

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072425\
 Data File : VN087415.D
 Acq On : 24 Jul 2025 13:50
 Operator : JC\MD
 Sample : Q2683-04MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN001MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2025
 Supervised By : Mahesh Dadoda 07/25/2025

Quant Time: Jul 25 04:54:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 24 05:11:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	23884m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.088	114	115345	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	107964	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	61851	31.400	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.667%			
60) 4-Bromofluorobenzene	12.829	95	53449	29.674	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.900%			
63) Toluene-d8	10.547	98	149276	30.403	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.333%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	29697	20.321	ug/l	78
3) Chloromethane	2.389	50	26652	18.361	ug/l	96
4) Vinyl Chloride	2.536	62	30753	19.223	ug/l	95
5) Bromomethane	2.989	94	22073	22.297	ug/l	99
6) Chloroethane	3.136	64	24783	20.157	ug/l	90
7) Trichlorofluoromethane	3.518	101	56479	20.759	ug/l	92
8) Diethyl Ether	3.965	74	21496	19.848	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	28627	19.854	ug/l #	58
10) 1,1-Dichloroethene	4.330	96	29572m	19.755	ug/l	
11) Methyl Iodide	4.583	142	14272	13.070	ug/l	80
12) Methyl Acetate	5.024	43	40105	20.598	ug/l #	89
13) Acrolein	4.171	56	40188	113.535	ug/l	95
14) Acrylonitrile	5.706	53	87253	98.128	ug/l	96
15) Acetone	4.430	58	38306	122.022	ug/l	87
16) Carbon Disulfide	4.700	76	72188	18.673	ug/l #	95
17) Allyl chloride	5.018	41	37095	18.090	ug/l	99
18) Methylene Chloride	5.277	84	30820m	20.344	ug/l	
19) trans-1,2-Dichloroethene	5.771	96	28098	19.114	ug/l	87
20) Diisopropyl ether	6.659	45	93978	18.124	ug/l	96
21) 1,1-Dichloroethane	6.559	63	53883	19.455	ug/l	94
22) cis-1,2-Dichloroethene	7.477	96	31152	18.091	ug/l #	87
23) tert-Butyl Alcohol	5.530	59	29793	97.765	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	89085	18.416	ug/l #	79
25) Chloroform	7.953	83	62984	20.764	ug/l	95
26) Cyclohexane	8.241	56	34652	16.783	ug/l #	93
29) 1,1-Dichloropropene	8.353	75	35087	17.829	ug/l	98
30) 2-Butanone	7.471	43	129193	96.397	ug/l	99
31) 2,2-Dichloropropane	7.477	77	47952	18.554	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	51899	20.150	ug/l	99
33) Carbon Tetrachloride	8.347	117	42893	19.170	ug/l	86
34) Benzene	8.588	78	117145	18.431	ug/l	98
35) Methacrylonitrile	7.771	41	25361	17.995	ug/l	87
36) 1,2-Dichloroethane	8.659	62	47186	18.819	ug/l	98
37) Trichloroethene	9.330	130	27422	18.906	ug/l	88
38) Methylcyclohexane	9.588	83	34910	16.781	ug/l	99
39) 1,2-Dichloropropane	9.612	63	30542	19.128	ug/l	91
40) Dibromomethane	9.688	93	24108	19.515	ug/l	98
41) Bromodichloromethane	9.871	83	49310	20.104	ug/l	95
42) Vinyl Acetate	6.594	43	387404	85.331	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	48912	17.927	ug/l #	76
44) Isopropyl Acetate	8.677	43	77765	18.054	ug/l	99
45) 1,4-Dioxane	9.682	88	9873	372.033	ug/l #	56
46) Methyl methacrylate	9.671	41	35278	17.785	ug/l	96
47) n-amyl Acetate	12.523	43	45169m	17.499	ug/l	
48) t-1,3-Dichloropropene	10.818	75	45950	17.561	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	48545	18.551	ug/l	97
50) 1,1,2-Trichloroethane	10.994	97	30062	18.842	ug/l	95
51) Ethyl methacrylate	10.859	69	41648	17.070	ug/l	96
52) 1,3-Dichloropropane	11.147	76	51006	18.594	ug/l	96
53) Dibromochloromethane	11.341	129	38817	20.758	ug/l	95
54) 1,2-Dibromoethane	11.453	107	31004	18.959	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	137524	101.325	ug/l	98
56) Bromoform	12.559	173	25548	19.210	ug/l #	96
58) 4-Methyl-2-Pentanone	10.429	43	265376	100.521	ug/l	98
59) 2-Hexanone	11.182	43	167344	93.912	ug/l	99
61) Tetrachloroethene	11.082	164	23404	19.412	ug/l	86
62) Toluene	10.612	91	123987	18.857	ug/l	98
64) Chlorobenzene	11.871	112	80311	19.105	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.941	131	29213	19.017	ug/l	99
66) Ethyl Benzene	11.947	91	126238	17.734	ug/l	97
67) m/p-Xylenes	12.053	106	103092	36.596	ug/l	98
68) o-Xylene	12.376	106	48692	18.019	ug/l	98
69) Styrene	12.394	104	83758	17.815	ug/l	100
70) Isopropylbenzene	12.676	105	117372	17.246	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.918	83	46547	19.442	ug/l	97
72) 1,2,3-Trichloropropane	12.976	75	40660m	19.010	ug/l	
73) Bromobenzene	12.959	156	32044	18.089	ug/l	97
74) n-propylbenzene	13.018	91	151600	17.639	ug/l	100
75) 2-Chlorotoluene	13.106	91	93066	18.029	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	101864	17.207	ug/l	99
77) t-1,4-Dichloro-2-butene	12.723	75	15449	18.074	ug/l	95
78) 4-Chlorotoluene	13.200	91	96502	17.529	ug/l	99
79) tert-butylbenzene	13.418	119	87344	17.373	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	105758	17.501	ug/l	98
81) sec-Butylbenzene	13.594	105	124114	17.106	ug/l	96
82) p-Isopropyltoluene	13.706	119	104014	16.703	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	64705	18.129	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	64034	18.176	ug/l	97
85) n-Butylbenzene	14.035	91	95090	16.580	ug/l	99
86) Hexachloroethane	14.312	117	21778	17.971	ug/l	99
87) 1,2-Dichlorobenzene	14.088	146	59972	17.846	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	10517	18.880	ug/l	94
89) 1,2,4-Trichlorobenzene	15.817	180	34230	17.657	ug/l	97
90) Hexachlorobutadiene	15.476	225	15296	19.130	ug/l	96
91) Naphthalene	15.617	128	111447	17.273	ug/l	99
92) 1,2,3-Trichlorobenzene	15.817	180	34230	17.657	ug/l	97

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

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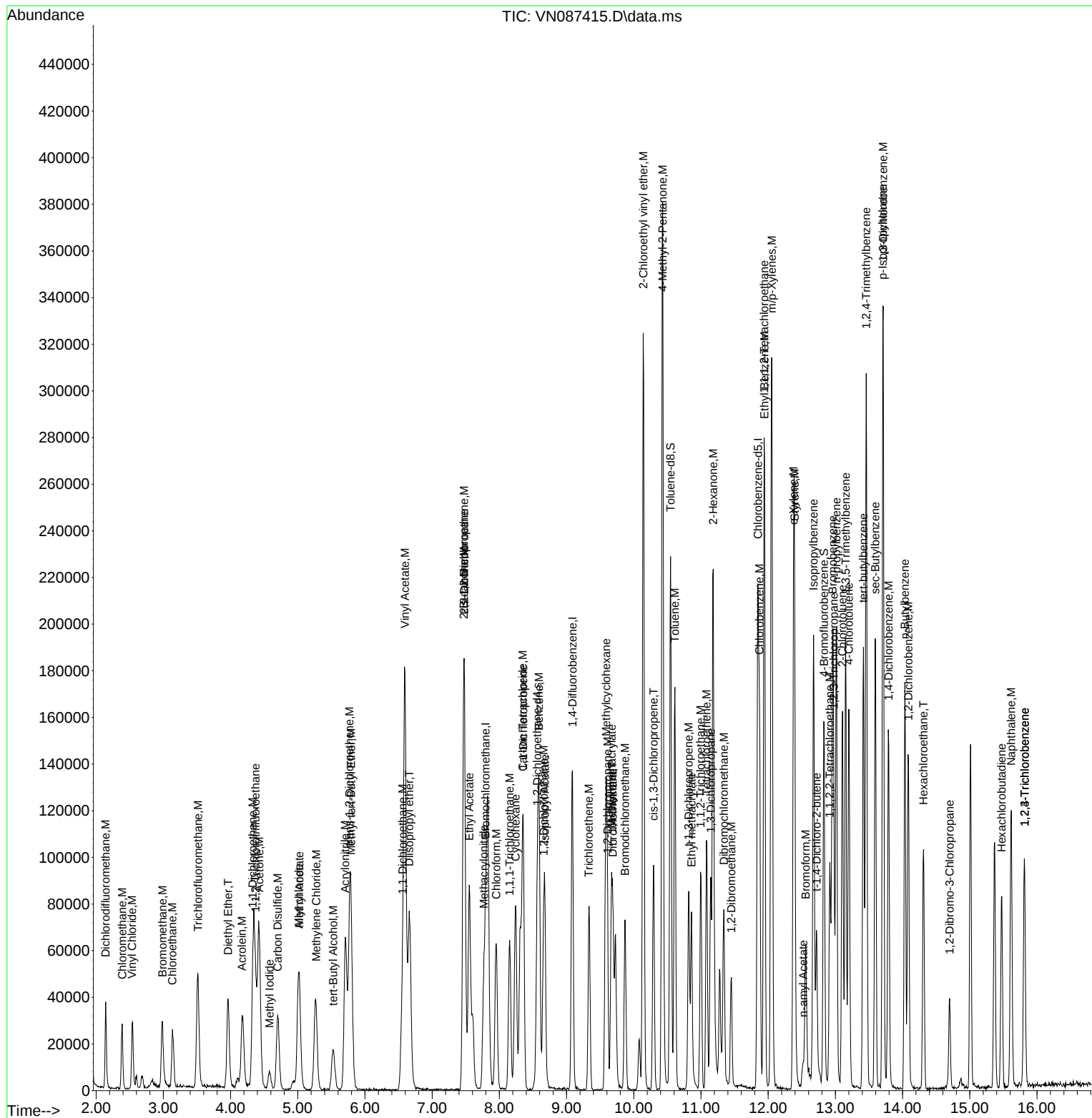
Manual Integrations

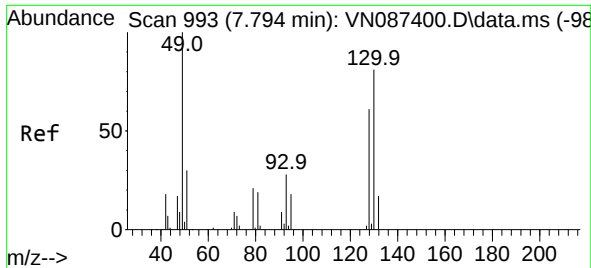
APPROVED

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Supervised By : Mahesh Dadoda 07/25/2025

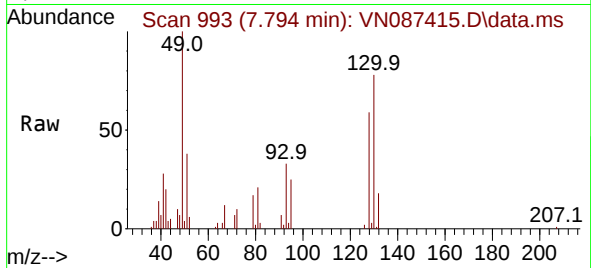
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 24 05:11:26 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

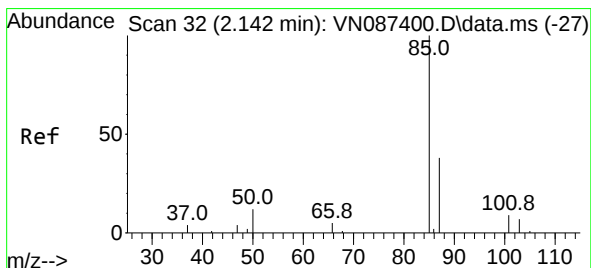
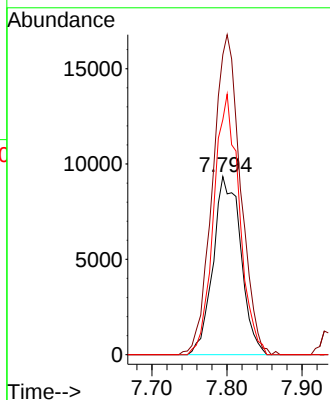
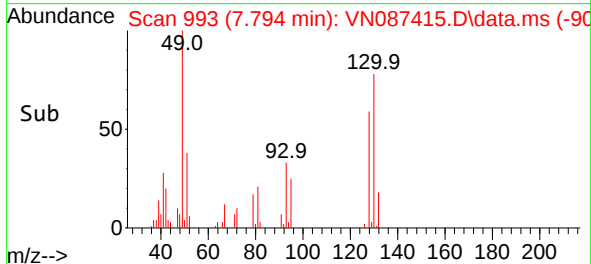
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion:128 Resp: 23884
Ion Ratio Lower Upper
128 100
49 181.8 0.0 446.2
130 135.8 0.0 331.0

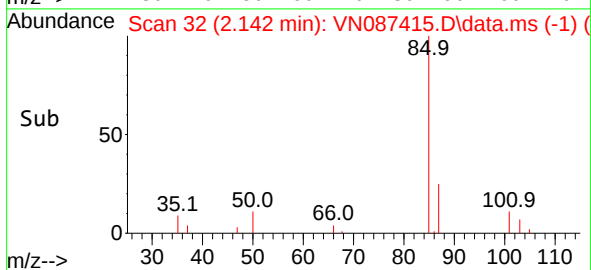
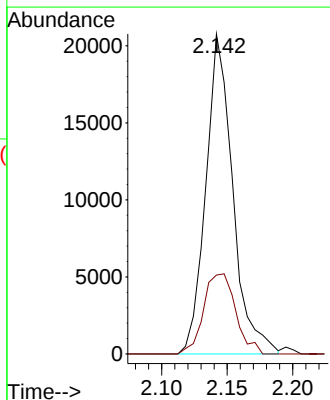
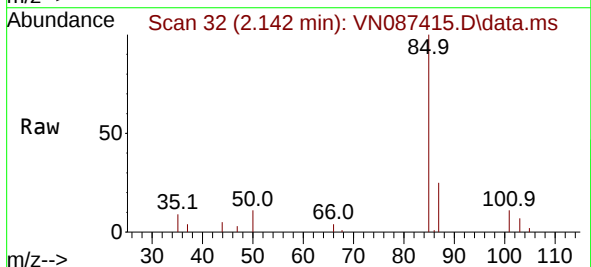
Manual Integrations
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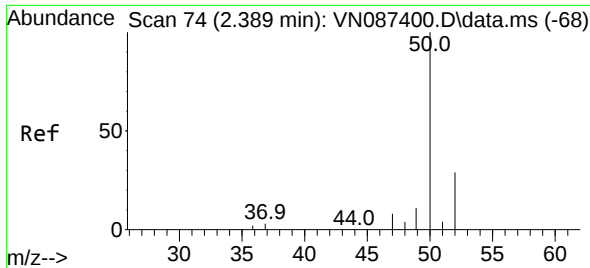
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#2
Dichlorodifluoromethane
Concen: 20.321 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

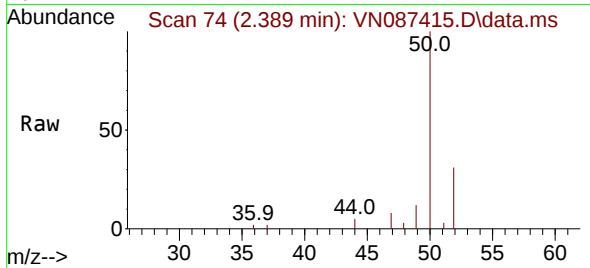
Tgt Ion: 85 Resp: 29697
Ion Ratio Lower Upper
85 100
87 24.7 18.9 56.9





#3
Chloromethane
Concen: 18.361 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

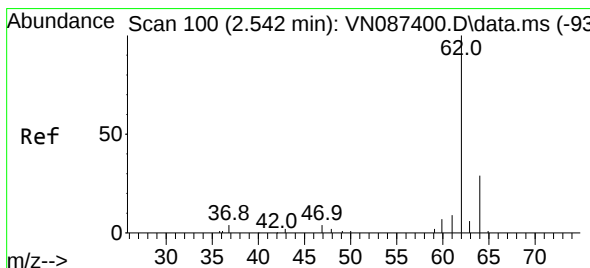
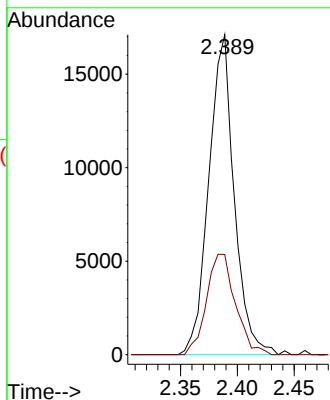
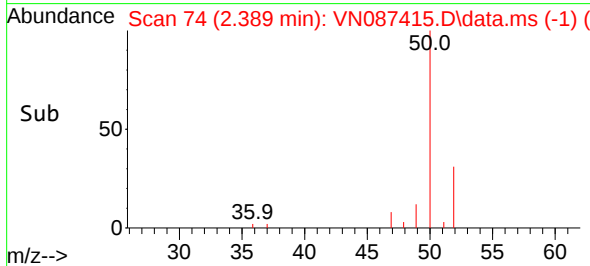
Instrument :
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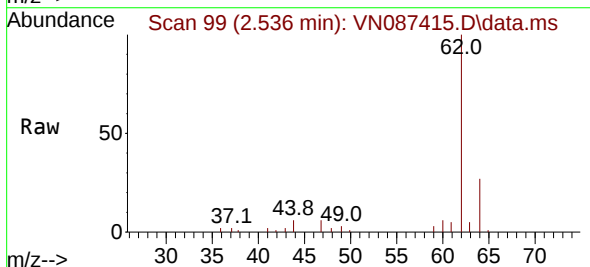
Tgt Ion: 50 Resp: 26652
Ion Ratio Lower Upper
50 100
52 31.3 23.2 34.8

Manual Integrations
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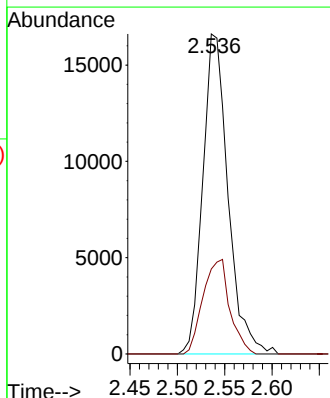
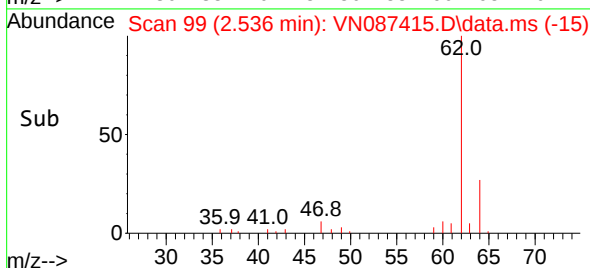
Reviewed By :John Carlone 07/25/2025
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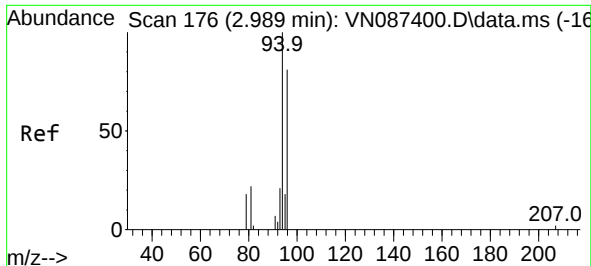


#4
Vinyl Chloride
Concen: 19.223 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50



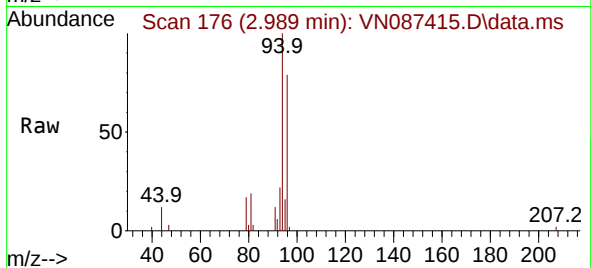
Tgt Ion: 62 Resp: 30753
Ion Ratio Lower Upper
62 100
64 26.6 23.2 34.8





#5
Bromomethane
Concen: 22.297 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

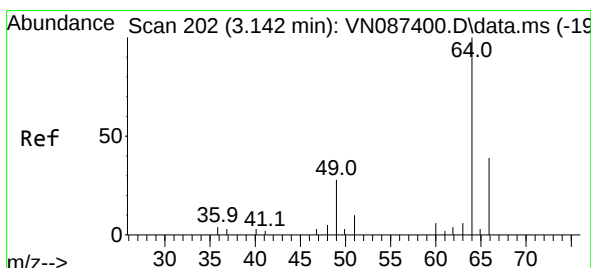
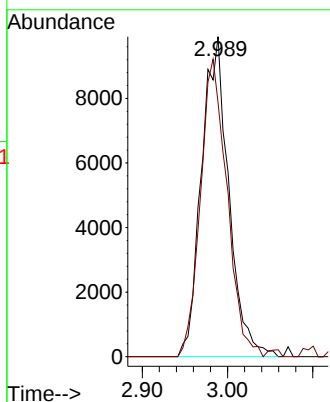
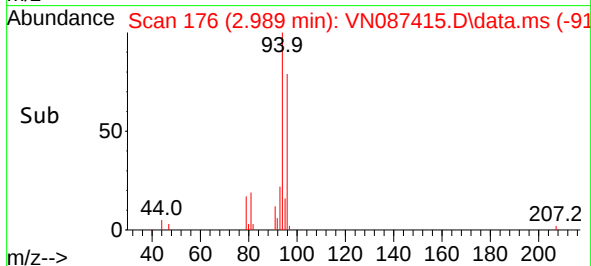
Instrument :
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Tgt Ion: 94 Resp: 2207
Ion Ratio Lower Upper
94 100
96 79.4 64.6 96.8

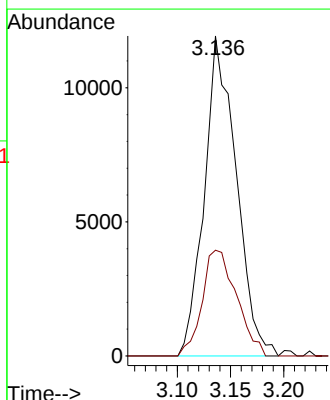
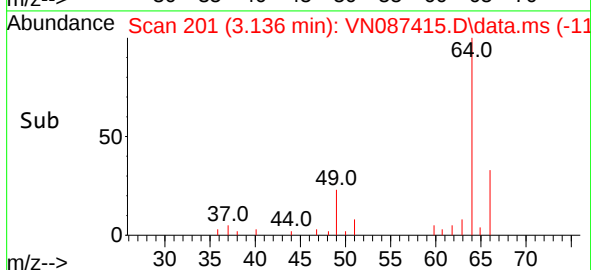
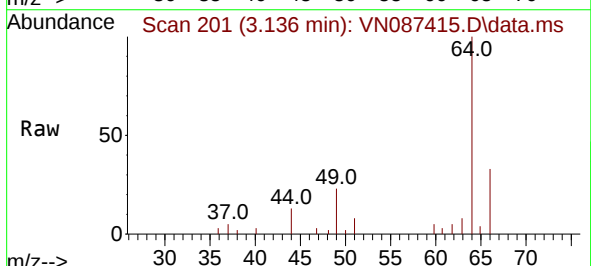
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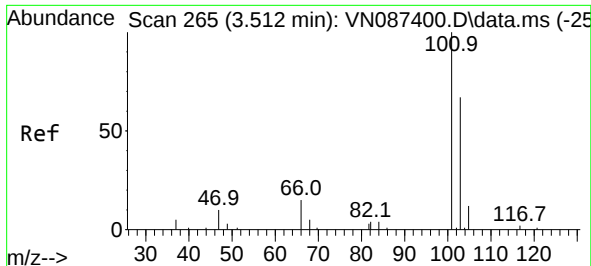
Reviewed By :John Carlone 07/25/2025
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#6
Chloroethane
Concen: 20.157 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

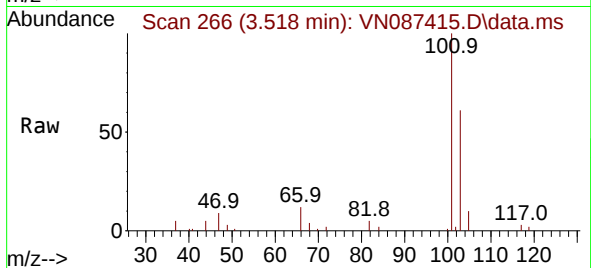
Tgt Ion: 64 Resp: 24783
Ion Ratio Lower Upper
64 100
66 33.1 31.4 47.2





#7
Trichlorofluoromethane
Concen: 20.759 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

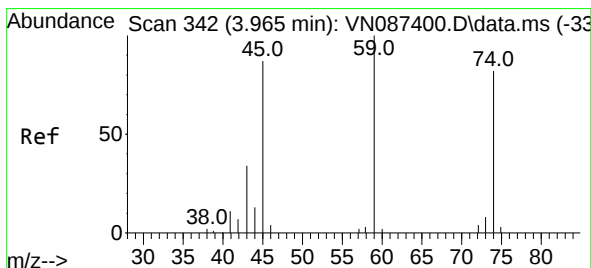
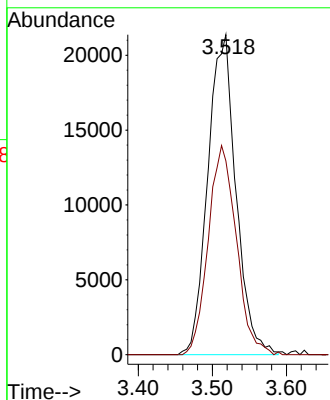
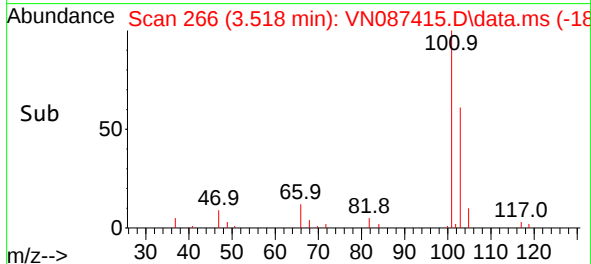
Instrument :
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Tgt Ion:101 Resp: 56479
Ion Ratio Lower Upper
101 100
103 60.5 53.7 80.5

