

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072325\
 Data File : VN087406.D
 Acq On : 23 Jul 2025 14:57
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072325

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2025
 Supervised By : Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:13:17 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	28418	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	146041	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	130301	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	71536	30.523	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.733%			
60) 4-Bromofluorobenzene	12.829	95	63125	29.038	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.800%			
63) Toluene-d8	10.547	98	177328	29.925	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.767%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	32291	18.571	ug/l	94
3) Chloromethane	2.383	50	31544	18.264	ug/l	100
4) Vinyl Chloride	2.542	62	36783	19.324	ug/l	98
5) Bromomethane	2.983	94	22210	18.856	ug/l	97
6) Chloroethane	3.142	64	28986	19.814	ug/l #	80
7) Trichlorofluoromethane	3.506	101	61179	18.899	ug/l	96
8) Diethyl Ether	3.965	74	25776	20.003	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	32417	18.896	ug/l #	36
10) 1,1-Dichloroethene	4.330	96	34495m	19.367	ug/l	
11) Methyl Iodide	4.577	142	20564	15.828	ug/l	90
12) Methyl Acetate	5.018	43	45382	19.590	ug/l	98
13) Acrolein	4.177	56	43437	103.136	ug/l	99
14) Acrylonitrile	5.706	53	101122	95.581	ug/l #	87
15) Acetone	4.418	58	37968	101.649	ug/l	93
16) Carbon Disulfide	4.700	76	88979	19.344	ug/l	99
17) Allyl chloride	5.006	41	42378	17.369	ug/l	93
18) Methylene Chloride	5.271	84	34807m	19.310	ug/l	
19) trans-1,2-Dichloroethene	5.771	96	32079	18.340	ug/l	95
20) Diisopropyl ether	6.659	45	108364	17.564	ug/l	100
21) 1,1-Dichloroethane	6.559	63	63265	19.198	ug/l	93
22) cis-1,2-Dichloroethene	7.477	96	38258	18.673	ug/l	98
23) tert-Butyl Alcohol	5.524	59	37828	104.327	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	107632	18.700	ug/l #	77
25) Chloroform	7.947	83	68637	19.017	ug/l	98
26) Cyclohexane	8.241	56	41943	17.073	ug/l #	93
29) 1,1-Dichloropropene	8.353	75	41467	16.642	ug/l	98
30) 2-Butanone	7.471	43	148938	87.771	ug/l	100
31) 2,2-Dichloropropane	7.477	77	59060	18.049	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	57474	17.624	ug/l	99
33) Carbon Tetrachloride	8.347	117	49146	17.348	ug/l	98
34) Benzene	8.588	78	138310	17.187	ug/l	97
35) Methacrylonitrile	7.765	41	29197	16.362	ug/l	88
36) 1,2-Dichloroethane	8.653	62	53833	16.957	ug/l	98
37) Trichloroethene	9.330	130	31214	16.997	ug/l	91
38) Methylcyclohexane	9.583	83	42324	16.069	ug/l	98
39) 1,2-Dichloropropane	9.606	63	34351	16.992	ug/l	91
40) Dibromomethane	9.694	93	26768	17.114	ug/l	100
41) Bromodichloromethane	9.871	83	54399	17.517	ug/l #	90
42) Vinyl Acetate	6.589	43	469103	81.608	ug/l	99

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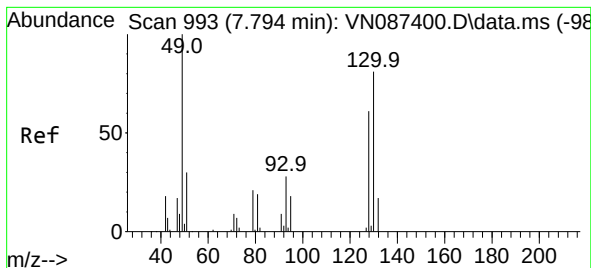
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	60149	17.412	ug/l #	80
44) Isopropyl Acetate	8.671	43	92275	16.920	ug/l	95
45) 1,4-Dioxane	9.683	88	12301	366.098	ug/l #	63
46) Methyl methacrylate	9.665	41	35092	13.973	ug/l	90
47) n-amyl Acetate	12.529	43	63419m	19.405	ug/l	
48) t-1,3-Dichloropropene	10.818	75	53391	16.116	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	56449	17.037	ug/l	93
50) 1,1,2-Trichloroethane	10.994	97	33573	16.620	ug/l	97
51) Ethyl methacrylate	10.859	69	47984	15.533	ug/l	95
52) 1,3-Dichloropropane	11.141	76	58111	16.731	ug/l	99
53) Dibromochloromethane	11.341	129	41783	17.648	ug/l	100
54) 1,2-Dibromoethane	11.447	107	36041	17.406	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	124745	72.592	ug/l	99
56) Bromoform	12.559	173	25923	15.395	ug/l #	97
58) 4-Methyl-2-Pentanone	10.430	43	297339	93.321	ug/l	99
59) 2-Hexanone	11.177	43	195198	90.765	ug/l	99
61) Tetrachloroethene	11.088	164	27998	19.241	ug/l	92
62) Toluene	10.612	91	143417	18.073	ug/l	100
64) Chlorobenzene	11.871	112	93824	18.493	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.935	131	34623	18.675	ug/l	99
66) Ethyl Benzene	11.941	91	151123	17.591	ug/l	98
67) m/p-Xylenes	12.053	106	121002	35.590	ug/l	100
68) o-Xylene	12.376	106	57520	17.637	ug/l	99
69) Styrene	12.394	104	98870	17.424	ug/l	97
70) Isopropylbenzene	12.676	105	140498	17.105	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.918	83	50739	17.560	ug/l	93
72) 1,2,3-Trichloropropane	12.971	75	43963m	17.031	ug/l	
73) Bromobenzene	12.959	156	38565	18.038	ug/l	96
74) n-propylbenzene	13.012	91	176863	17.051	ug/l	99
75) 2-Chlorotoluene	13.106	91	110798	17.785	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	123452	17.279	ug/l	100
77) t-1,4-Dichloro-2-butene	12.718	75	14650	14.201	ug/l	80
78) 4-Chlorotoluene	13.200	91	113552	17.090	ug/l	100
79) tert-butylbenzene	13.418	119	99044	16.323	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	124642	17.090	ug/l	99
81) sec-Butylbenzene	13.594	105	148771	16.989	ug/l	100
82) p-Isopropyltoluene	13.706	119	123224	16.395	ug/l	96
83) 1,3-Dichlorobenzene	13.712	146	73978	17.174	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	74216	17.455	ug/l	96
85) n-Butylbenzene	14.035	91	113070	16.335	ug/l	99
86) Hexachloroethane	14.312	117	24849	16.990	ug/l	99
87) 1,2-Dichlorobenzene	14.082	146	70273	17.327	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	12352	18.373	ug/l	91
89) 1,2,4-Trichlorobenzene	15.817	180	39015	16.676	ug/l	96
90) Hexachlorobutadiene	15.476	225	17050	17.668	ug/l	93
91) Naphthalene	15.617	128	131958	16.946	ug/l	98
92) 1,2,3-Trichlorobenzene	15.817	180	39015	16.676	ug/l	96

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.794 min Scan# 993

Delta R.T. 0.000 min

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ICVVN072325

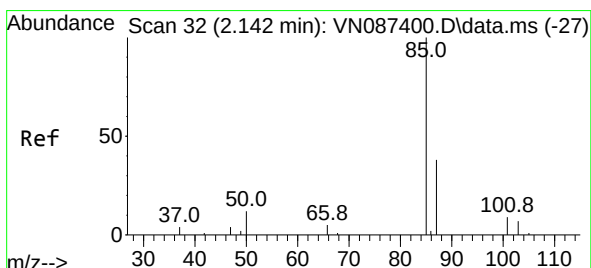
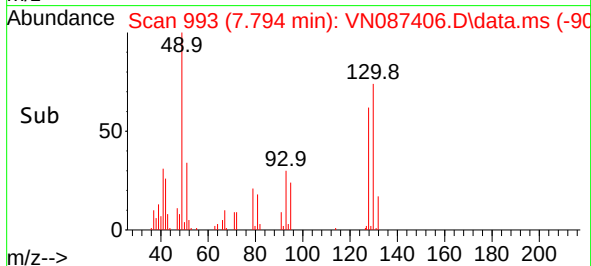
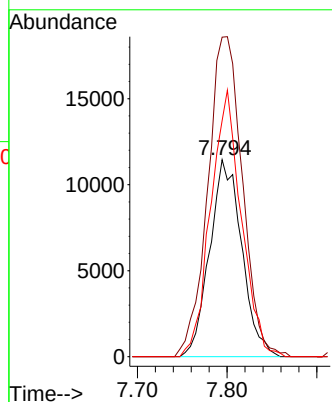
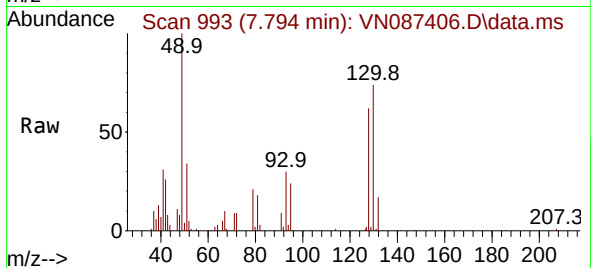
Tgt Ion:	128	Resp:	28418
Ion Ratio	Lower	Upper	
128	100		
49	175.5	0.0	446.2
130	129.6	0.0	331.0

Manual Integrations

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Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#2

Dichlorodifluoromethane

Concen: 18.571 ug/l

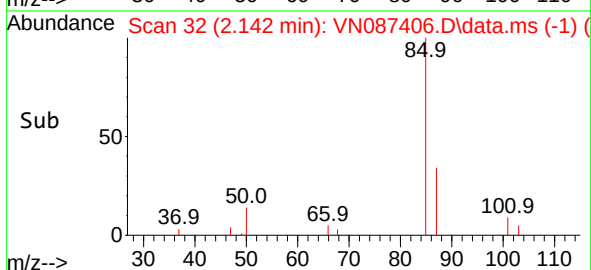
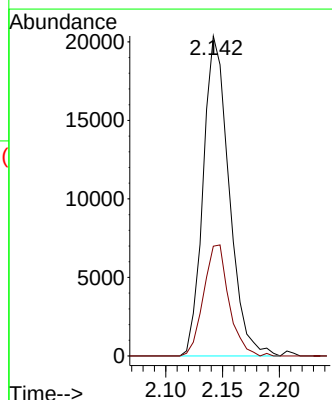
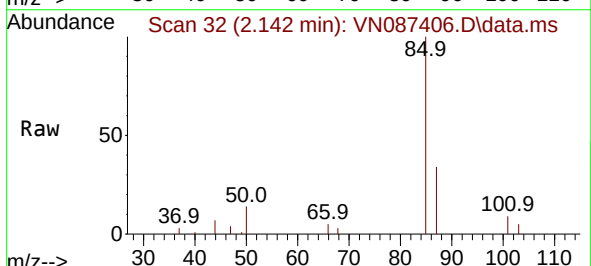
RT: 2.142 min Scan# 32

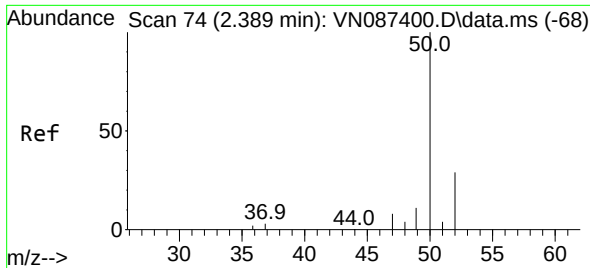
Delta R.T. 0.000 min

Lab File: VN087406.D

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Tgt Ion:	85	Resp:	32291
Ion Ratio	Lower	Upper	
85	100		
87	34.3	18.9	56.9





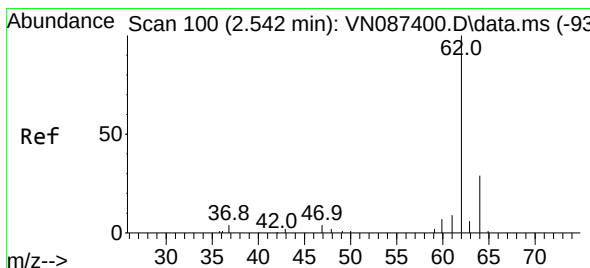
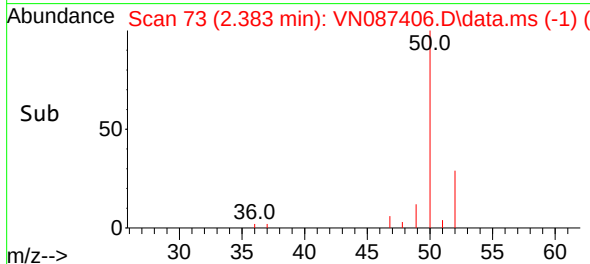
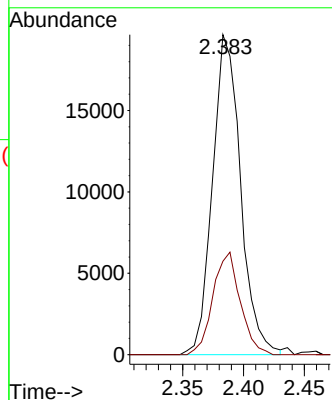
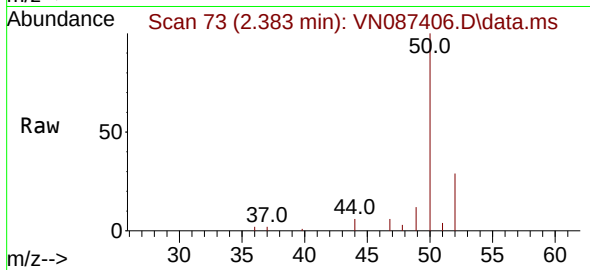
#3
Chloromethane
Concen: 18.264 ug/l
RT: 2.383 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Instrument :
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ClientSampleId :
ICVVN072325

Tgt Ion: 50 Resp: 31544
Ion Ratio Lower Upper
50 100
52 29.2 23.2 34.8

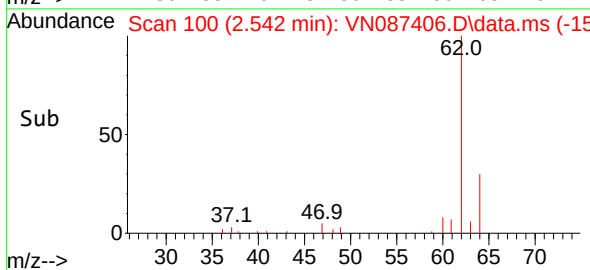
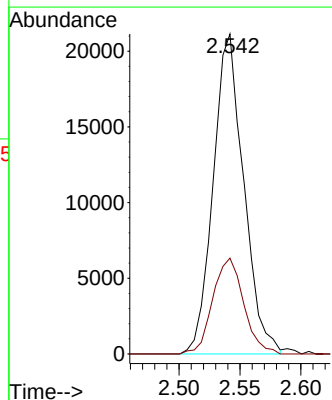
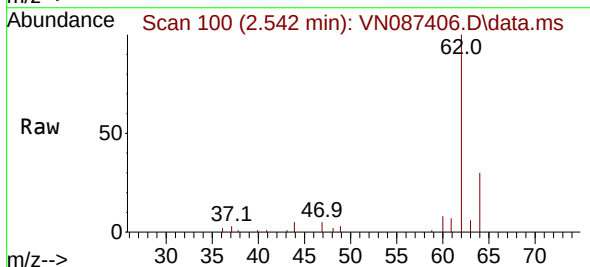
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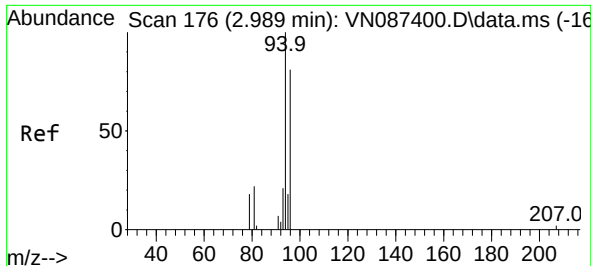
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#4
Vinyl Chloride
Concen: 19.324 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Tgt Ion: 62 Resp: 36783
Ion Ratio Lower Upper
62 100
64 29.9 23.2 34.8





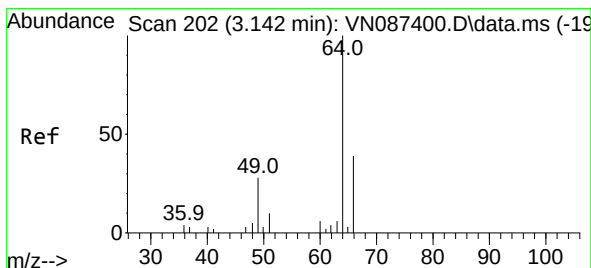
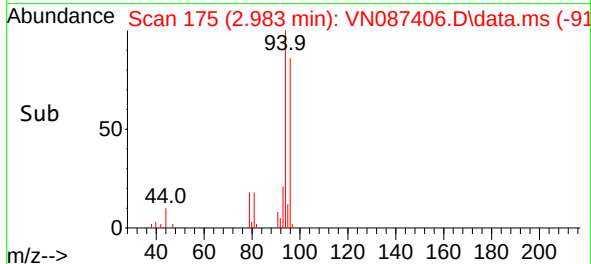
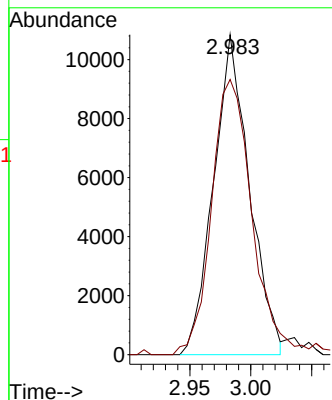
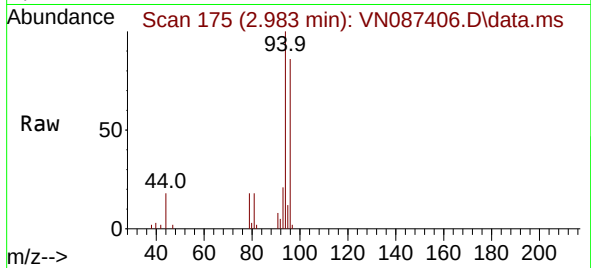
#5
Bromomethane
Concen: 18.856 ug/l
RT: 2.983 min Scan# 176
Delta R.T. -0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Instrument :
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Tgt Ion: 94 Resp: 22210
Ion Ratio Lower Upper
94 100
96 83.5 64.6 96.8

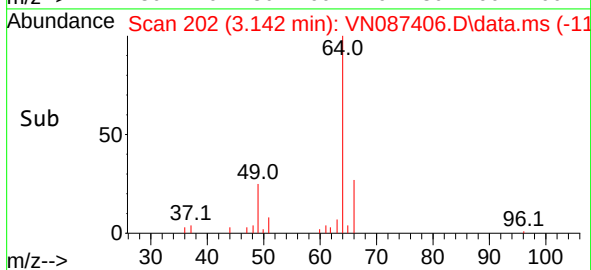
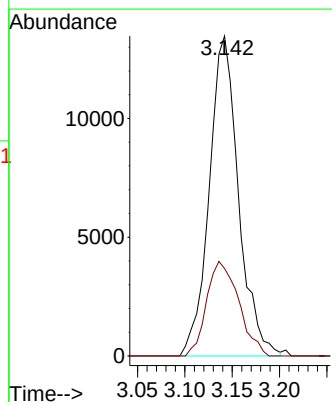
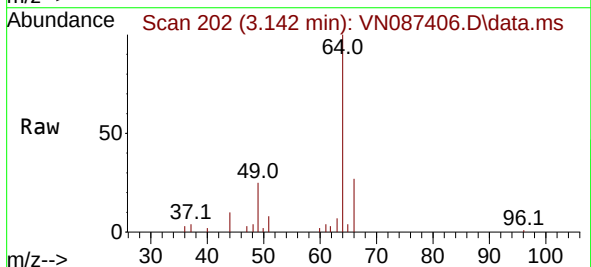
Manual Integrations
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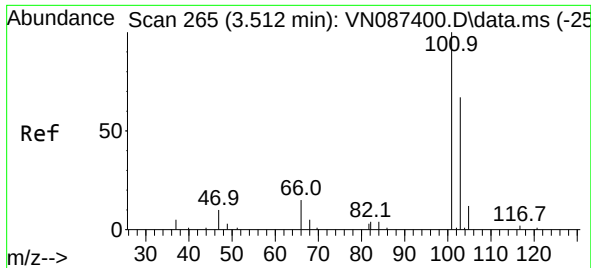
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#6
Chloroethane
Concen: 19.814 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Tgt Ion: 64 Resp: 28986
Ion Ratio Lower Upper
64 100
66 27.3 31.4 47.2#





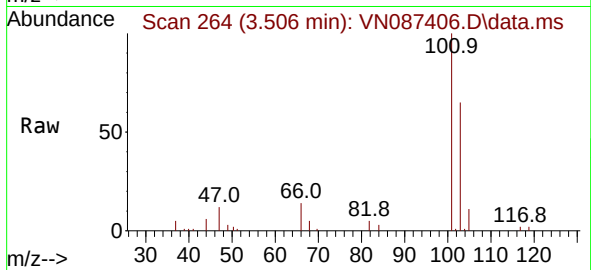
#7
 Trichlorofluoromethane
 Concen: 18.899 ug/l
 RT: 3.506 min Scan# 265
 Delta R.T. -0.006 min
 Lab File: VN087406.D
 Acq: 23 Jul 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072325



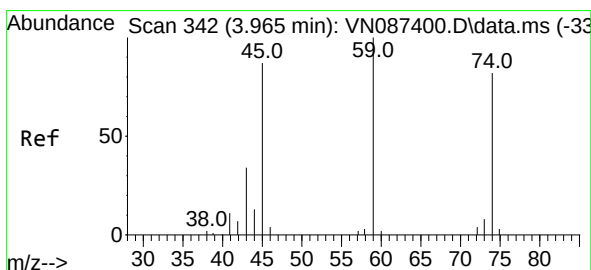
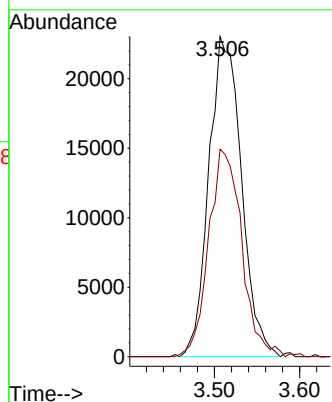
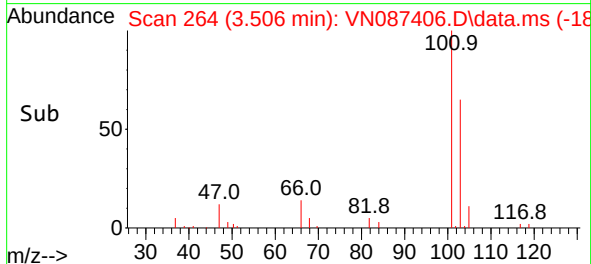
Tgt Ion:101 Resp: 61179
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.7 80.5

Manual Integrations

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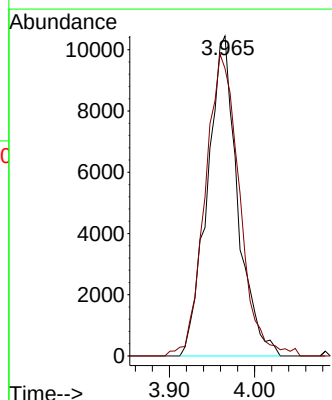
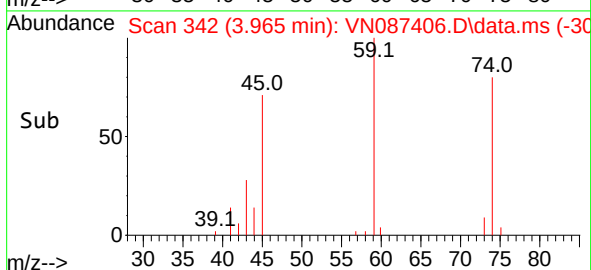
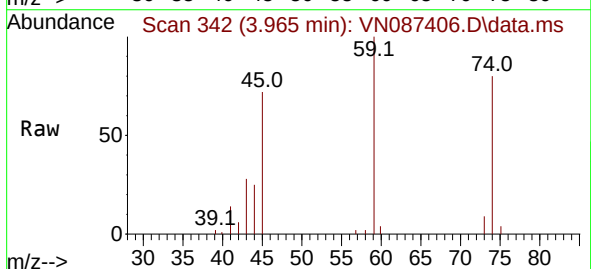
Reviewed By :John Carlone 07/24/2025

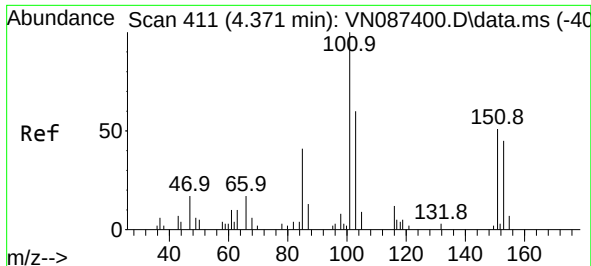
Supervised By :Mahesh Dadoda 07/24/2025



#8
 Diethyl Ether
 Concen: 20.003 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087406.D
 Acq: 23 Jul 2025 14:57

