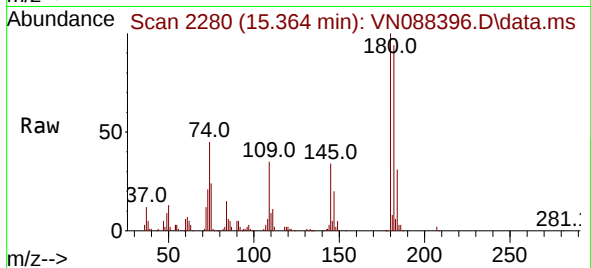
145 34.3 16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#94

Hexachlorobutadiene

Concen: 50.390 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

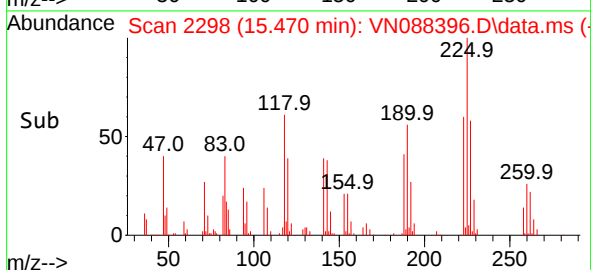
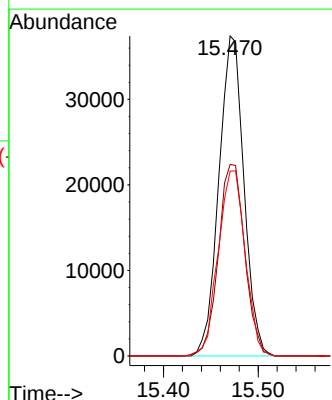
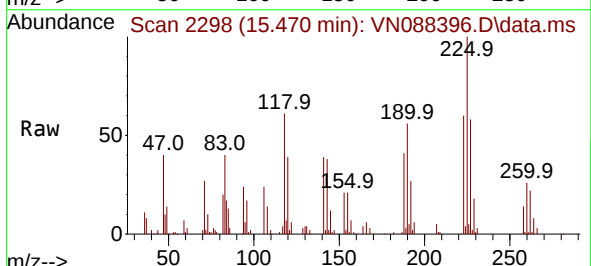
Tgt Ion:225 Resp: 68831

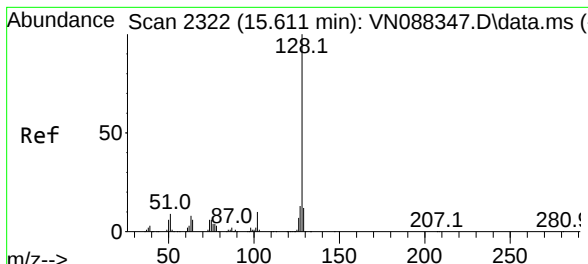
Ion Ratio Lower Upper

225 100

223 62.7 32.3 96.8

227 62.4 29.9 89.8





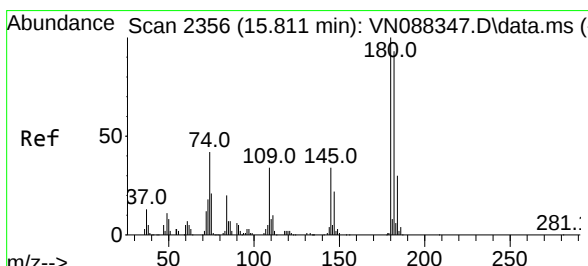
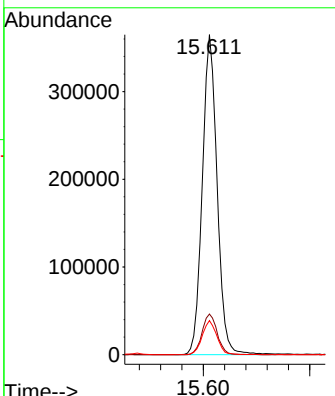
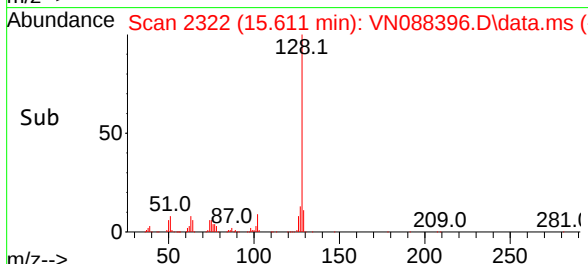
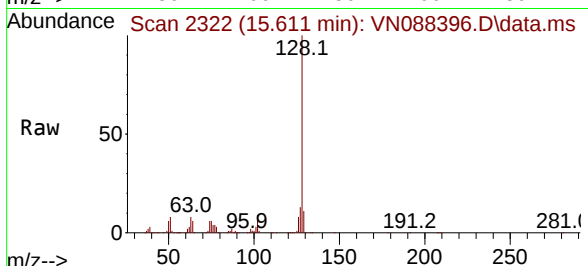
#95
Naphthalene
Concen: 53.375 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Tgt Ion:	128	Resp:	70306
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.6	9.0	13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.264 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion:	180	Resp:	189649
Ion Ratio	Lower	Upper	
180	100		
182	95.4	45.9	137.7
145	35.1	17.8	53.4