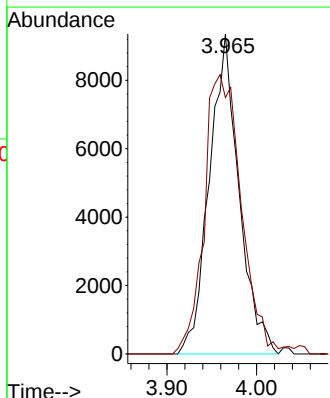
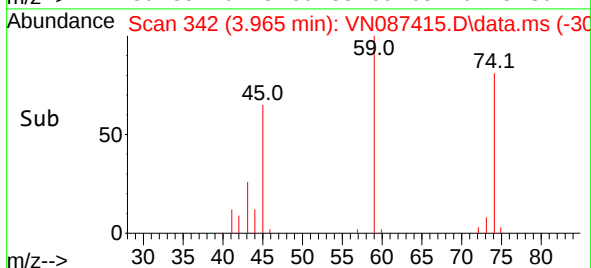
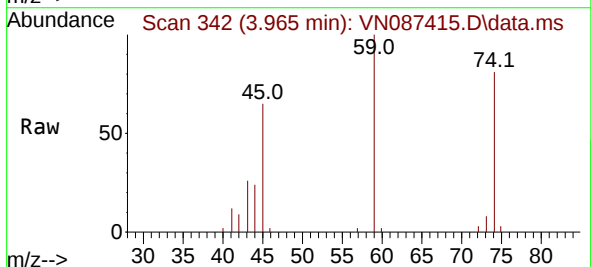
Manual Integrations
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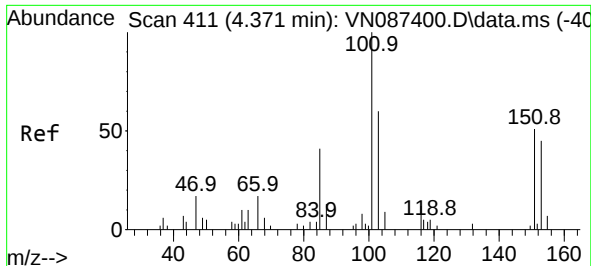
Reviewed By :John Carlone 07/25/2025
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#8
Diethyl Ether
Concen: 19.848 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

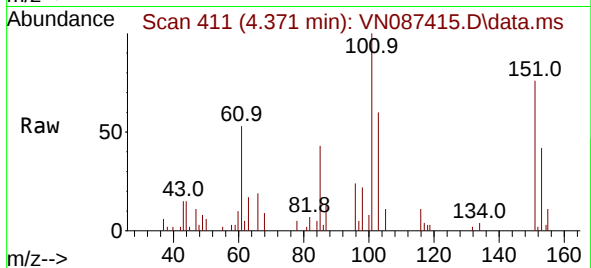
Tgt Ion: 74 Resp: 21496
Ion Ratio Lower Upper
74 100
45 107.3 21.4 192.8





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.854 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN087415.D
 Acq: 24 Jul 2025 13:50

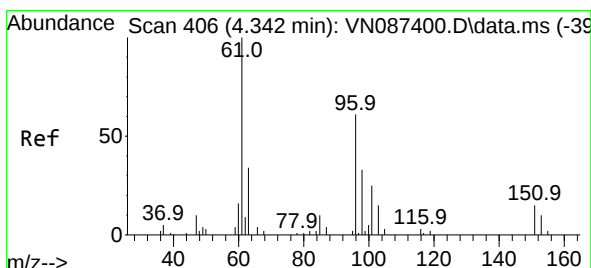
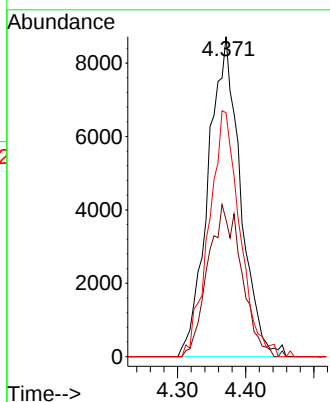
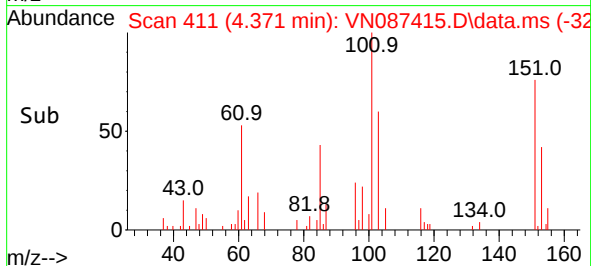
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 ClientSampleId :
 DSN001MS



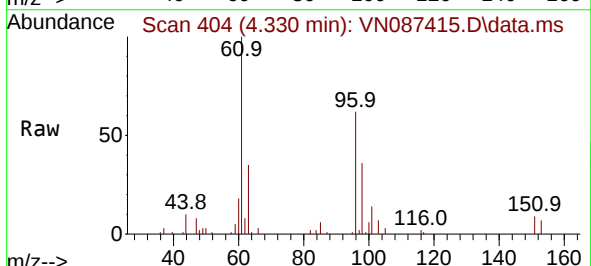
Tgt Ion:101 Resp: 2862
 Ion Ratio Lower Upper
 101 100
 85 32.4 0.0 94.8
 151 72.7 0.0 64.8

Manual Integrations
 APPROVED

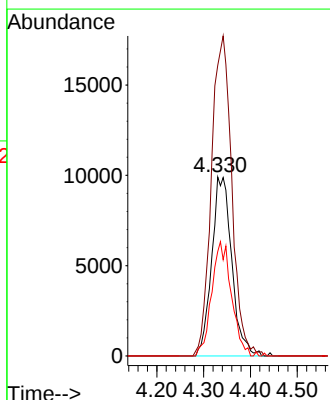
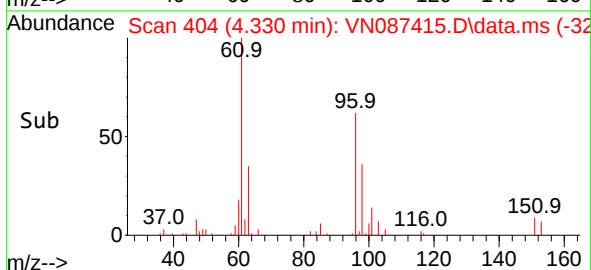
Reviewed By :John Carlone 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025

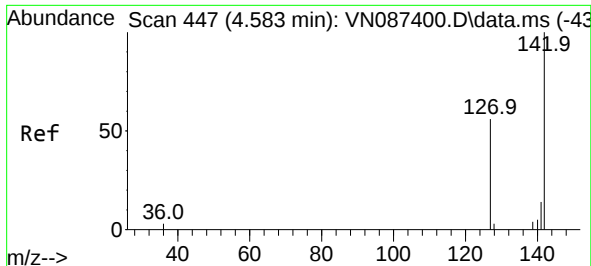


#10
 1,1-Dichloroethene
 Concen: 19.755 ug/l m
 RT: 4.330 min Scan# 404
 Delta R.T. -0.012 min
 Lab File: VN087415.D
 Acq: 24 Jul 2025 13:50



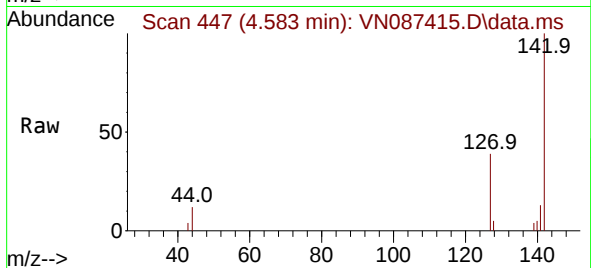
Tgt Ion: 96 Resp: 29572
 Ion Ratio Lower Upper
 96 100
 61 162.2 131.8 197.8
 98 58.3 43.0 64.4





#11
Methyl Iodide
Concen: 13.070 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

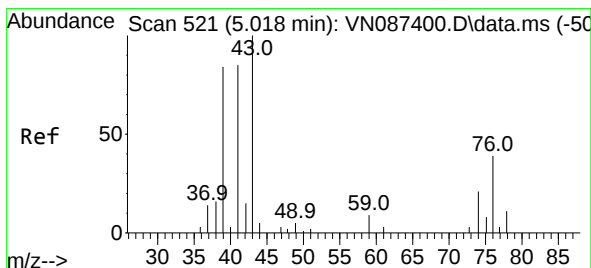
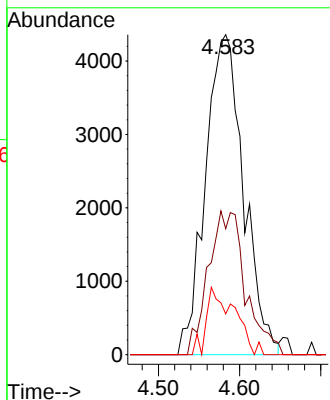
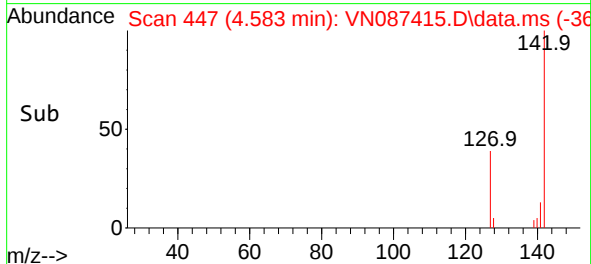
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion:142 Resp: 14272
Ion Ratio Lower Upper
142 100
127 38.1 27.7 83.0
141 13.0 7.2 21.6

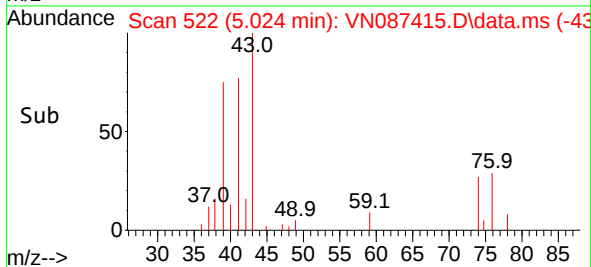
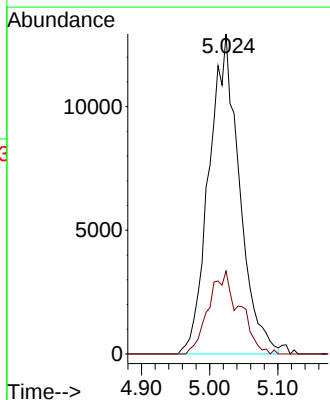
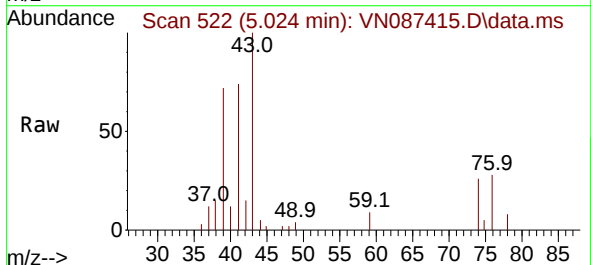
Manual Integrations
APPROVED

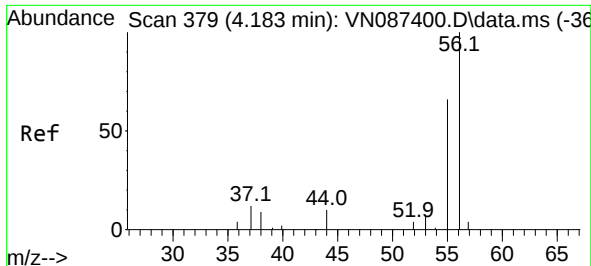
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#12
Methyl Acetate
Concen: 20.598 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Tgt Ion: 43 Resp: 40105
Ion Ratio Lower Upper
43 100
74 26.1 16.9 25.3#





#13

Acrolein

Concen: 113.535 ug/l

RT: 4.171 min Scan# 377

Delta R.T. -0.012 min

Lab File: VN087415.D

Acq: 24 Jul 2025 13:50

Instrument :

MSVOA_N

ClientSampleId :

DSN001MS

Tgt Ion: 56 Resp: 4018

Ion Ratio Lower Upper

56 100

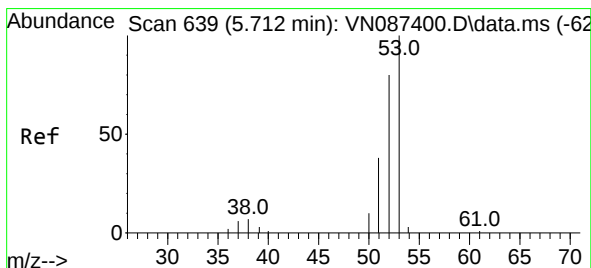
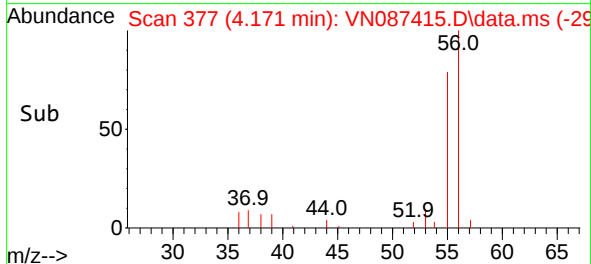
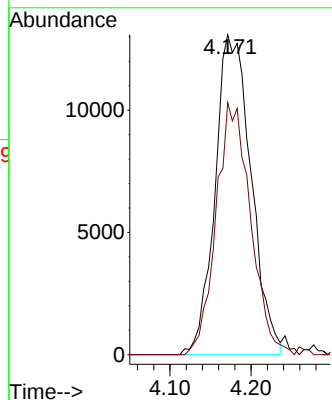
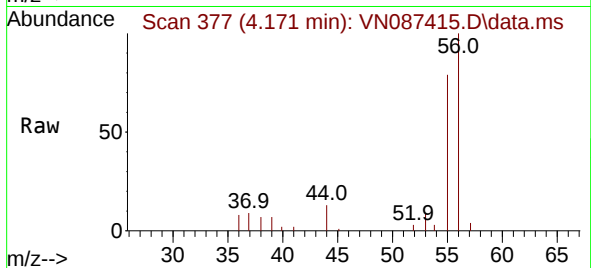
55 75.5 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#14

Acrylonitrile

Concen: 98.128 ug/l

RT: 5.706 min Scan# 638

Delta R.T. -0.006 min

Lab File: VN087415.D

Acq: 24 Jul 2025 13:50

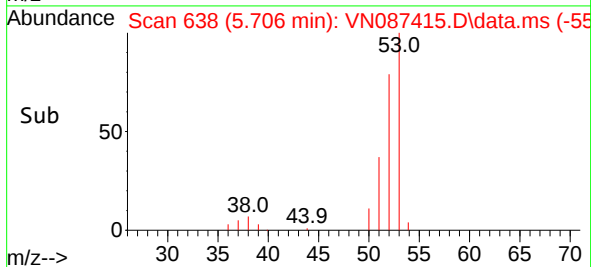
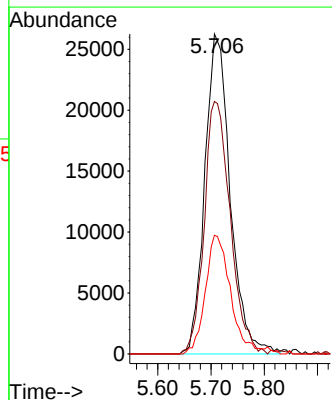
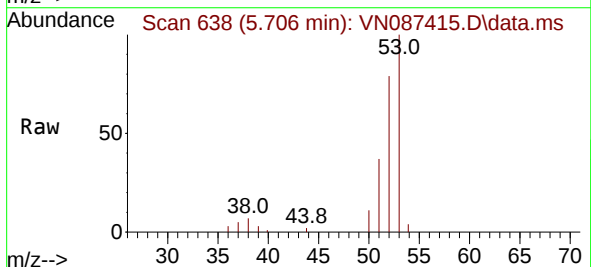
Tgt Ion: 53 Resp: 87253

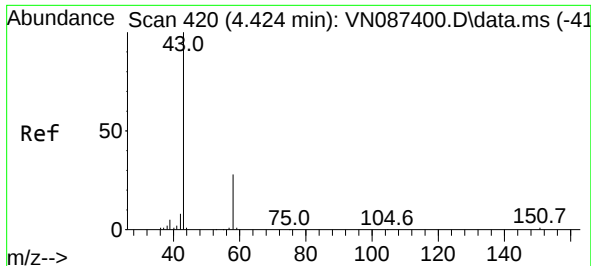
Ion Ratio Lower Upper

53 100

52 80.2 41.5 124.6

51 35.1 19.4 58.4





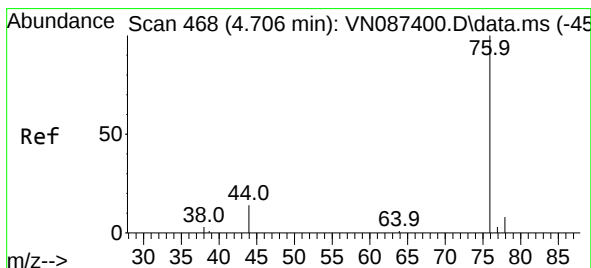
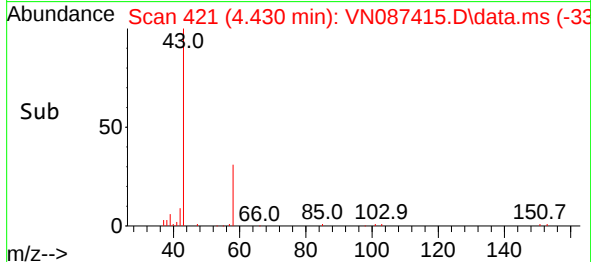
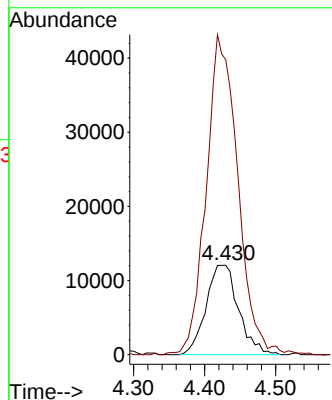
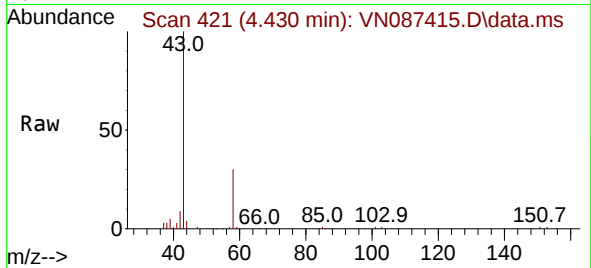
#15
Acetone
Concen: 122.022 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Instrument :
MSVOA_N
ClientSampleId :
DSN001MS

Tgt Ion: 58 Resp: 38300
Ion Ratio Lower Upper
58 100
43 326.2 283.4 425.0

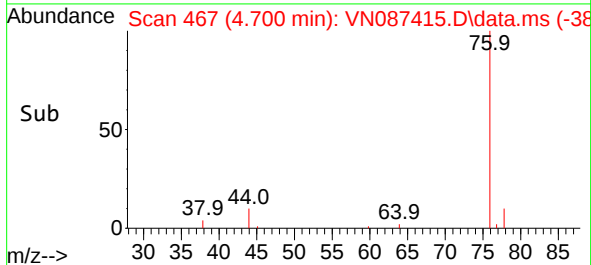
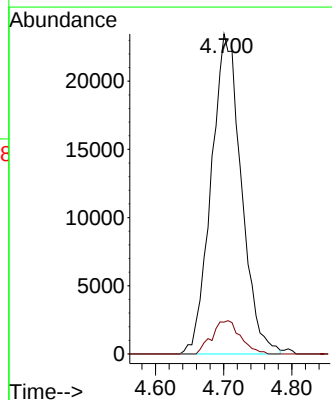
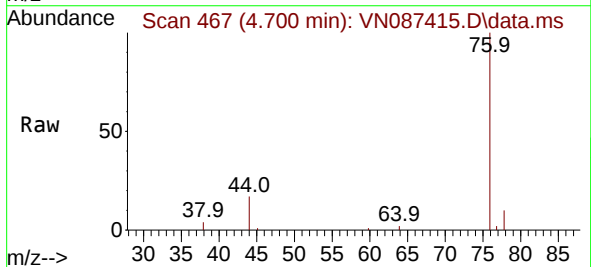
Manual Integrations
APPROVED

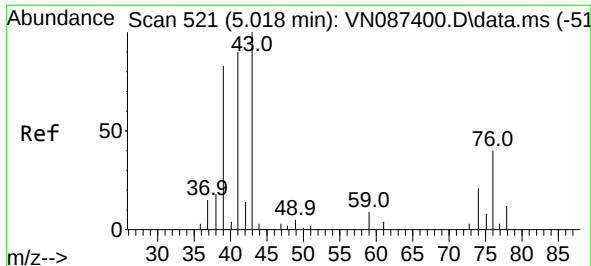
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#16
Carbon Disulfide
Concen: 18.673 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

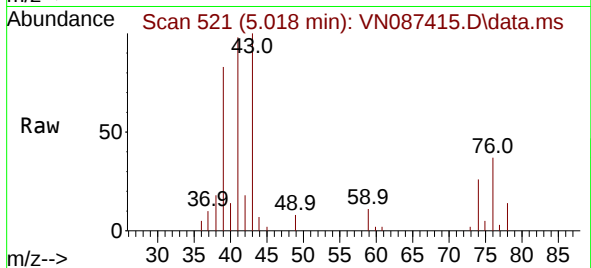
Tgt Ion: 76 Resp: 72188
Ion Ratio Lower Upper
76 100
78 10.0 6.6 10.0#





#17
 Allyl chloride
 Concen: 18.090 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN087415.D
 Acq: 24 Jul 2025 13:50

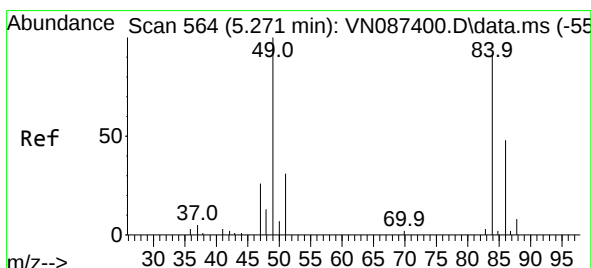
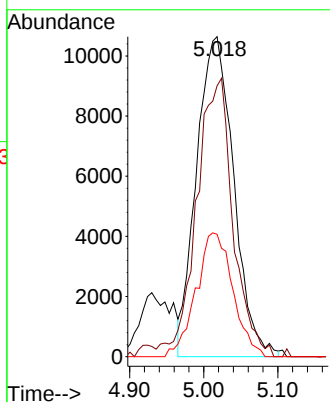
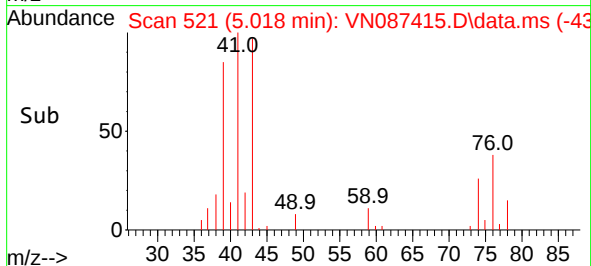
Instrument :
 MSVOA_N
 ClientSampleId :
 DSN001MS



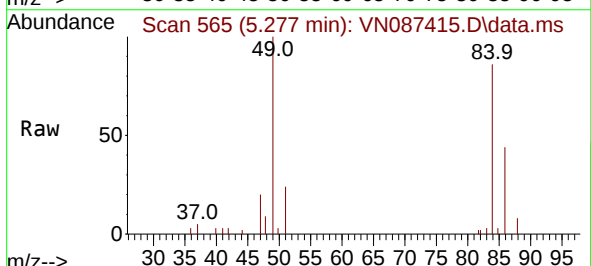
Tgt Ion: 41 Resp: 3709
 Ion Ratio Lower Upper
 41 100
 39 86.1 42.9 128.7
 76 38.9 19.8 59.4

Manual Integrations
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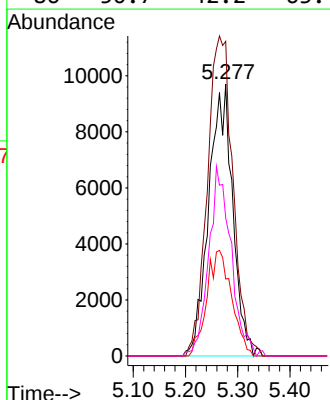
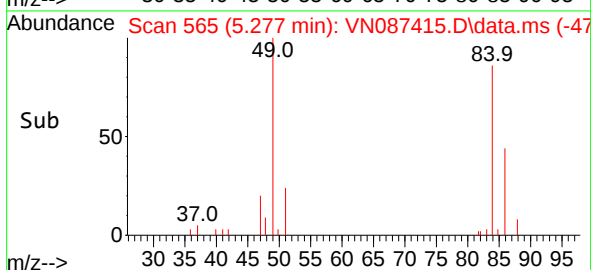
Reviewed By :John Carlone 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025

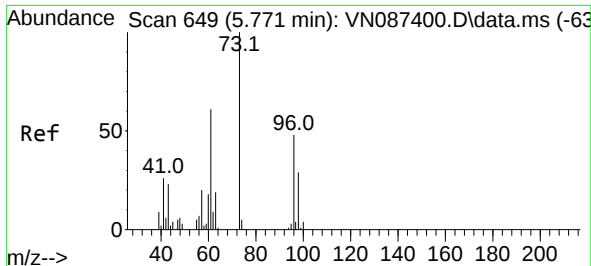


#18
 Methylene Chloride
 Concen: 20.344 ug/l m
 RT: 5.277 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: VN087415.D
 Acq: 24 Jul 2025 13:50



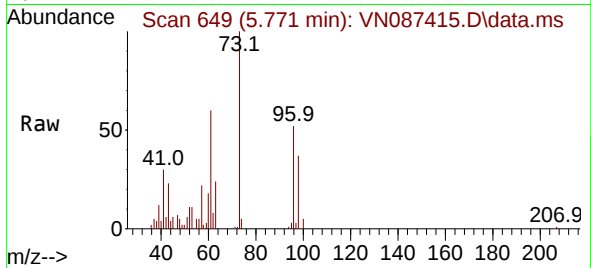
Tgt Ion: 84 Resp: 30820
 Ion Ratio Lower Upper
 84 100
 49 115.7 88.4 132.6
 51 28.3 27.3 40.9
 86 50.7 42.2 63.4





#19
trans-1,2-Dichloroethene
Concen: 19.114 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

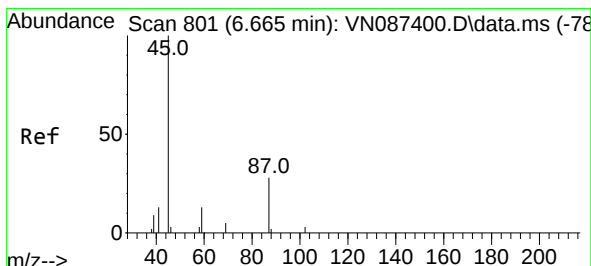
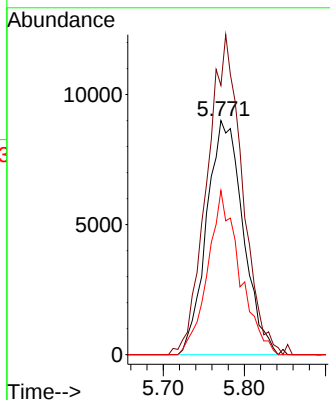
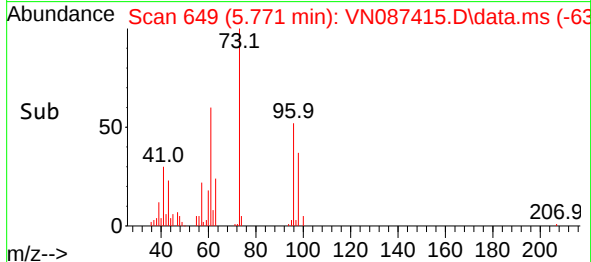
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion: 96 Resp: 28098
Ion Ratio Lower Upper
96 100
61 112.8 101.7 152.5
98 70.1 48.2 72.4