Tgt Ion: 74 Resp: 25776
 Ion Ratio Lower Upper
 74 100
 45 106.5 21.4 192.8





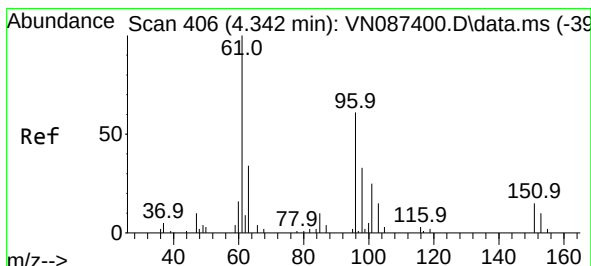
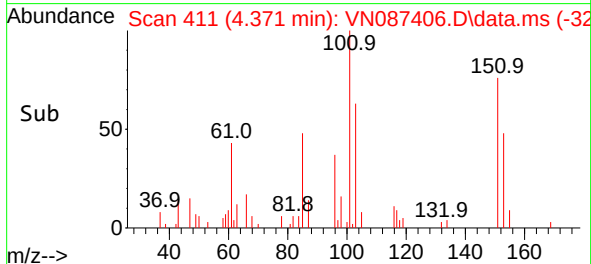
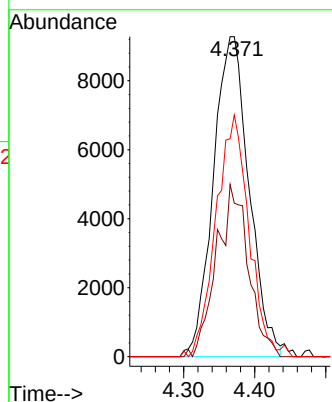
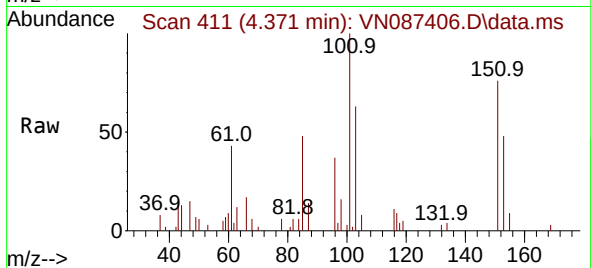
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.896 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN087406.D
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 ICVVN072325

Tgt Ion:101 Resp: 3241
 Ion Ratio Lower Upper
 101 100
 85 4.6 0.0 94.8
 151 69.0 0.0 64.8

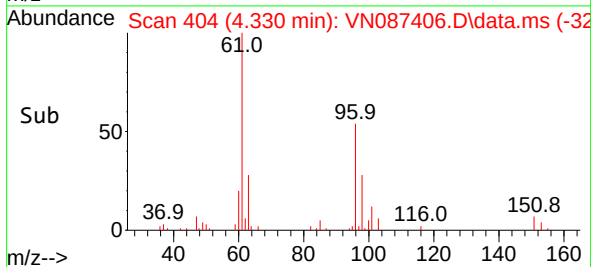
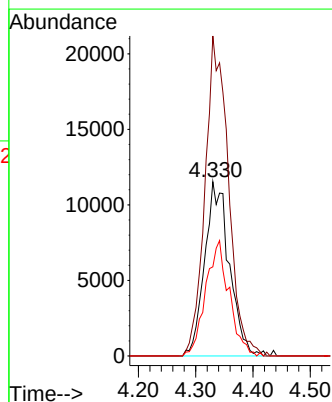
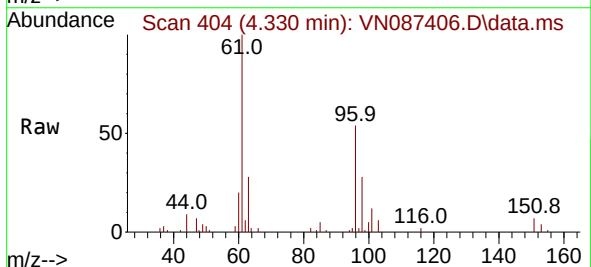
Manual Integrations
 APPROVED

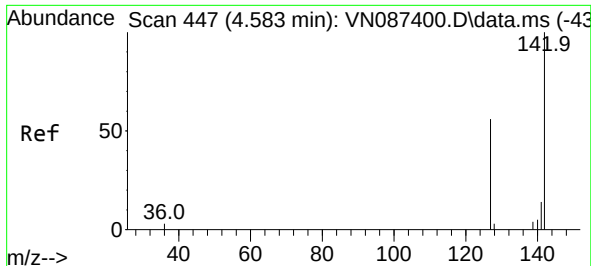
Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025



#10
 1,1-Dichloroethene
 Concen: 19.367 ug/l m
 RT: 4.330 min Scan# 404
 Delta R.T. -0.012 min
 Lab File: VN087406.D
 Acq: 23 Jul 2025 14:57

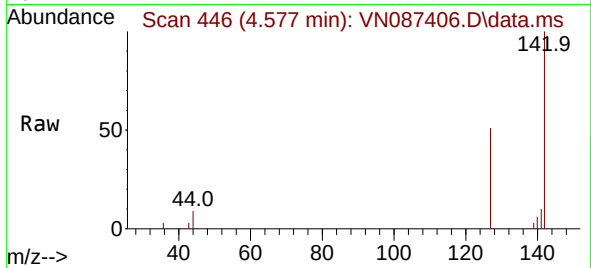
Tgt Ion: 96 Resp: 34495
 Ion Ratio Lower Upper
 96 100
 61 183.7 131.8 197.8
 98 51.2 43.0 64.4





#11
Methyl Iodide
Concen: 15.828 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

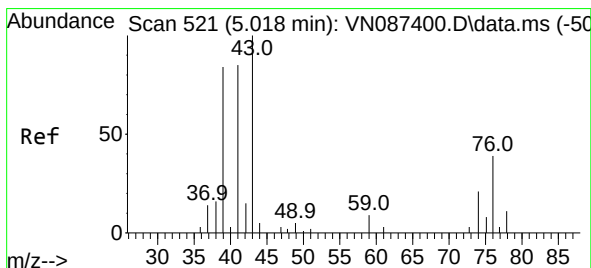
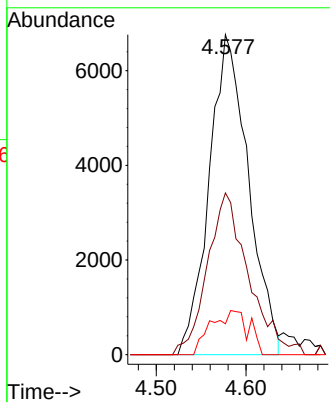
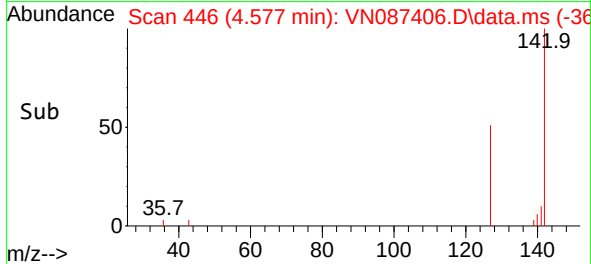
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion:142 Resp: 20564
Ion Ratio Lower Upper
142 100
127 48.0 27.7 83.0
141 9.9 7.2 21.6

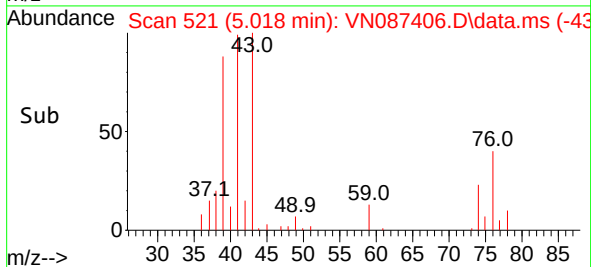
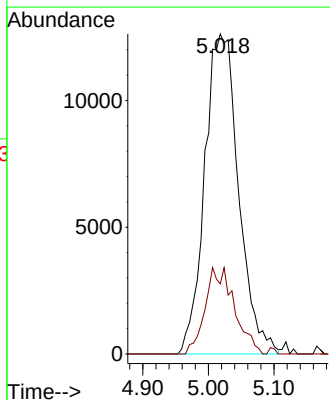
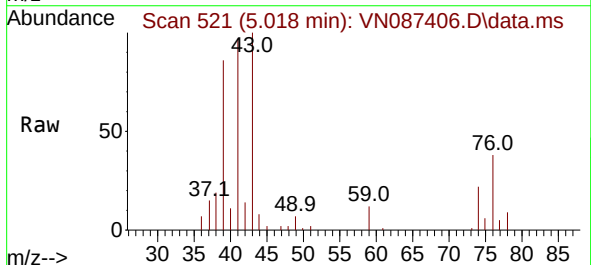
Manual Integrations
APPROVED

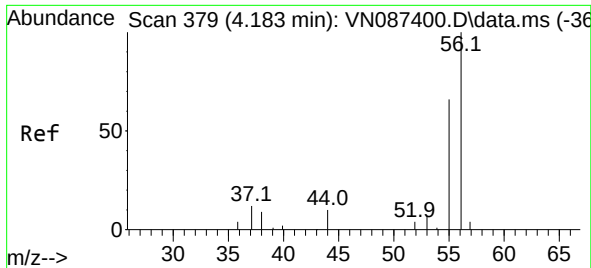
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#12
Methyl Acetate
Concen: 19.590 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

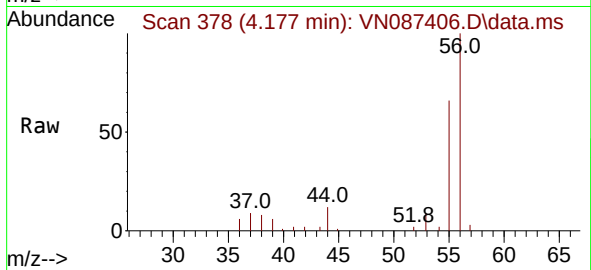
Tgt Ion: 43 Resp: 45382
Ion Ratio Lower Upper
43 100
74 22.1 16.9 25.3





#13
Acrolein
Concen: 103.136 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

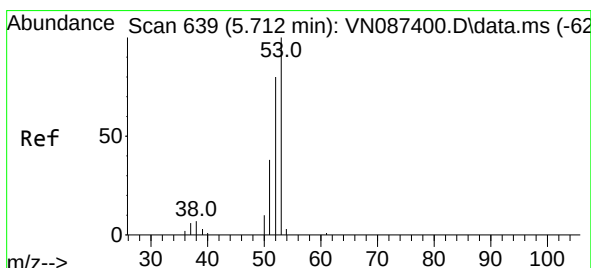
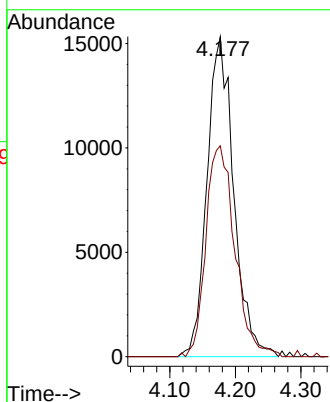
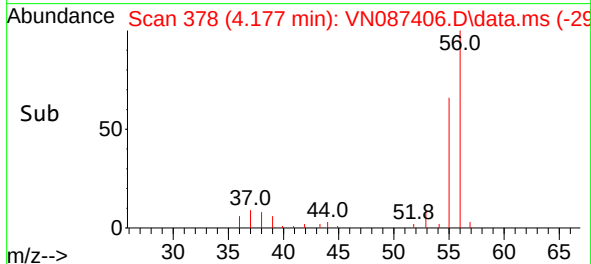
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion: 56 Resp: 4343
Ion Ratio Lower Upper
56 100
55 70.3 56.8 85.2

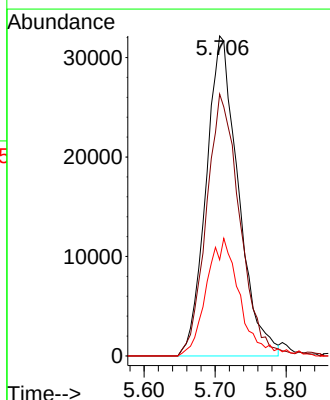
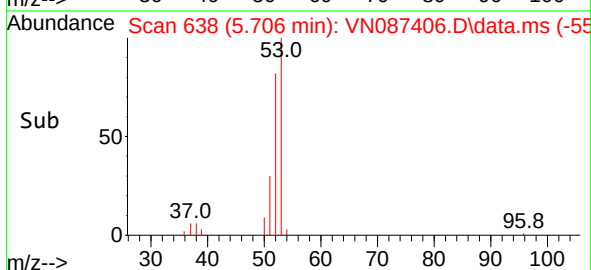
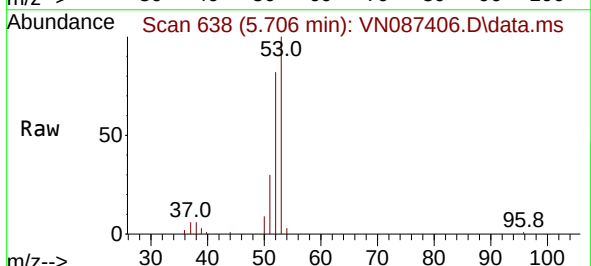
Manual Integrations
APPROVED

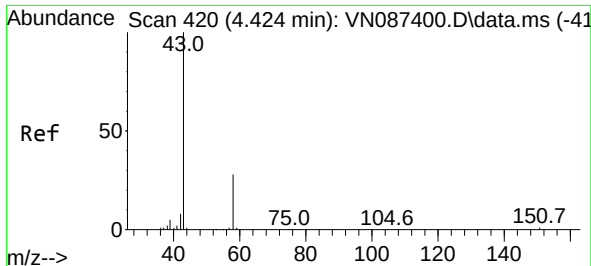
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#14
Acrylonitrile
Concen: 95.581 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Tgt Ion: 53 Resp: 101122
Ion Ratio Lower Upper
53 100
52 84.9 41.5 124.6
51 17.3 19.4 58.4#





#15

Acetone

Concen: 101.649 ug/l

RT: 4.418 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN087406.D

Acq: 23 Jul 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072325

Tgt Ion: 58 Resp: 3796

Ion Ratio Lower Upper

58 100

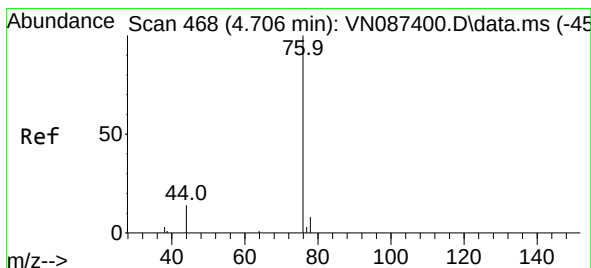
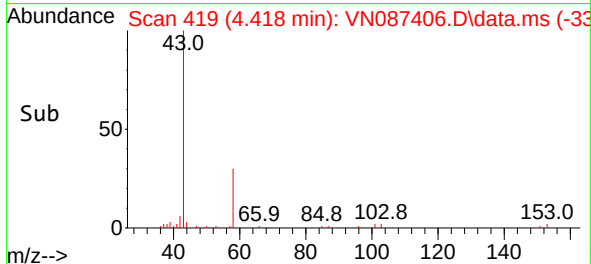
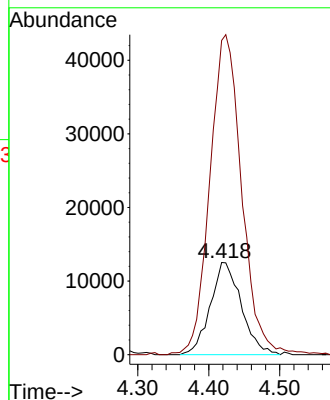
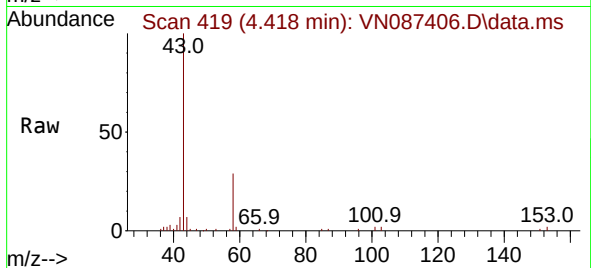
43 338.6 283.4 425.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#16

Carbon Disulfide

Concen: 19.344 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.006 min

Lab File: VN087406.D

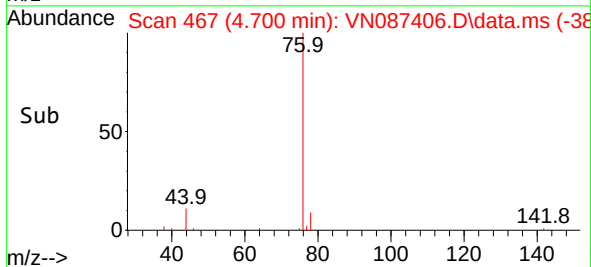
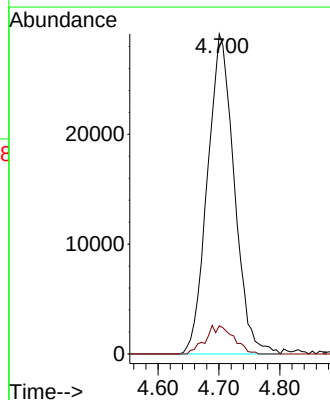
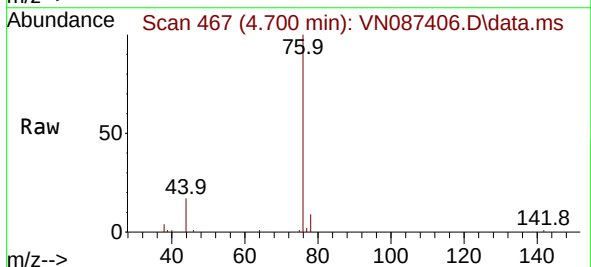
Acq: 23 Jul 2025 14:57

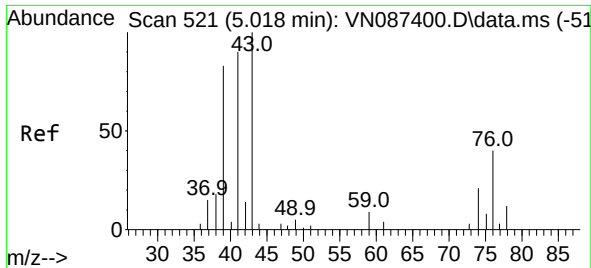
Tgt Ion: 76 Resp: 88979

Ion Ratio Lower Upper

76 100

78 8.8 6.6 10.0





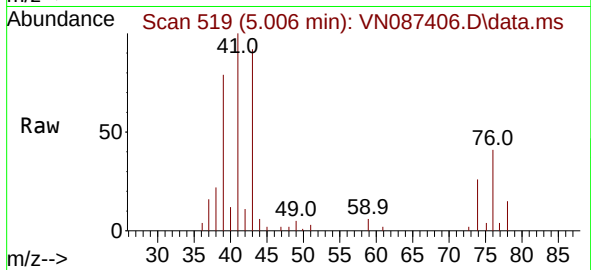
#17
 Allyl chloride
 Concen: 17.369 ug/l
 RT: 5.006 min Scan# 519
 Delta R.T. -0.012 min
 Lab File: VN087406.D
 Acq: 23 Jul 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072325



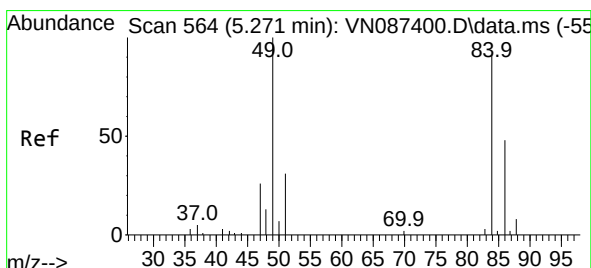
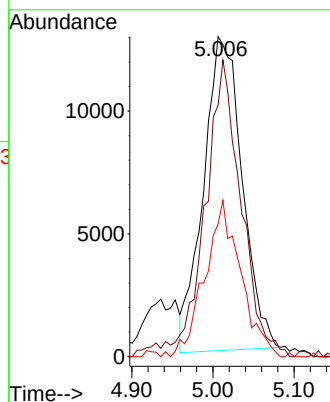
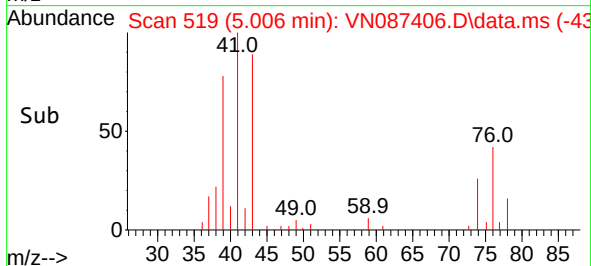
Tgt Ion: 41 Resp: 42378
 Ion Ratio Lower Upper
 41 100
 39 78.6 42.9 128.7
 76 42.7 19.8 59.4

Manual Integrations

APPROVED

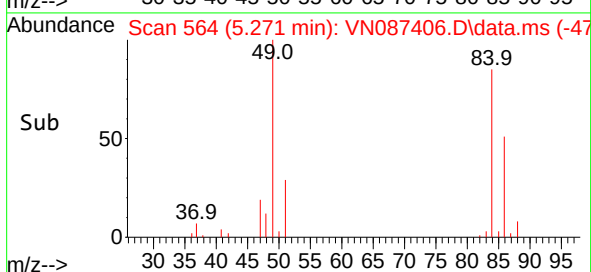
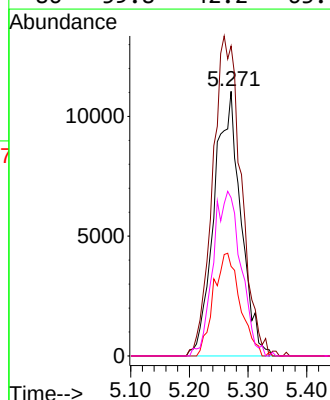
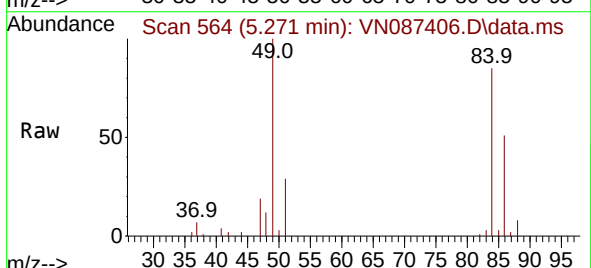
Reviewed By :John Carlone 07/24/2025

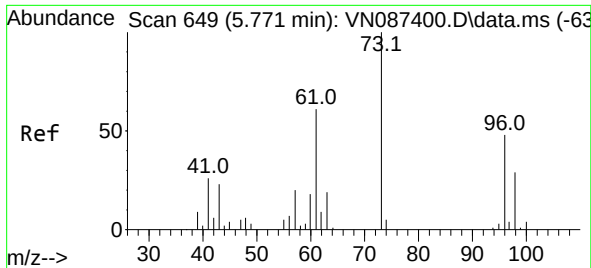
Supervised By :Mahesh Dadoda 07/24/2025



#18
 Methylene Chloride
 Concen: 19.310 ug/l m
 RT: 5.271 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: VN087406.D
 Acq: 23 Jul 2025 14:57

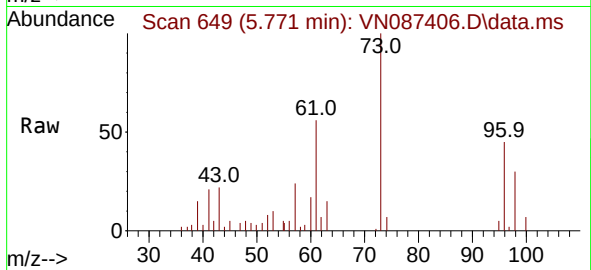
Tgt Ion: 84 Resp: 34807
 Ion Ratio Lower Upper
 84 100
 49 117.1 88.4 132.6
 51 33.8 27.3 40.9
 86 59.8 42.2 63.4





#19
trans-1,2-Dichloroethene
Concen: 18.340 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

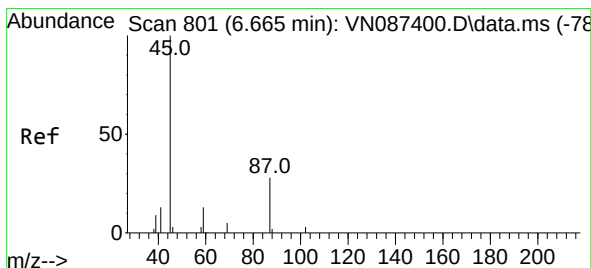
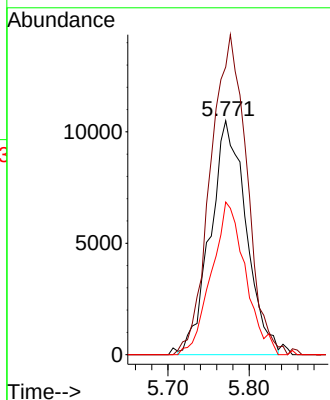
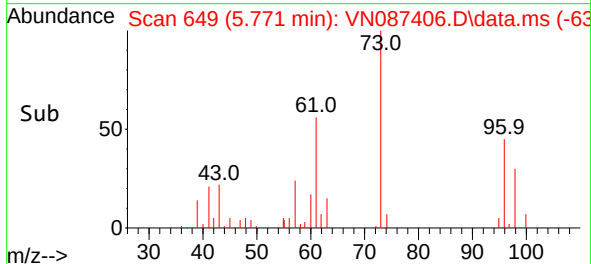
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion: 96 Resp: 32079
Ion Ratio Lower Upper
96 100
61 122.9 101.7 152.5
98 66.2 48.2 72.4

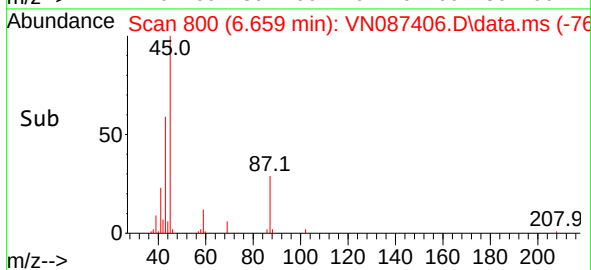
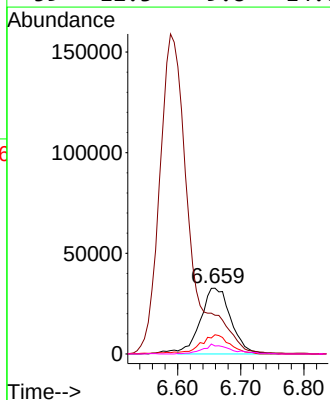
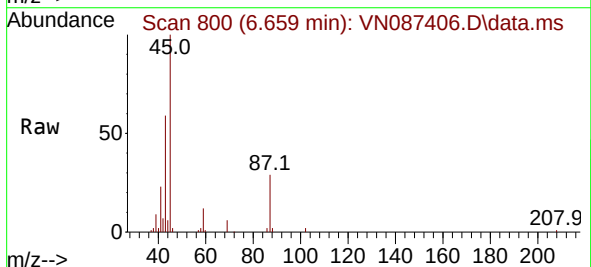
Manual Integrations
APPROVED