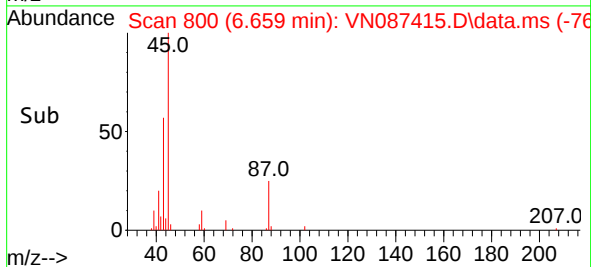
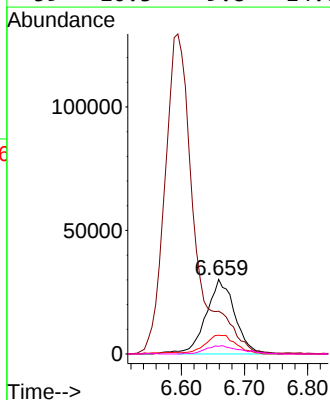
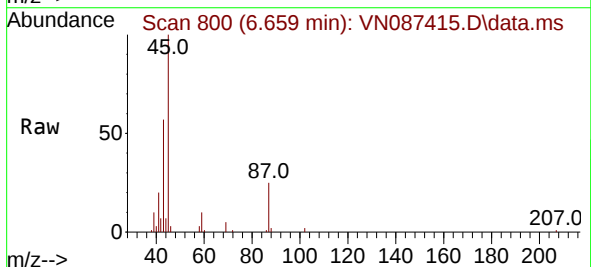
Manual Integrations
APPROVED

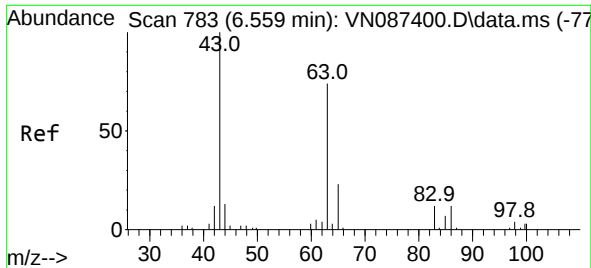
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#20
Diisopropyl ether
Concen: 18.124 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Tgt Ion: 45 Resp: 93978
Ion Ratio Lower Upper
45 100
43 56.1 46.0 69.0
87 25.2 23.4 35.2
59 10.3 9.8 14.6





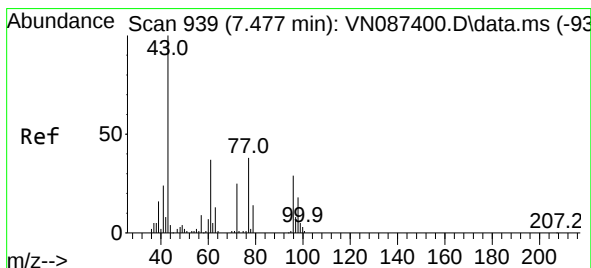
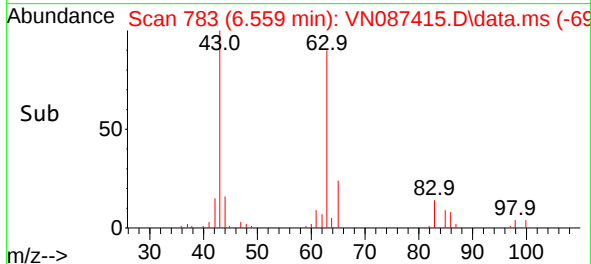
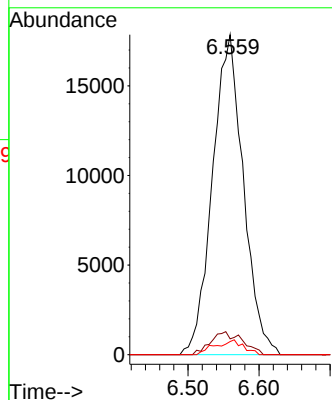
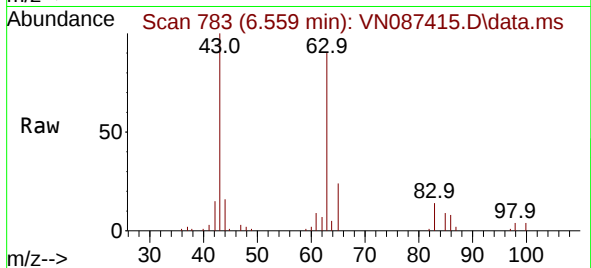
#21
1,1-Dichloroethane
Concen: 19.455 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Instrument :
MSVOA_N
ClientSampleId :
DSN001MS

Tgt Ion: 63 Resp: 5388
Ion Ratio Lower Upper
63 100
98 5.0 2.9 8.6
100 4.1 3.6 10.8

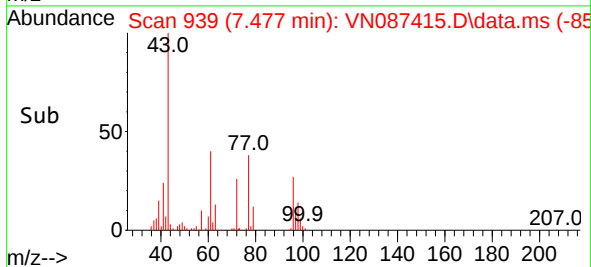
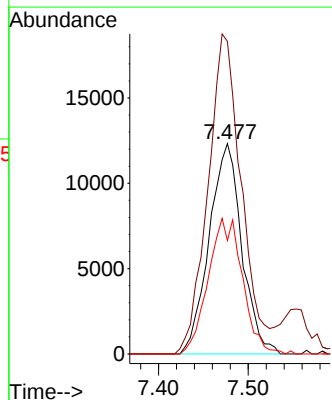
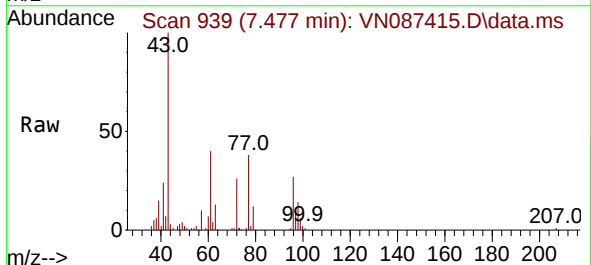
Manual Integrations
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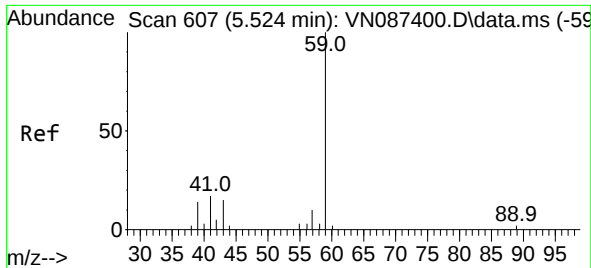
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#22
cis-1,2-Dichloroethene
Concen: 18.091 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Tgt Ion: 96 Resp: 31152
Ion Ratio Lower Upper
96 100
61 155.1 120.4 180.6
98 40.4 54.0 81.0#





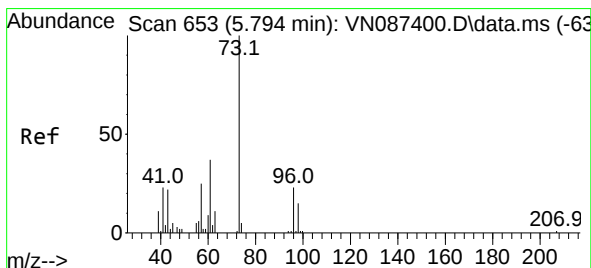
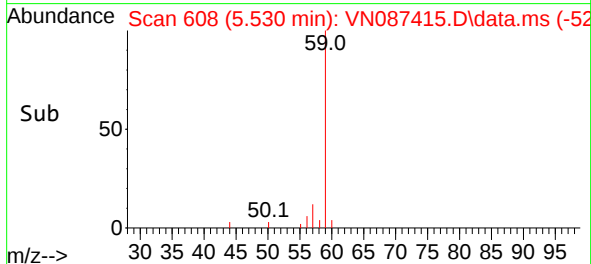
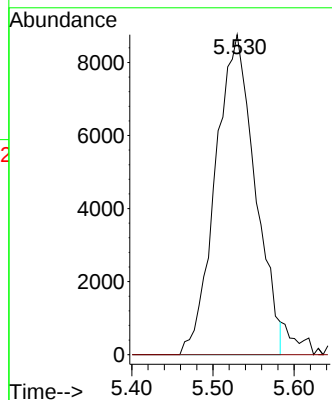
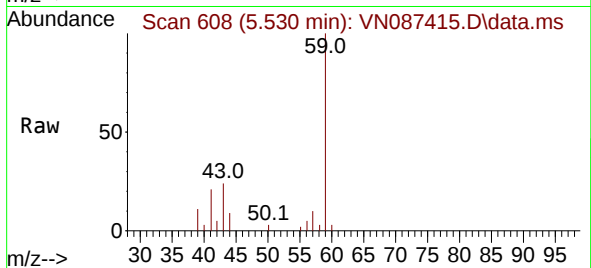
#23
tert-Butyl Alcohol
Concen: 97.765 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Instrument :
MSVOA_N
ClientSampleId :
DSN001MS

Tgt Ion: 59 Resp: 2979
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

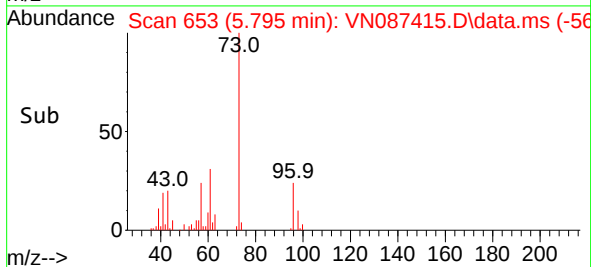
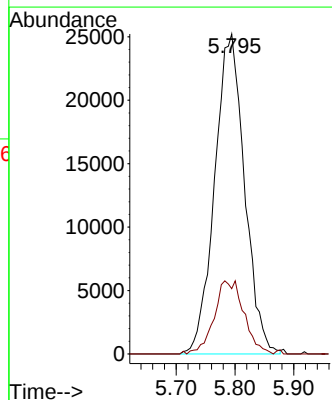
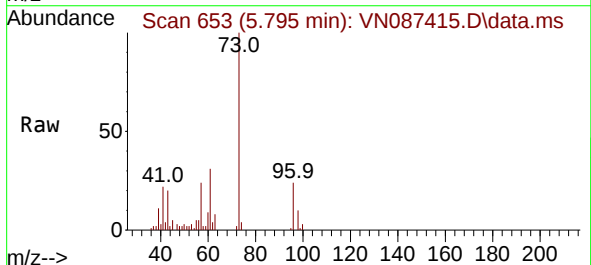
Manual Integrations
APPROVED

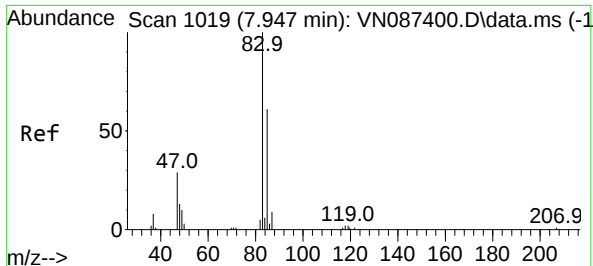
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#24
Methyl tert-Butyl Ether
Concen: 18.416 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

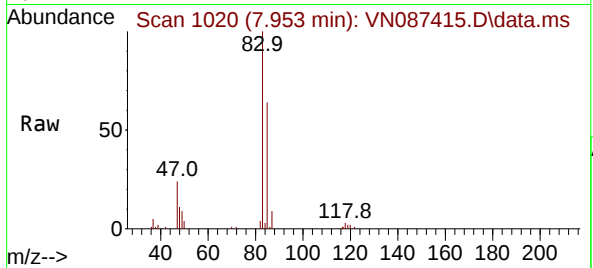
Tgt Ion: 73 Resp: 89085
Ion Ratio Lower Upper
73 100
43 12.3 17.7 26.5#





#25
Chloroform
Concen: 20.764 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

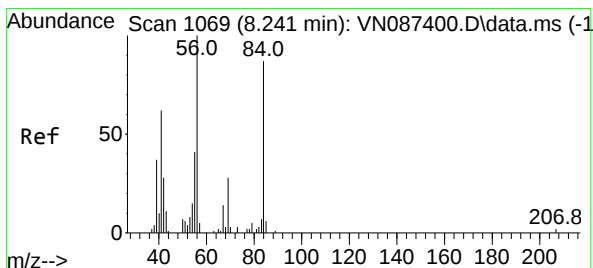
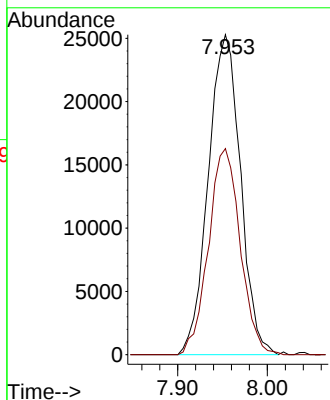
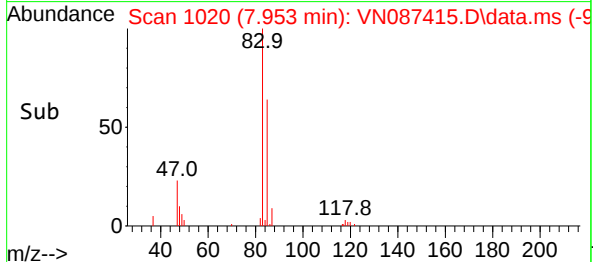
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion: 83 Resp: 62984
Ion Ratio Lower Upper
83 100
85 64.4 48.6 73.0

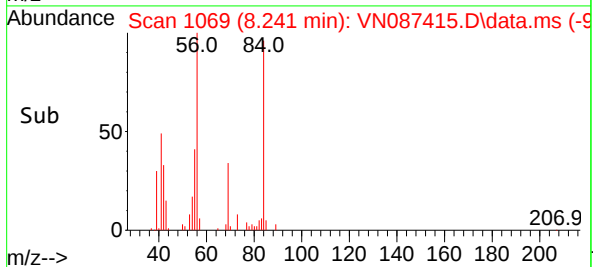
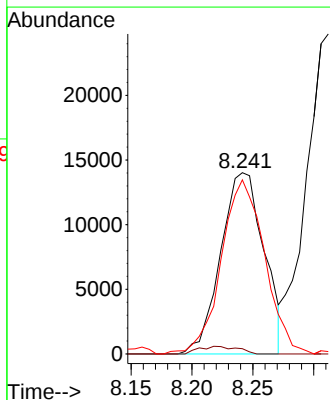
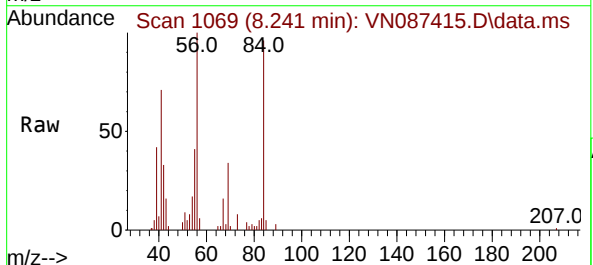
Manual Integrations
APPROVED

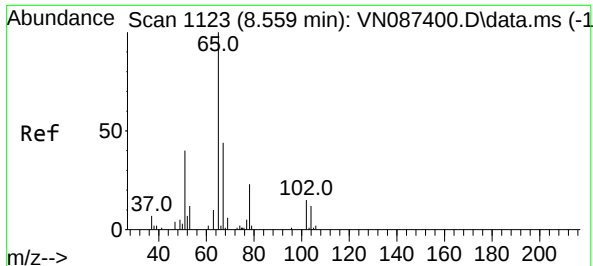
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#26
Cyclohexane
Concen: 16.783 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

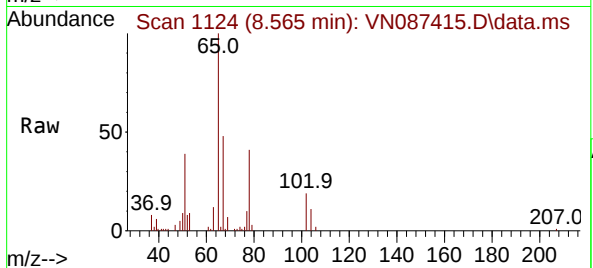
Tgt Ion: 56 Resp: 34652
Ion Ratio Lower Upper
56 100
89 2.7 1.5 2.3#
84 96.0 71.2 106.8





#27
1,2-Dichloroethane-d4
Concen: 31.400 ug/l
RT: 8.565 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

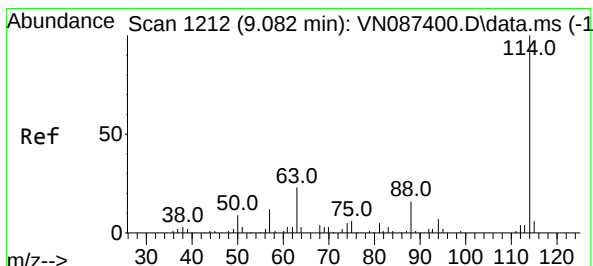
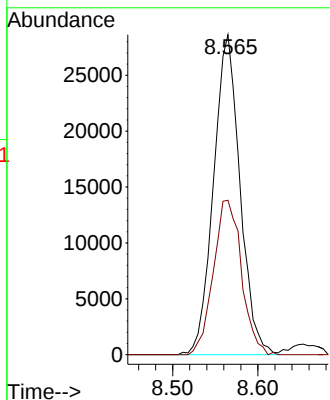
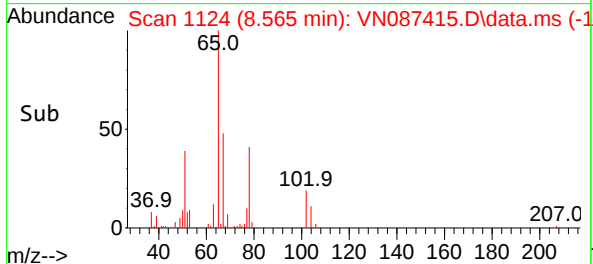
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



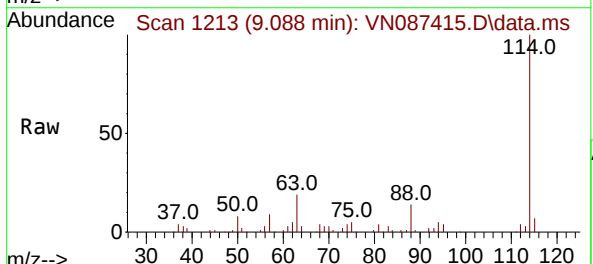
Tgt Ion: 65 Resp: 6185
Ion Ratio Lower Upper
65 100
67 51.1 40.2 60.4

Manual Integrations
APPROVED

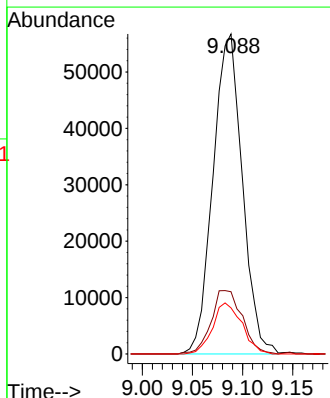
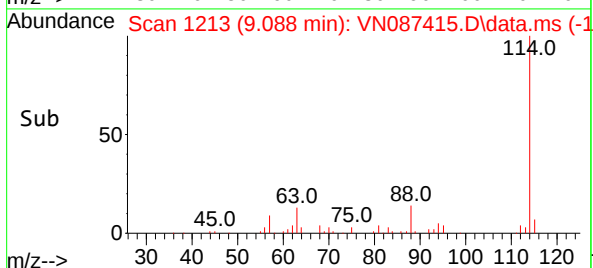
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

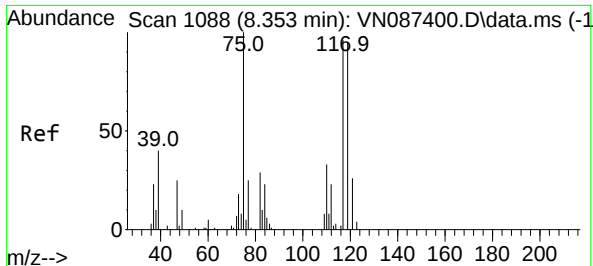


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.088 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50



Tgt Ion:114 Resp: 115345
Ion Ratio Lower Upper
114 100
63 21.0 16.8 25.2
88 15.9 12.5 18.7





#29

1,1-Dichloropropene

Concen: 17.829 ug/l

RT: 8.353 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087415.D

Acq: 24 Jul 2025 13:50

Instrument :

MSVOA_N

ClientSampleId :

DSN001MS

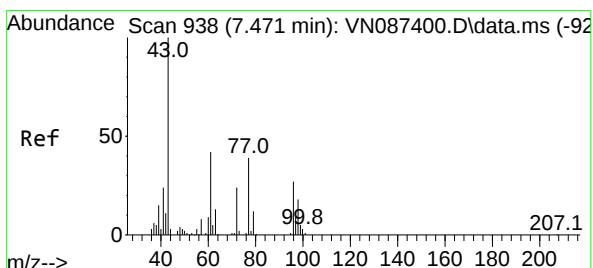
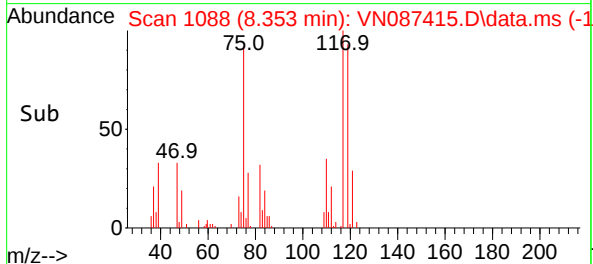
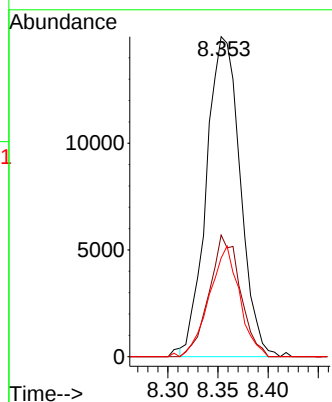
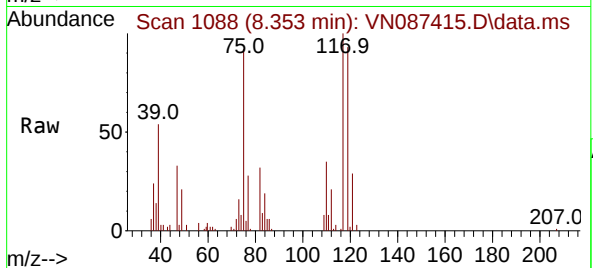
Tgt Ion:	75	Resp:	3508
Ion Ratio	Lower	Upper	
75	100		
110	34.8	0.0	66.4
77	30.8	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#30

2-Butanone

Concen: 96.397 ug/l

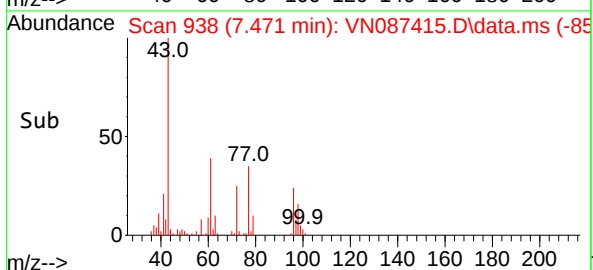
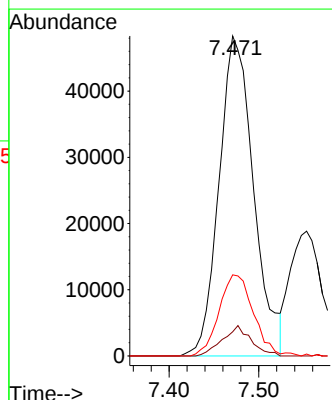
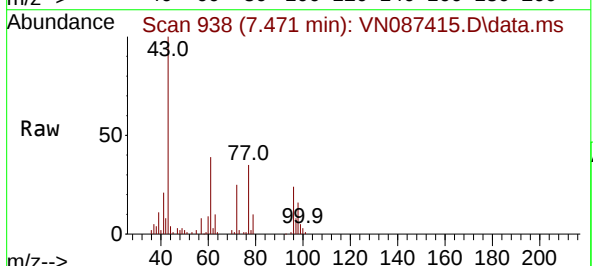
RT: 7.471 min Scan# 938

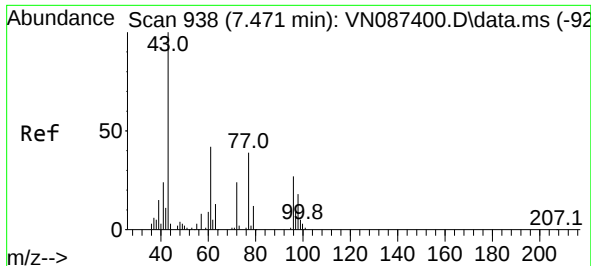
Delta R.T. 0.000 min

Lab File: VN087415.D

Acq: 24 Jul 2025 13:50

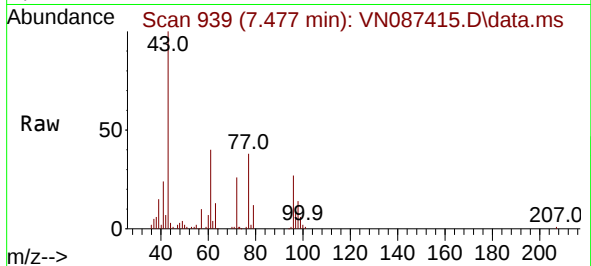
Tgt Ion:	43	Resp:	129193
Ion Ratio	Lower	Upper	
43	100		
57	7.9	6.6	9.8
72	24.9	20.6	30.8





#31
2,2-Dichloropropane
Concen: 18.554 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

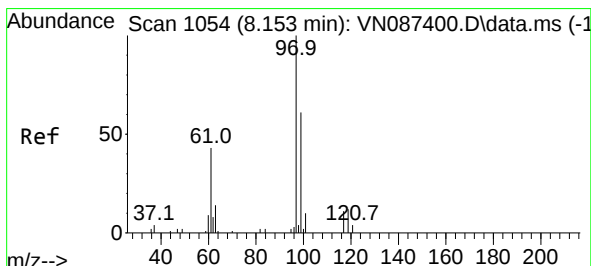
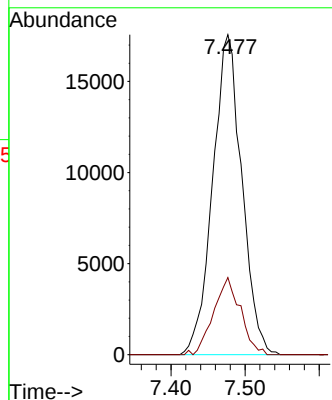
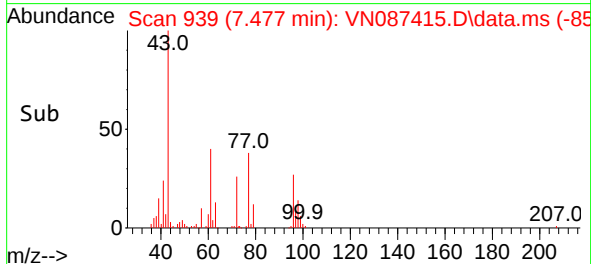
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion: 77 Resp: 47952
Ion Ratio Lower Upper
77 100
97 22.1 17.1 25.7

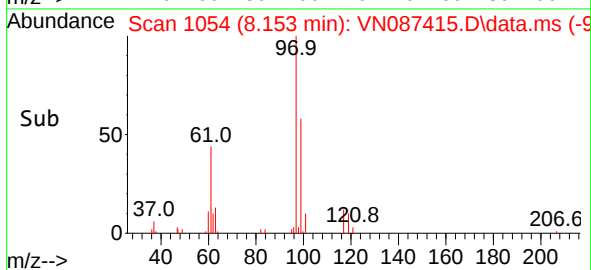
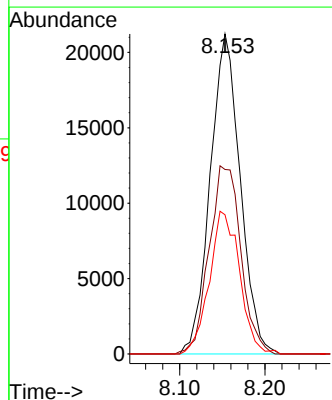
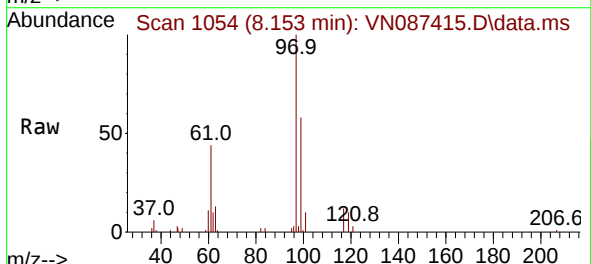
Manual Integrations
APPROVED

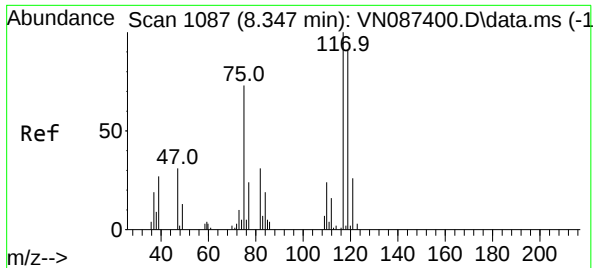
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#32
1,1,1-Trichloroethane
Concen: 20.150 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

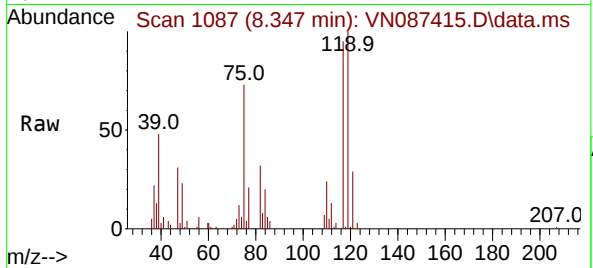
Tgt Ion: 97 Resp: 51899
Ion Ratio Lower Upper
97 100
99 62.2 51.0 76.6
61 44.7 36.1 54.1





#33
Carbon Tetrachloride
Concen: 19.170 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

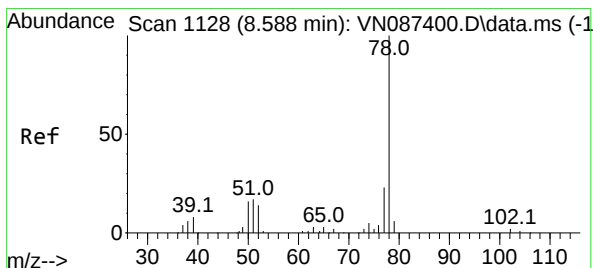
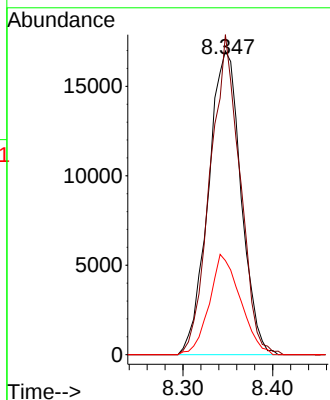
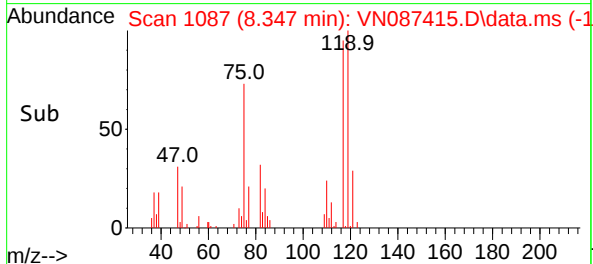
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion: 117 Resp: 4289
Ion Ratio Lower Upper
117 100
119 105.4 72.7 109.1
121 31.0 21.1 31.7

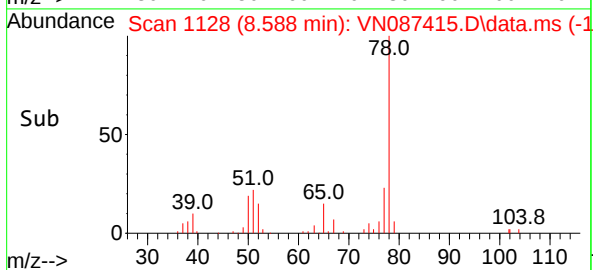
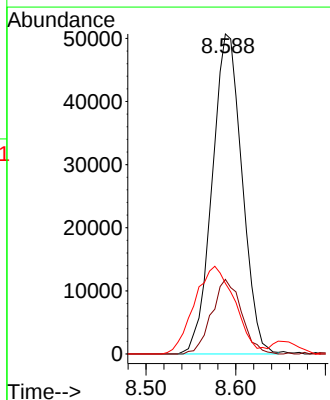
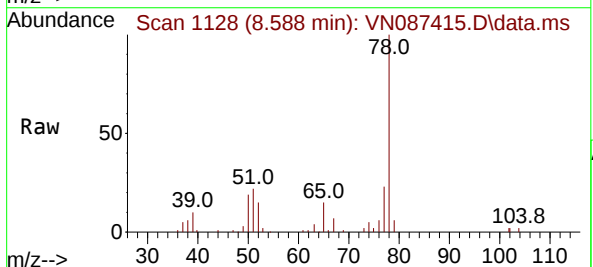
Manual Integrations
APPROVED

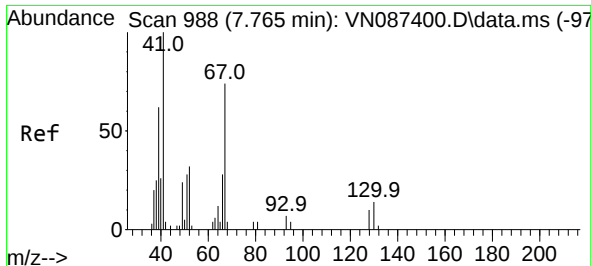
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#34
Benzene
Concen: 18.431 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

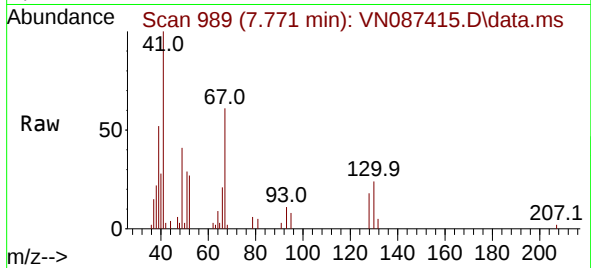
Tgt Ion: 78 Resp: 117145
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.2
51 18.4 13.8 20.8





#35
Methacrylonitrile
Concen: 17.995 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

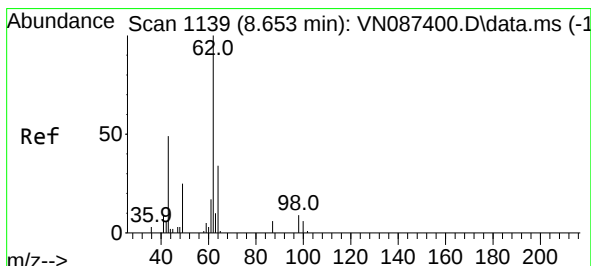
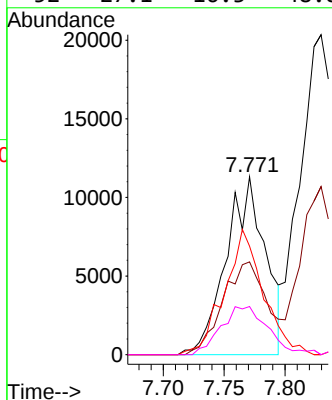
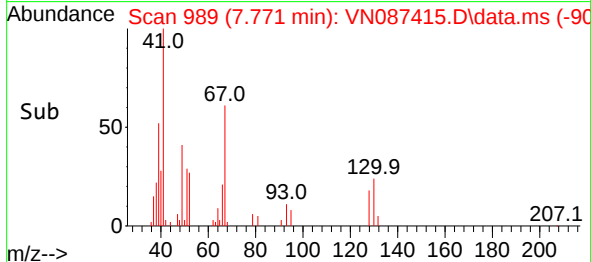
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion: 41 Resp: 2536
Ion Ratio Lower Upper
41 100
39 52.1 31.0 93.0
67 61.0 36.8 110.3
52 27.1 16.3 48.8

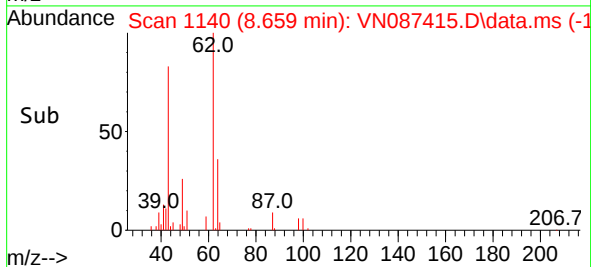
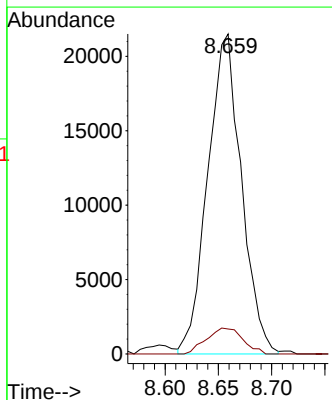
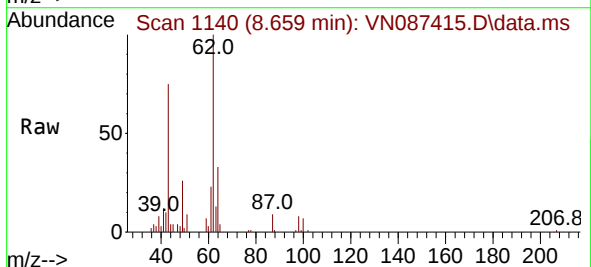
Manual Integrations
APPROVED

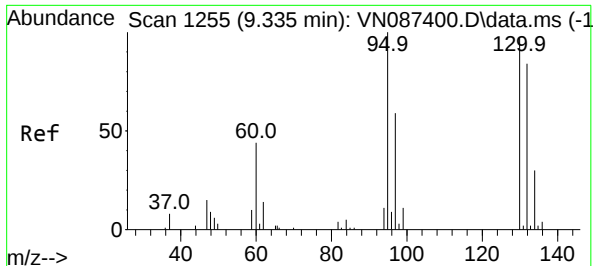
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#36
1,2-Dichloroethane
Concen: 18.819 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Tgt Ion: 62 Resp: 47186
Ion Ratio Lower Upper
62 100
98 8.8 6.6 9.8





#37

Trichloroethene

Concen: 18.906 ug/l

RT: 9.330 min Scan# 1255

Delta R.T. -0.006 min

Lab File: VN087415.D

Acq: 24 Jul 2025 13:50

Instrument :

MSVOA_N

ClientSampleId :

DSN001MS

Tgt Ion:130 Resp: 2742

Ion Ratio Lower Upper

130 100

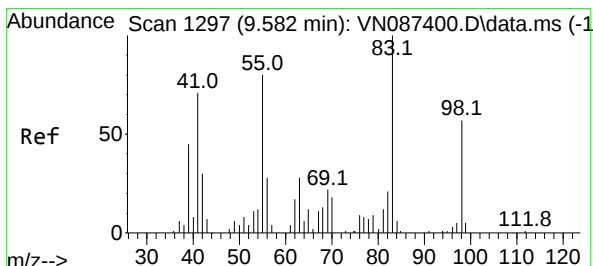
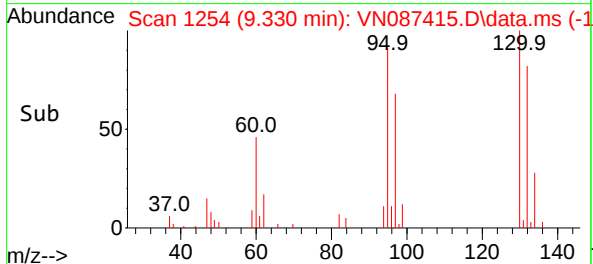
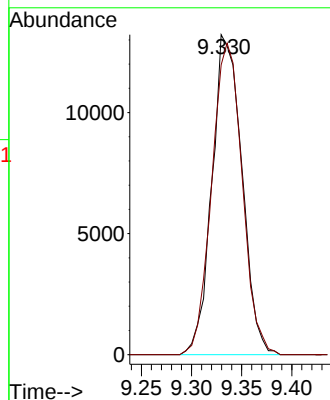
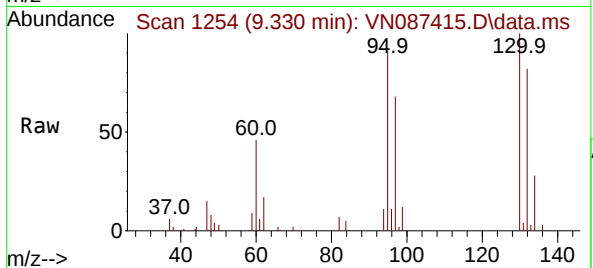
95 90.6 82.4 123.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#38

Methylcyclohexane

Concen: 16.781 ug/l

RT: 9.588 min Scan# 1298

Delta R.T. 0.006 min

Lab File: VN087415.D

Acq: 24 Jul 2025 13:50

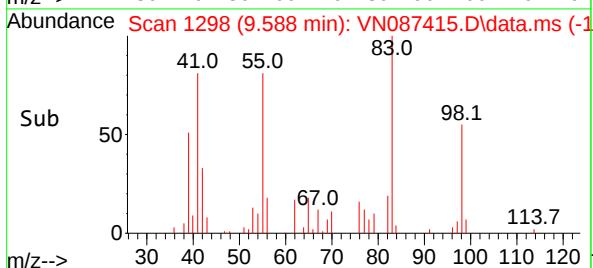
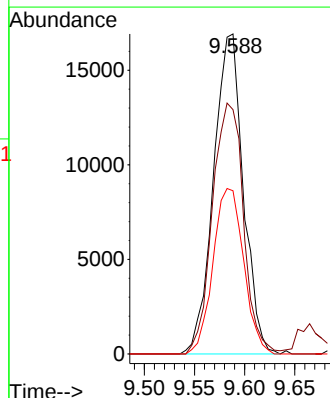
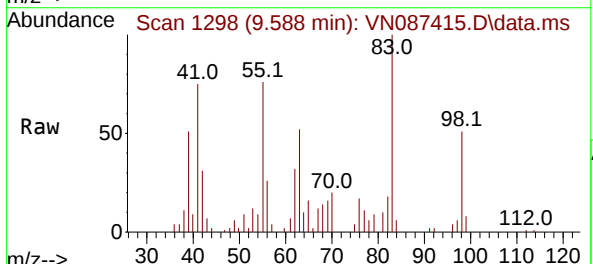
Tgt Ion: 83 Resp: 34910

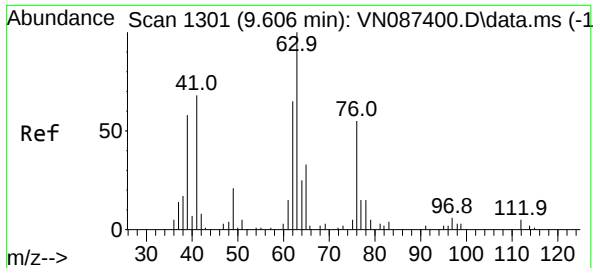
Ion Ratio Lower Upper

83 100

55 81.9 40.9 122.8

98 53.2 25.6 76.6





#39

1,2-Dichloropropane

Concen: 19.128 ug/l

RT: 9.612 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087415.D

Acq: 24 Jul 2025 13:50

Instrument :

MSVOA_N

ClientSampleId :

DSN001MS

Tgt Ion: 63 Resp: 3054

Ion Ratio Lower Upper

63 100

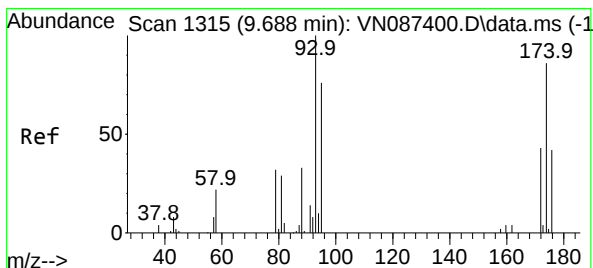
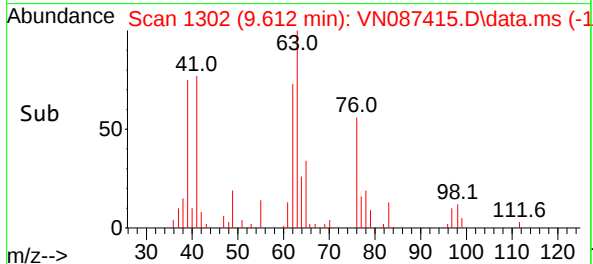
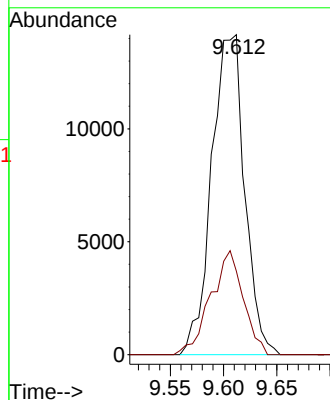
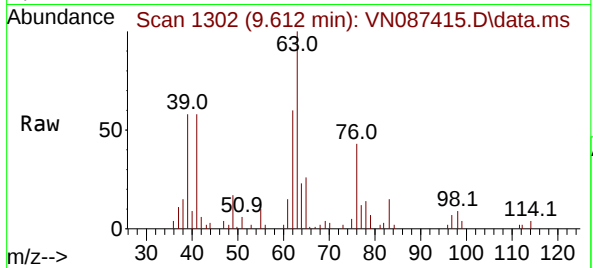
65 27.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#40

Dibromomethane

Concen: 19.515 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087415.D

Acq: 24 Jul 2025 13:50

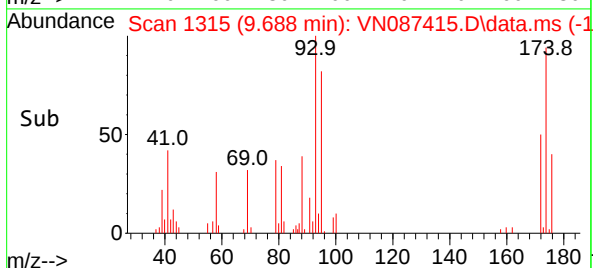
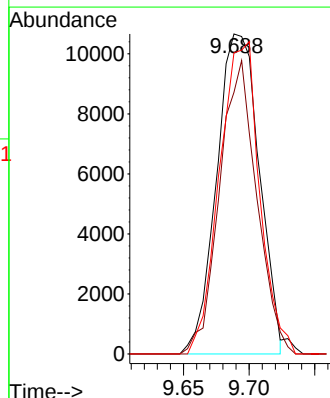
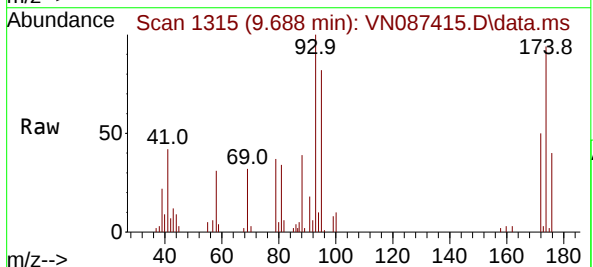
Tgt Ion: 93 Resp: 24108

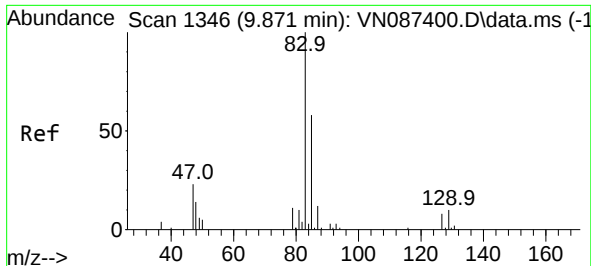
Ion Ratio Lower Upper

93 100

95 80.1 0.0 161.8

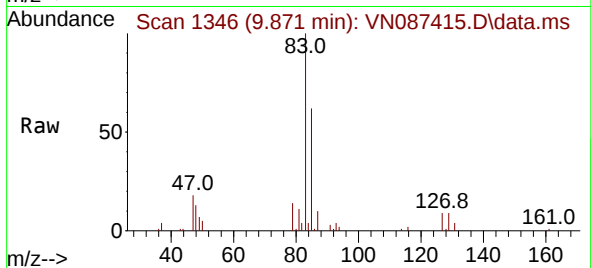
174 91.8 0.0 177.6





#41
Bromodichloromethane
Concen: 20.104 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

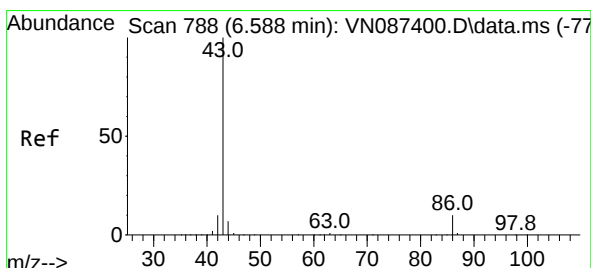
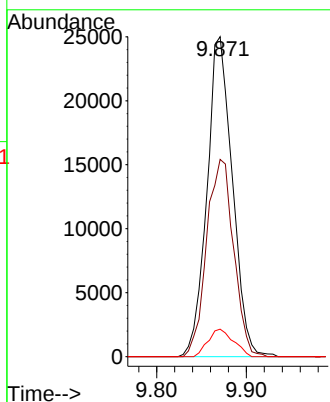
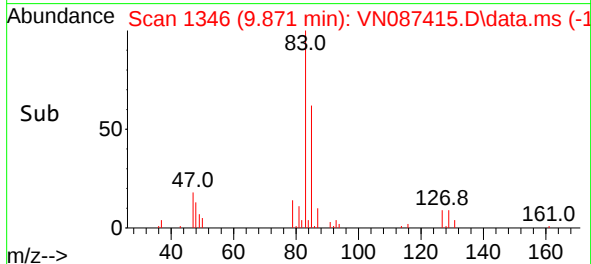
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion: 83 Resp: 49310
Ion Ratio Lower Upper
83 100
85 61.7 46.2 69.2
127 8.6 6.1 9.1

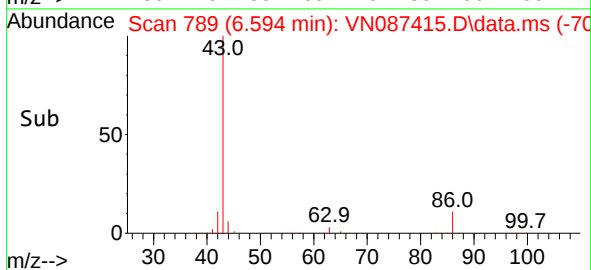
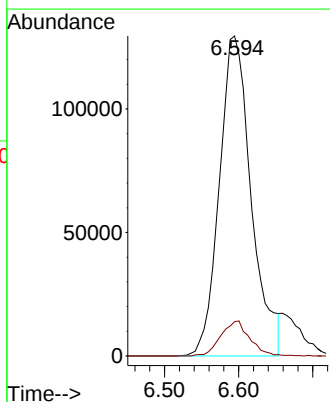
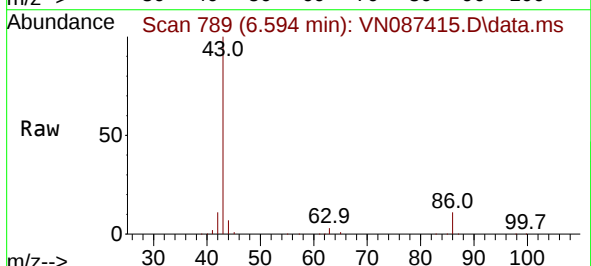
Manual Integrations
APPROVED

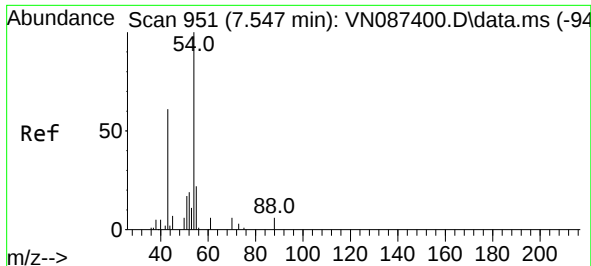
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#42
Vinyl Acetate
Concen: 85.331 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

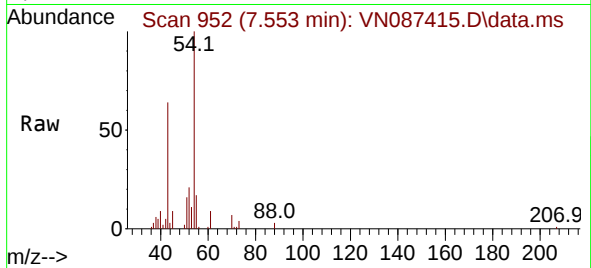
Tgt Ion: 43 Resp: 387404
Ion Ratio Lower Upper
43 100
86 9.8 8.1 12.1





#43
Ethyl Acetate
Concen: 17.927 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

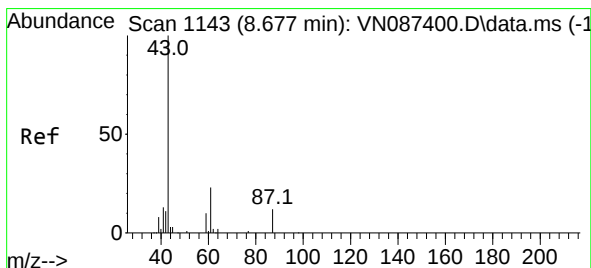
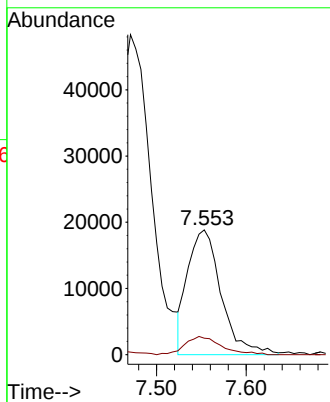
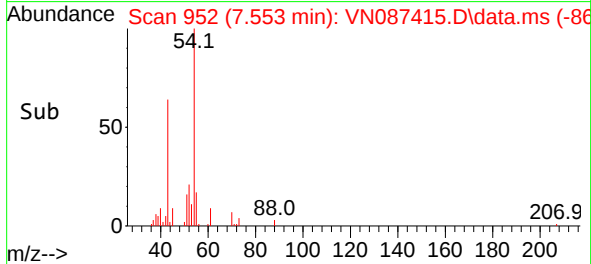
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion: 43 Resp: 48912
Ion Ratio Lower Upper
43 100
45 15.2 5.6 8.4