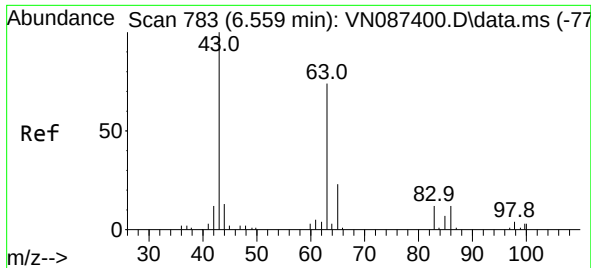
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#20
Diisopropyl ether
Concen: 17.564 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Tgt Ion: 45 Resp: 108364
Ion Ratio Lower Upper
45 100
43 57.4 46.0 69.0
87 29.1 23.4 35.2
59 12.3 9.8 14.6





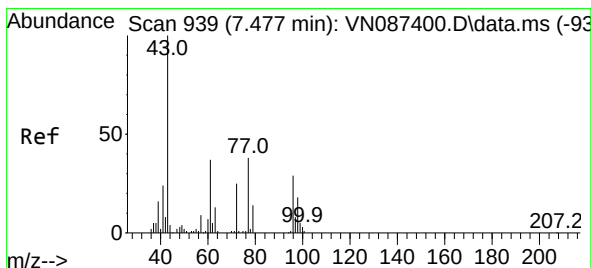
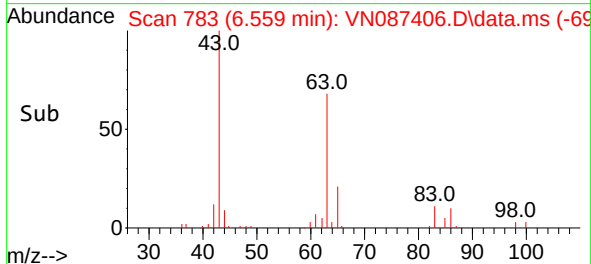
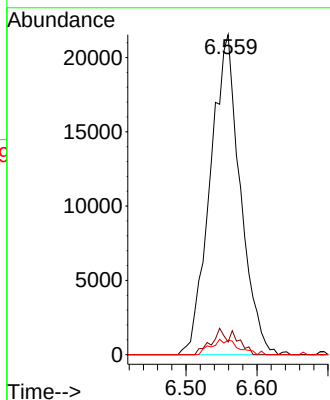
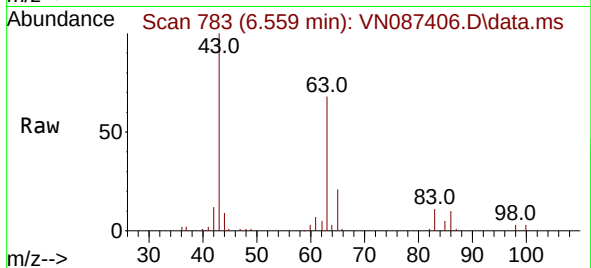
#21
1,1-Dichloroethane
Concen: 19.198 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325

Tgt Ion: 63 Resp: 6326
Ion Ratio Lower Upper
63 100
98 4.0 2.9 8.6
100 4.5 3.6 10.8

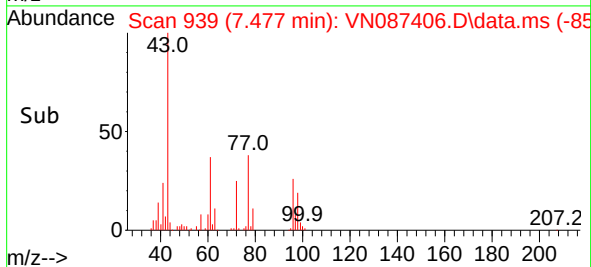
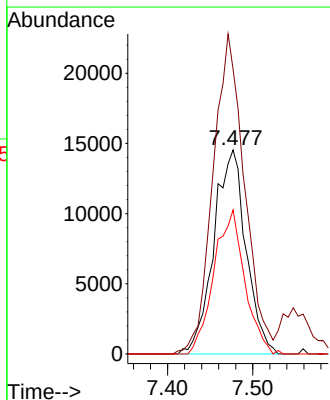
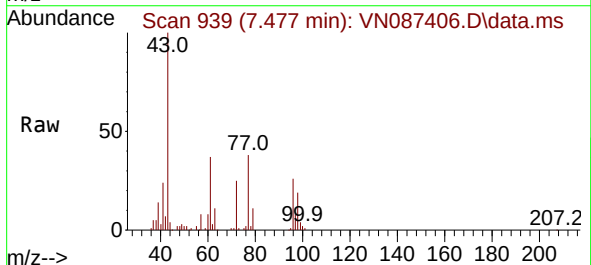
Manual Integrations
APPROVED

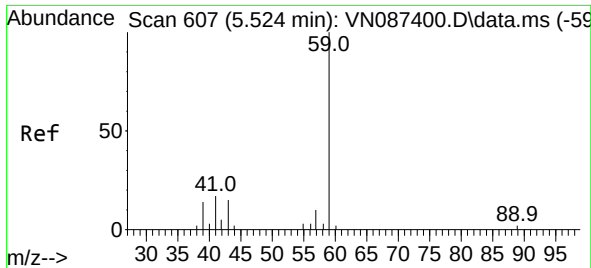
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#22
cis-1,2-Dichloroethene
Concen: 18.673 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

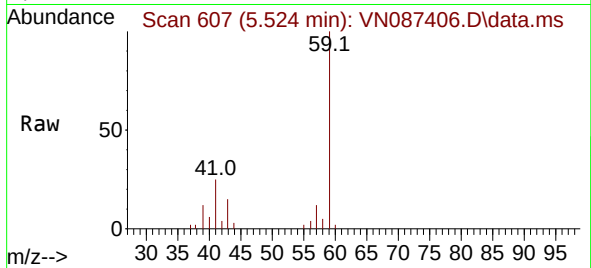
Tgt Ion: 96 Resp: 38258
Ion Ratio Lower Upper
96 100
61 153.4 120.4 180.6
98 67.2 54.0 81.0





#23
tert-Butyl Alcohol
Concen: 104.327 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

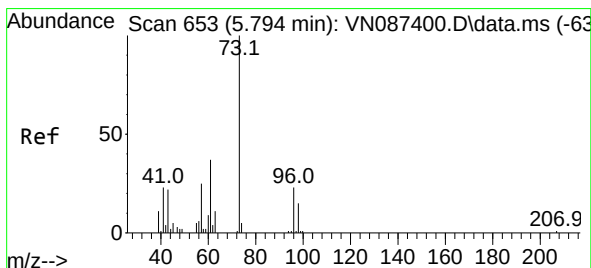
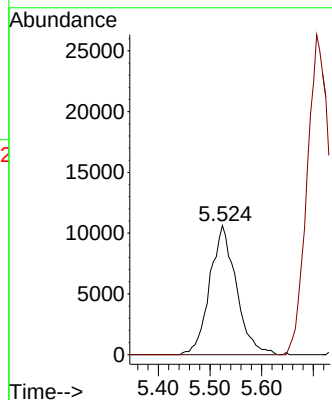
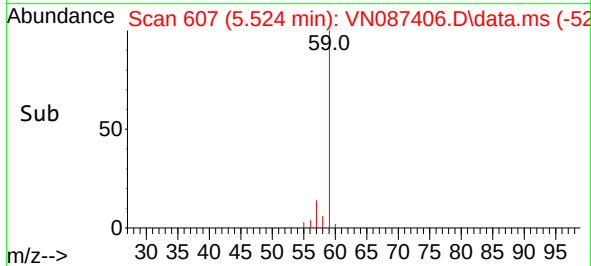
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion: 59 Resp: 37828
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

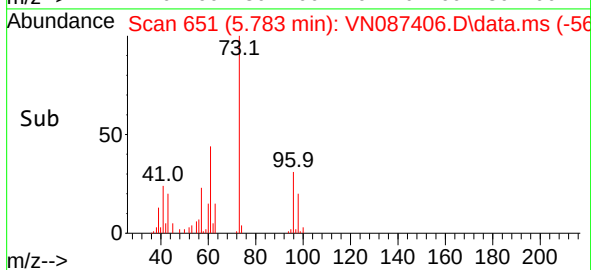
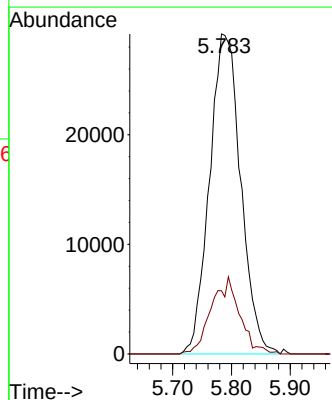
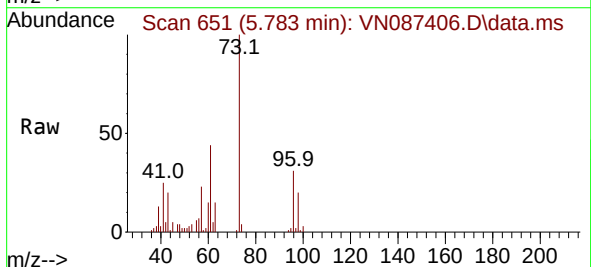
Manual Integrations
APPROVED

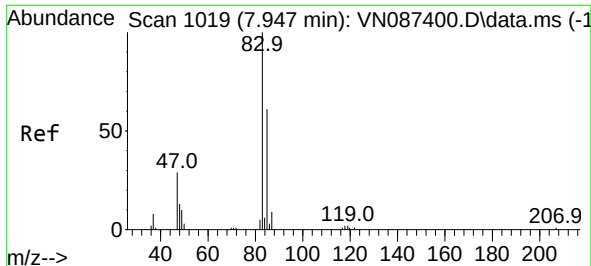
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#24
Methyl tert-Butyl Ether
Concen: 18.700 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.012 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

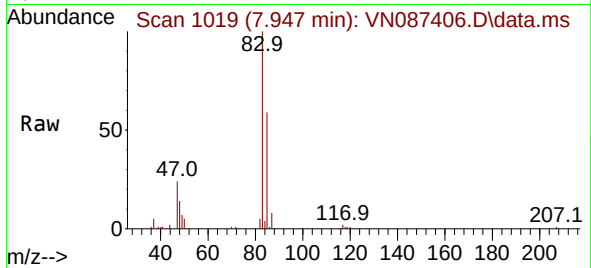
Tgt Ion: 73 Resp: 107632
Ion Ratio Lower Upper
73 100
43 11.3 17.7 26.5#





#25
Chloroform
Concen: 19.017 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

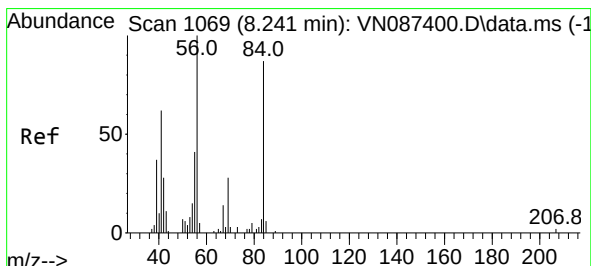
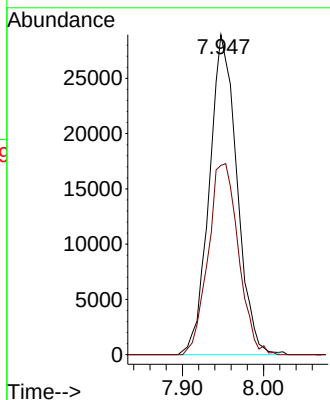
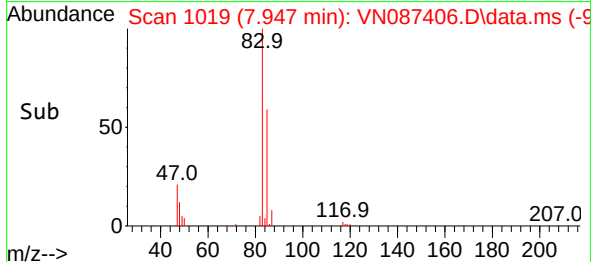
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion: 83 Resp: 6863
Ion Ratio Lower Upper
83 100
85 59.2 48.6 73.0

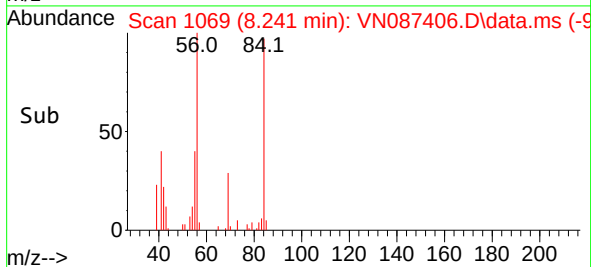
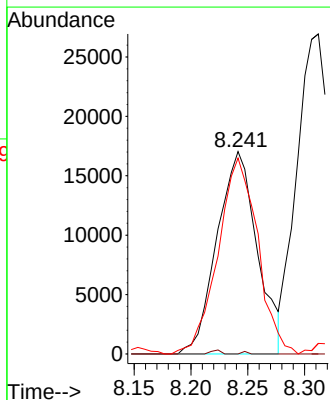
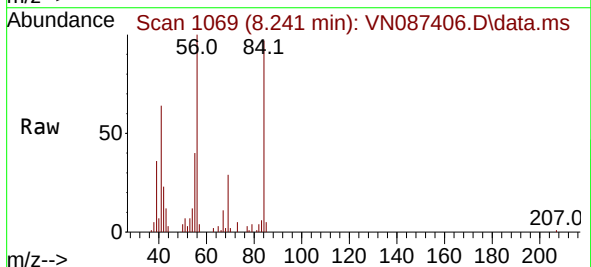
Manual Integrations
APPROVED

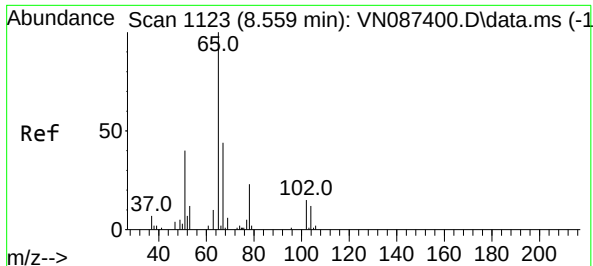
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#26
Cyclohexane
Concen: 17.073 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Tgt Ion: 56 Resp: 41943
Ion Ratio Lower Upper
56 100
89 0.5 1.5 2.3#
84 95.2 71.2 106.8





#27

1,2-Dichloroethane-d4

Concen: 30.523 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087406.D

Acq: 23 Jul 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072325

Tgt Ion: 65 Resp: 71530

Ion Ratio Lower Upper

65 100

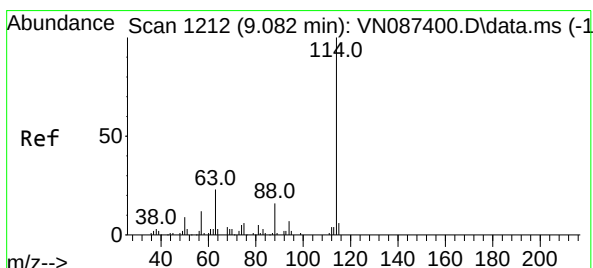
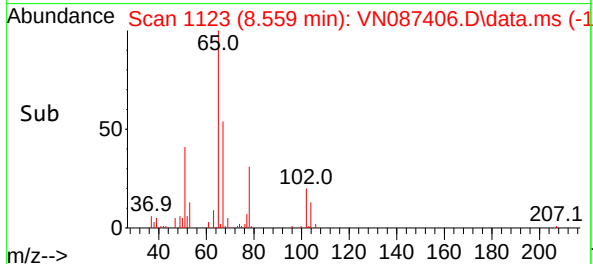
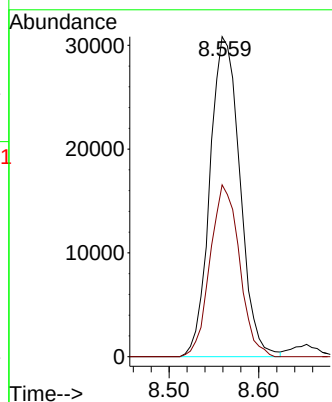
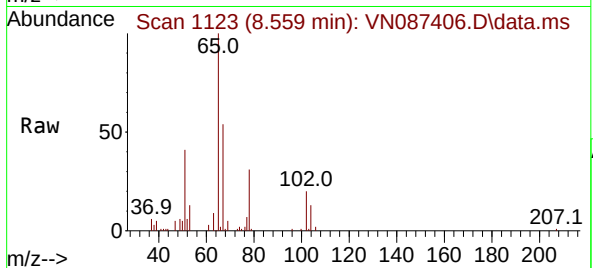
67 52.6 40.2 60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087406.D

Acq: 23 Jul 2025 14:57

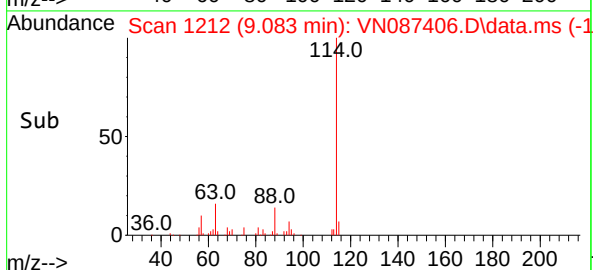
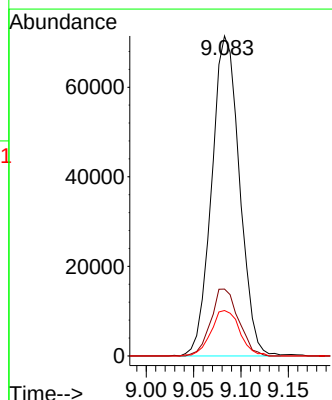
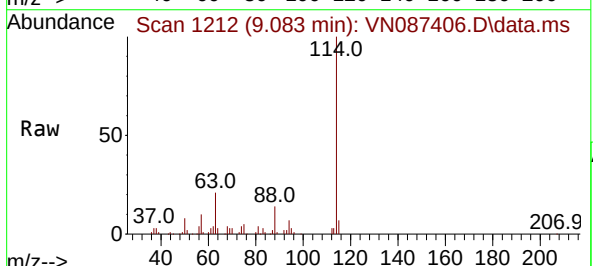
Tgt Ion:114 Resp: 146041

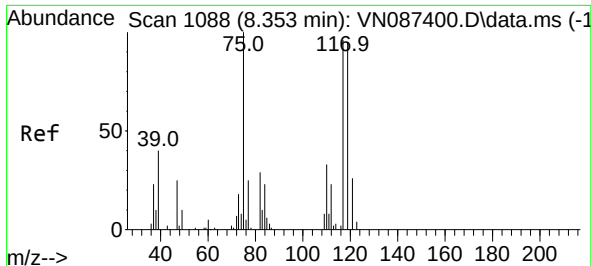
Ion Ratio Lower Upper

114 100

63 20.8 16.8 25.2

88 14.7 12.5 18.7





#29

1,1-Dichloropropene

Concen: 16.642 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087406.D

Acq: 23 Jul 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072325

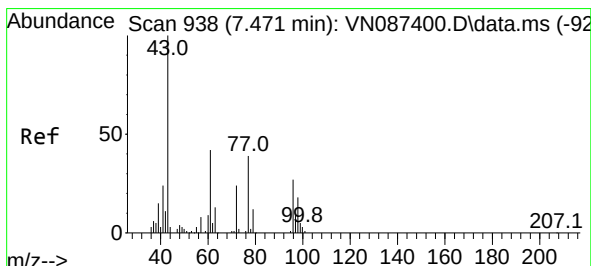
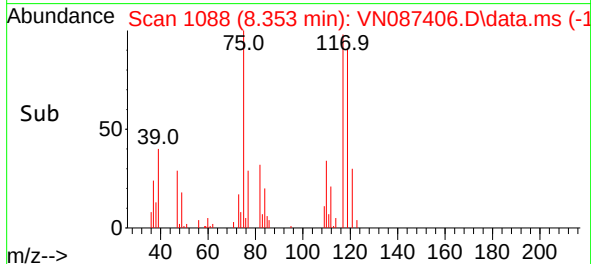
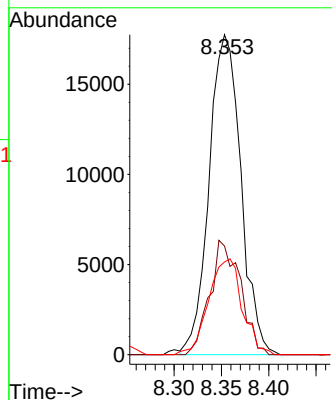
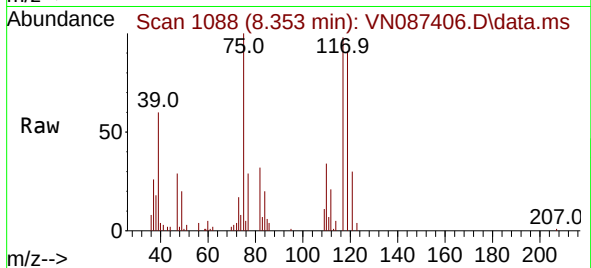
Tgt Ion:	75	Resp:	4146
Ion Ratio	Lower	Upper	
75	100		
110	34.5	0.0	66.4
77	31.5	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#30

2-Butanone

Concen: 87.771 ug/l

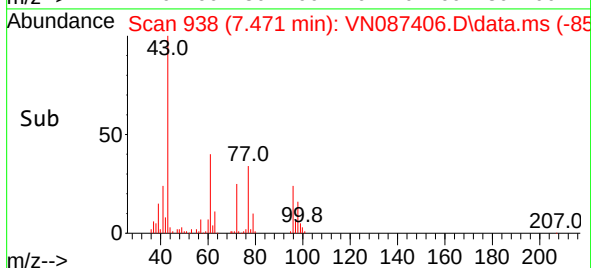
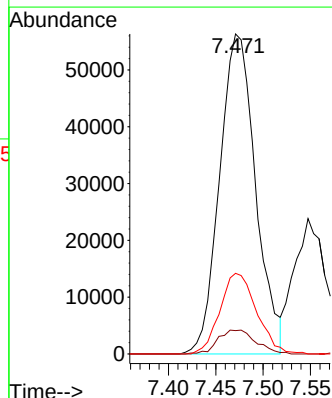
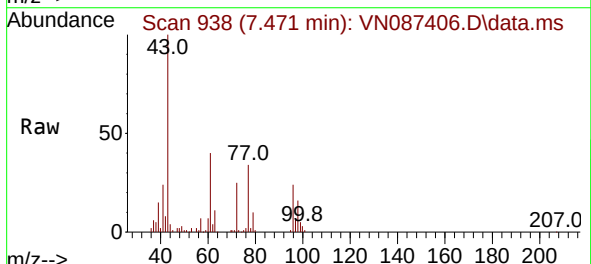
RT: 7.471 min Scan# 938

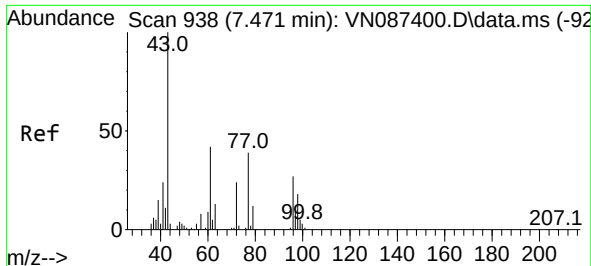
Delta R.T. 0.000 min

Lab File: VN087406.D

Acq: 23 Jul 2025 14:57

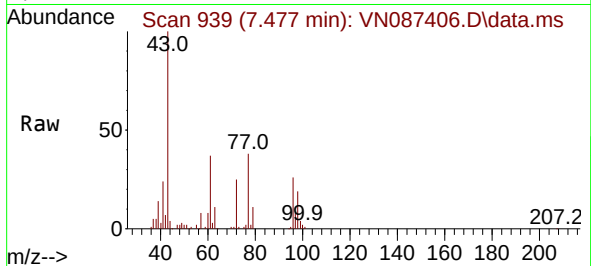
Tgt Ion:	43	Resp:	148938
Ion Ratio	Lower	Upper	
43	100		
57	7.9	6.6	9.8
72	25.7	20.6	30.8





#31
2,2-Dichloropropane
Concen: 18.049 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

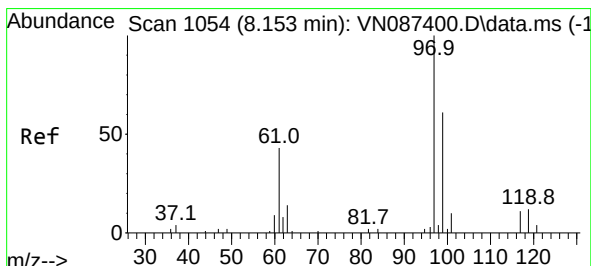
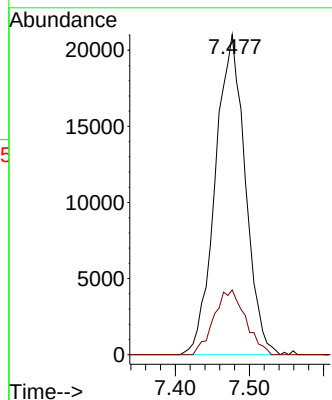
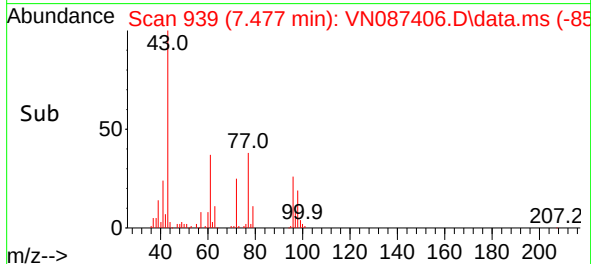
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion: 77 Resp: 5906
Ion Ratio Lower Upper
77 100
97 21.4 17.1 25.7

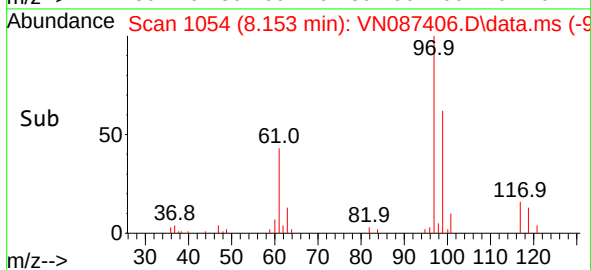
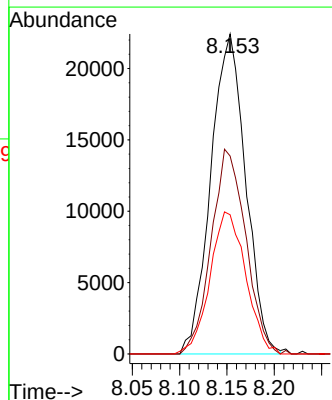
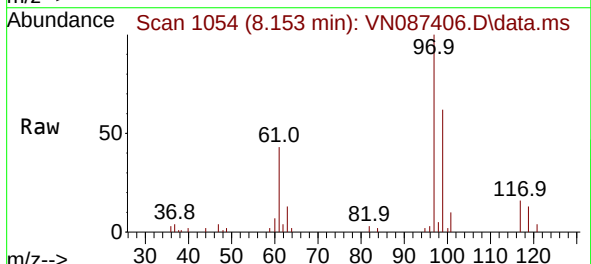
Manual Integrations
APPROVED

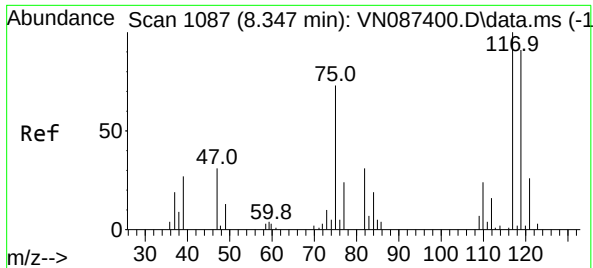
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#32
1,1,1-Trichloroethane
Concen: 17.624 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

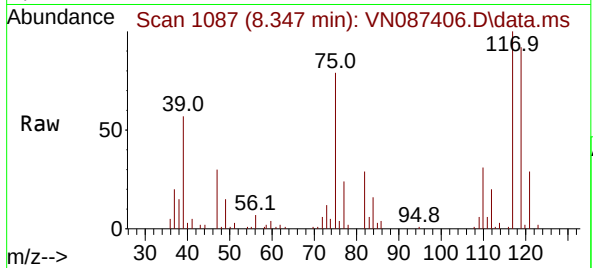
Tgt Ion: 97 Resp: 57474
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.6
61 45.4 36.1 54.1





#33
Carbon Tetrachloride
Concen: 17.348 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

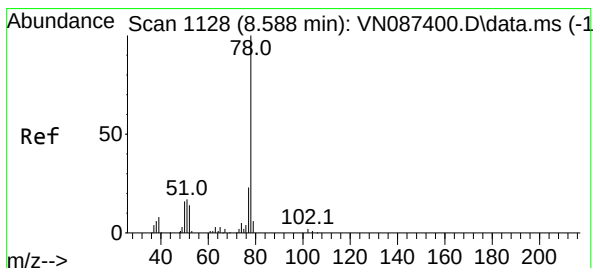
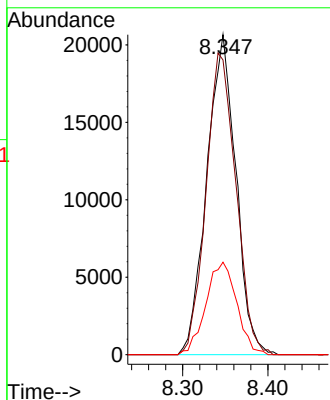
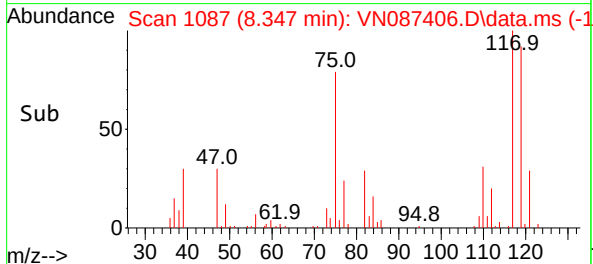
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion:117 Resp: 49140
Ion Ratio Lower Upper
117 100
119 92.1 72.7 109.1
121 28.9 21.1 31.7

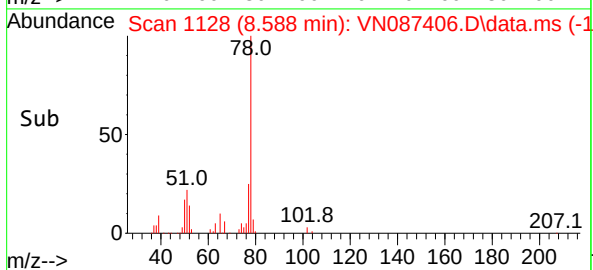
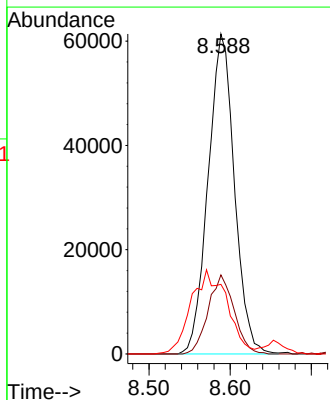
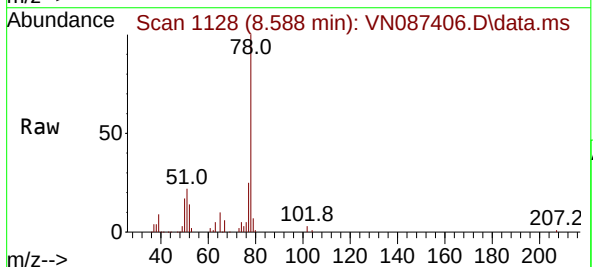
Manual Integrations
APPROVED

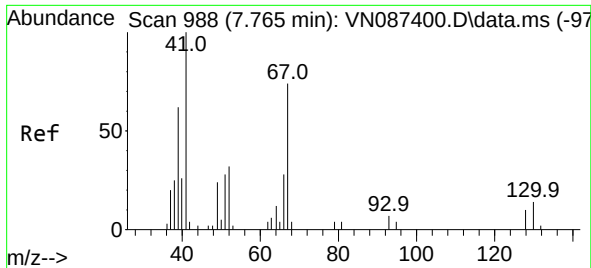
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#34
Benzene
Concen: 17.187 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

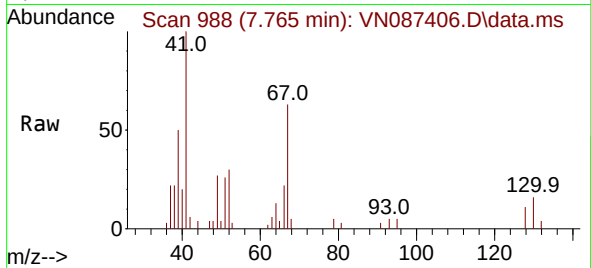
Tgt Ion: 78 Resp: 138310
Ion Ratio Lower Upper
78 100
77 24.7 18.2 27.2
51 18.3 13.8 20.8





#35
Methacrylonitrile
Concen: 16.362 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

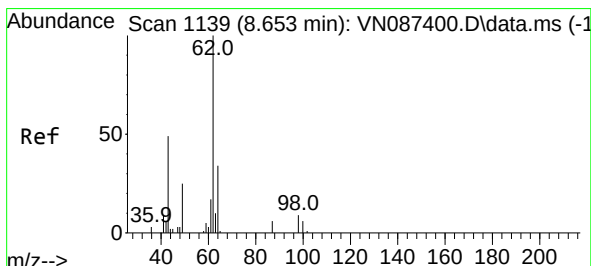
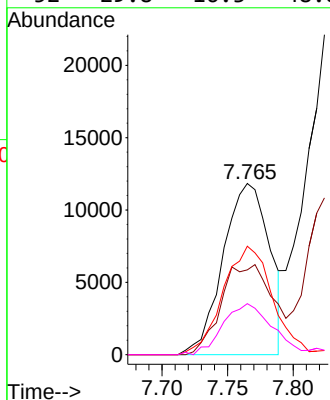
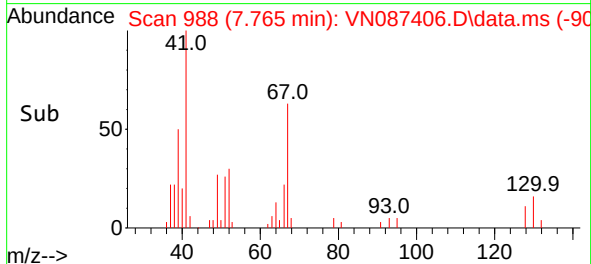
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion: 41 Resp: 29197
Ion Ratio Lower Upper
41 100
39 49.6 31.0 93.0
67 63.4 36.8 110.3
52 29.8 16.3 48.8

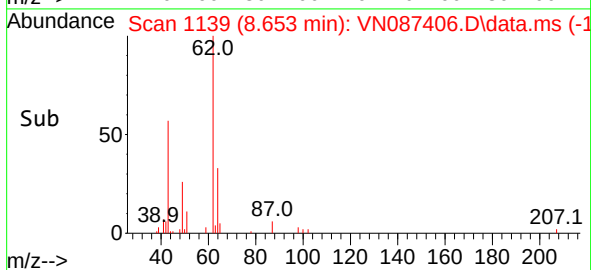
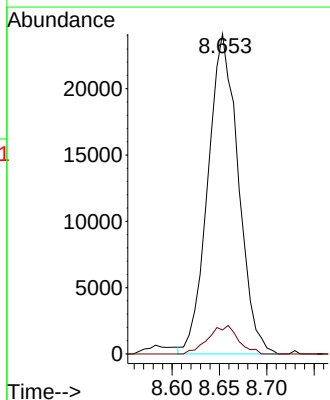
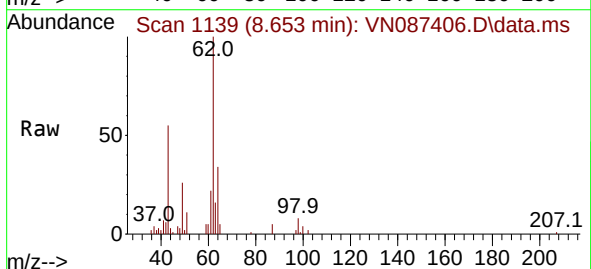
Manual Integrations
APPROVED

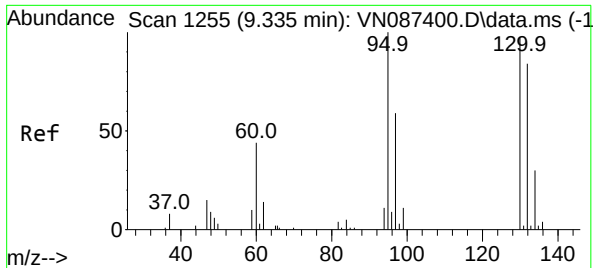
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#36
1,2-Dichloroethane
Concen: 16.957 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

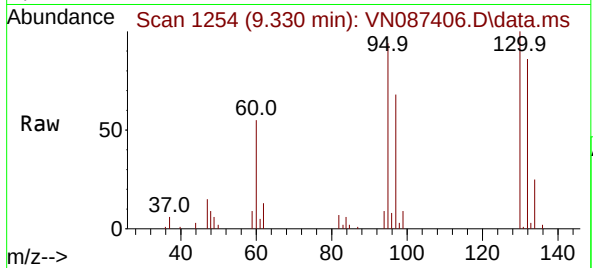
Tgt Ion: 62 Resp: 53833
Ion Ratio Lower Upper
62 100
98 8.8 6.6 9.8





#37
Trichloroethene
Concen: 16.997 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

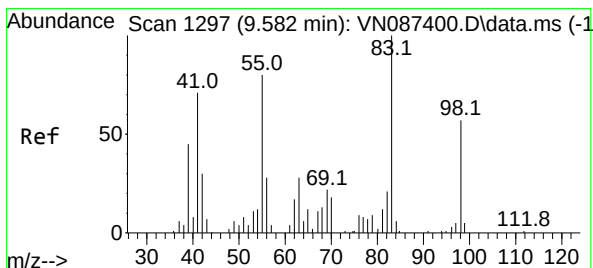
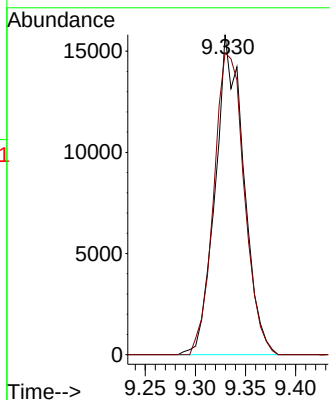
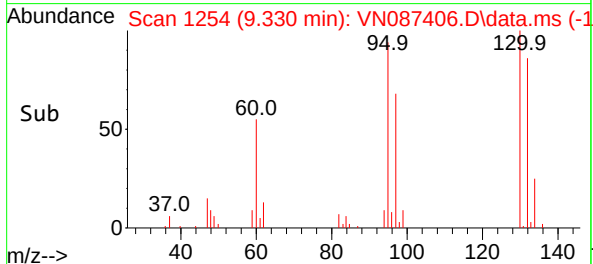
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



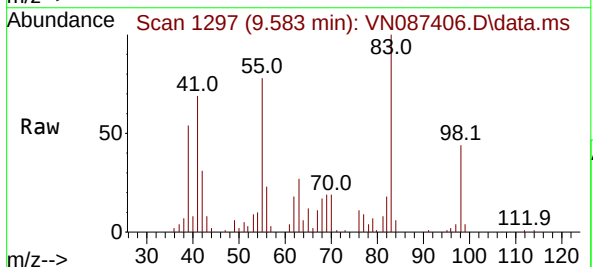
Tgt Ion:130 Resp: 31214
Ion Ratio Lower Upper
130 100
95 94.3 82.4 123.6

Manual Integrations
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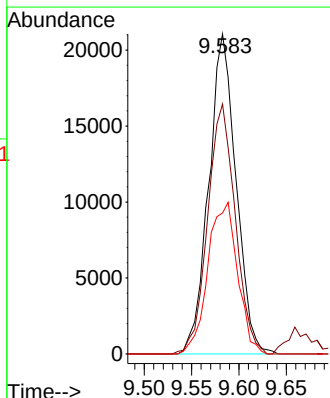
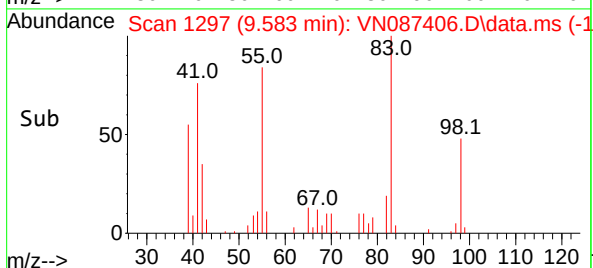
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

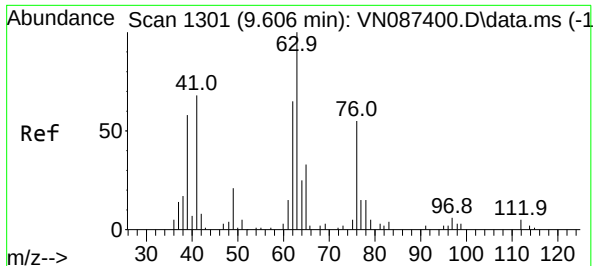


#38
Methylcyclohexane
Concen: 16.069 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57



Tgt Ion: 83 Resp: 42324
Ion Ratio Lower Upper
83 100
55 78.9 40.9 122.8
98 51.4 25.6 76.6





#39

1,2-Dichloropropane

Concen: 16.992 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN087406.D

Acq: 23 Jul 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072325

Tgt Ion: 63 Resp: 3435

Ion Ratio Lower Upper

63 100

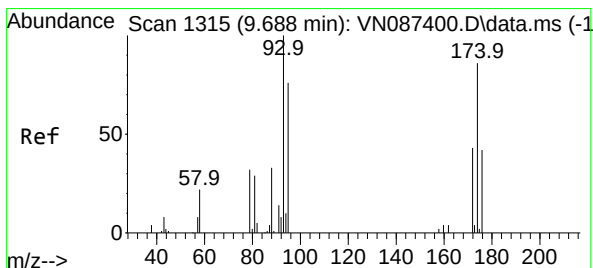
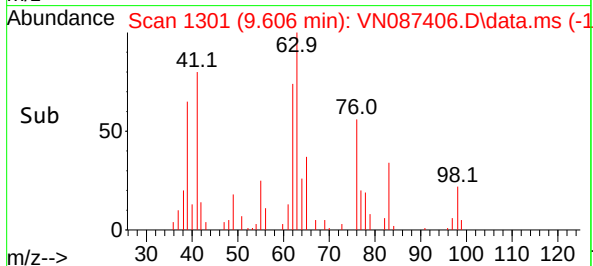
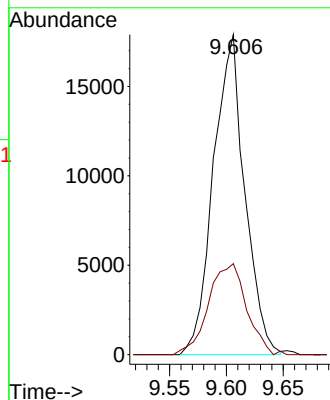
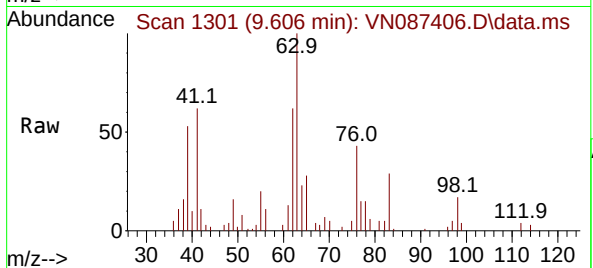
65 27.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#40

Dibromomethane

Concen: 17.114 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087406.D

Acq: 23 Jul 2025 14:57

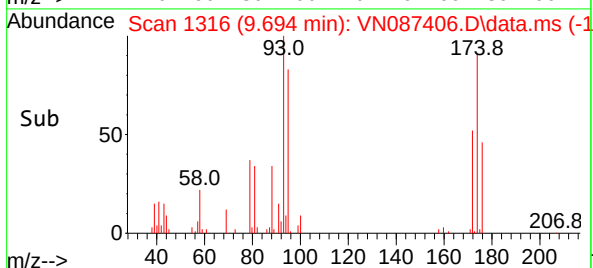
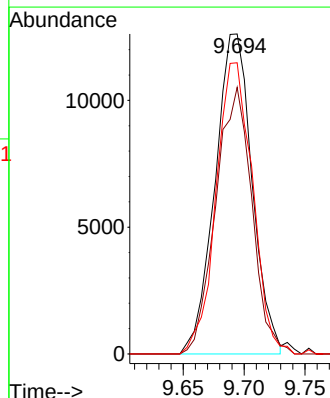
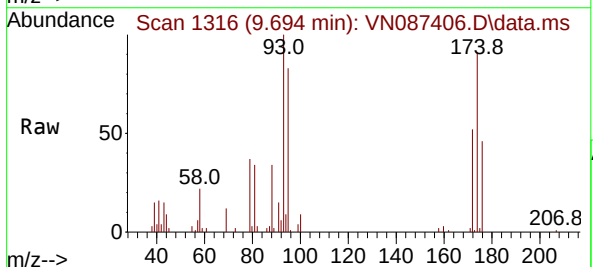
Tgt Ion: 93 Resp: 26768

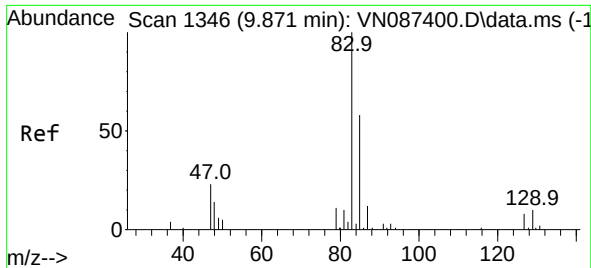
Ion Ratio Lower Upper

93 100

95 81.2 0.0 161.8

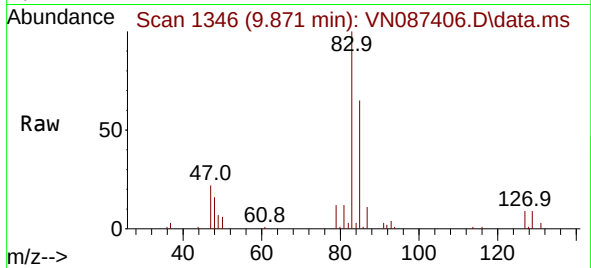
174 89.4 0.0 177.6





#41
Bromodichloromethane
Concen: 17.517 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

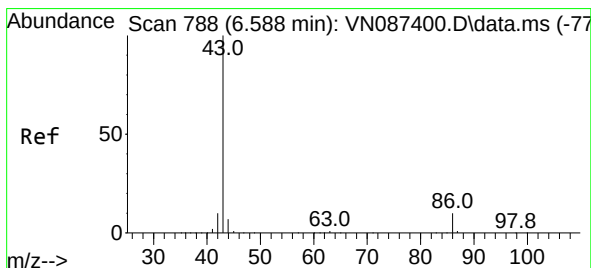
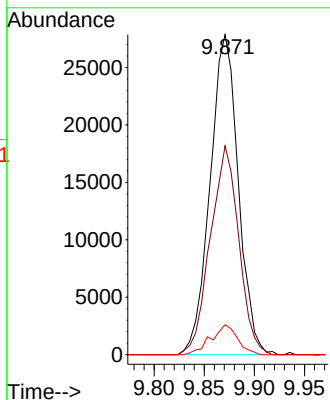
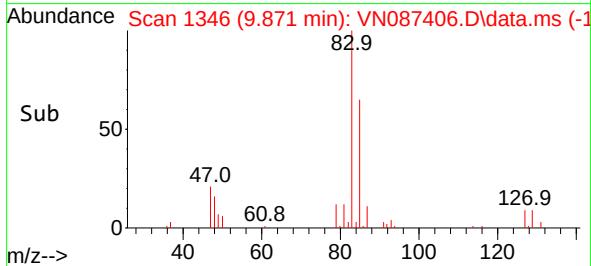
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



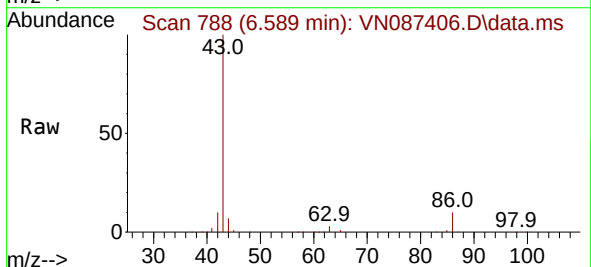
Tgt Ion: 83 Resp: 5439
Ion Ratio Lower Upper
83 100
85 65.2 46.2 69.2
127 9.3 6.1 9.1

Manual Integrations
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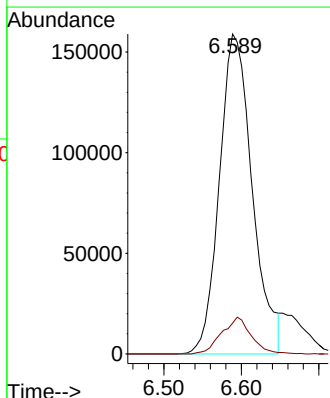
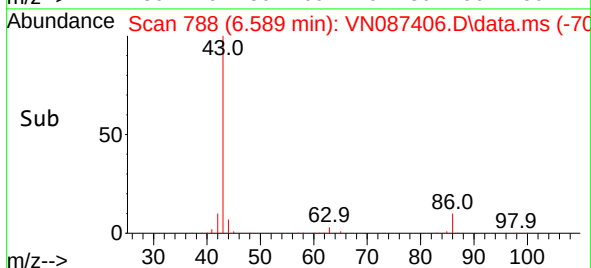
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

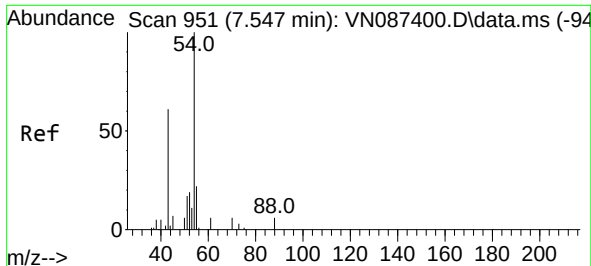


#42
Vinyl Acetate
Concen: 81.608 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57



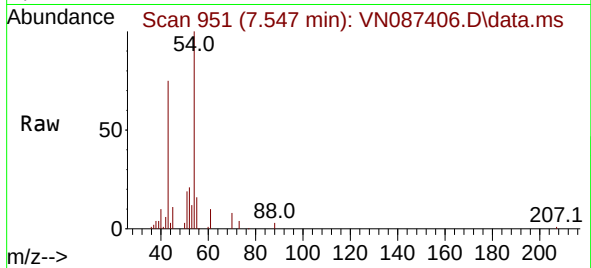
Tgt Ion: 43 Resp: 469103
Ion Ratio Lower Upper
43 100
86 10.3 8.1 12.1





#43
Ethyl Acetate
Concen: 17.412 ug/l
RT: 7.547 min Scan# 914
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

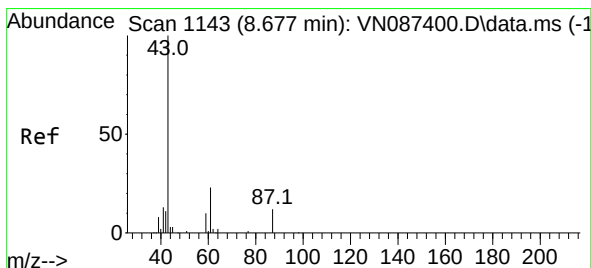
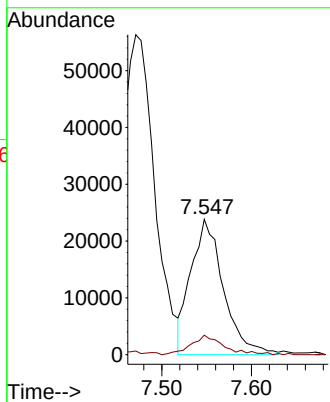
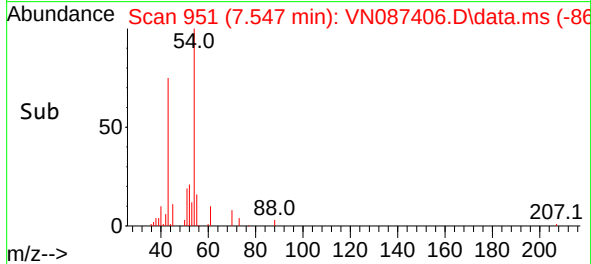
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