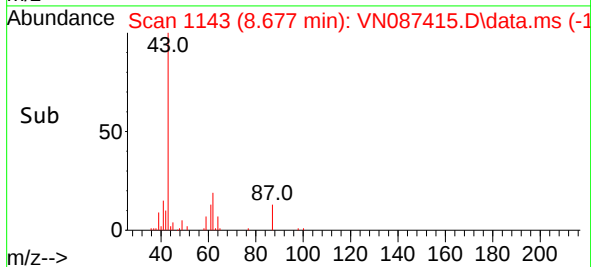
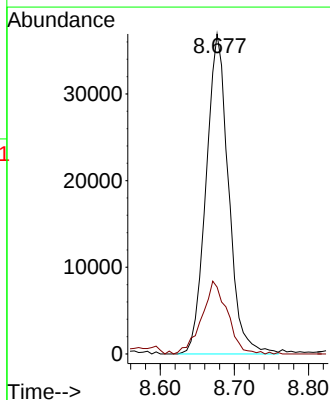
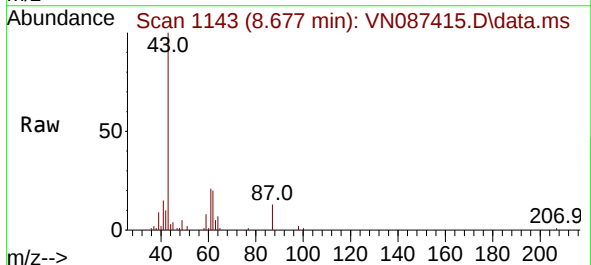
Manual Integrations
APPROVED

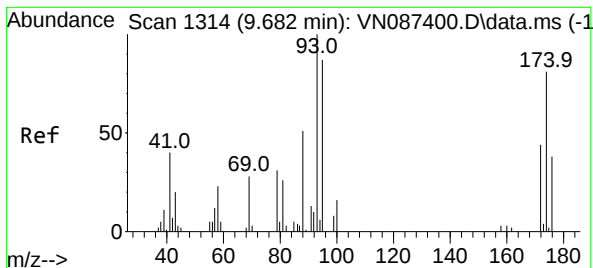
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#44
Isopropyl Acetate
Concen: 18.054 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Tgt Ion: 43 Resp: 77765
Ion Ratio Lower Upper
43 100
61 25.8 20.1 30.1





#45

1,4-Dioxane

Concen: 372.033 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087415.D

Acq: 24 Jul 2025 13:50

Instrument :

MSVOA_N

ClientSampleId :

DSN001MS

Tgt Ion: 88 Resp: 987

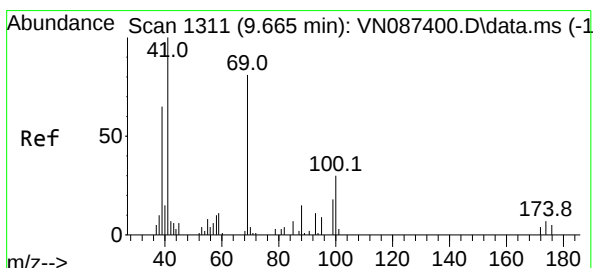
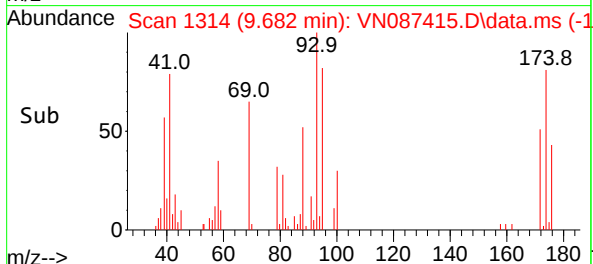
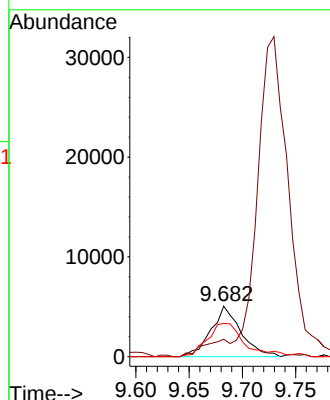
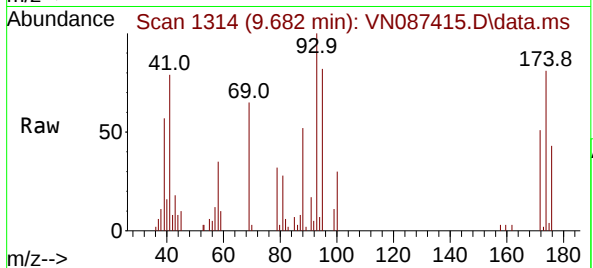
Ion	Ratio	Lower	Upper
88	100		
43	31.3	29.6	44.4
58	76.7	23.5	35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#46

Methyl methacrylate

Concen: 17.785 ug/l

RT: 9.671 min Scan# 1312

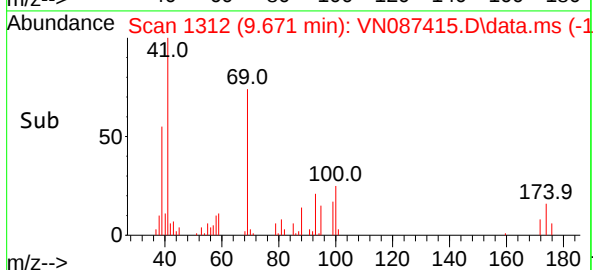
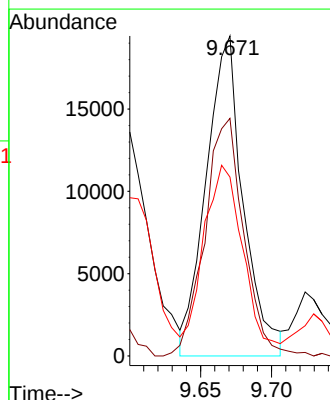
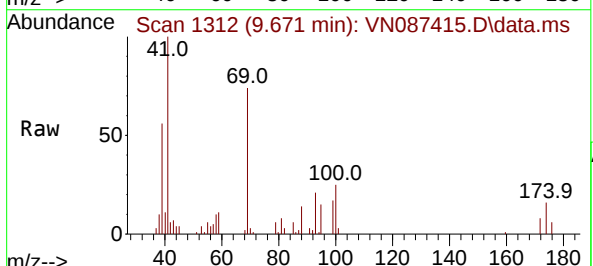
Delta R.T. 0.006 min

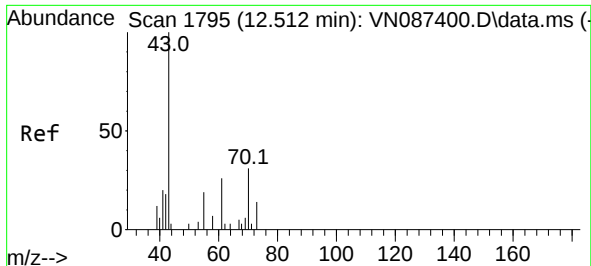
Lab File: VN087415.D

Acq: 24 Jul 2025 13:50

Tgt Ion: 41 Resp: 35278

Ion	Ratio	Lower	Upper
41	100		
69	78.1	39.5	118.5
39	56.4	31.6	94.7





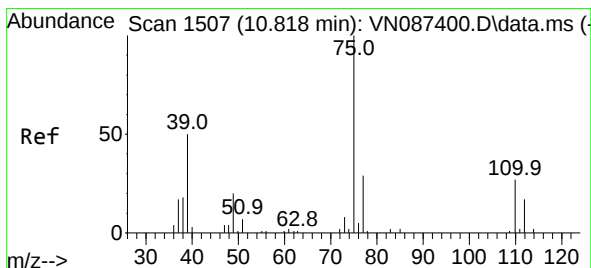
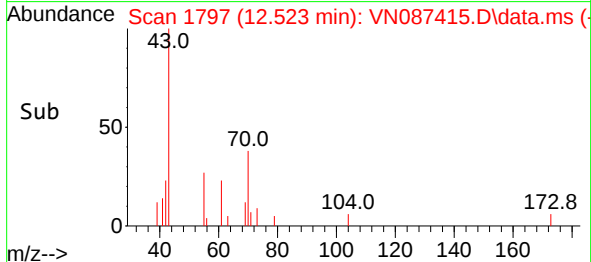
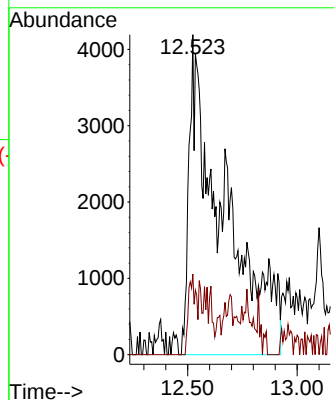
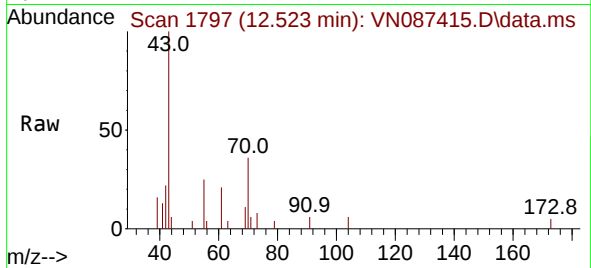
#47
n-amy1 Acetate
Concen: 17.499 ug/l m
RT: 12.523 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Instrument :
MSVOA_N
ClientSampleId :
DSN001MS

Tgt Ion: 43 Resp: 45169
Ion Ratio Lower Upper
43 100
55 2.7 0.6 0.8

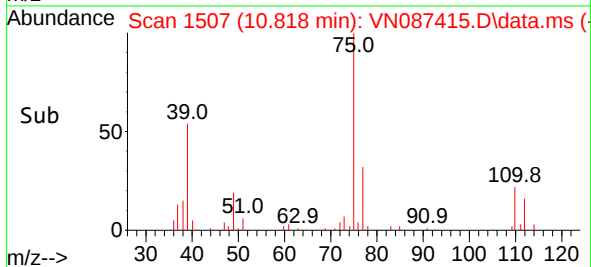
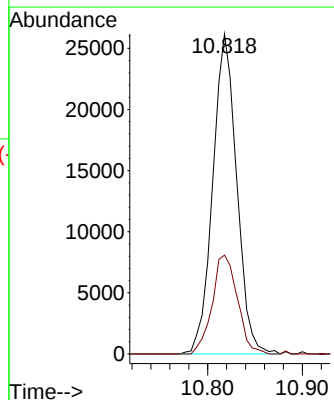
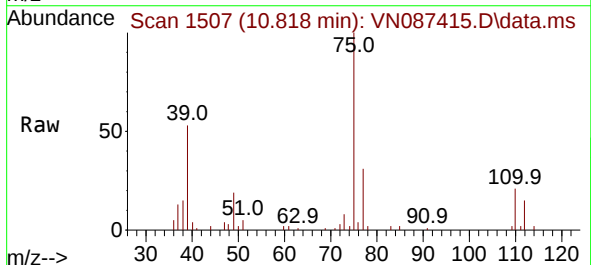
Manual Integrations
APPROVED

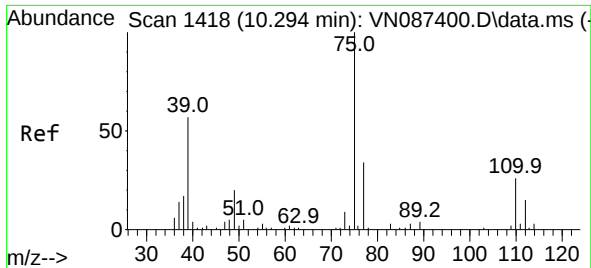
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#48
t-1,3-Dichloropropene
Concen: 17.561 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

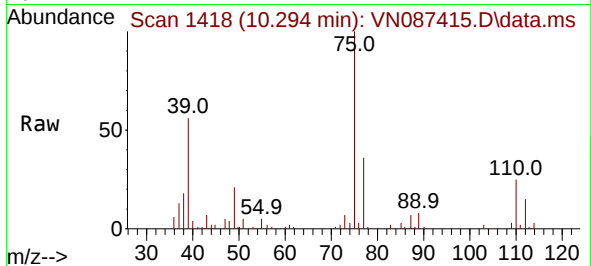
Tgt Ion: 75 Resp: 45950
Ion Ratio Lower Upper
75 100
77 30.9 23.6 35.4





#49
 cis-1,3-Dichloropropene
 Concen: 18.551 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087415.D
 Acq: 24 Jul 2025 13:50

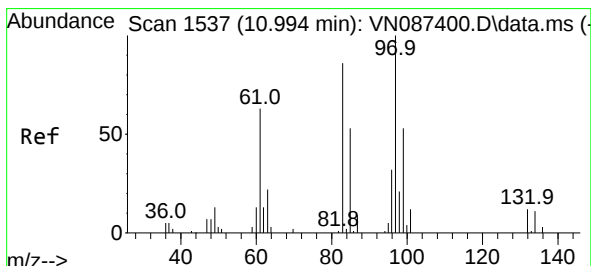
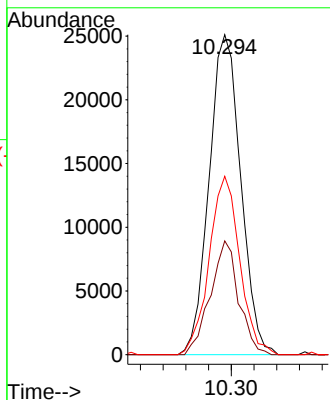
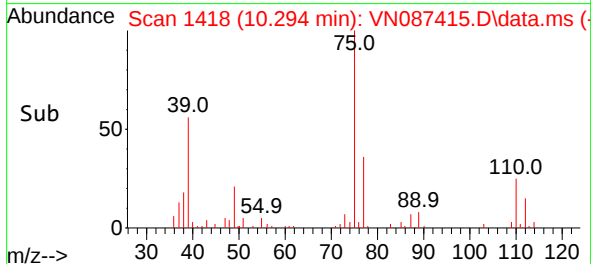
Instrument :
 MSVOA_N
 ClientSampleId :
 DSN001MS



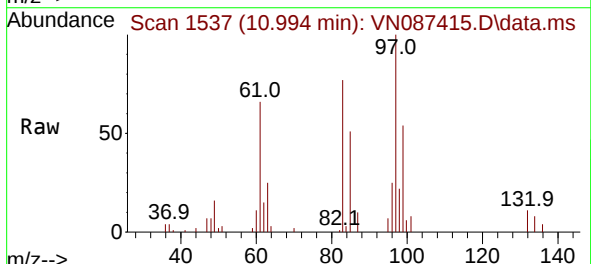
Tgt Ion: 75 Resp: 4854
 Ion Ratio Lower Upper
 75 100
 77 35.6 27.4 41.0
 39 55.7 46.3 69.5

Manual Integrations
 APPROVED

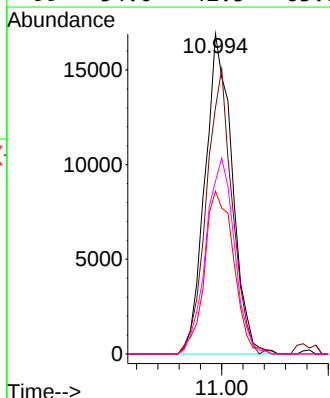
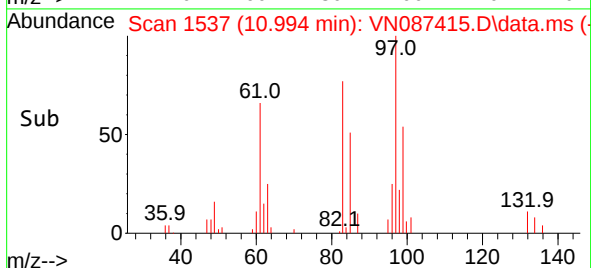
Reviewed By :John Carlone 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025

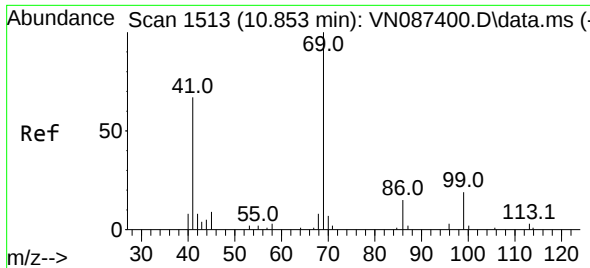


#50
 1,1,2-Trichloroethane
 Concen: 18.842 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087415.D
 Acq: 24 Jul 2025 13:50



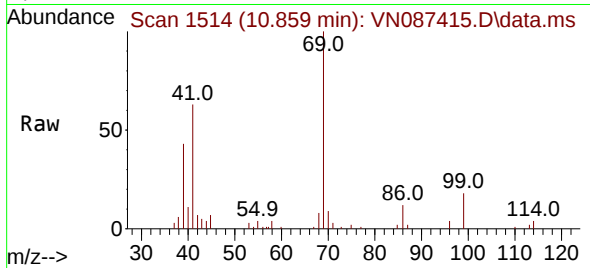
Tgt Ion: 97 Resp: 30062
 Ion Ratio Lower Upper
 97 100
 83 77.0 68.9 103.3
 85 50.9 42.2 63.2
 99 54.0 42.5 63.7





#51
Ethyl methacrylate
Concen: 17.070 ug/l
RT: 10.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

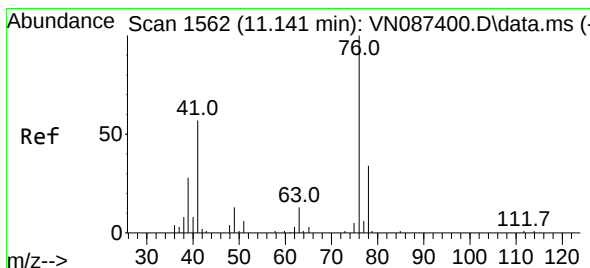
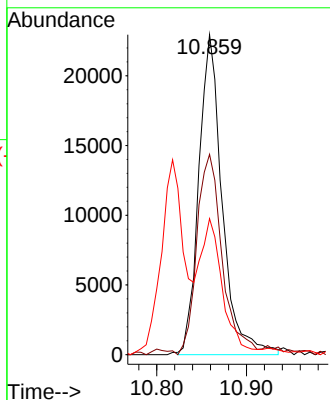
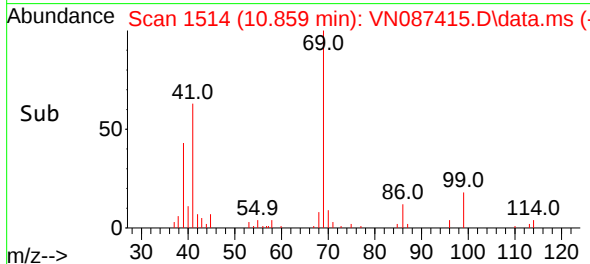
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion: 69 Resp: 41648
Ion Ratio Lower Upper
69 100
41 63.1 33.7 101.1
39 41.4 21.6 65.0

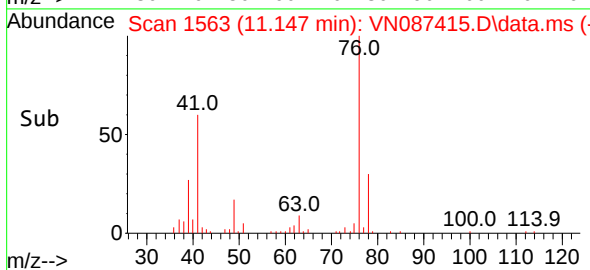
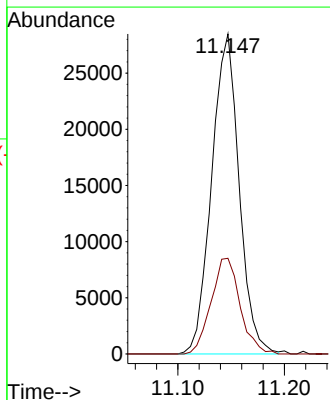
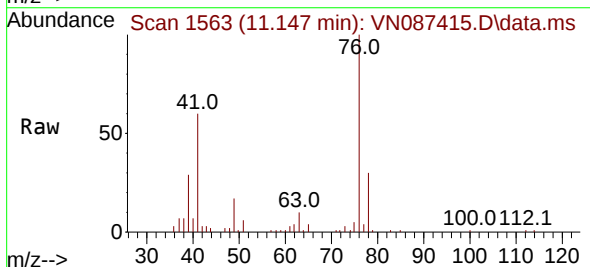
Manual Integrations
APPROVED

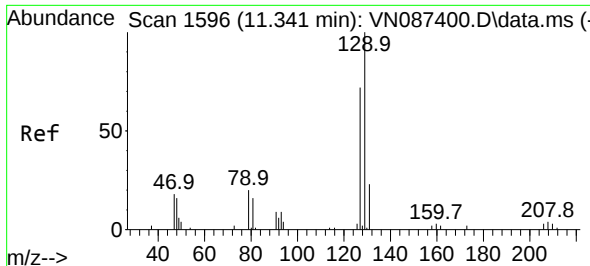
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#52
1,3-Dichloropropane
Concen: 18.594 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

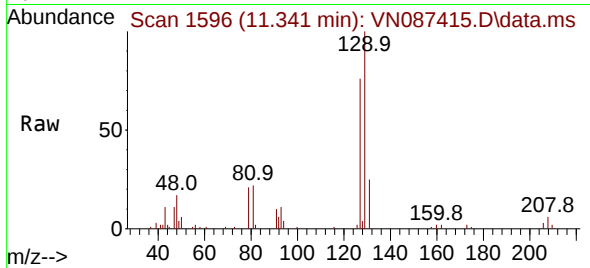
Tgt Ion: 76 Resp: 51006
Ion Ratio Lower Upper
76 100
78 31.5 0.0 67.4





#53
Dibromochloromethane
Concen: 20.758 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

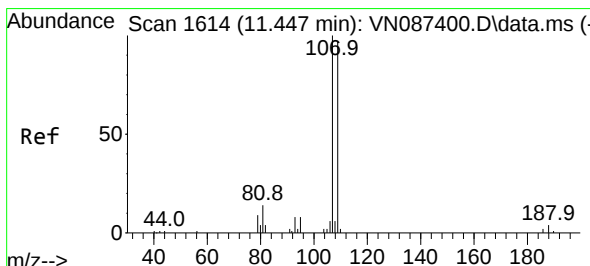
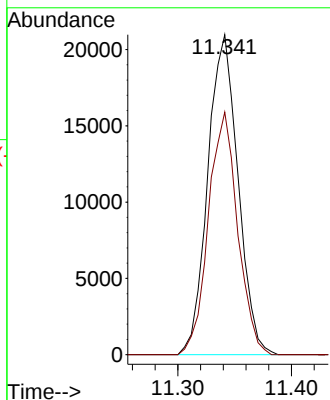
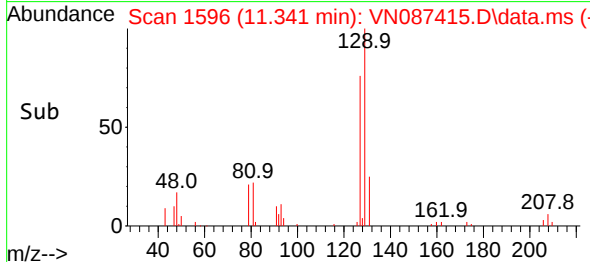
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



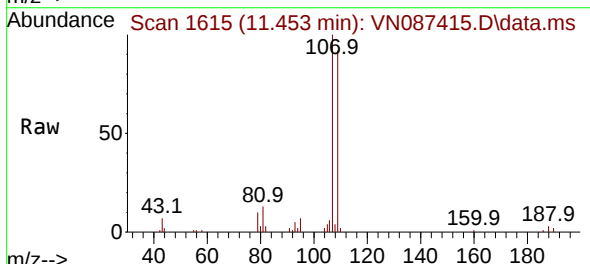
Tgt Ion:129 Resp: 3881
Ion Ratio Lower Upper
129 100
127 73.3 38.7 116.1

Manual Integrations
APPROVED

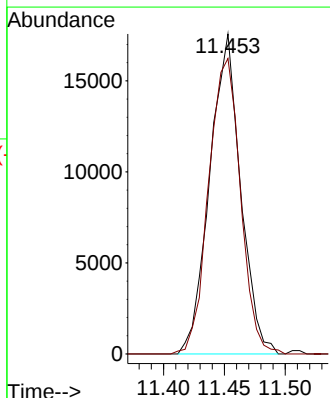
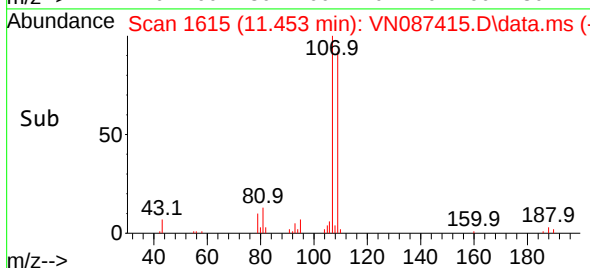
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

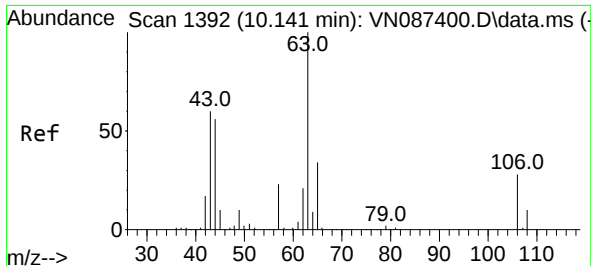


#54
1,2-Dibromoethane
Concen: 18.959 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50



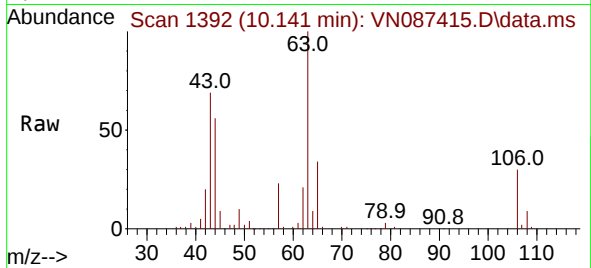
Tgt Ion:107 Resp: 31004
Ion Ratio Lower Upper
107 100
109 95.2 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 101.325 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

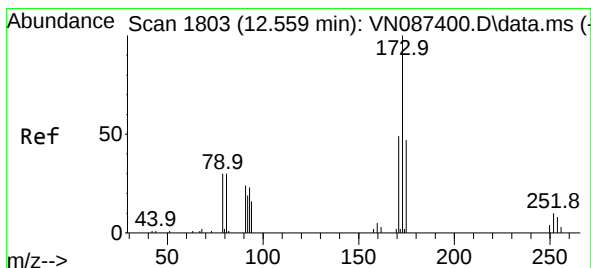
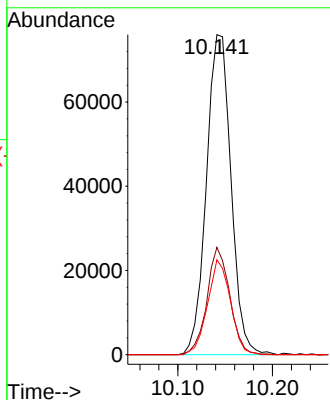
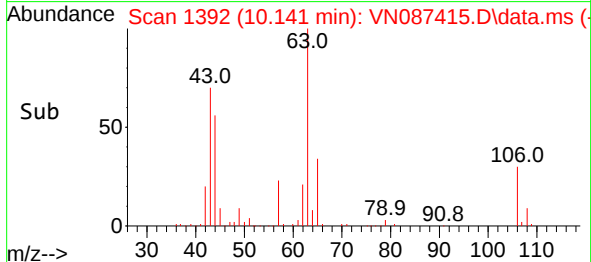
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion: 63 Resp: 137524
Ion Ratio Lower Upper
63 100
65 31.0 25.8 38.8
106 27.6 23.0 34.4