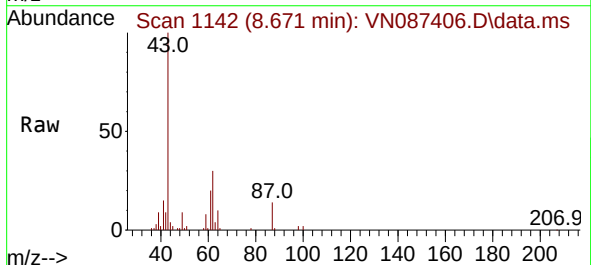
Tgt Ion: 43 Resp: 60149
Ion Ratio Lower Upper
43 100
45 14.0 5.6 8.4

Manual Integrations
APPROVED

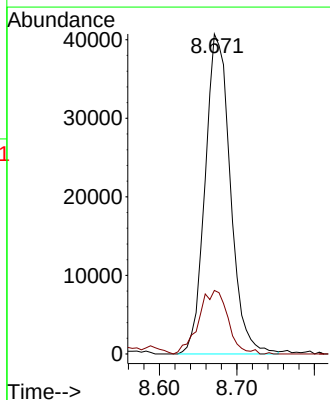
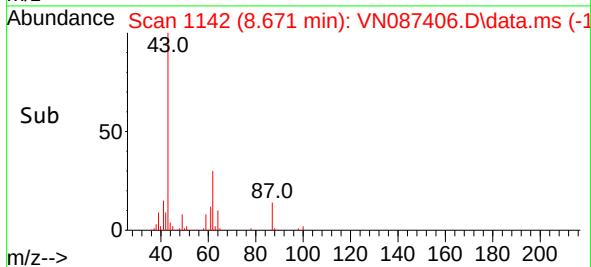
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

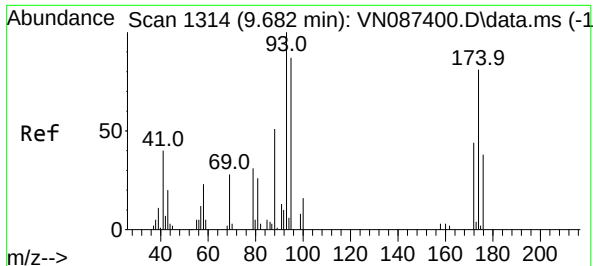


#44
Isopropyl Acetate
Concen: 16.920 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57



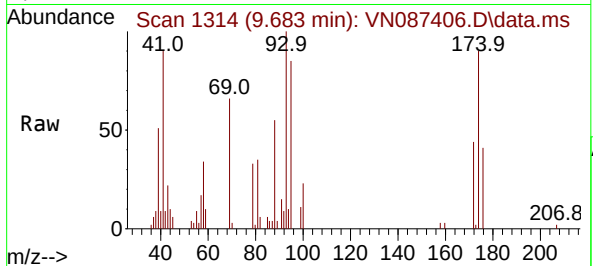
Tgt Ion: 43 Resp: 92275
Ion Ratio Lower Upper
43 100
61 22.8 20.1 30.1





#45
1,4-Dioxane
Concen: 366.098 ug/l
RT: 9.683 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

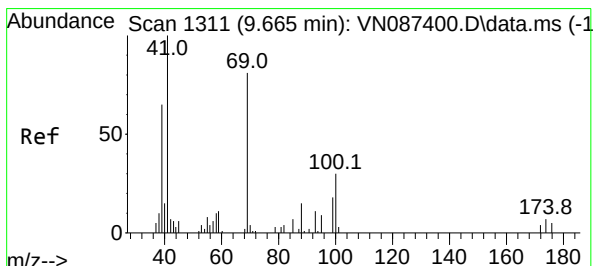
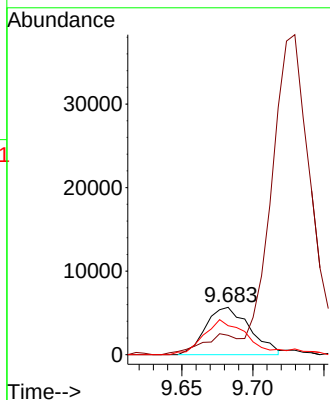
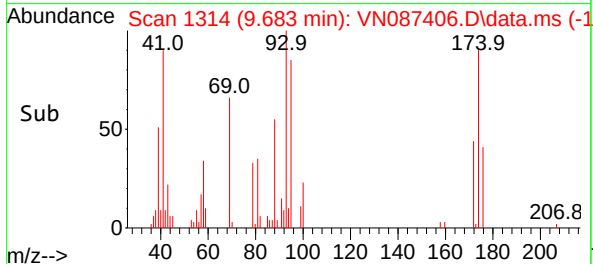
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion: 88 Resp: 1230
Ion Ratio Lower Upper
88 100
43 34.4 29.6 44.4
58 71.9 23.5 35.3

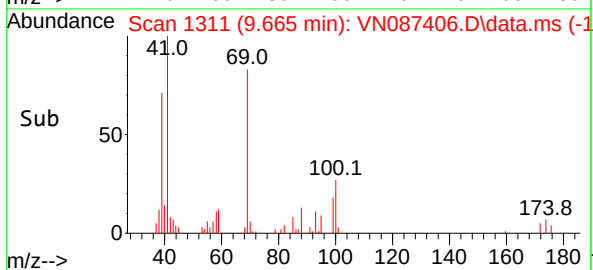
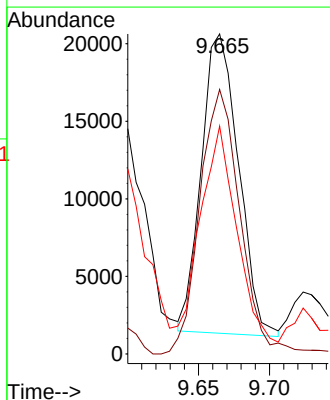
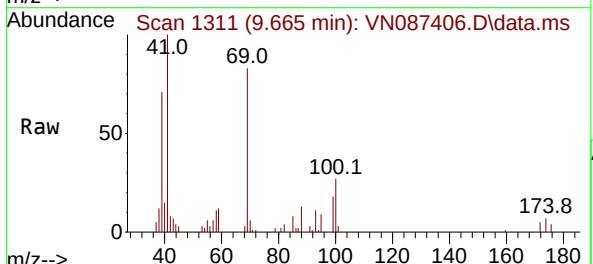
Manual Integrations
APPROVED

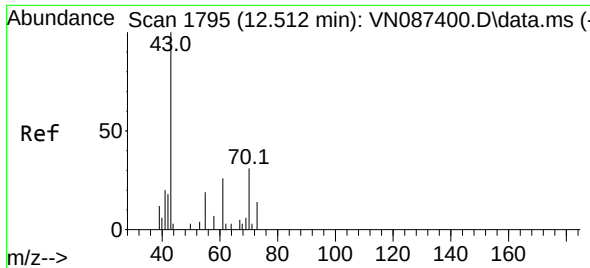
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#46
Methyl methacrylate
Concen: 13.973 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

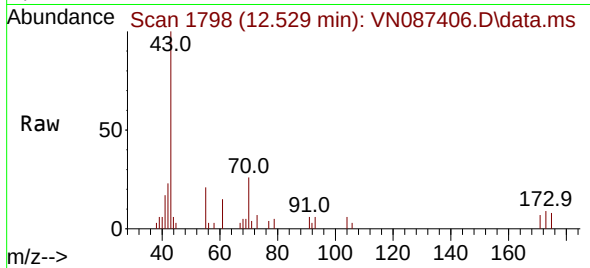
Tgt Ion: 41 Resp: 35092
Ion Ratio Lower Upper
41 100
69 85.4 39.5 118.5
39 72.7 31.6 94.7





#47
n-amy1 Acetate
Concen: 19.405 ug/l m
RT: 12.529 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

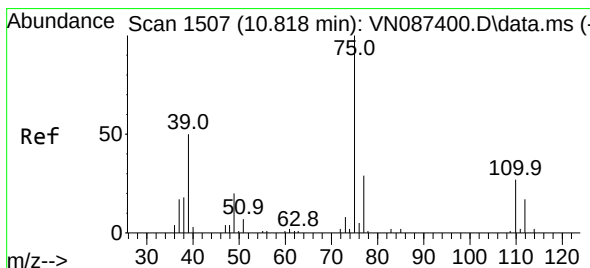
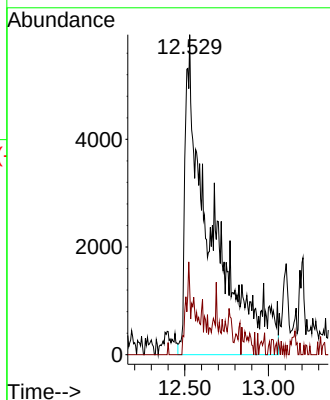
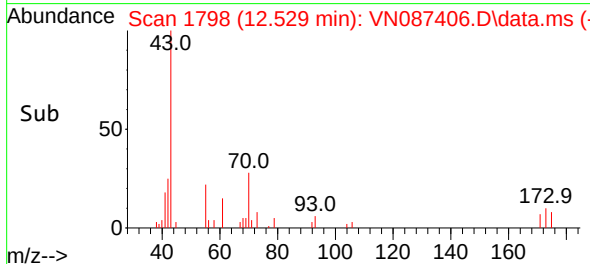
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion: 43 Resp: 63419
Ion Ratio Lower Upper
43 100
55 1.9 0.6 0.8

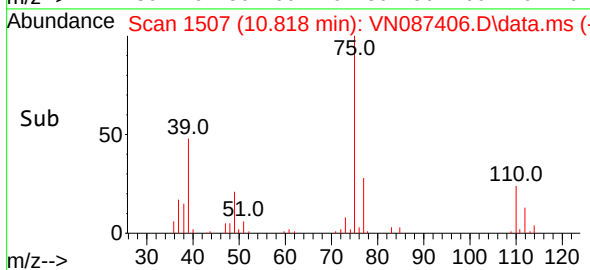
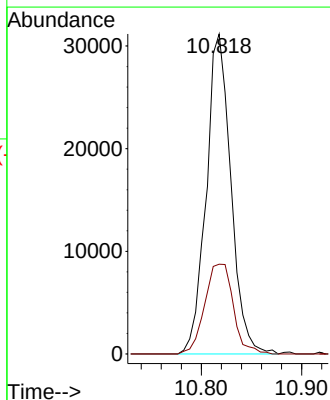
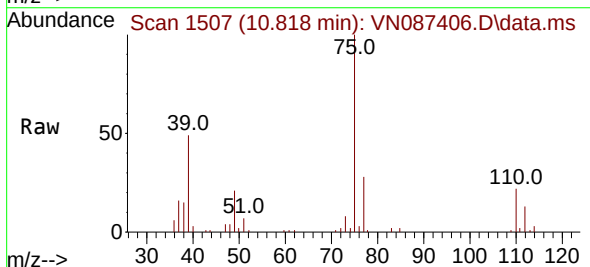
Manual Integrations
APPROVED

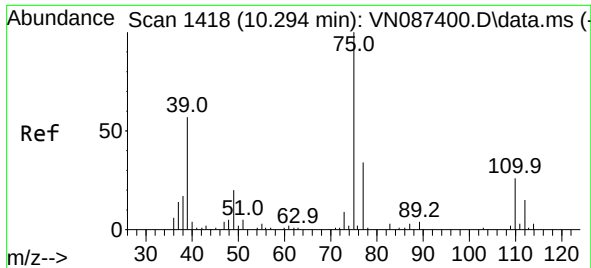
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#48
t-1,3-Dichloropropene
Concen: 16.116 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

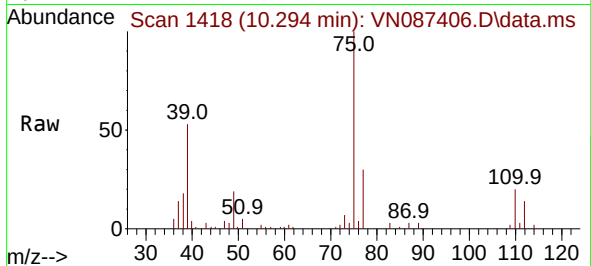
Tgt Ion: 75 Resp: 53391
Ion Ratio Lower Upper
75 100
77 28.1 23.6 35.4





#49
 cis-1,3-Dichloropropene
 Concen: 17.037 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087406.D
 Acq: 23 Jul 2025 14:57

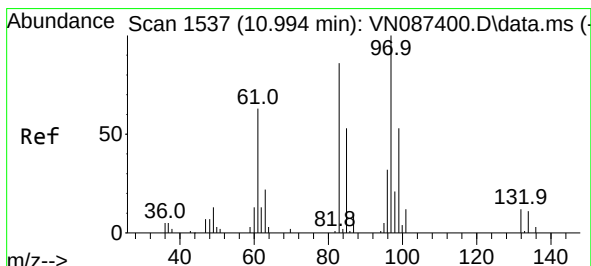
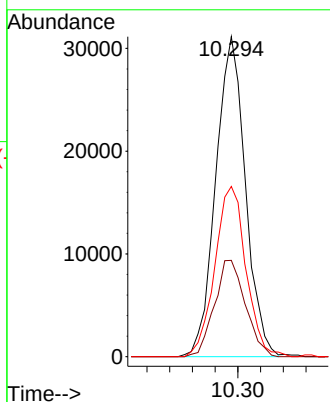
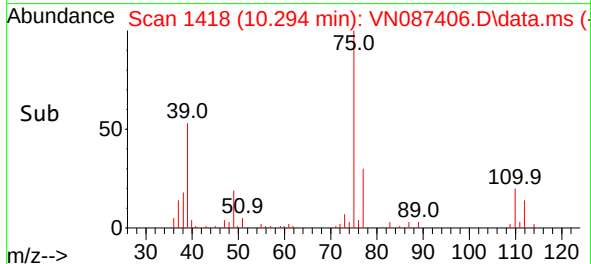
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072325



Tgt Ion: 75 Resp: 56449
 Ion Ratio Lower Upper
 75 100
 77 30.1 27.4 41.0
 39 53.2 46.3 69.5

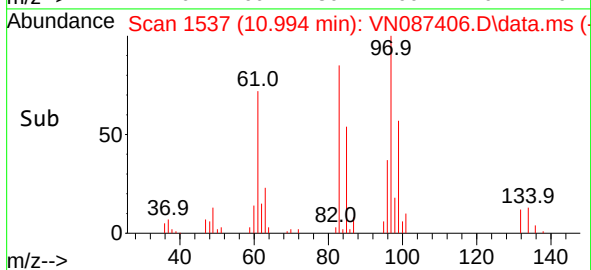
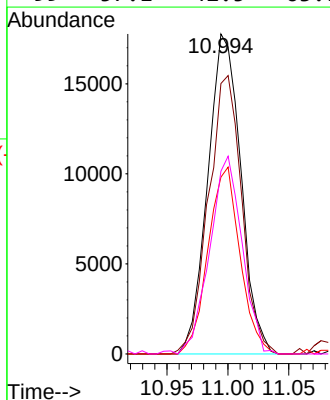
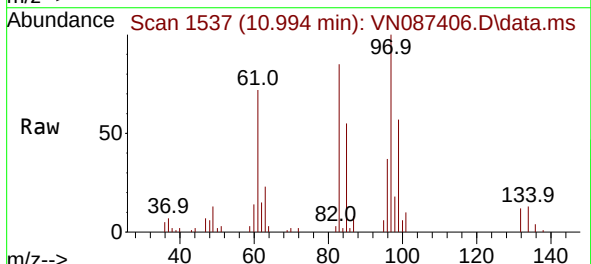
Manual Integrations
 APPROVED

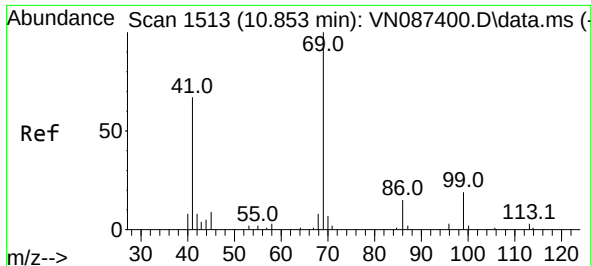
Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025



#50
 1,1,2-Trichloroethane
 Concen: 16.620 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087406.D
 Acq: 23 Jul 2025 14:57

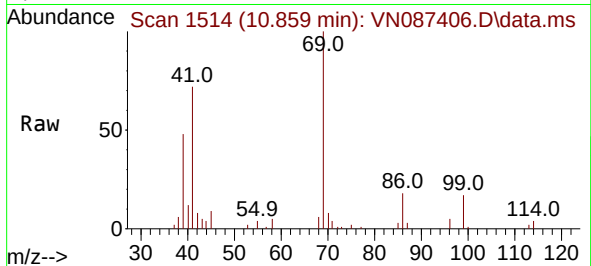
Tgt Ion: 97 Resp: 33573
 Ion Ratio Lower Upper
 97 100
 83 84.5 68.9 103.3
 85 55.2 42.2 63.2
 99 57.1 42.5 63.7





#51
Ethyl methacrylate
Concen: 15.533 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

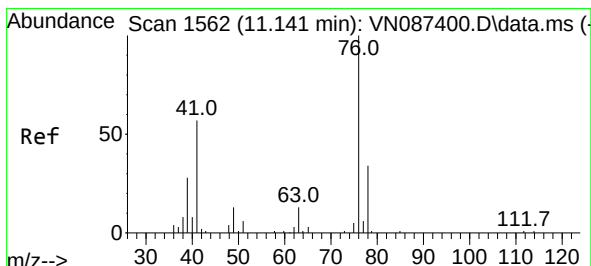
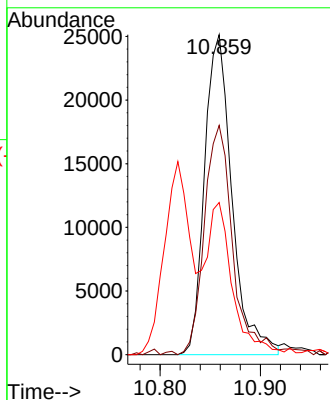
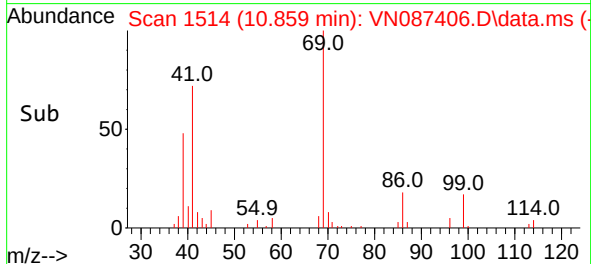
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion: 69 Resp: 47984
Ion Ratio Lower Upper
69 100
41 71.6 33.7 101.1
39 46.0 21.6 65.0

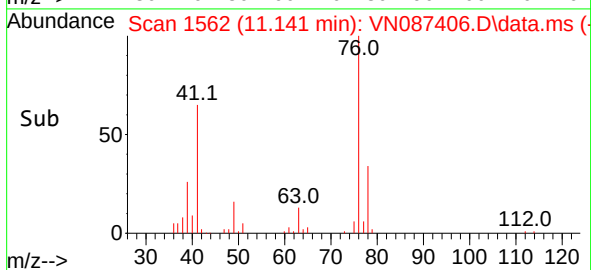
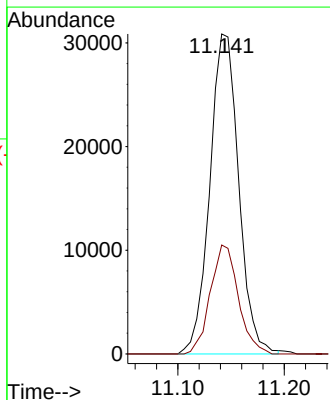
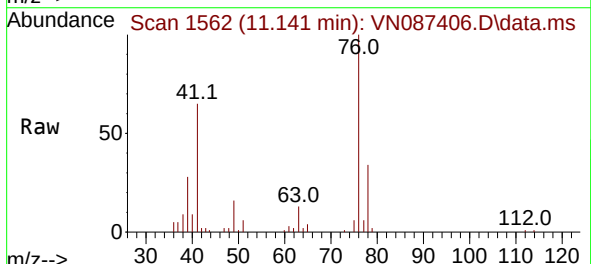
Manual Integrations
APPROVED

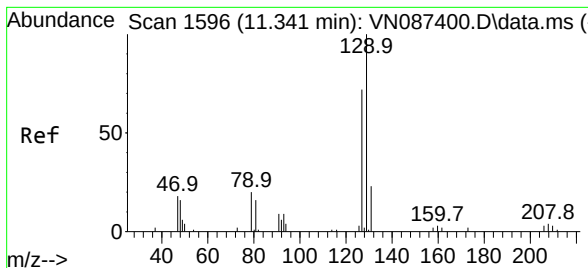
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#52
1,3-Dichloropropane
Concen: 16.731 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

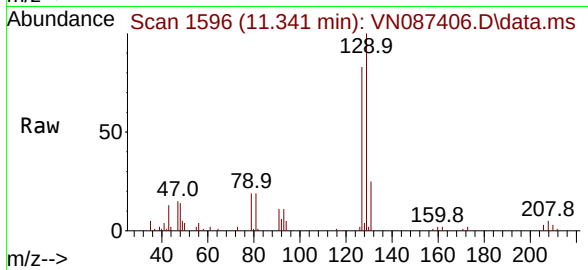
Tgt Ion: 76 Resp: 58111
Ion Ratio Lower Upper
76 100
78 33.0 0.0 67.4





#53
Dibromochloromethane
Concen: 17.648 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

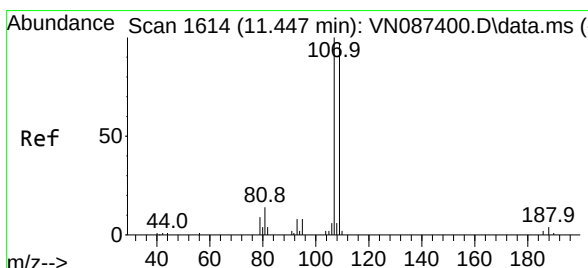
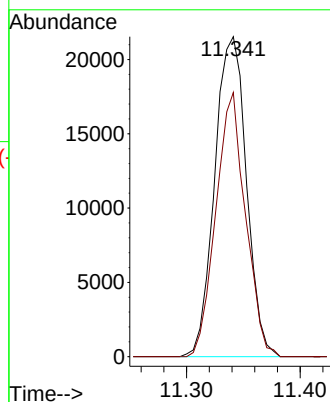
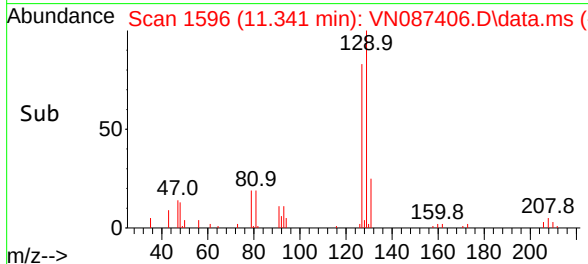
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



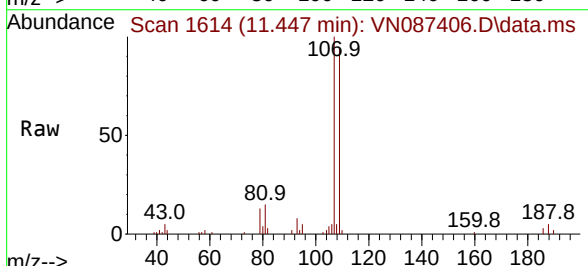
Tgt Ion:129 Resp: 4178
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

Manual Integrations
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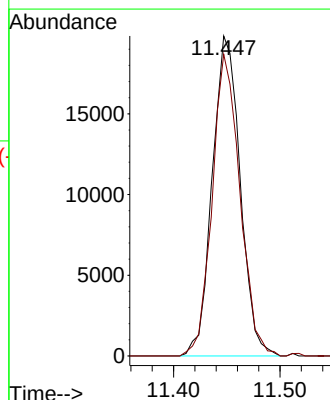
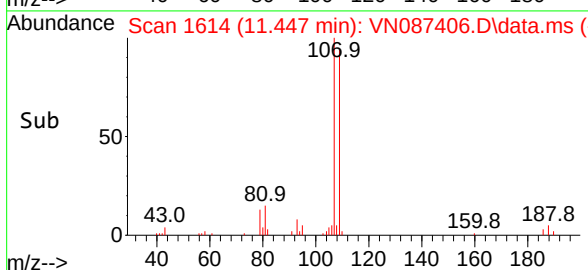
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

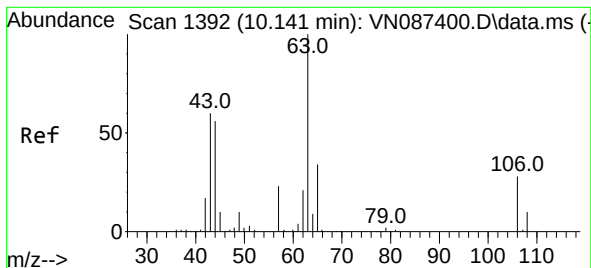


#54
1,2-Dibromoethane
Concen: 17.406 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57



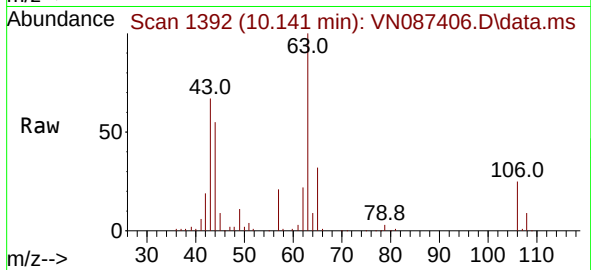
Tgt Ion:107 Resp: 36041
Ion Ratio Lower Upper
107 100
109 93.8 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 72.592 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

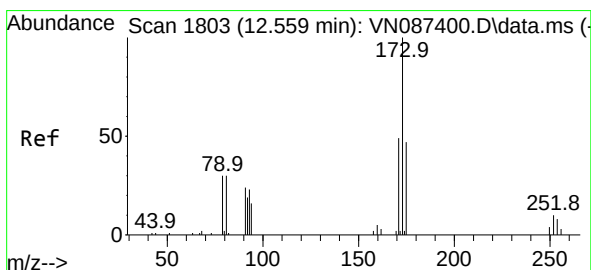
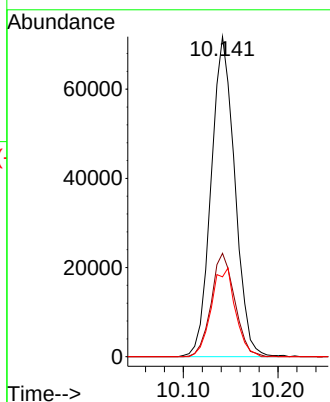
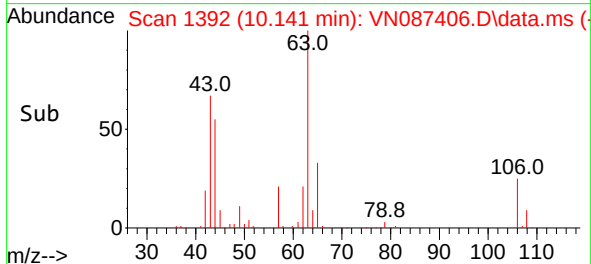
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion: 63 Resp: 124749
Ion Ratio Lower Upper
63 100
65 32.1 25.8 38.8
106 28.2 23.0 34.4

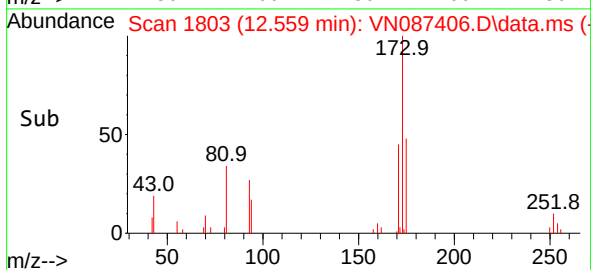
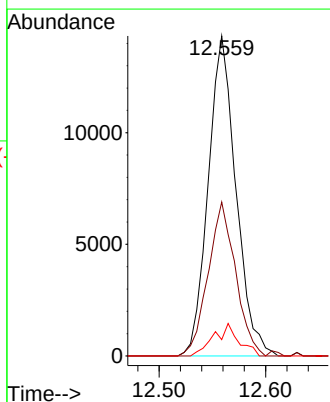
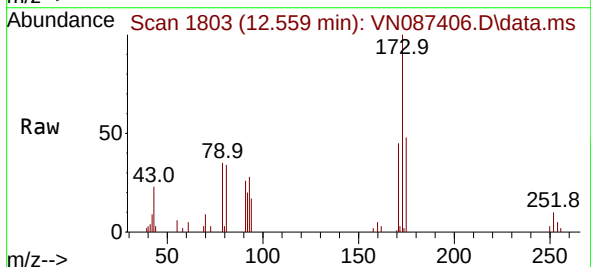
Manual Integrations
APPROVED

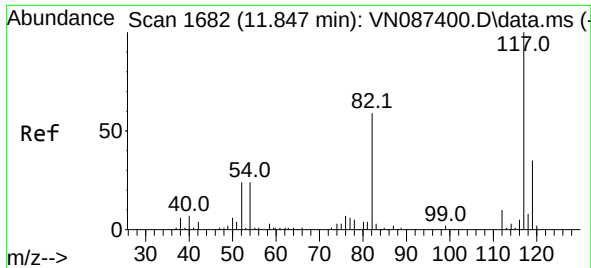
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#56
Bromoform
Concen: 15.395 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Tgt Ion:173 Resp: 25923
Ion Ratio Lower Upper
173 100
175 47.7 38.4 57.6
254 2.5 6.7 10.1#





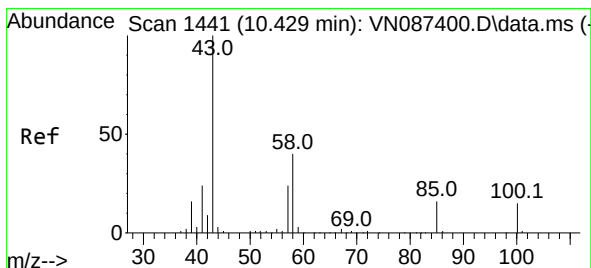
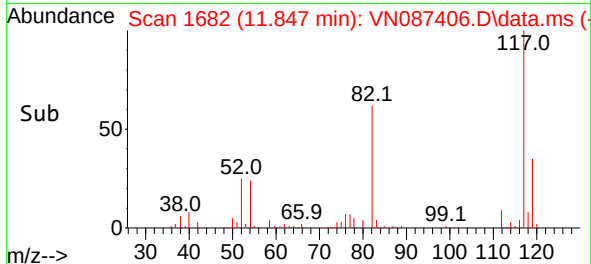
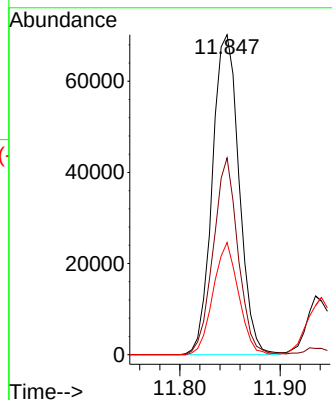
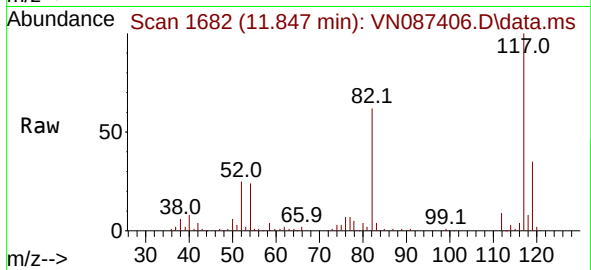
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325

Tgt Ion:117 Resp: 13030
Ion Ratio Lower Upper
117 100
82 57.0 44.1 66.1
119 33.3 25.4 38.2

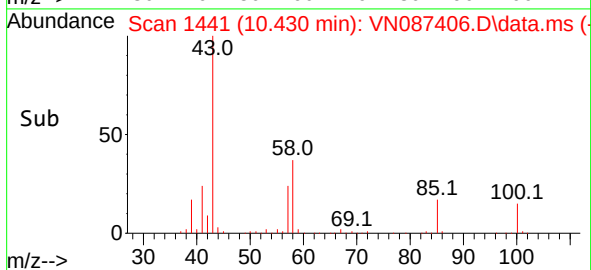
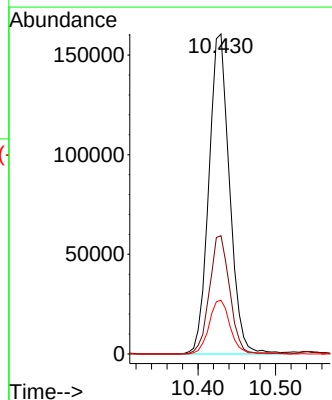
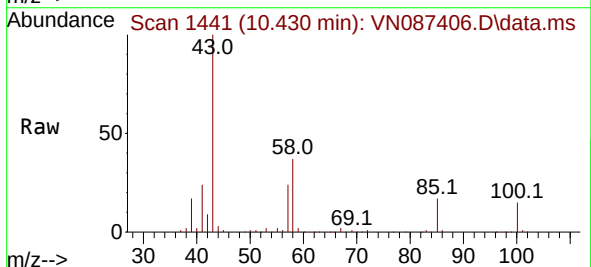
Manual Integrations
APPROVED

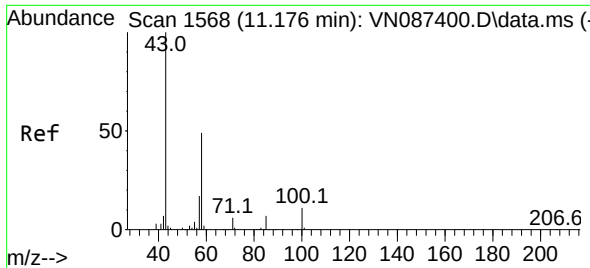
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#58
4-Methyl-2-Pentanone
Concen: 93.321 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

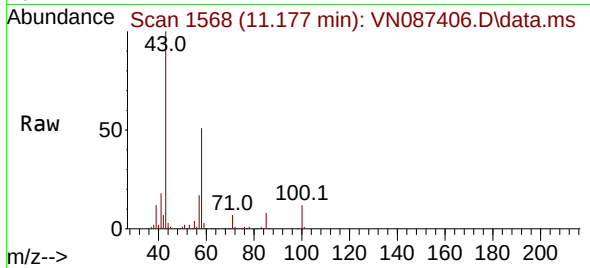
Tgt Ion: 43 Resp: 297339
Ion Ratio Lower Upper
43 100
58 36.2 29.5 44.3
85 16.9 13.3 19.9





#59
2-Hexanone
Concen: 90.765 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

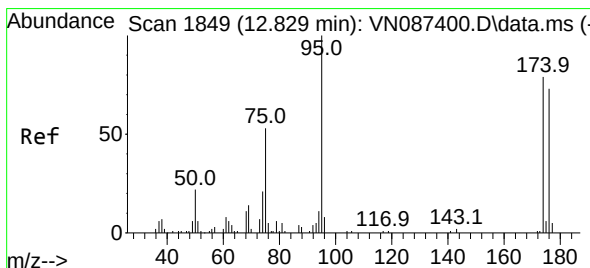
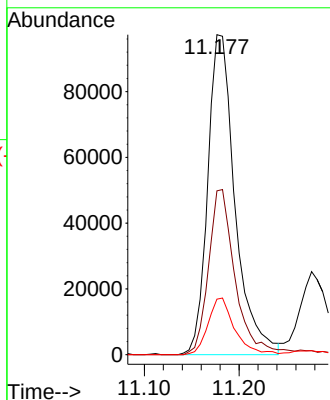
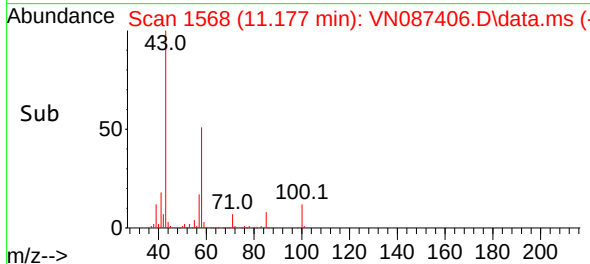
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion: 43 Resp: 195198
Ion Ratio Lower Upper
43 100
58 50.4 40.5 60.7
57 16.8 14.0 21.0

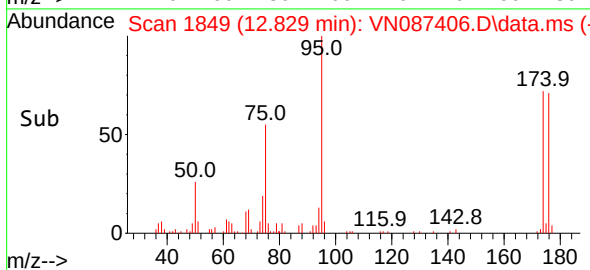
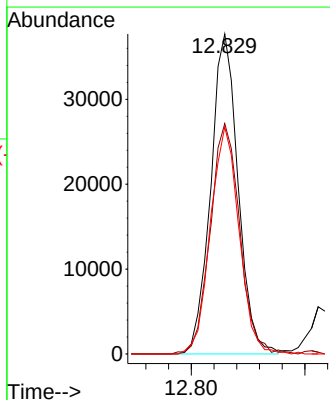
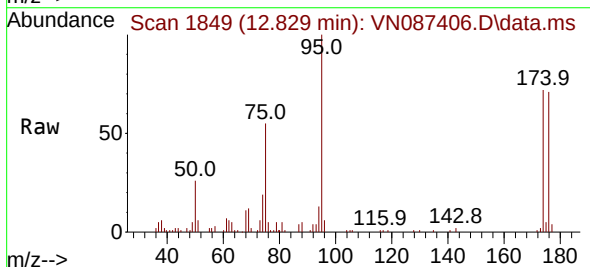
Manual Integrations
APPROVED

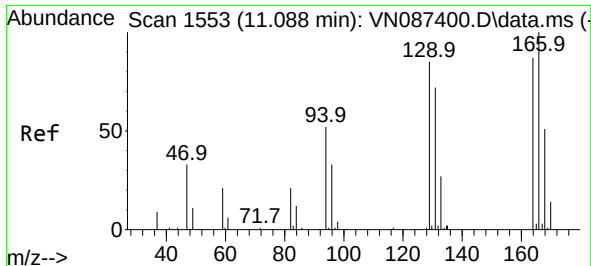
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#60
4-Bromofluorobenzene
Concen: 29.038 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

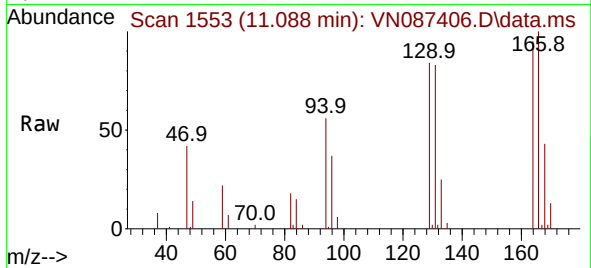
Tgt Ion: 95 Resp: 63125
Ion Ratio Lower Upper
95 100
174 76.7 62.1 93.1
176 74.0 57.9 86.9





#61
Tetrachloroethene
Concen: 19.241 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

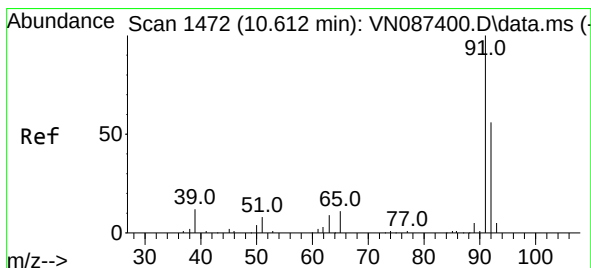
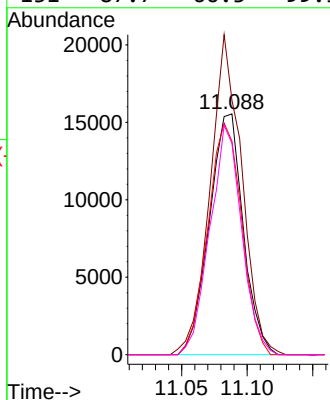
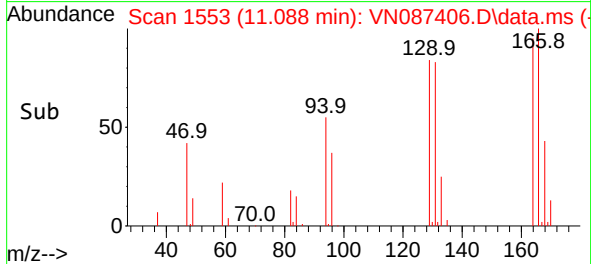
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



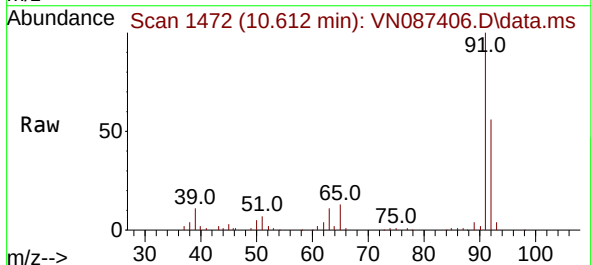
Tgt Ion:164 Resp: 27998
Ion Ratio Lower Upper
164 100
166 104.3 91.7 137.5
129 88.6 77.8 116.6
131 87.7 66.3 99.5

Manual Integrations
APPROVED

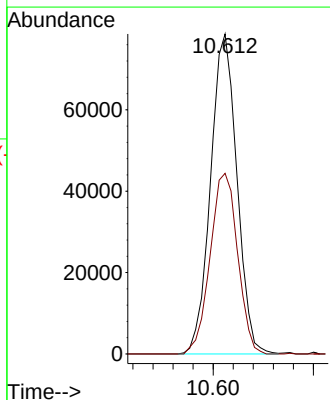
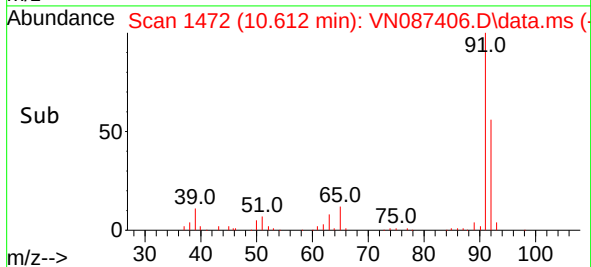
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

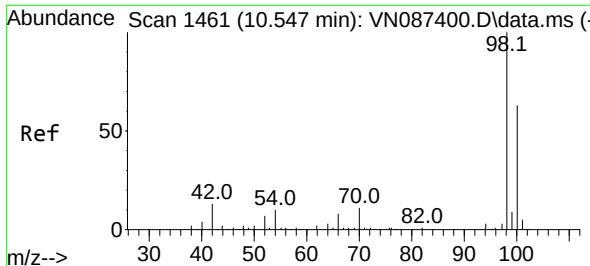


#62
Toluene
Concen: 18.073 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57



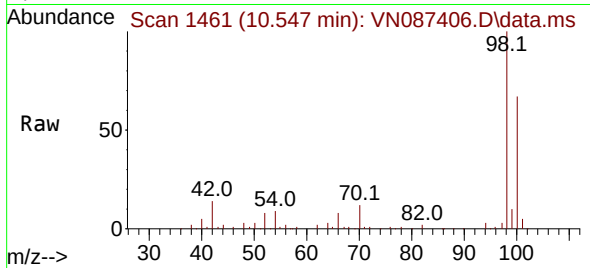
Tgt Ion: 91 Resp: 143417
Ion Ratio Lower Upper
91 100
92 58.8 47.4 71.0





#63
Toluene-d8
Concen: 29.925 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

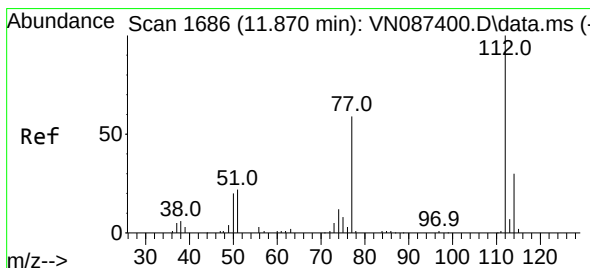
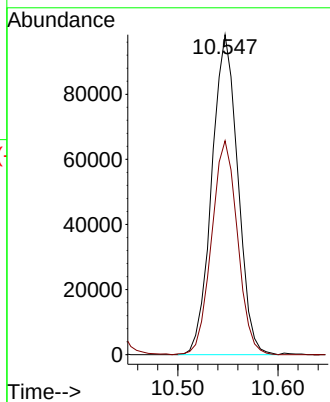
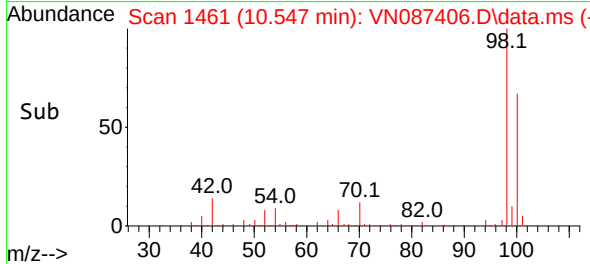
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion: 98 Resp: 177328
Ion Ratio Lower Upper
98 100
100 66.5 51.1 76.7

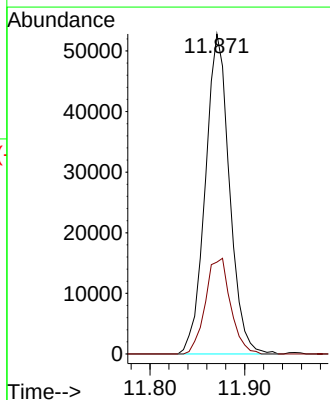
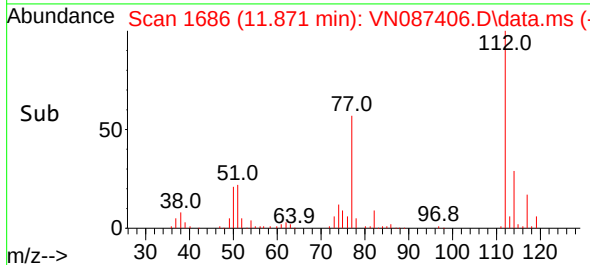
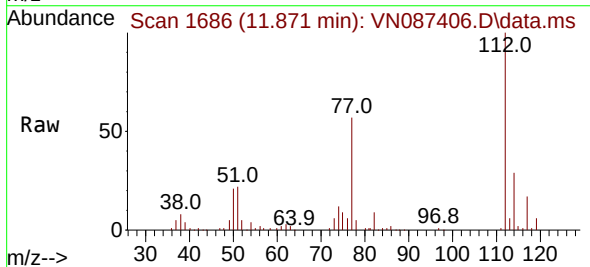
Manual Integrations
APPROVED

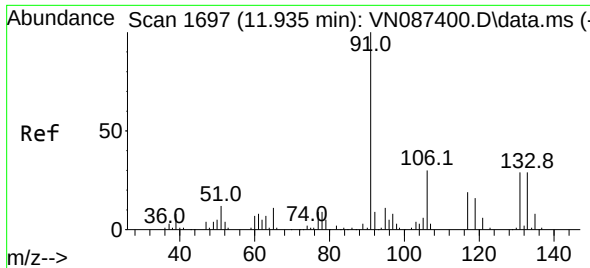
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#64
Chlorobenzene
Concen: 18.493 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

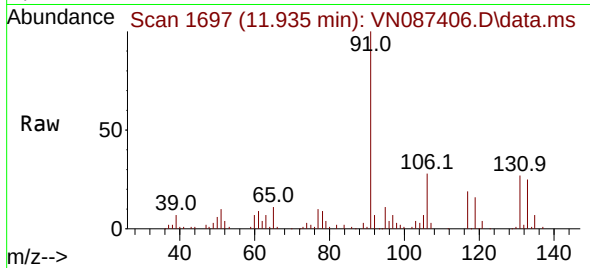
Tgt Ion:112 Resp: 93824
Ion Ratio Lower Upper
112 100
114 28.7 24.0 36.0





#65
1,1,1,2-Tetrachloroethane
Concen: 18.675 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

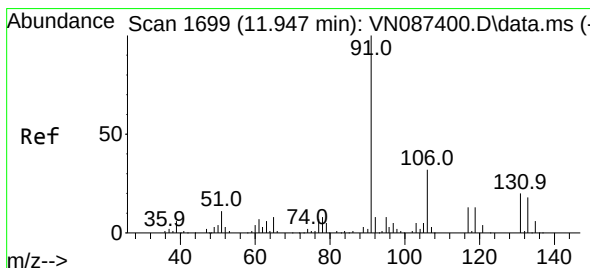
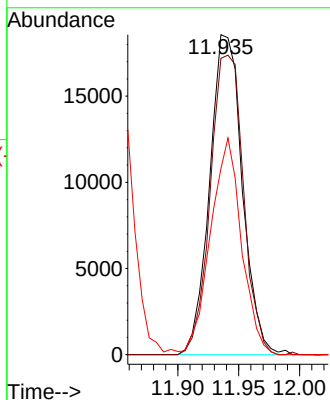
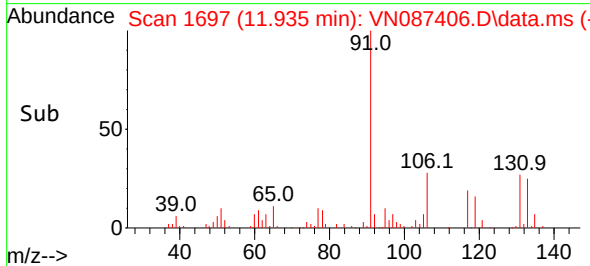
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion:131 Resp: 3462
Ion Ratio Lower Upper
131 100
133 94.9 0.0 193.0
119 64.3 0.0 128.2

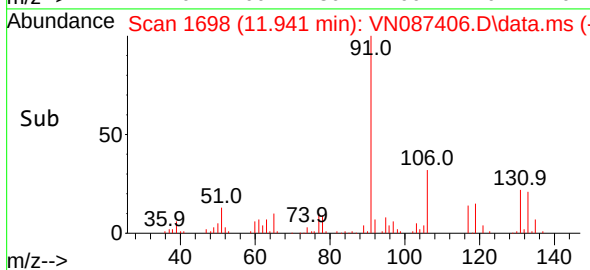
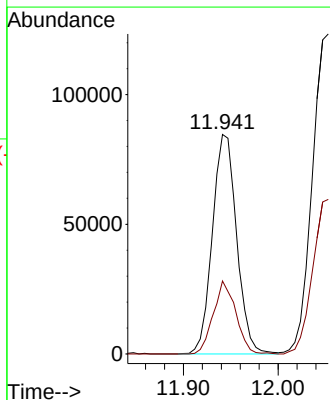
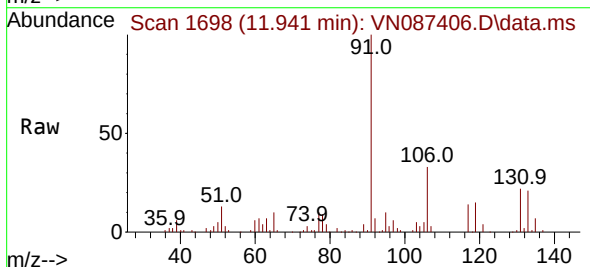
Manual Integrations
APPROVED