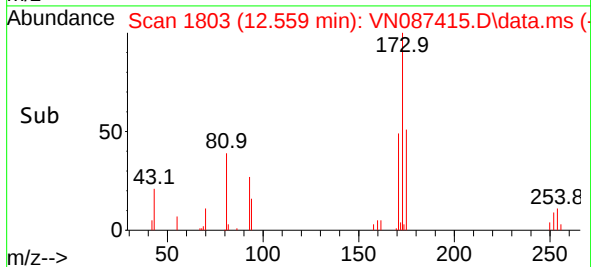
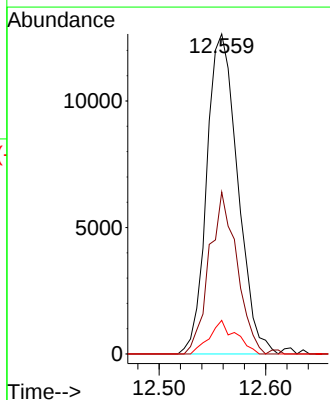
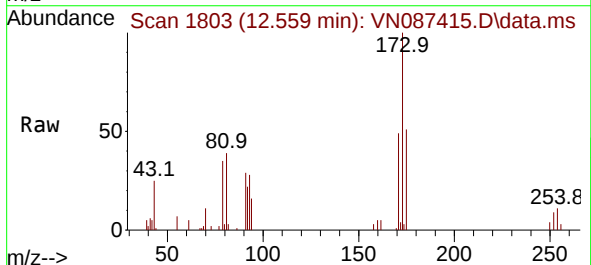
Manual Integrations
APPROVED

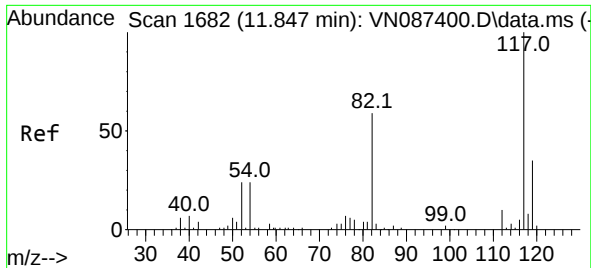
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#56
Bromoform
Concen: 19.210 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Tgt Ion:173 Resp: 25548
Ion Ratio Lower Upper
173 100
175 45.2 38.4 57.6
254 6.1 6.7 10.1#





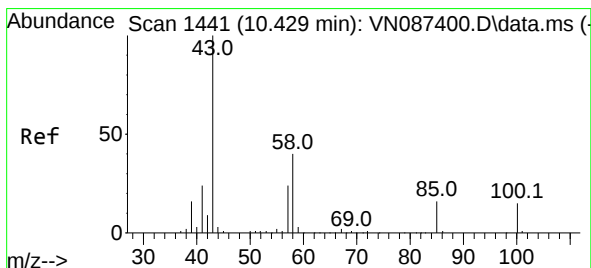
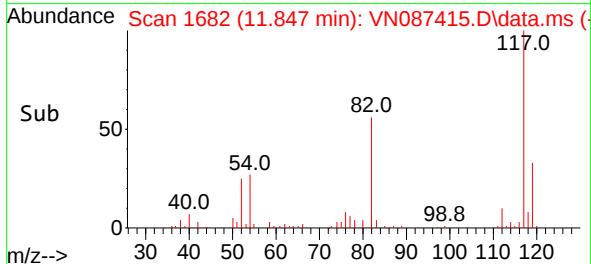
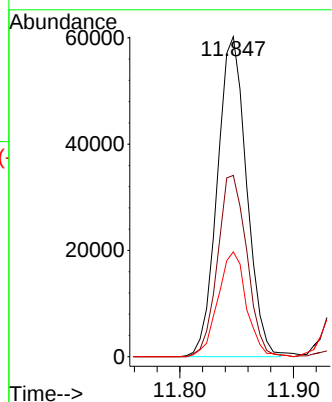
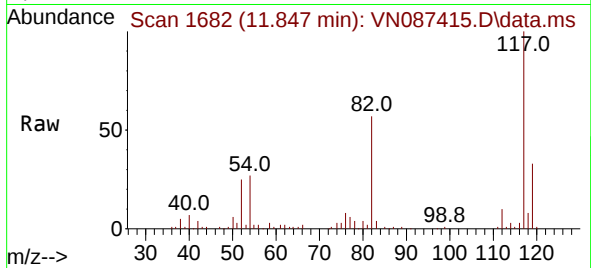
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Instrument :
MSVOA_N
ClientSampleId :
DSN001MS

Tgt Ion:117 Resp: 107964
Ion Ratio Lower Upper
117 100
82 56.5 44.1 66.1
119 31.9 25.4 38.2

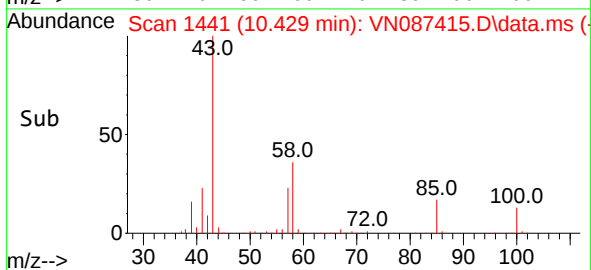
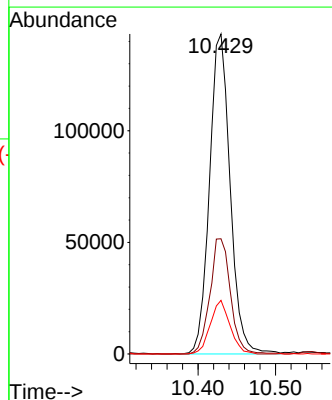
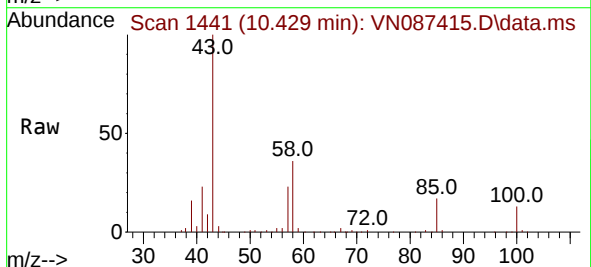
Manual Integrations
APPROVED

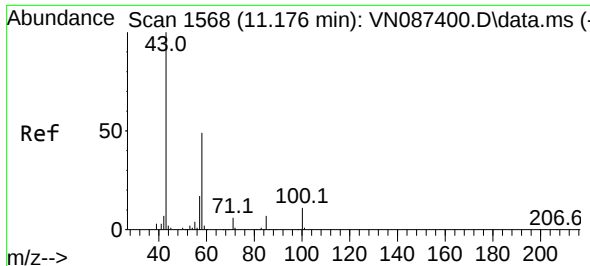
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#58
4-Methyl-2-Pentanone
Concen: 100.521 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

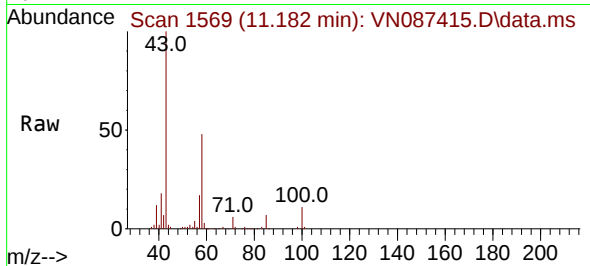
Tgt Ion: 43 Resp: 265376
Ion Ratio Lower Upper
43 100
58 35.8 29.5 44.3
85 16.0 13.3 19.9





#59
2-Hexanone
Concen: 93.912 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

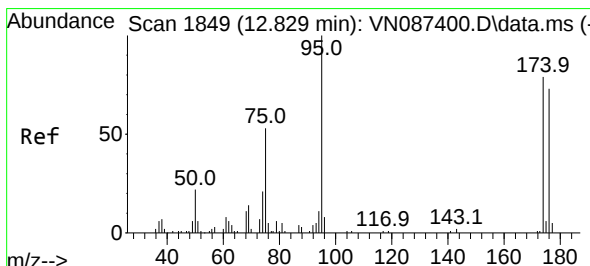
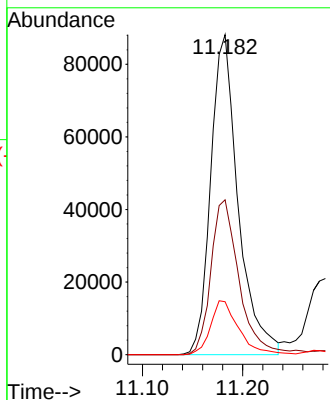
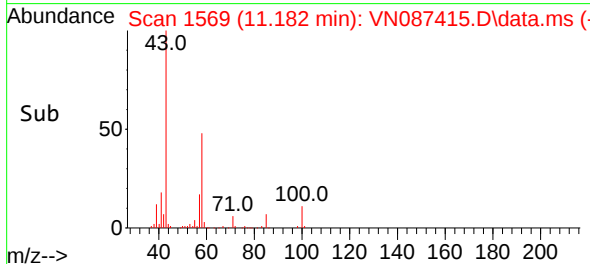
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion: 43 Resp: 167344
Ion Ratio Lower Upper
43 100
58 49.5 40.5 60.7
57 17.4 14.0 21.0

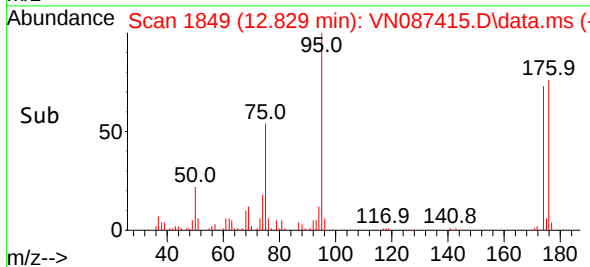
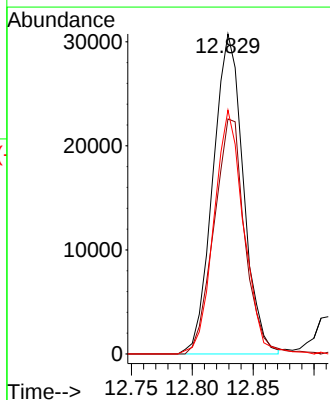
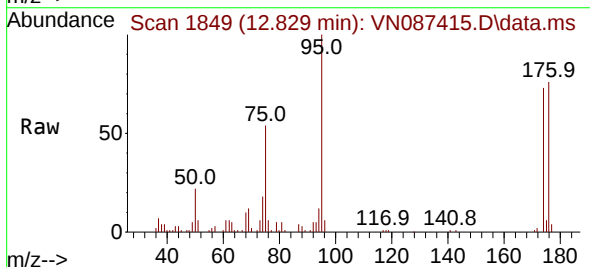
Manual Integrations
APPROVED

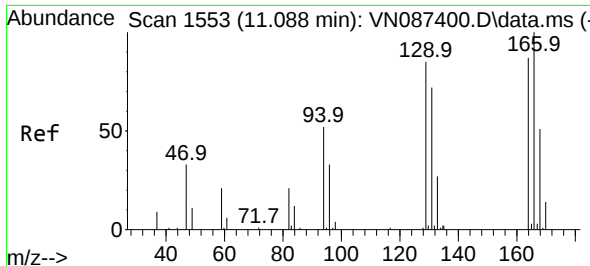
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#60
4-Bromofluorobenzene
Concen: 29.674 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

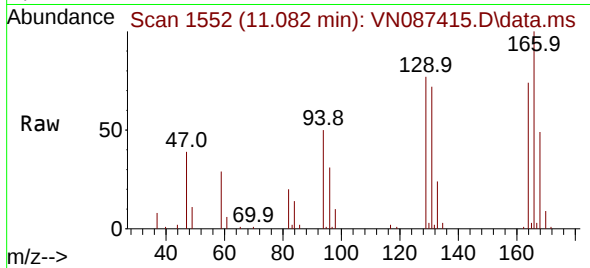
Tgt Ion: 95 Resp: 53449
Ion Ratio Lower Upper
95 100
174 74.9 62.1 93.1
176 74.8 57.9 86.9





#61
Tetrachloroethene
Concen: 19.412 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

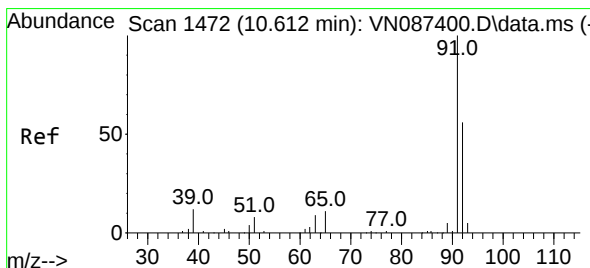
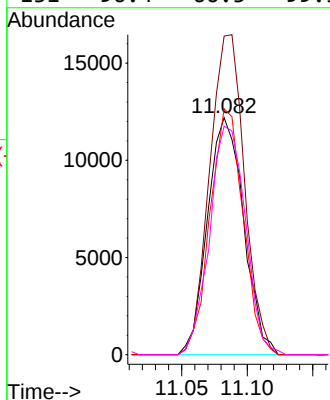
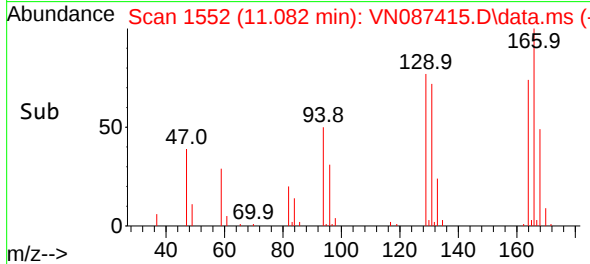
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion:164 Resp: 23404
Ion Ratio Lower Upper
164 100
166 134.4 91.7 137.5
129 103.7 77.8 116.6
131 96.4 66.3 99.5

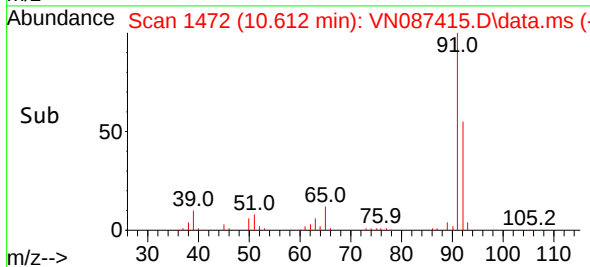
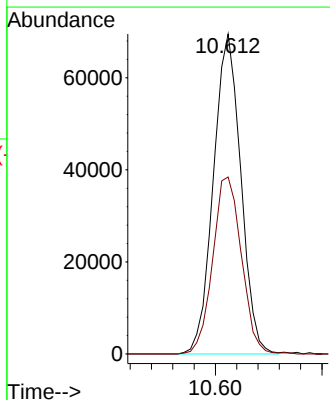
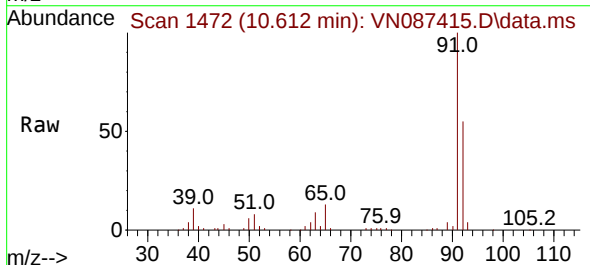
Manual Integrations
APPROVED

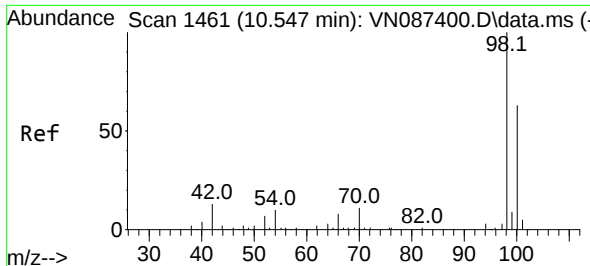
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#62
Toluene
Concen: 18.857 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

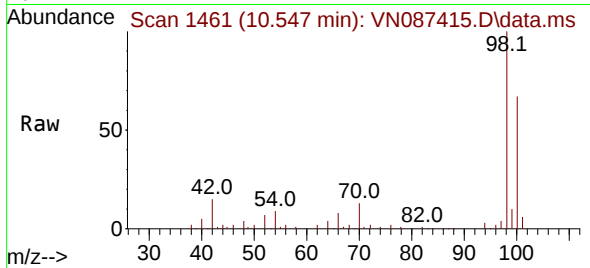
Tgt Ion: 91 Resp: 123987
Ion Ratio Lower Upper
91 100
92 57.8 47.4 71.0





#63
Toluene-d8
Concen: 30.403 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

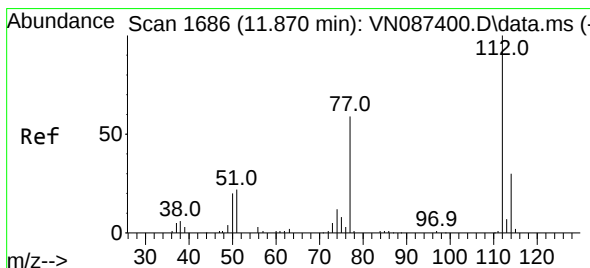
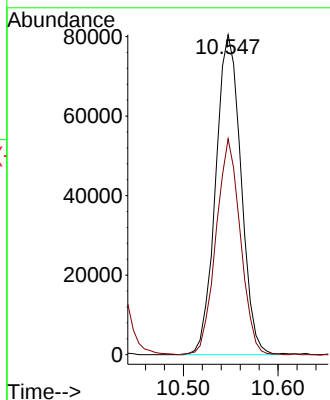
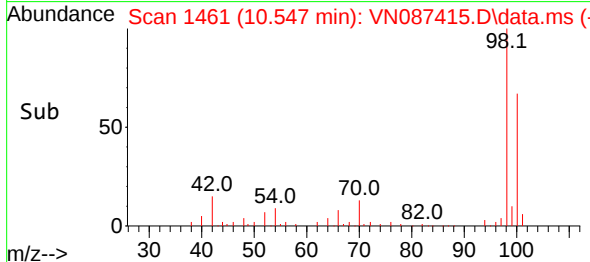
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion: 98 Resp: 149270
Ion Ratio Lower Upper
98 100
100 65.1 51.1 76.7

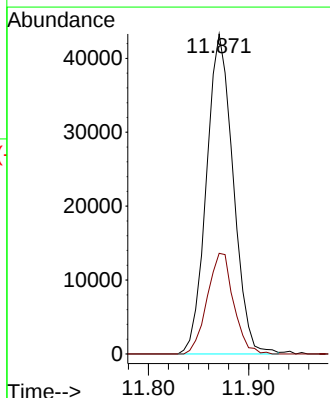
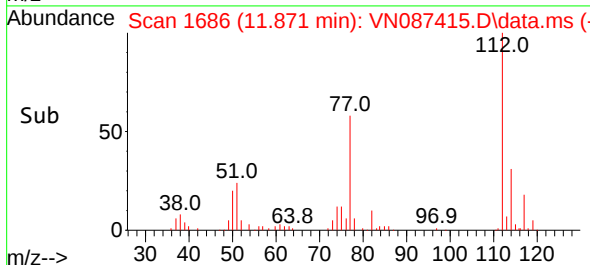
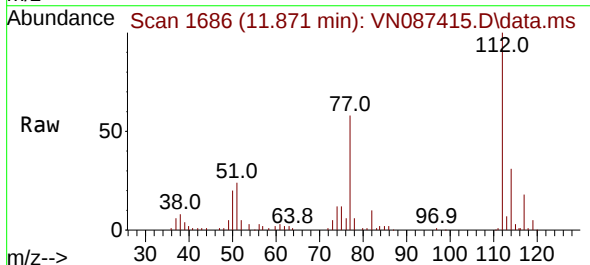
Manual Integrations
APPROVED

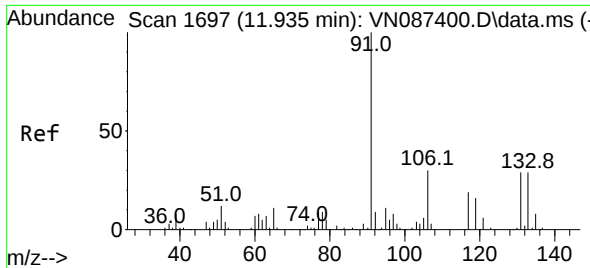
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#64
Chlorobenzene
Concen: 19.105 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Tgt Ion:112 Resp: 80311
Ion Ratio Lower Upper
112 100
114 31.5 24.0 36.0





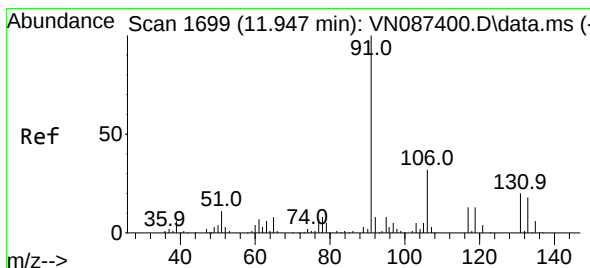
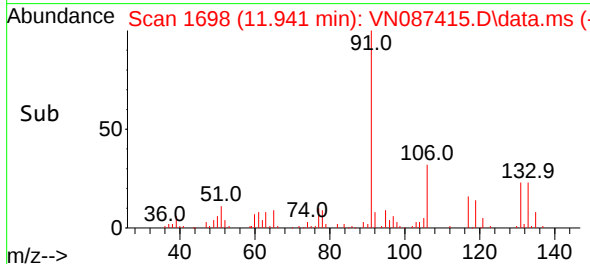
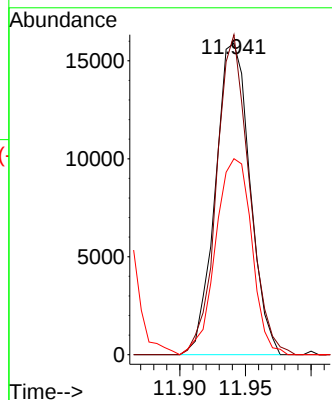
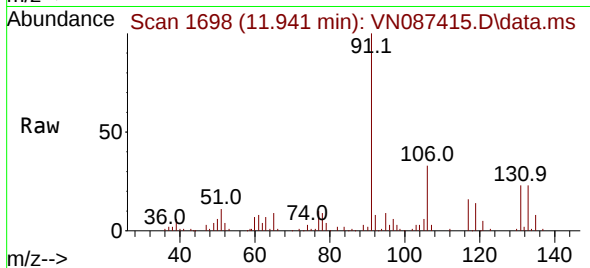
#65
1,1,1,2-Tetrachloroethane
Concen: 19.017 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Instrument :
MSVOA_N
ClientSampleId :
DSN001MS

Tgt Ion:131 Resp: 2921
Ion Ratio Lower Upper
131 100
133 96.8 0.0 193.0
119 65.5 0.0 128.2

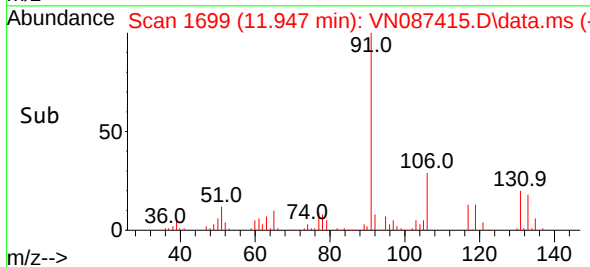
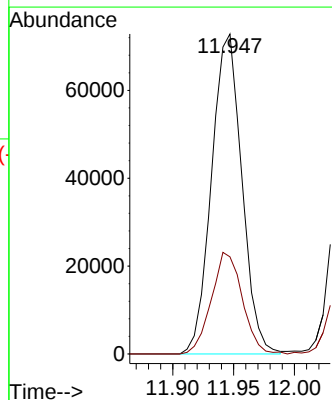
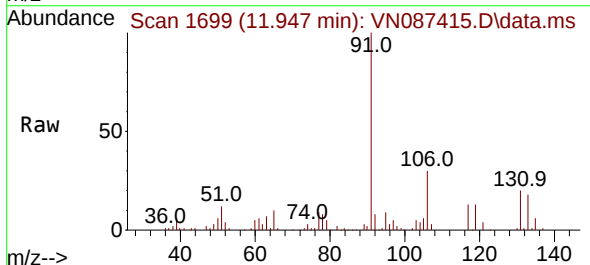
Manual Integrations
APPROVED

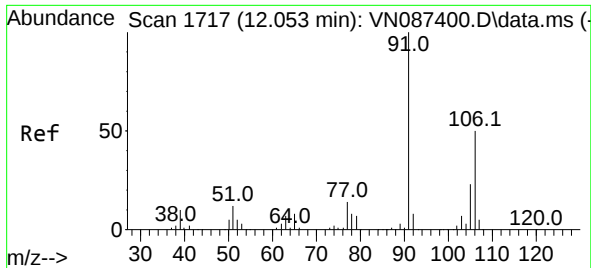
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#66
Ethyl Benzene
Concen: 17.734 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Tgt Ion: 91 Resp: 126238
Ion Ratio Lower Upper
91 100
106 30.3 25.8 38.6





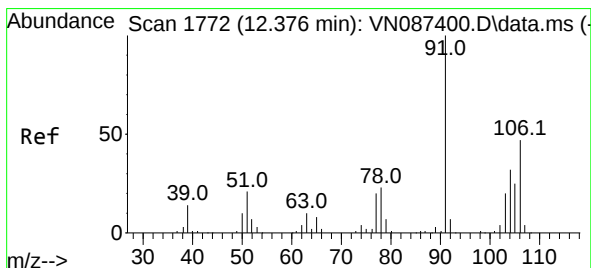
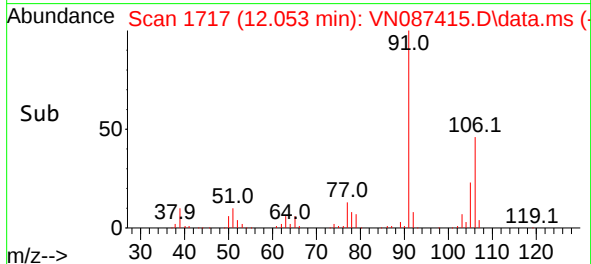
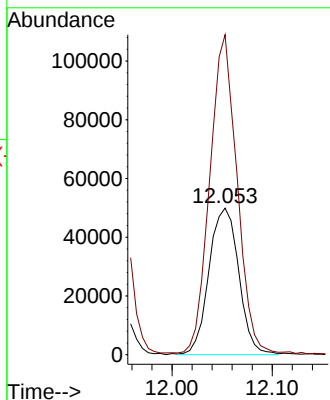
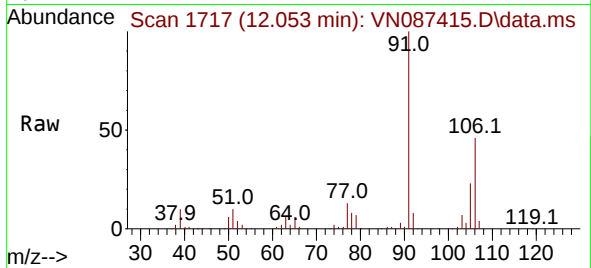
#67
m/p-Xylenes
Concen: 36.596 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Instrument :
MSVOA_N
ClientSampleId :
DSN001MS