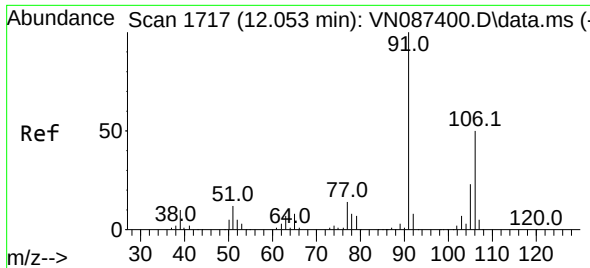
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#66
Ethyl Benzene
Concen: 17.591 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Tgt Ion: 91 Resp: 151123
Ion Ratio Lower Upper
91 100
106 33.2 25.8 38.6





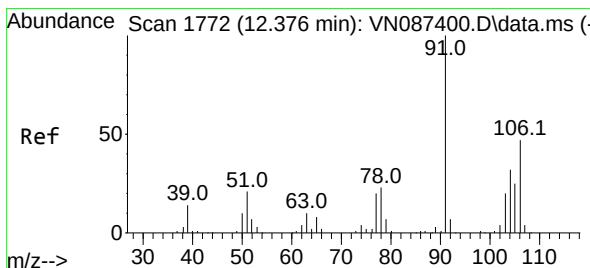
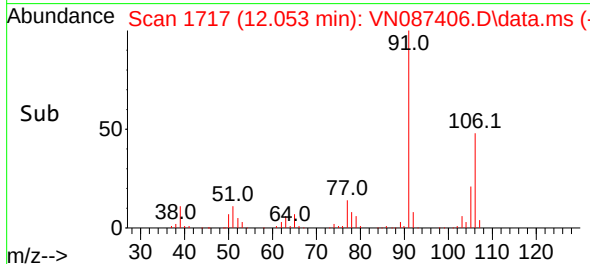
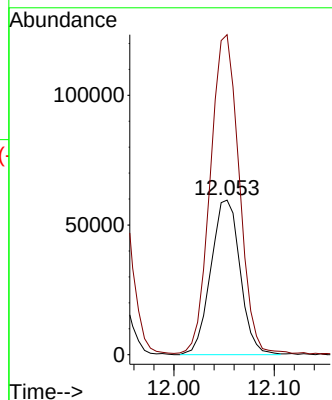
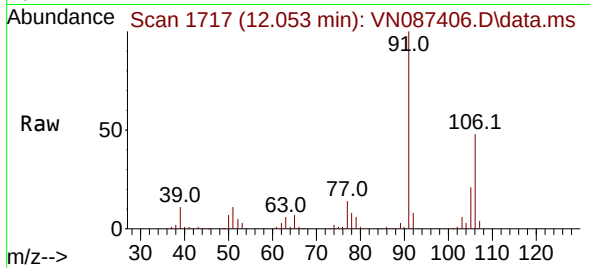
#67
m/p-Xylenes
Concen: 35.590 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325

Tgt Ion:106 Resp: 121000
Ion Ratio Lower Upper
106 100
91 203.8 163.4 245.2

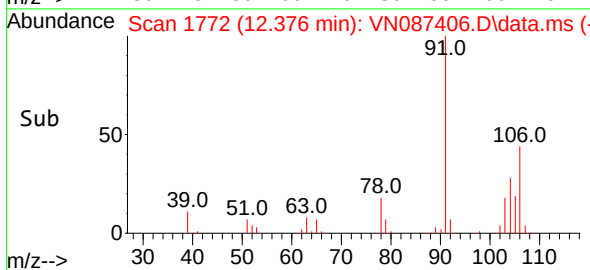
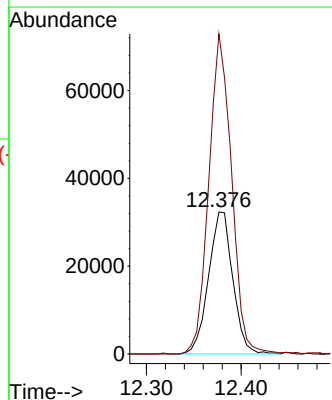
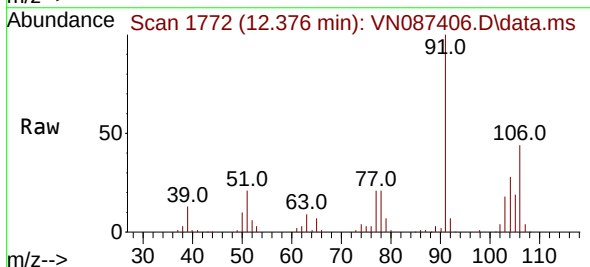
Manual Integrations
APPROVED

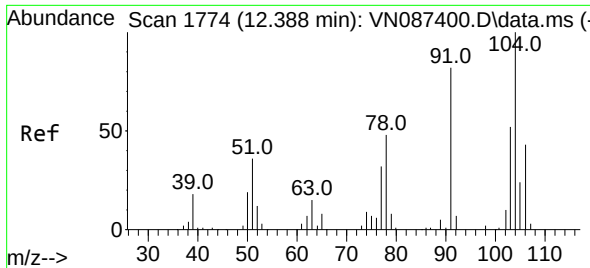
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#68
o-Xylene
Concen: 17.637 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

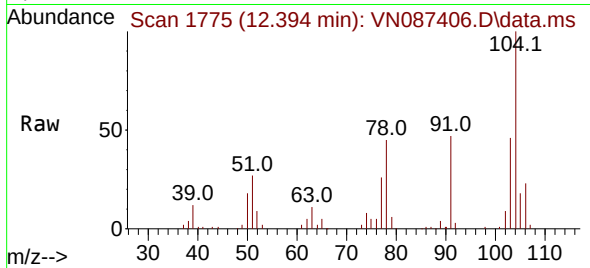
Tgt Ion:106 Resp: 57520
Ion Ratio Lower Upper
106 100
91 211.6 106.6 319.8





#69
Styrene
Concen: 17.424 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

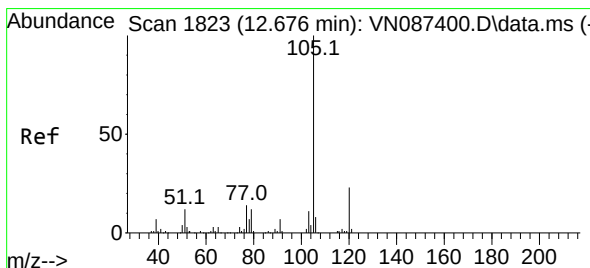
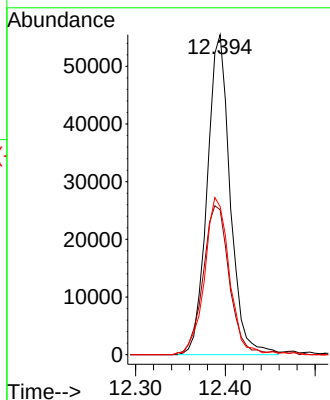
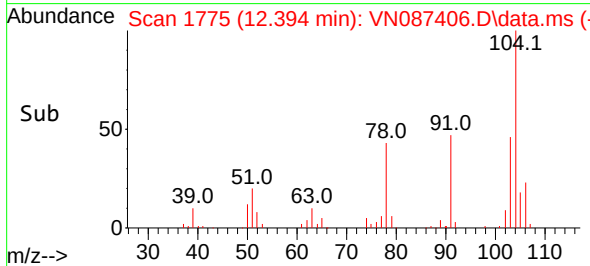
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion:104 Resp: 98870
Ion Ratio Lower Upper
104 100
78 52.9 40.7 61.1
103 52.7 43.4 65.2

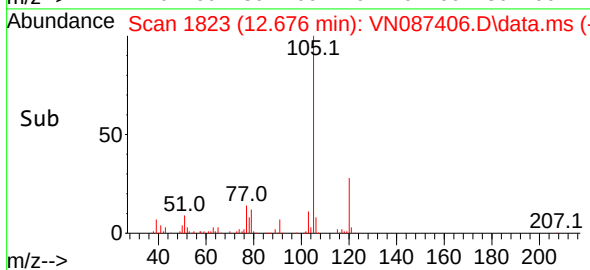
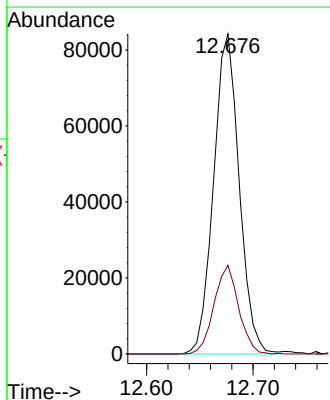
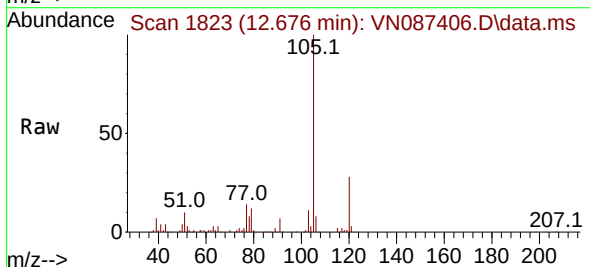
Manual Integrations
APPROVED

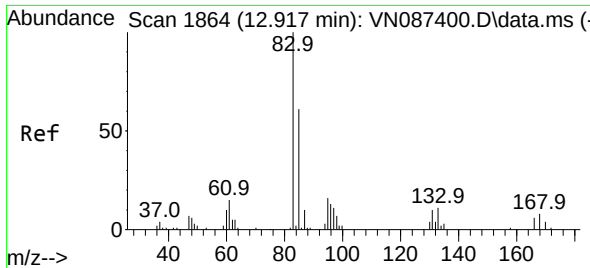
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#70
Isopropylbenzene
Concen: 17.105 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

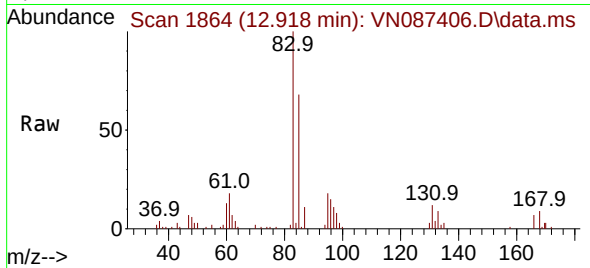
Tgt Ion:105 Resp: 140498
Ion Ratio Lower Upper
105 100
120 26.6 17.6 32.6





#71
1,1,2,2-Tetrachloroethane
Concen: 17.560 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

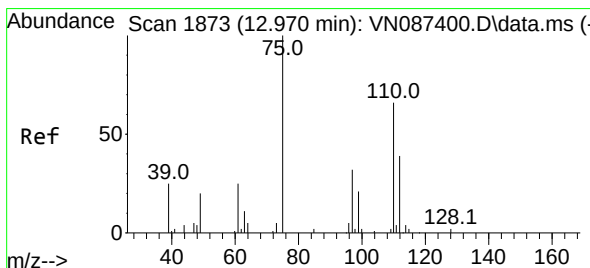
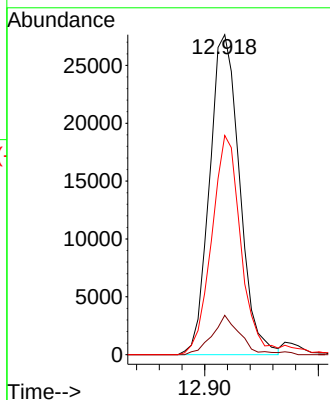
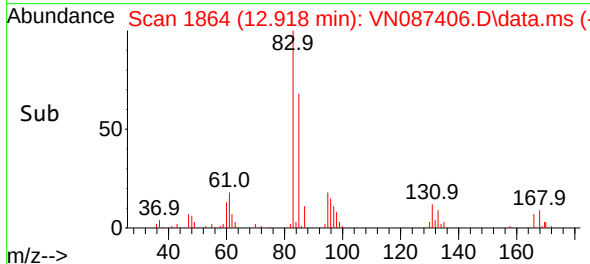
Instrument : MSVOA_N
ClientSampleId : ICVVN072325



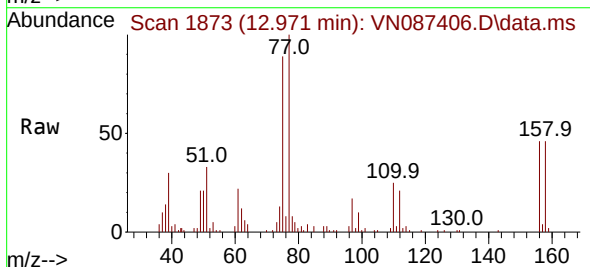
Tgt Ion: 83 Resp: 50739
Ion Ratio Lower Upper
83 100
131 11.4 4.6 13.8
85 66.6 30.6 91.6

Manual Integrations
APPROVED

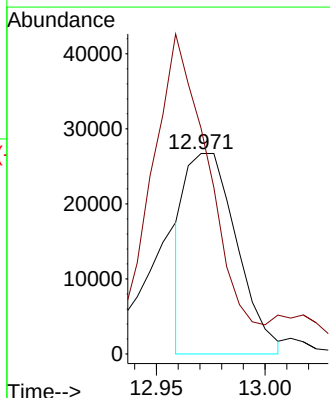
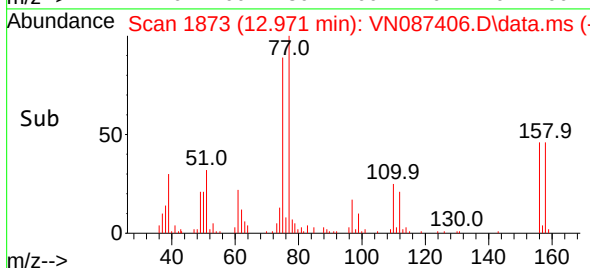
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

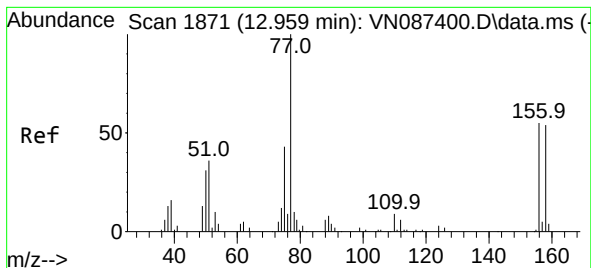


#72
1,2,3-Trichloropropane
Concen: 17.031 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57



Tgt Ion: 75 Resp: 43963
Ion Ratio Lower Upper
75 100
77 188.0 0.0 361.2





#73

Bromobenzene

Concen: 18.038 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087406.D

Acq: 23 Jul 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072325

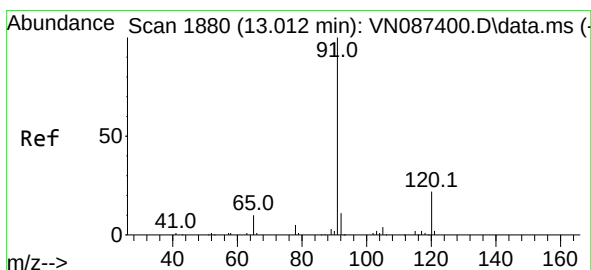
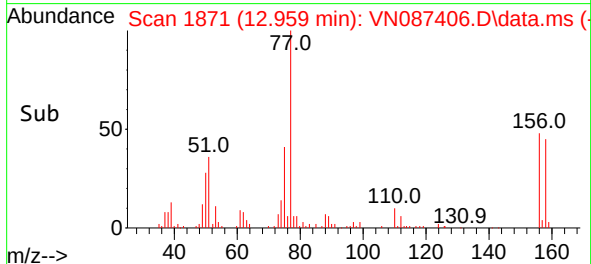
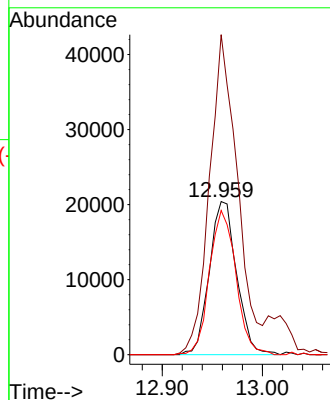
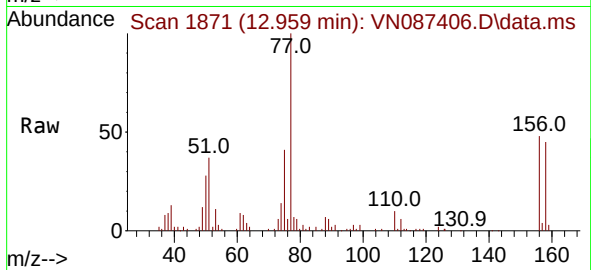
Tgt Ion:	156	Resp:	3856
Ion Ratio	Lower	Upper	
156	100		
77	214.3	0.0	440.6
158	91.3	0.0	195.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#74

n-propylbenzene

Concen: 17.051 ug/l

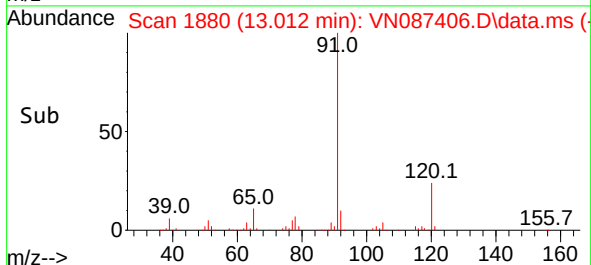
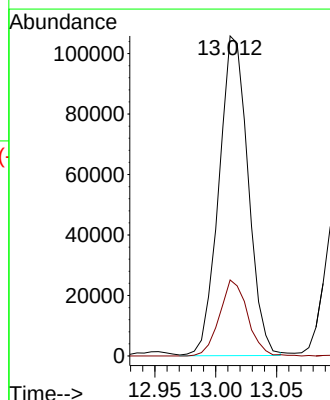
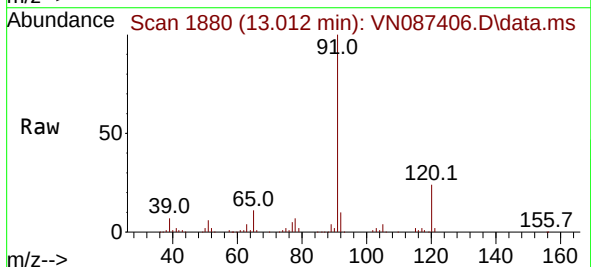
RT: 13.012 min Scan# 1880

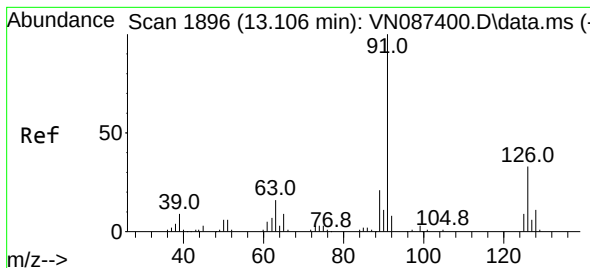
Delta R.T. 0.000 min

Lab File: VN087406.D

Acq: 23 Jul 2025 14:57

Tgt Ion:	91	Resp:	176863
Ion Ratio	Lower	Upper	
91	100		
120	22.6	0.0	44.6





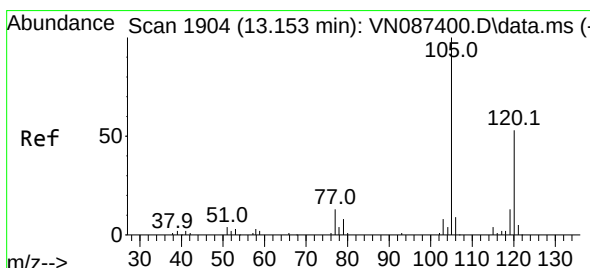
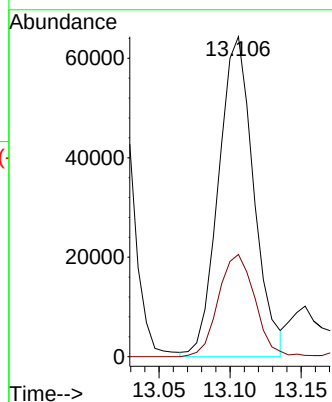
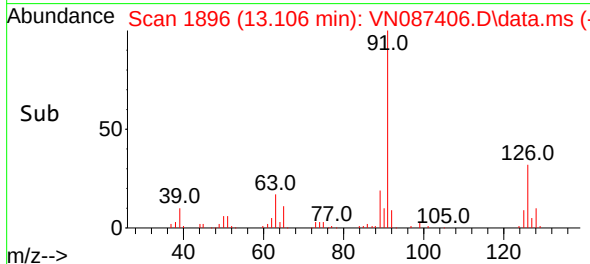
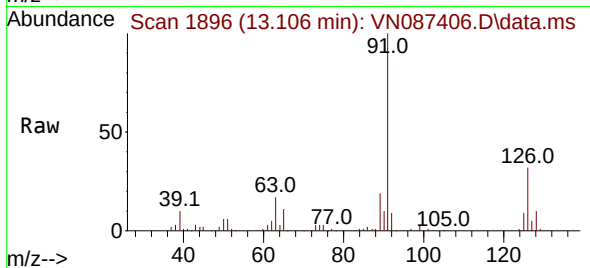
#75
2-Chlorotoluene
Concen: 17.785 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
ICV072325

Tgt Ion: 91 Resp: 110798
Ion Ratio Lower Upper
91 100
126 32.9 0.0 65.4

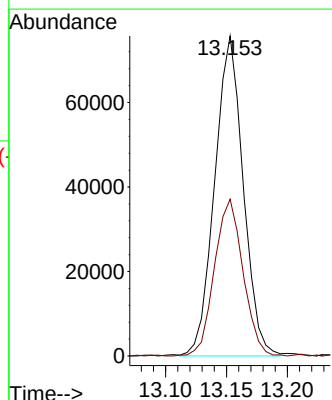
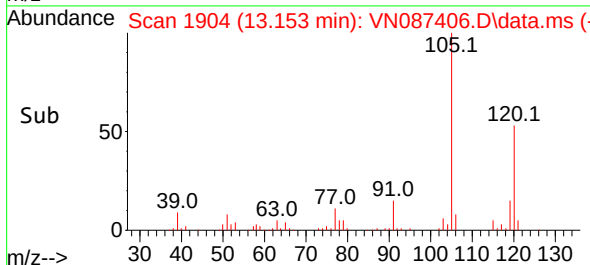
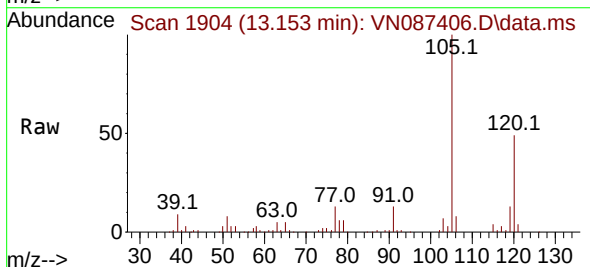
Manual Integrations
APPROVED

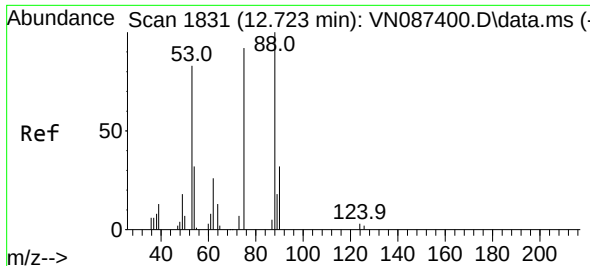
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 17.279 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

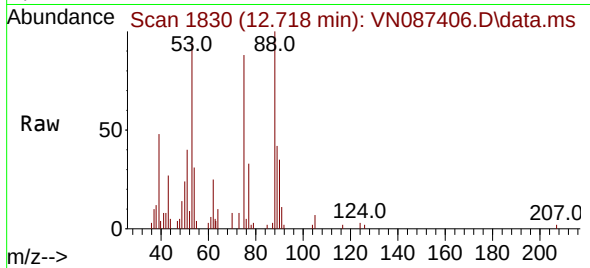
Tgt Ion:105 Resp: 123452
Ion Ratio Lower Upper
105 100
120 49.0 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 14.201 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

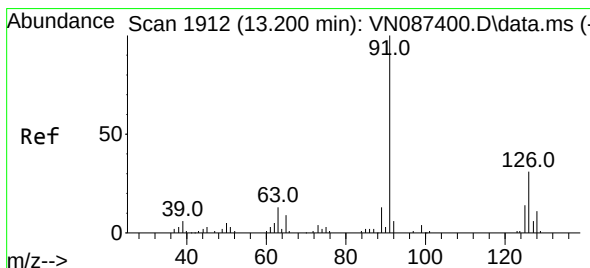
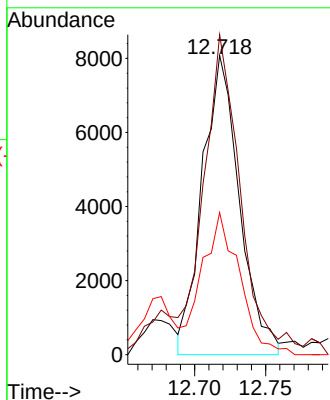
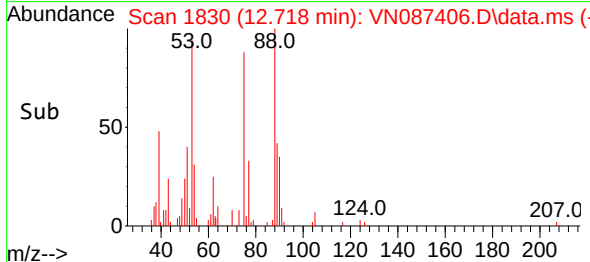
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



Tgt Ion: 75 Resp: 14650
Ion Ratio Lower Upper
75 100
53 105.7 44.0 131.8
89 47.4 17.0 50.9

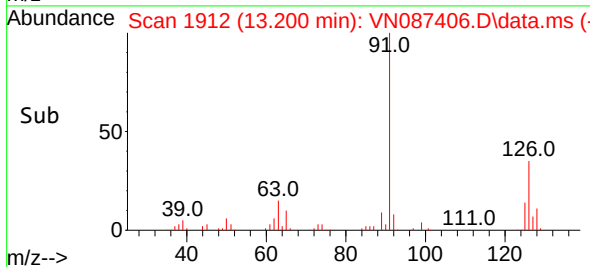
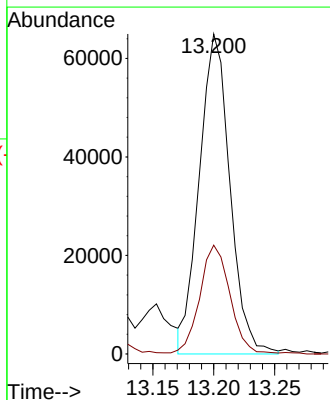
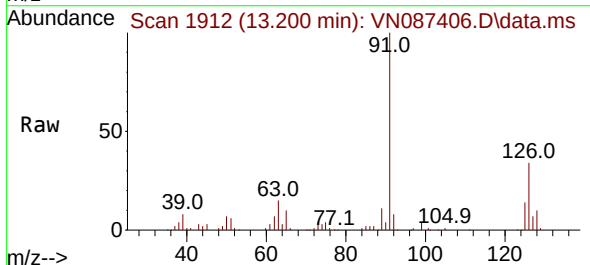
Manual Integrations
APPROVED