Tgt Ion:106 Resp: 103092
Ion Ratio Lower Upper
106 100
91 200.5 163.4 245.2

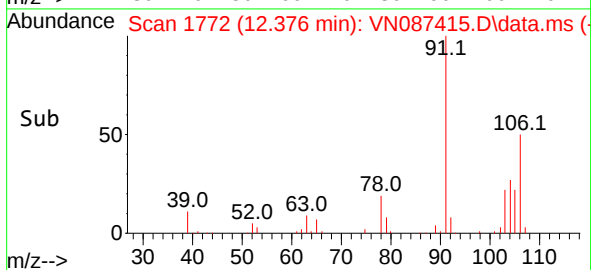
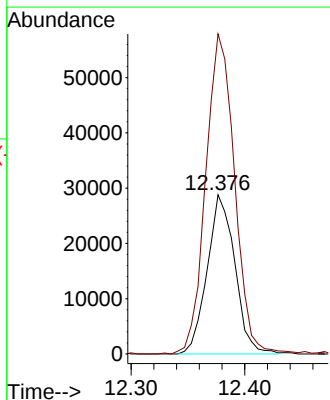
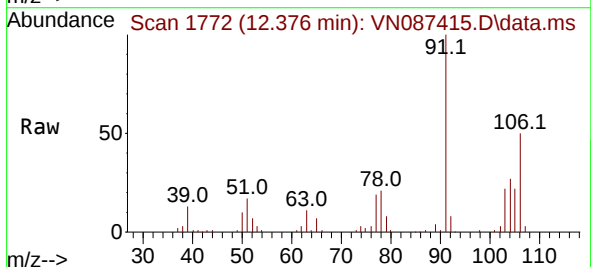
Manual Integrations
APPROVED

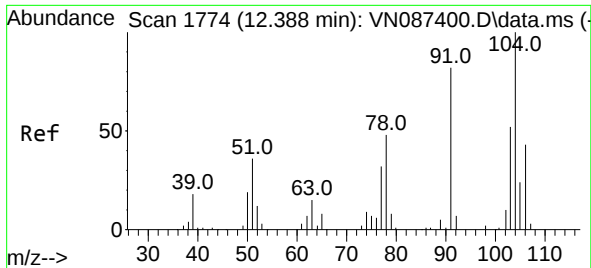
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#68
o-Xylene
Concen: 18.019 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Tgt Ion:106 Resp: 48692
Ion Ratio Lower Upper
106 100
91 210.0 106.6 319.8





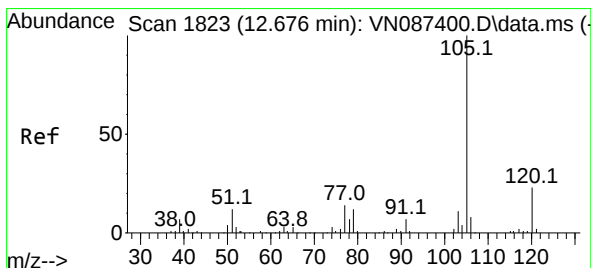
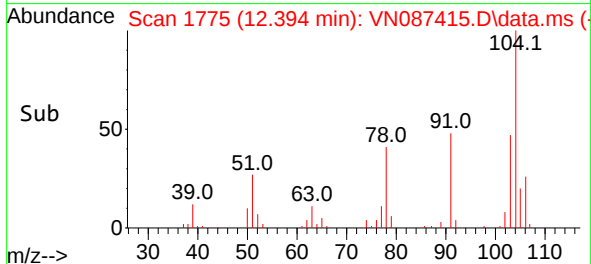
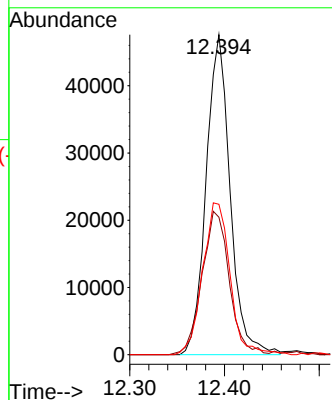
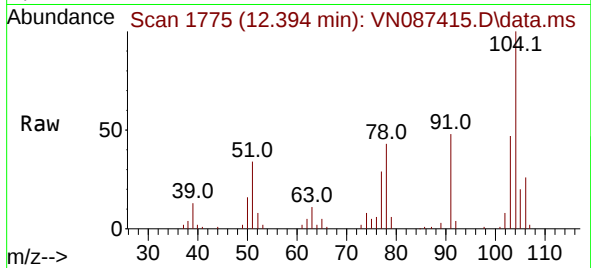
#69
Styrene
Concen: 17.815 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Instrument :
MSVOA_N
ClientSampleId :
DSN001MS

Tgt Ion:104 Resp: 83758
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 54.0 43.4 65.2

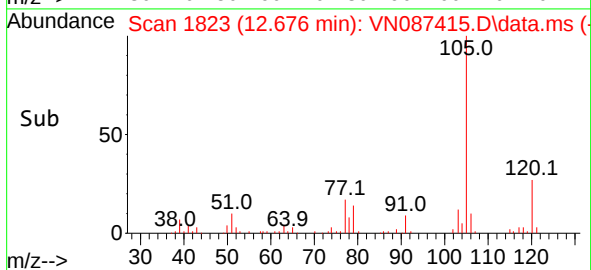
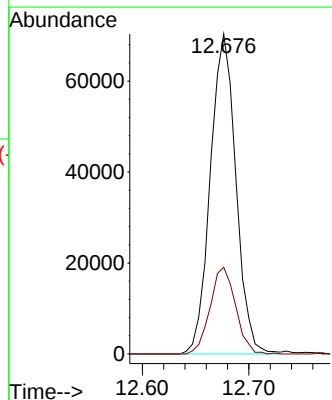
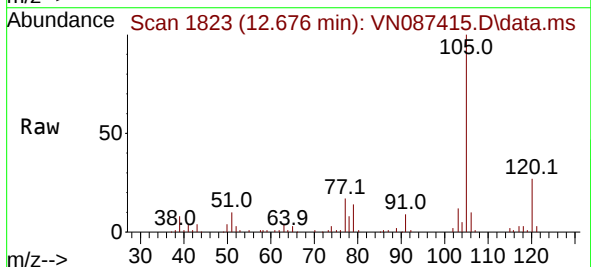
Manual Integrations
APPROVED

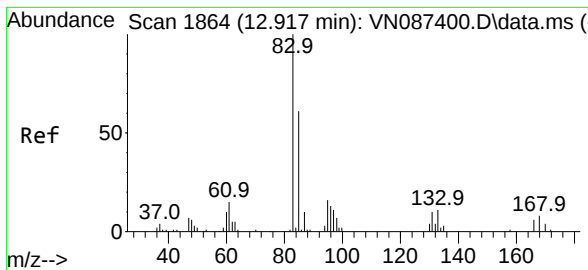
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#70
Isopropylbenzene
Concen: 17.246 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

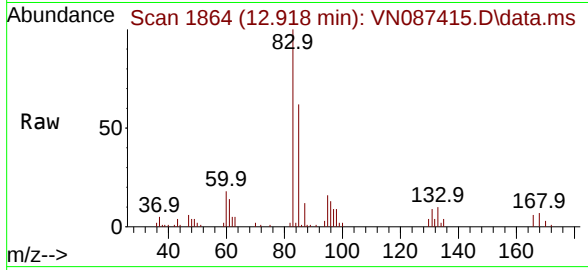
Tgt Ion:105 Resp: 117372
Ion Ratio Lower Upper
105 100
120 26.9 17.6 32.6





#71
1,1,2,2-Tetrachloroethane
Concen: 19.442 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

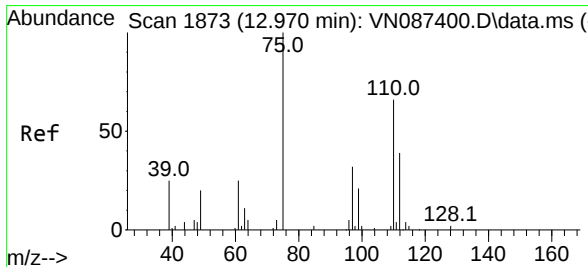
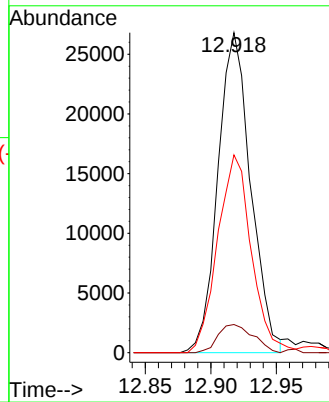
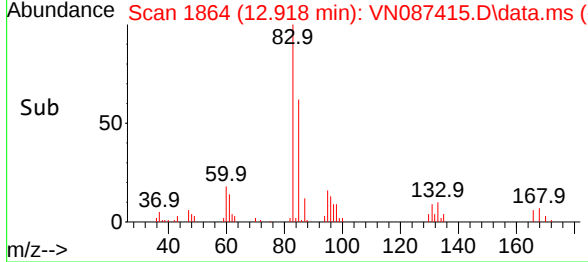
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion: 83 Resp: 4654
Ion Ratio Lower Upper
83 100
131 9.5 4.6 13.8
85 63.7 30.6 91.6

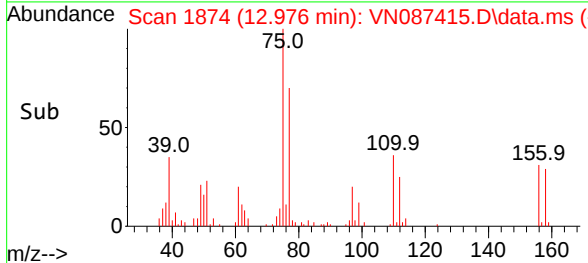
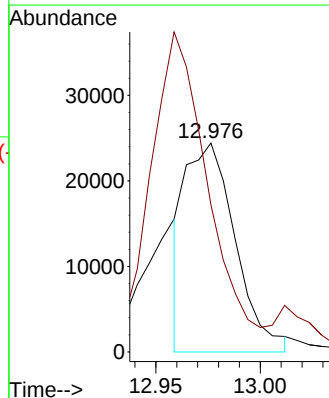
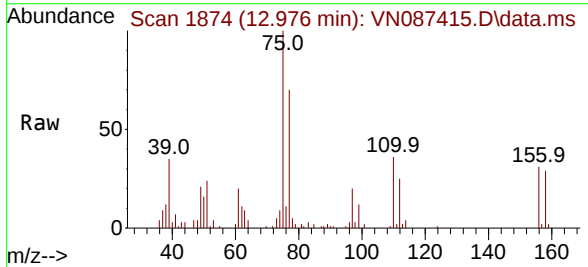
Manual Integrations
APPROVED

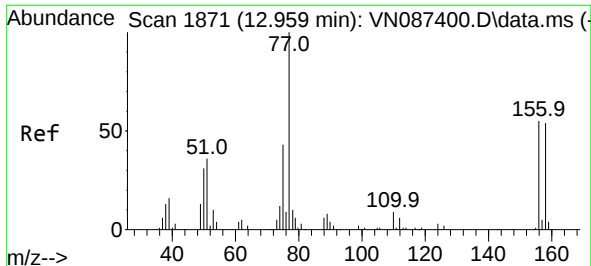
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#72
1,2,3-Trichloropropane
Concen: 19.010 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

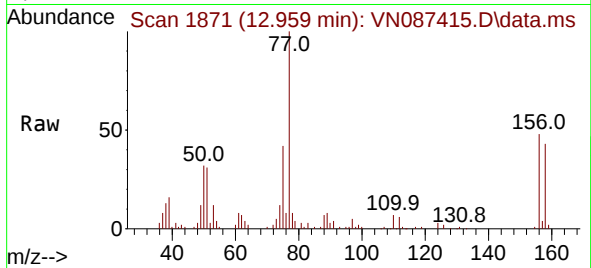
Tgt Ion: 75 Resp: 40660
Ion Ratio Lower Upper
75 100
77 177.1 0.0 361.2





#73
Bromobenzene
Concen: 18.089 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

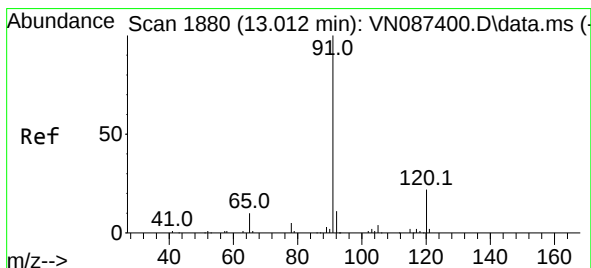
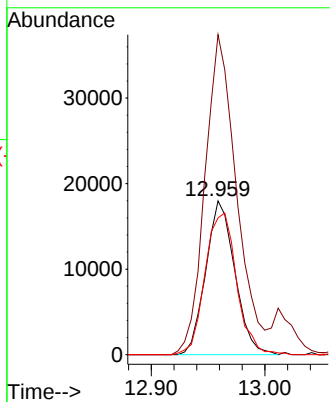
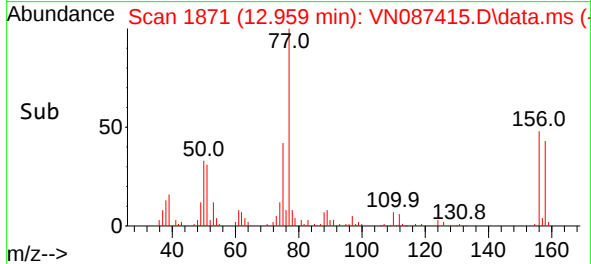
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion:156 Resp: 32044
Ion Ratio Lower Upper
156 100
77 224.8 0.0 440.6
158 99.7 0.0 195.0

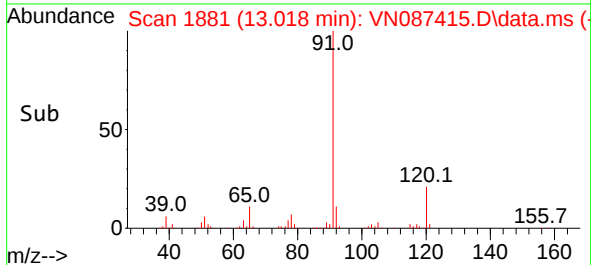
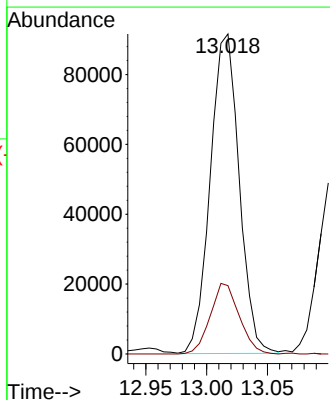
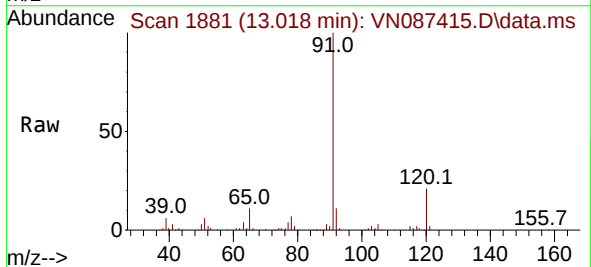
Manual Integrations
APPROVED

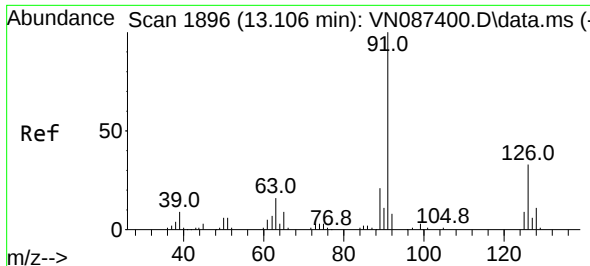
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#74
n-propylbenzene
Concen: 17.639 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Tgt Ion: 91 Resp: 151600
Ion Ratio Lower Upper
91 100
120 22.1 0.0 44.6





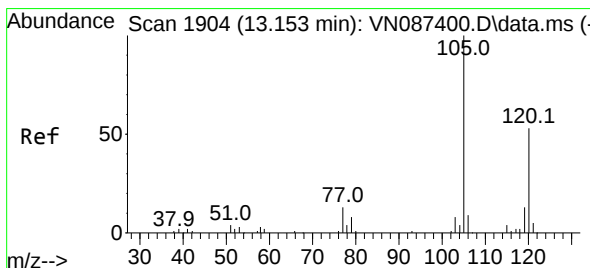
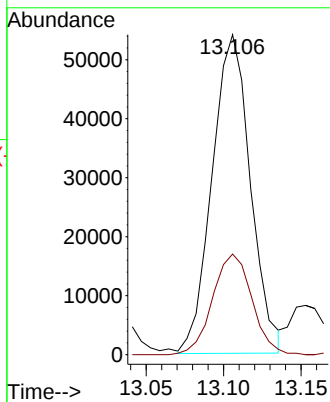
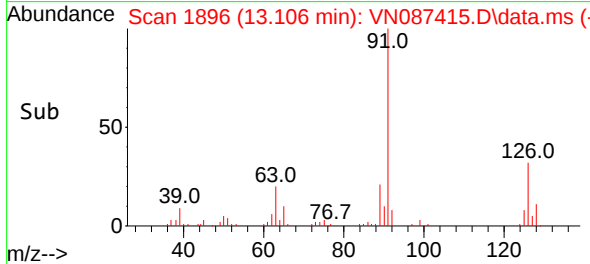
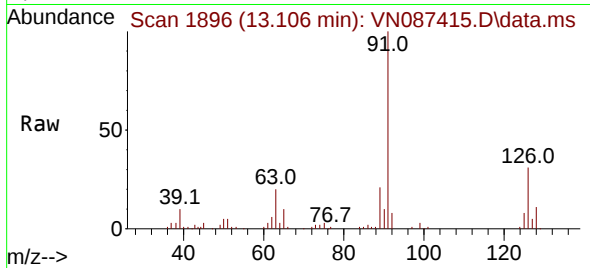
#75
2-Chlorotoluene
Concen: 18.029 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Instrument :
MSVOA_N
ClientSampleId :
DSN001MS

Tgt Ion: 91 Resp: 93060
Ion Ratio Lower Upper
91 100
126 32.3 0.0 65.4

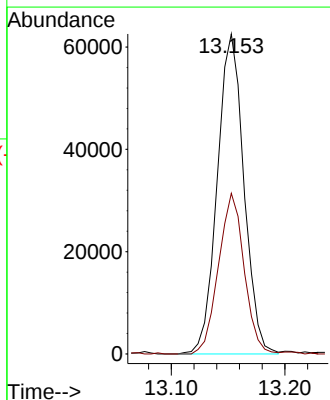
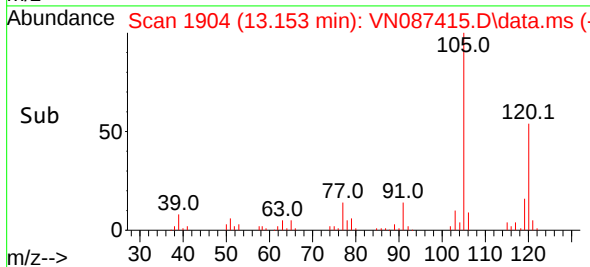
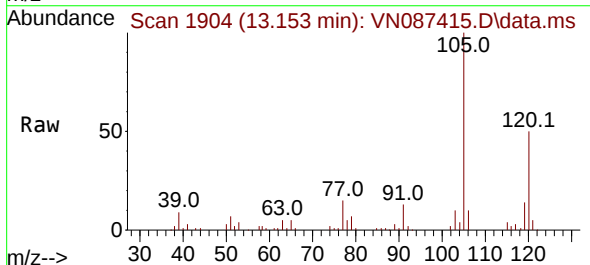
Manual Integrations
APPROVED

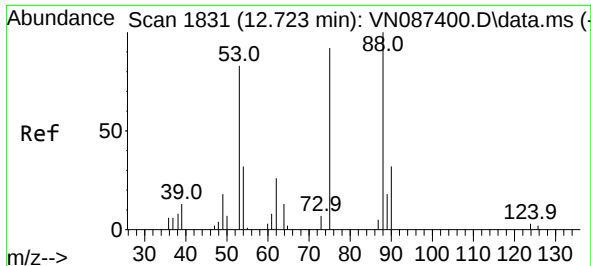
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#76
1,3,5-Trimethylbenzene
Concen: 17.207 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

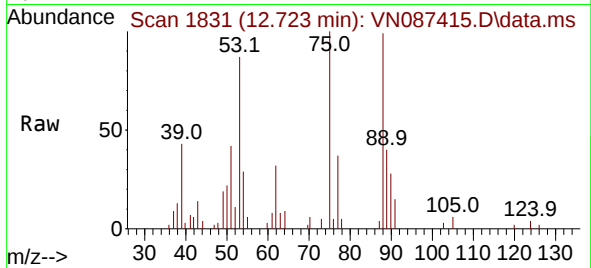
Tgt Ion:105 Resp: 101864
Ion Ratio Lower Upper
105 100
120 48.3 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.074 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

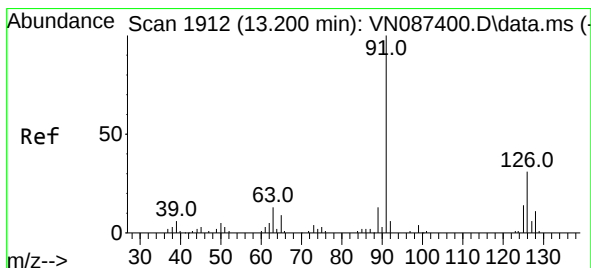
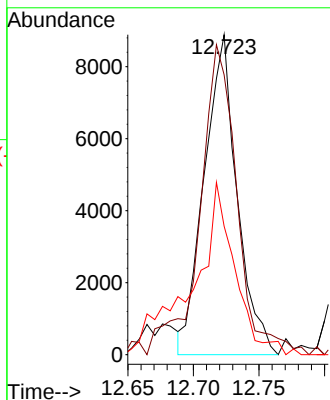
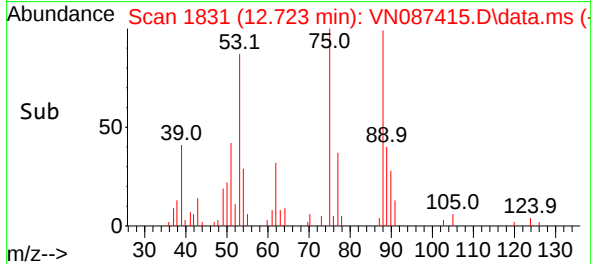
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion: 75 Resp: 15449
Ion Ratio Lower Upper
75 100
53 82.4 44.0 131.8
89 36.0 17.0 50.9

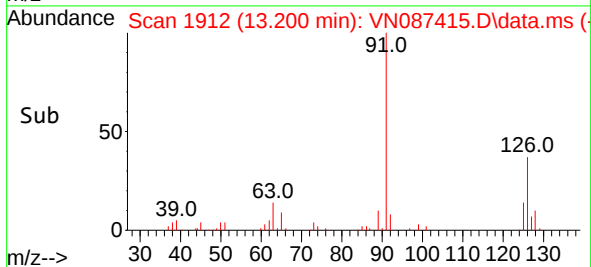
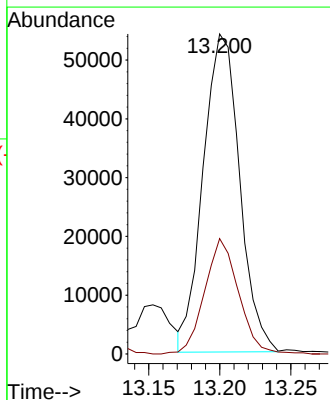
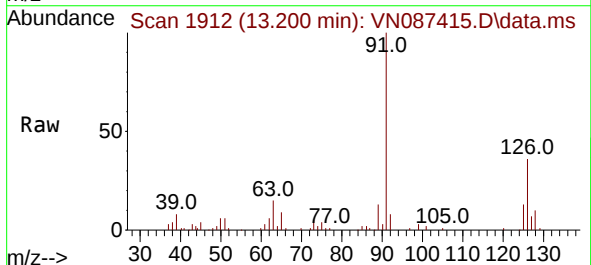
Manual Integrations
APPROVED

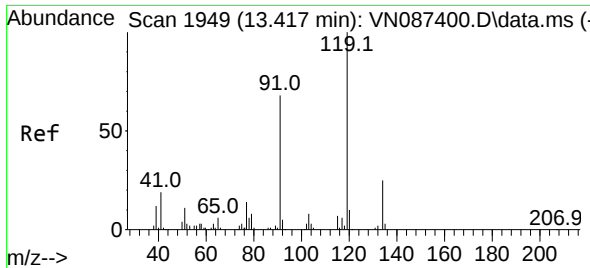
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#78
4-Chlorotoluene
Concen: 17.529 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

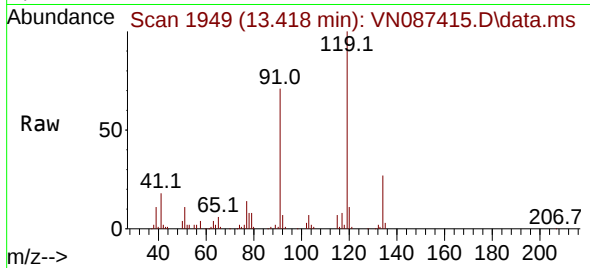
Tgt Ion: 91 Resp: 96502
Ion Ratio Lower Upper
91 100
126 33.8 0.0 66.6





#79
tert-butylbenzene
Concen: 17.373 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

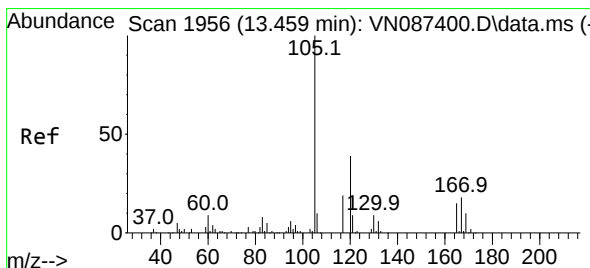
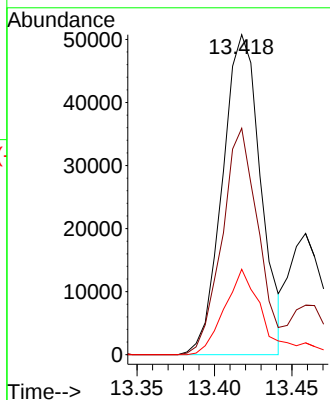
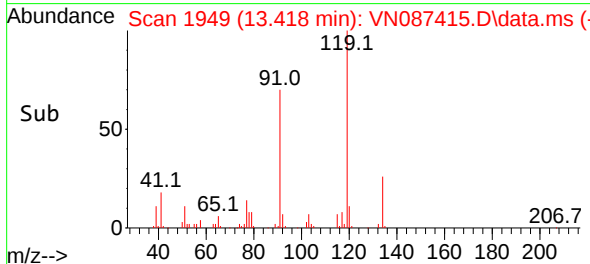
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion:119 Resp: 87344
Ion Ratio Lower Upper
119 100
91 66.6 0.0 134.8
134 25.6 0.0 52.0

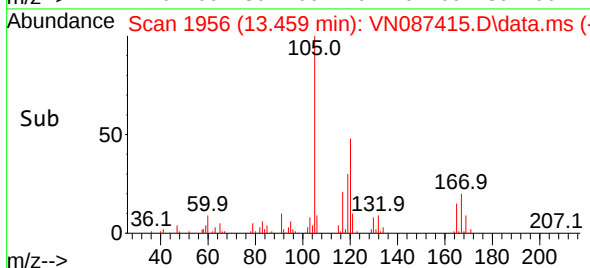
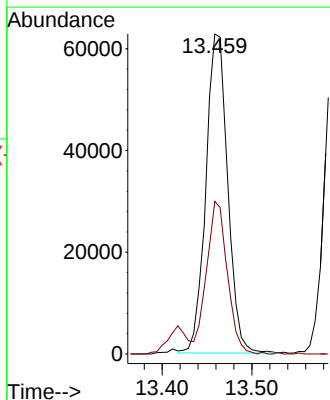
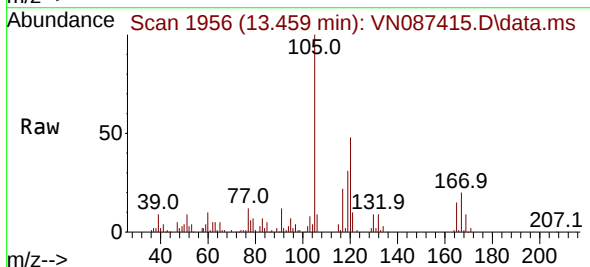
Manual Integrations
APPROVED

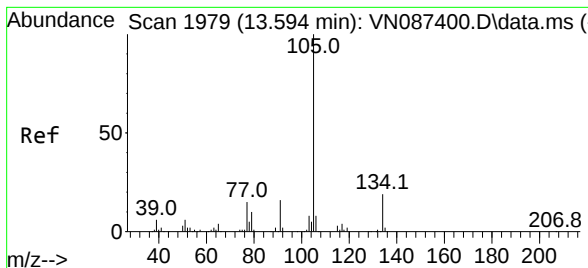
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#80
1,2,4-Trimethylbenzene
Concen: 17.501 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

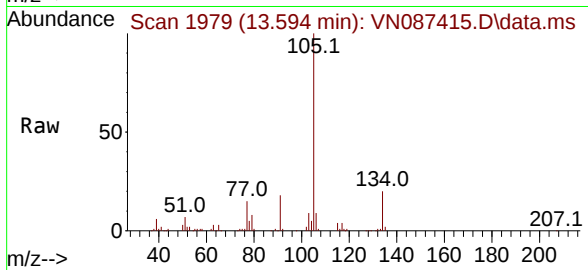
Tgt Ion:105 Resp: 105758
Ion Ratio Lower Upper
105 100
120 45.4 0.0 93.6





#81
 sec-Butylbenzene
 Concen: 17.106 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087415.D
 Acq: 24 Jul 2025 13:50

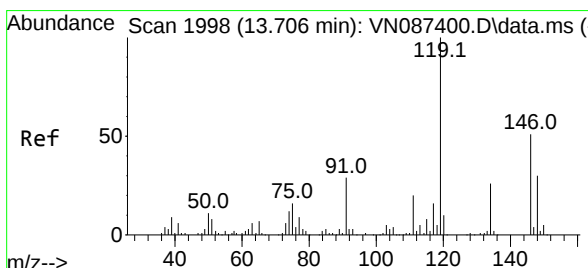
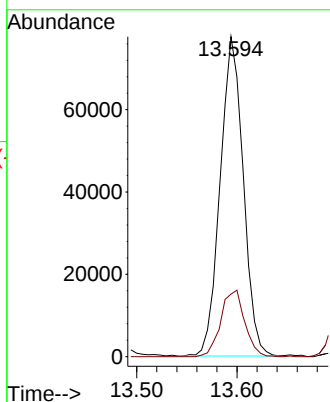
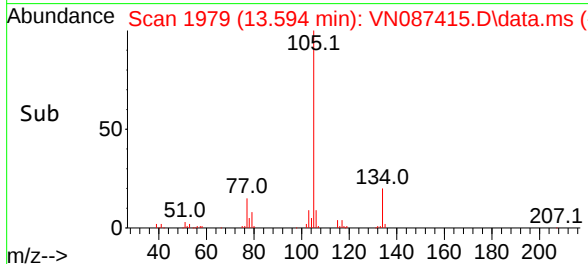
Instrument :
 MSVOA_N
 ClientSampleId :
 DSN001MS



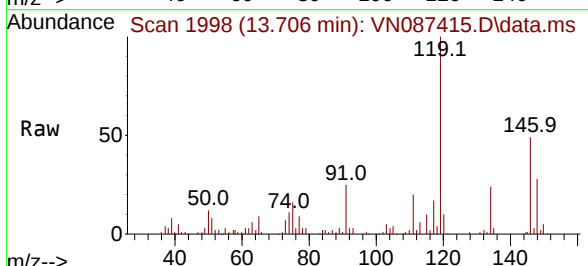
Tgt Ion:105 Resp: 124114
 Ion Ratio Lower Upper
 105 100
 134 21.5 0.0 39.6

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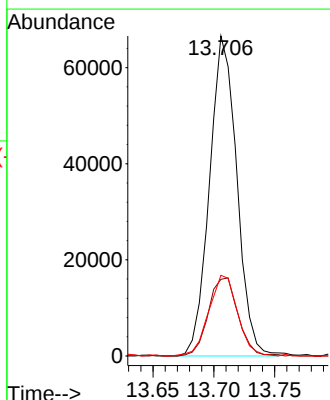
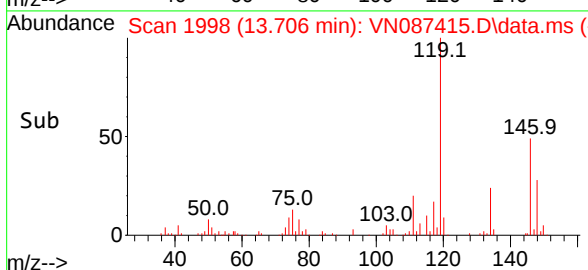
Reviewed By :John Carlone 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025

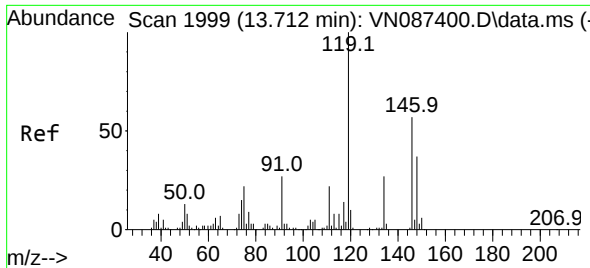


#82
 p-Isopropyltoluene
 Concen: 16.703 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087415.D
 Acq: 24 Jul 2025 13:50



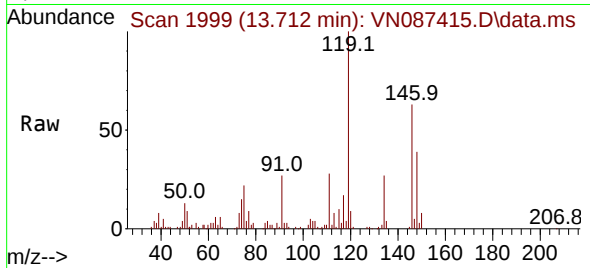
Tgt Ion:119 Resp: 104014
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 51.8
 91 26.5 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 18.129 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

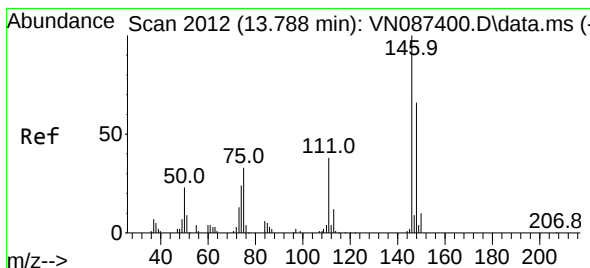
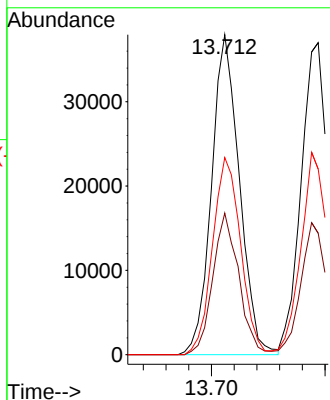
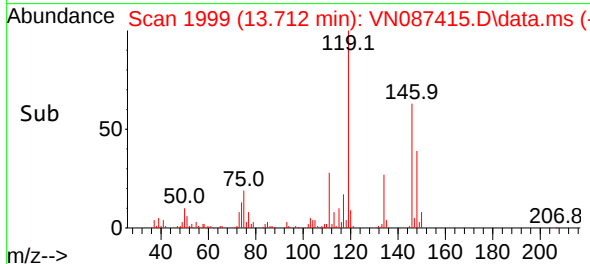
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



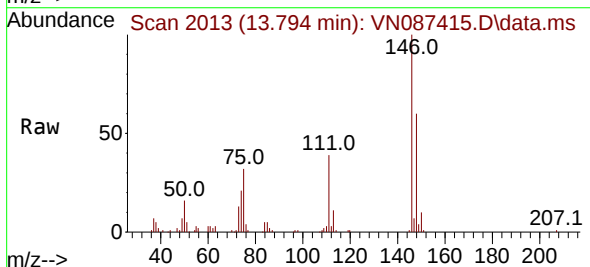
Tgt Ion:146 Resp: 64709
Ion Ratio Lower Upper
146 100
111 41.4 20.2 60.6
148 62.3 31.7 95.1

Manual Integrations
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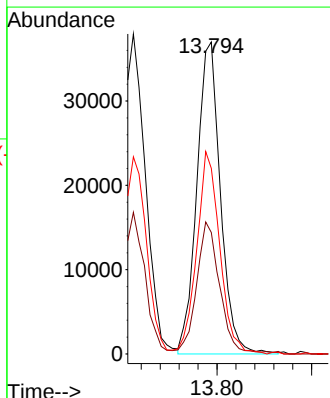
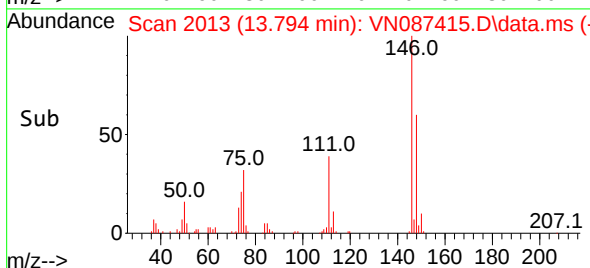
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

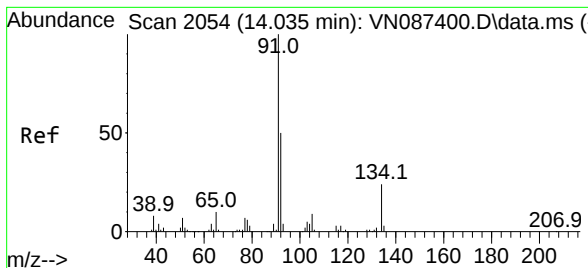


#84
1,4-Dichlorobenzene
Concen: 18.176 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50



Tgt Ion:146 Resp: 64034
Ion Ratio Lower Upper
146 100
111 41.3 19.4 58.1
148 63.1 32.4 97.2





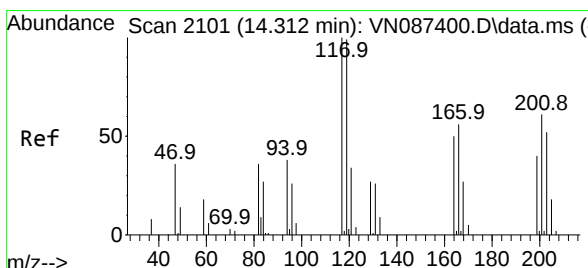
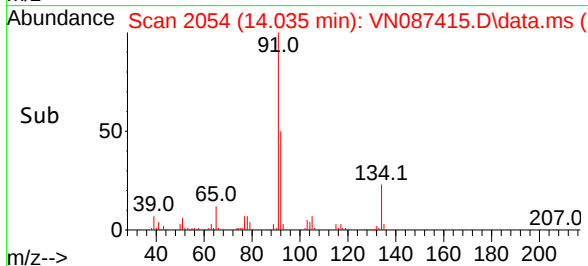
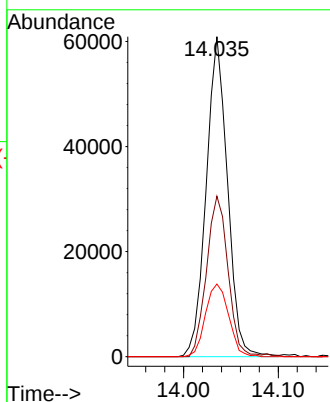
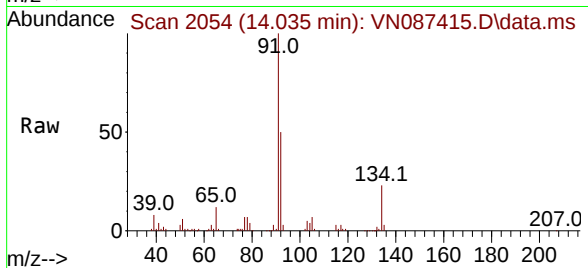
#85
n-Butylbenzene
Concen: 16.580 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Instrument :
MSVOA_N
ClientSampleId :
DSN001MS

Tgt Ion: 91 Resp: 95090
Ion Ratio Lower Upper
91 100
92 50.4 0.0 101.4
134 24.7 0.0 48.6

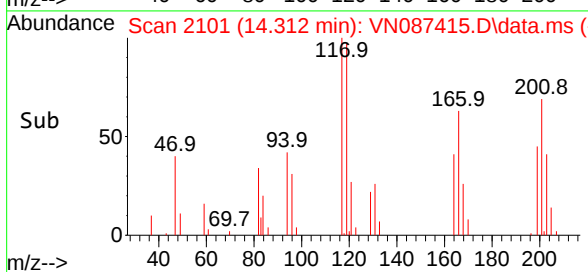
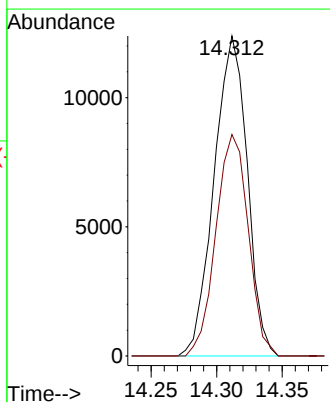
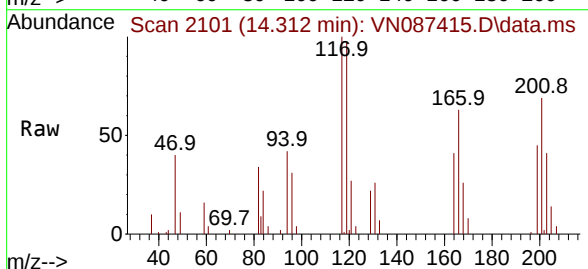
Manual Integrations
APPROVED

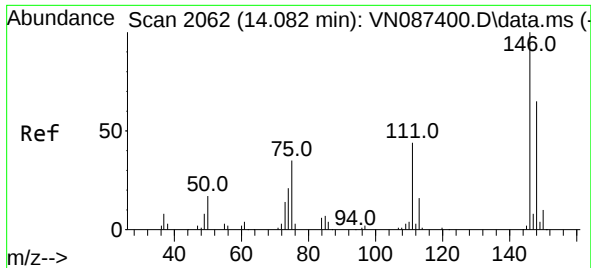
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#86
Hexachloroethane
Concen: 17.971 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

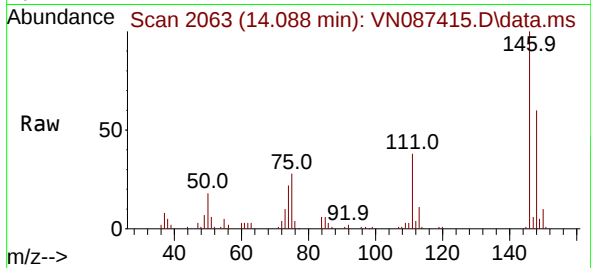
Tgt Ion:117 Resp: 21778
Ion Ratio Lower Upper
117 100
201 67.6 34.2 102.5





#87
1,2-Dichlorobenzene
Concen: 17.846 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

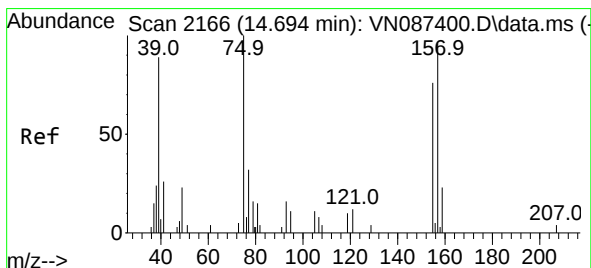
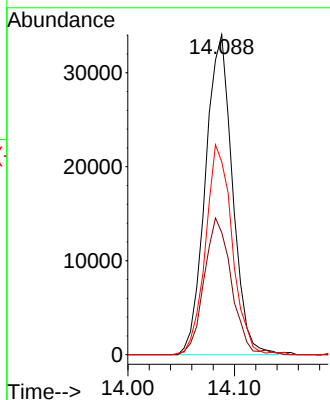
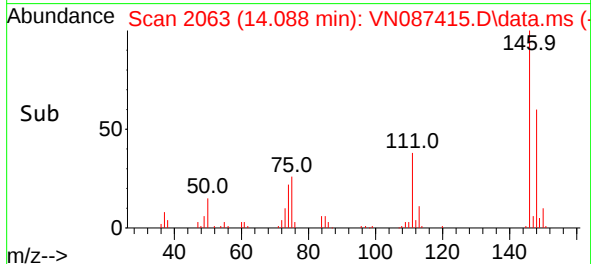
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



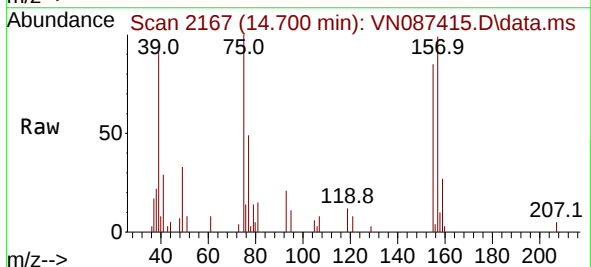
Tgt Ion:146 Resp: 59972
Ion Ratio Lower Upper
146 100
111 42.7 21.9 65.8
148 64.6 31.2 93.6

Manual Integrations
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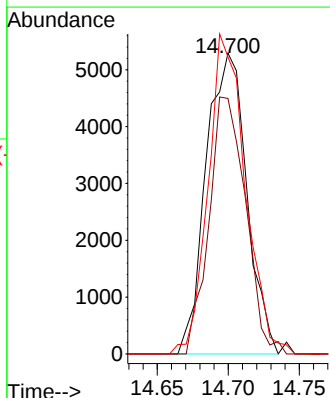
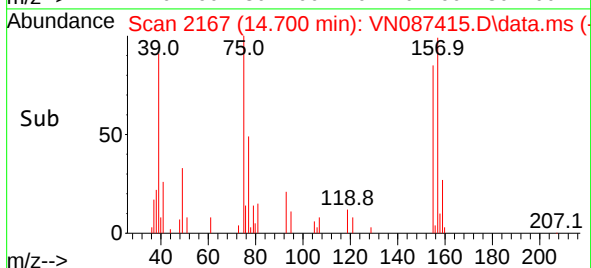
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

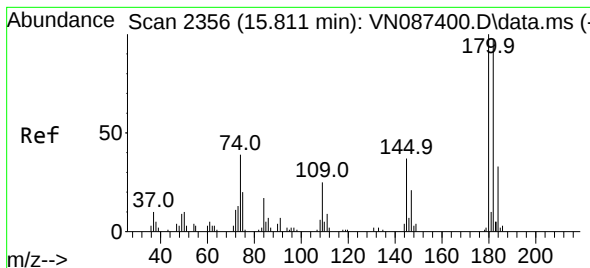


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.880 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50



Tgt Ion: 75 Resp: 10517
Ion Ratio Lower Upper
75 100
155 77.0 61.3 91.9
157 96.6 85.5 128.3





#89

1,2,4-Trichlorobenzene

Concen: 17.657 ug/l

RT: 15.817 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087415.D

Acq: 24 Jul 2025 13:50

Instrument :

MSVOA_N

ClientSampleId :

DSN001MS

Tgt Ion:180 Resp: 34230

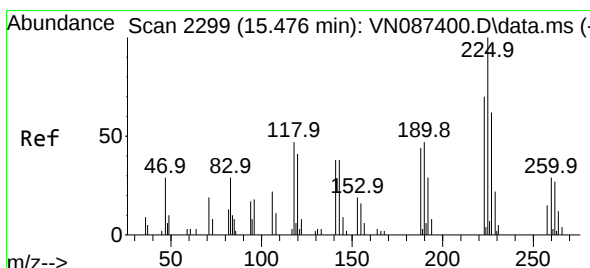
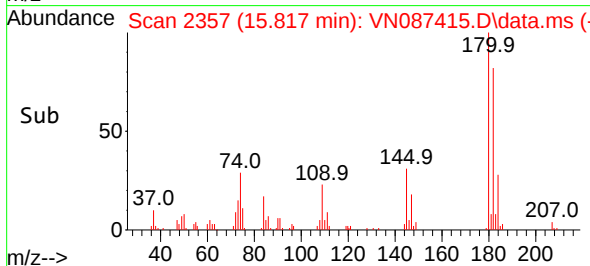
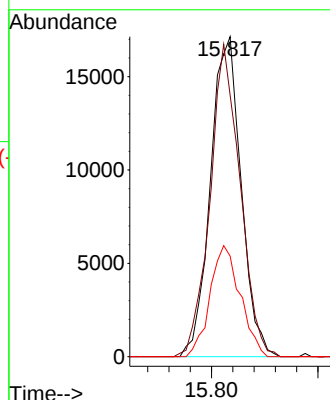
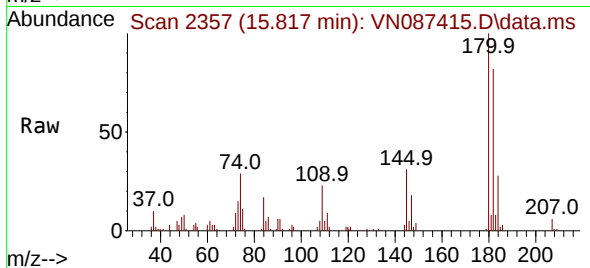
Ion	Ratio	Lower	Upper
180	100		
182	95.6	74.2	111.2
145	34.1	29.3	43.9

Manual Integrations

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Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#90

Hexachlorobutadiene

Concen: 19.130 ug/l

RT: 15.476 min Scan# 2299

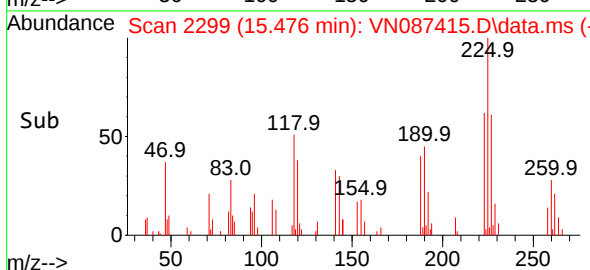
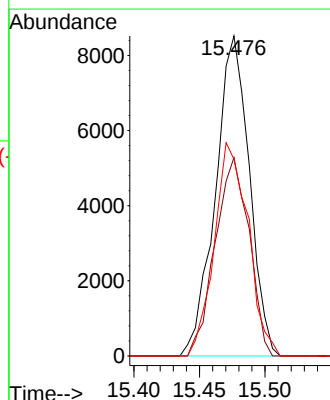
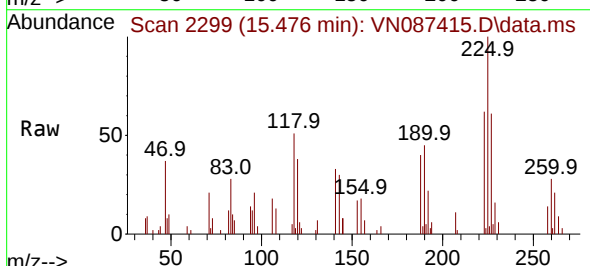
Delta R.T. 0.000 min

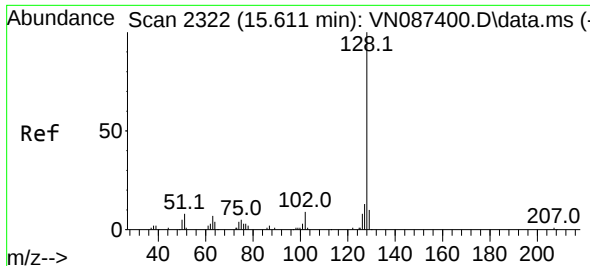
Lab File: VN087415.D

Acq: 24 Jul 2025 13:50

Tgt Ion:225 Resp: 15296

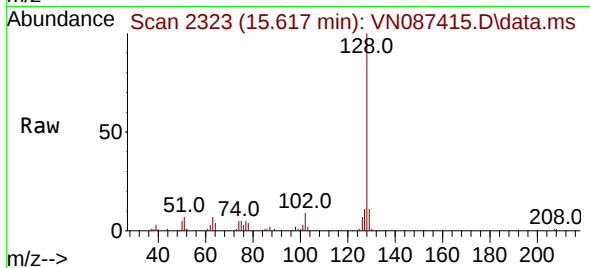
Ion	Ratio	Lower	Upper
225	100		
223	62.0	0.0	125.2
227	66.6	0.0	122.4





#91
Naphthalene
Concen: 17.273 ug/l
RT: 15.617 min Scan# 2114
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

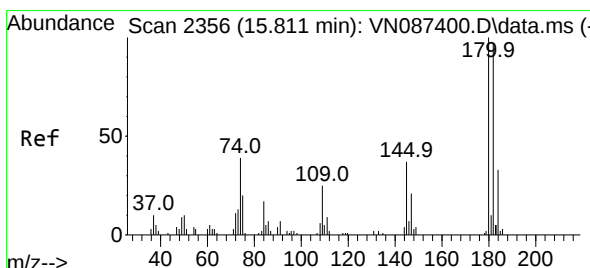
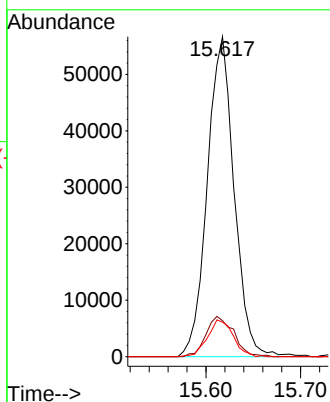
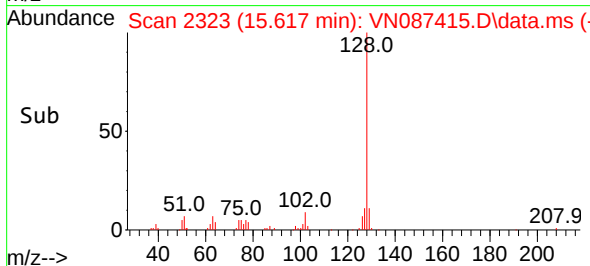
Instrument :
MSVOA_N
ClientSampleId :
DSN001MS



Tgt Ion:128 Resp: 11144
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.0 9.0 13.4

Manual Integrations
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Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#92
1,2,3-Trichlorobenzene
Concen: 17.657 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087415.D
Acq: 24 Jul 2025 13:50

Tgt Ion:180 Resp: 34230
Ion Ratio Lower Upper
180 100
182 95.6 0.0 185.4
145 34.1 0.0 73.2