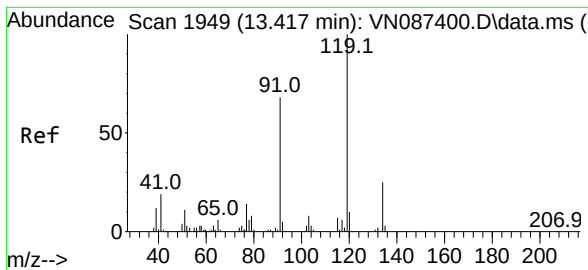
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#78
4-Chlorotoluene
Concen: 17.090 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Tgt Ion: 91 Resp: 113552
Ion Ratio Lower Upper
91 100
126 33.4 0.0 66.6





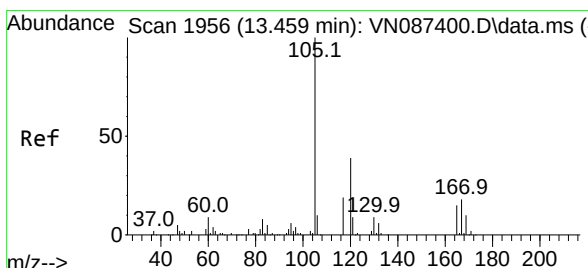
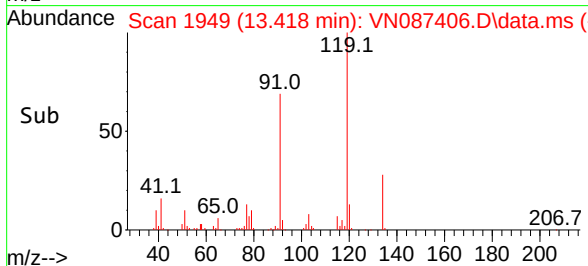
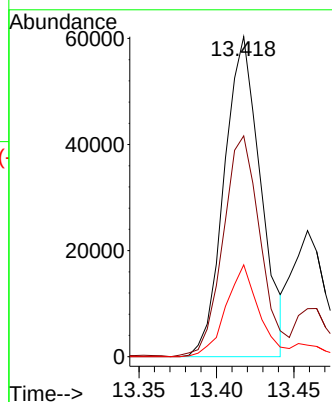
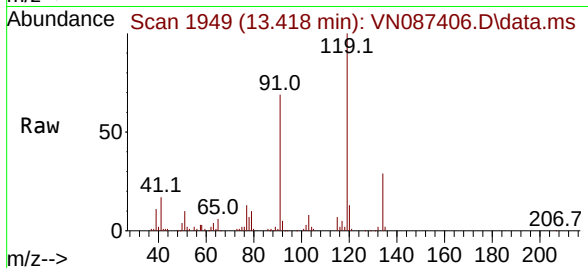
#79
tert-butylbenzene
Concen: 16.323 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325

Tgt Ion:119 Resp: 99044
Ion Ratio Lower Upper
119 100
91 70.5 0.0 134.8
134 26.1 0.0 52.0

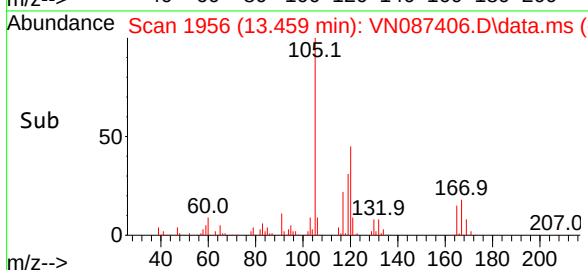
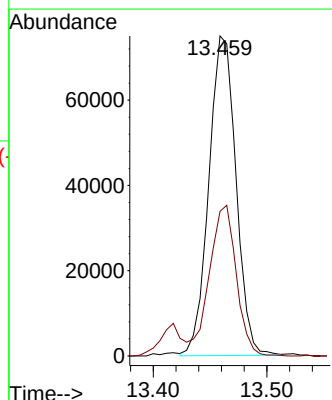
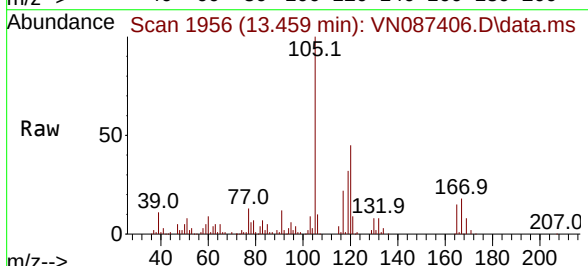
Manual Integrations
APPROVED

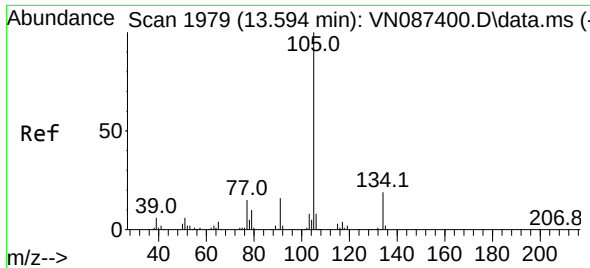
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 17.090 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

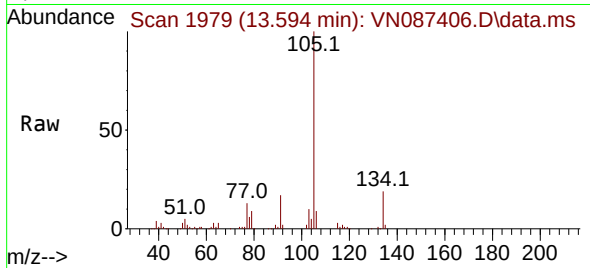
Tgt Ion:105 Resp: 124642
Ion Ratio Lower Upper
105 100
120 46.2 0.0 93.6





#81
 sec-Butylbenzene
 Concen: 16.989 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087406.D
 Acq: 23 Jul 2025 14:57

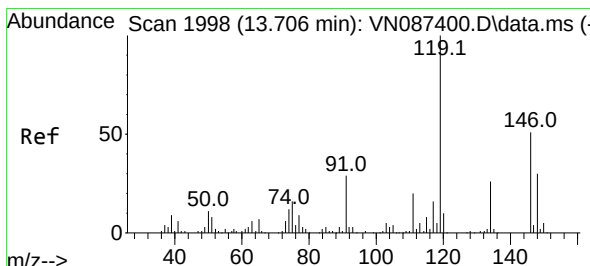
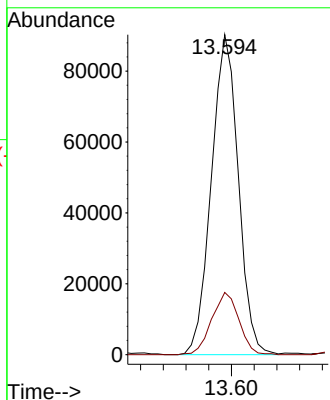
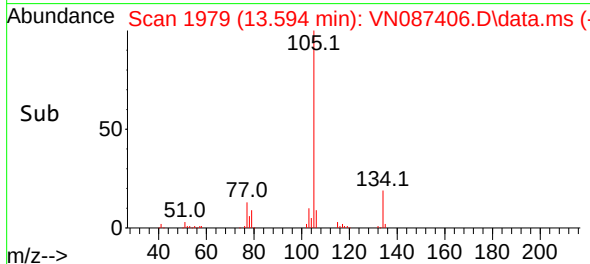
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072325



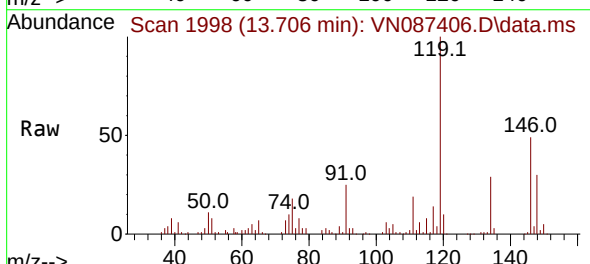
Tgt Ion:105 Resp: 14877
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.6

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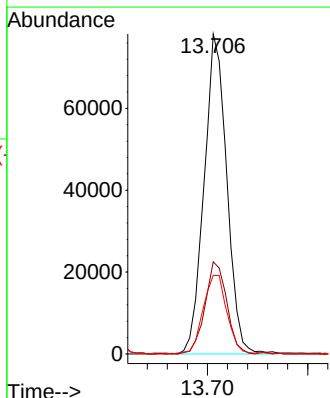
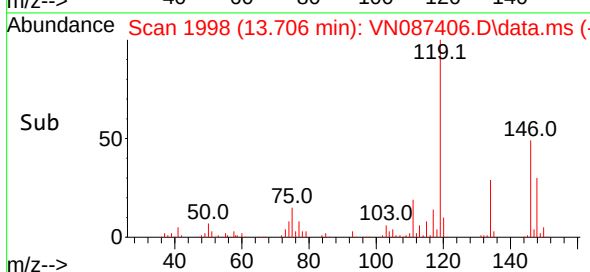
Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

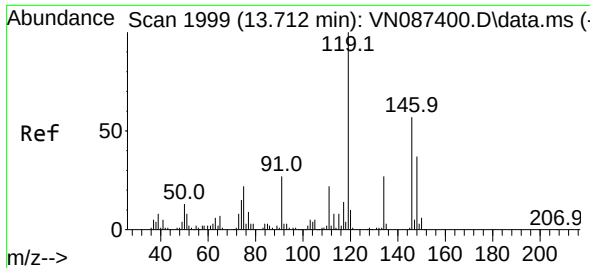


#82
 p-Isopropyltoluene
 Concen: 16.395 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087406.D
 Acq: 23 Jul 2025 14:57



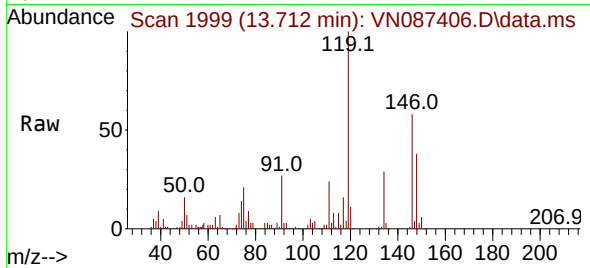
Tgt Ion:119 Resp: 123224
 Ion Ratio Lower Upper
 119 100
 134 27.6 0.0 51.8
 91 25.0 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 17.174 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

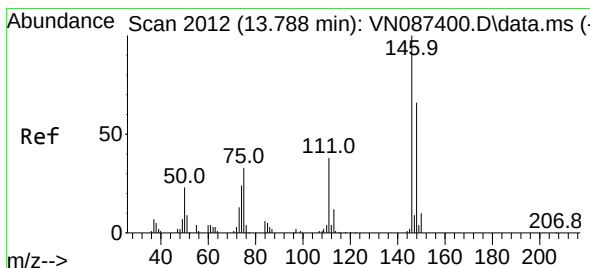
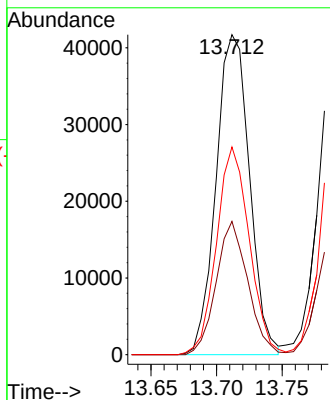
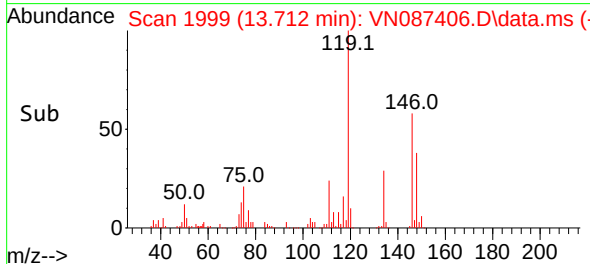
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325



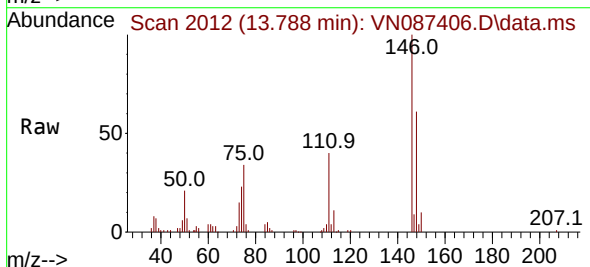
Tgt Ion:146 Resp: 73978
Ion Ratio Lower Upper
146 100
111 39.5 20.2 60.6
148 63.7 31.7 95.1

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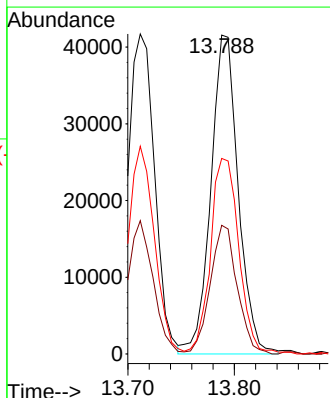
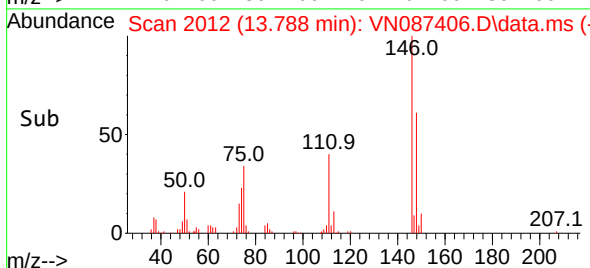
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

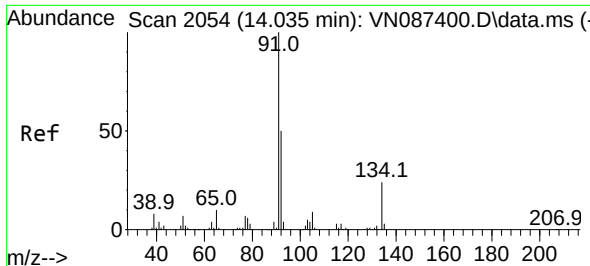


#84
1,4-Dichlorobenzene
Concen: 17.455 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57



Tgt Ion:146 Resp: 74216
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.1
148 61.0 32.4 97.2





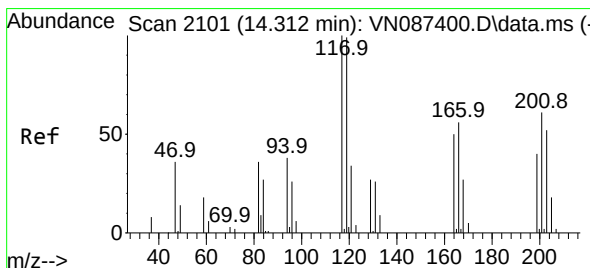
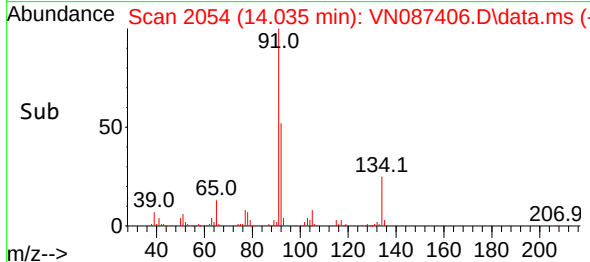
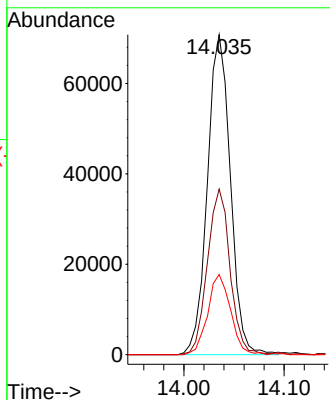
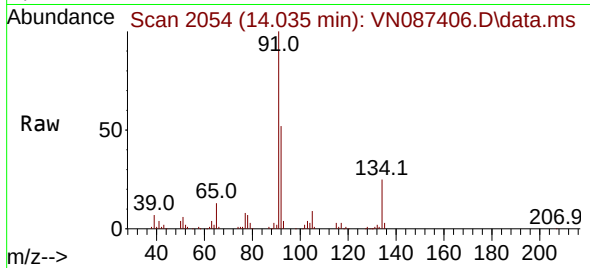
#85
n-Butylbenzene
Concen: 16.335 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325

Tgt Ion: 91 Resp: 113070
Ion Ratio Lower Upper
91 100
92 51.0 0.0 101.4
134 24.7 0.0 48.6

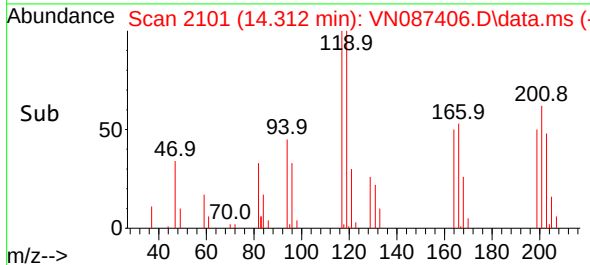
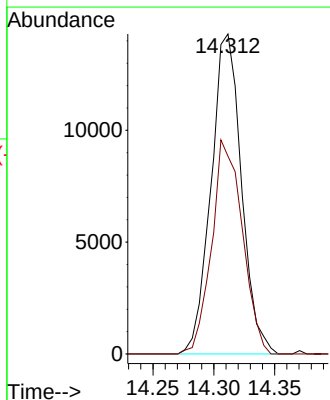
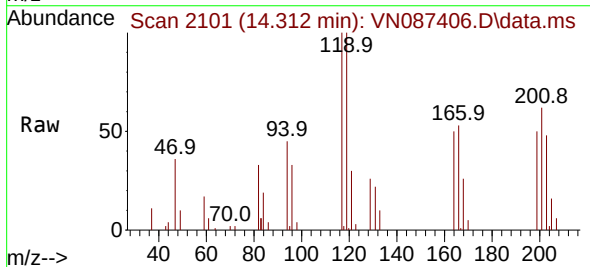
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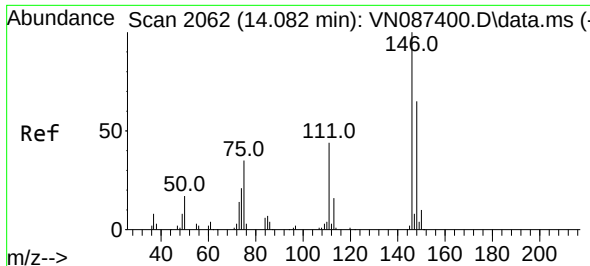
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#86
Hexachloroethane
Concen: 16.990 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Tgt Ion:117 Resp: 24849
Ion Ratio Lower Upper
117 100
201 67.4 34.2 102.5





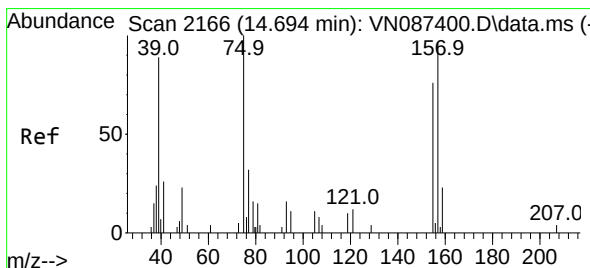
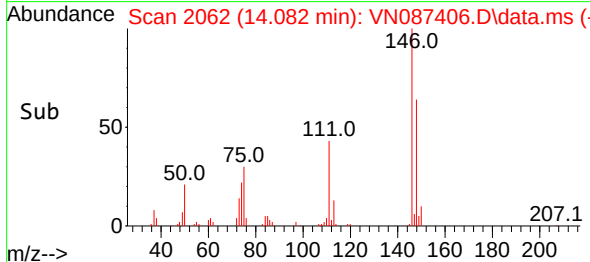
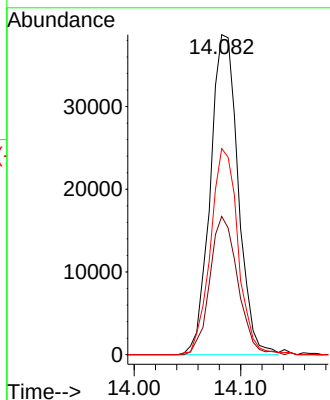
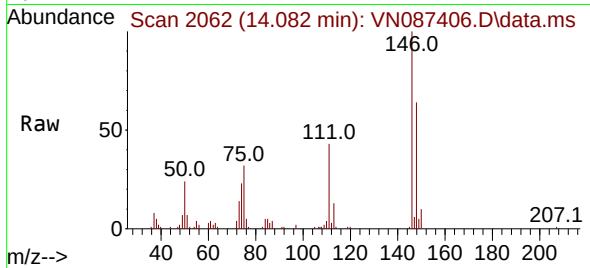
#87
1,2-Dichlorobenzene
Concen: 17.327 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325

Tgt Ion:146 Resp: 7027
Ion Ratio Lower Upper
146 100
111 43.3 21.9 65.8
148 63.7 31.2 93.6

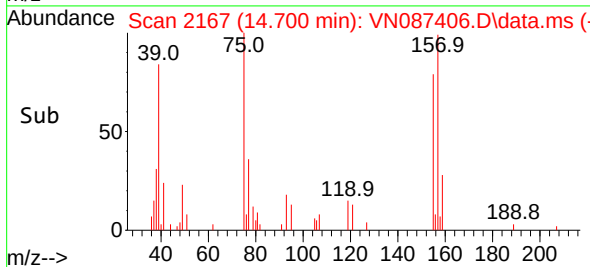
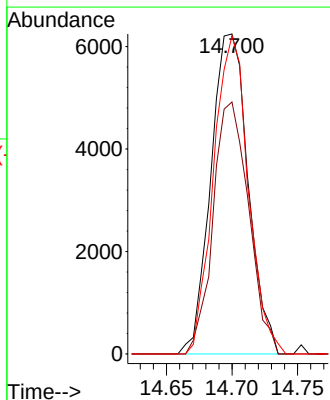
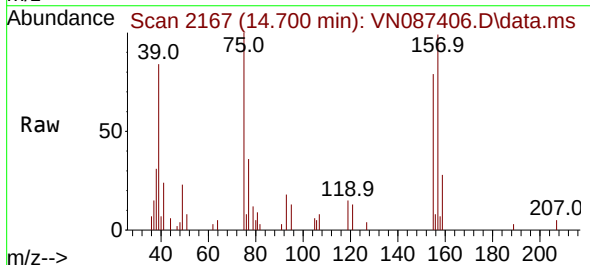
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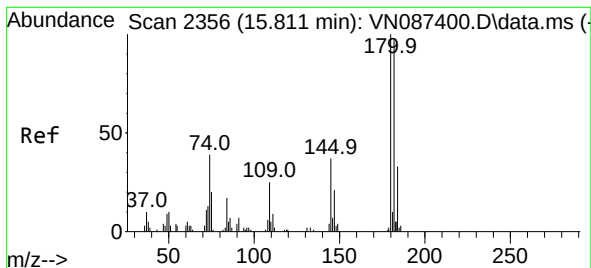
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.373 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

Tgt Ion: 75 Resp: 12352
Ion Ratio Lower Upper
75 100
155 75.1 61.3 91.9
157 92.8 85.5 128.3





#89

1,2,4-Trichlorobenzene

Concen: 16.676 ug/l

RT: 15.817 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087406.D

Acq: 23 Jul 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072325

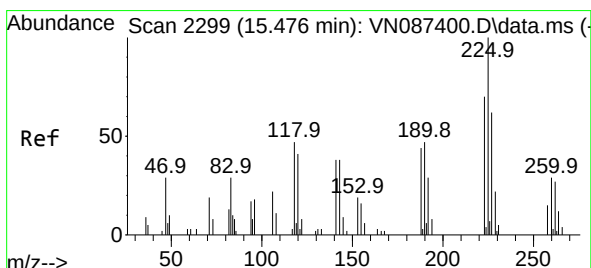
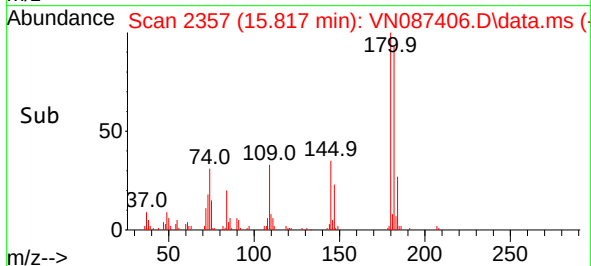
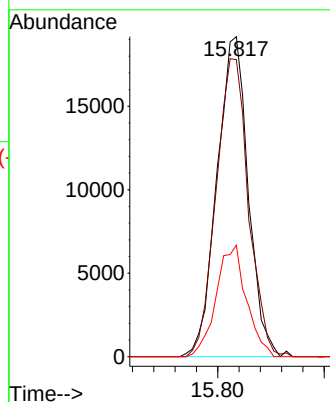
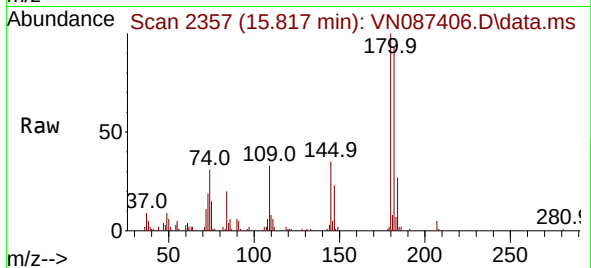
Tgt Ion:180	Resp:	3901
Ion Ratio	Lower	Upper
180	100	
182	96.1	74.2 111.2
145	33.7	29.3 43.9

Manual Integrations

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Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#90

Hexachlorobutadiene

Concen: 17.668 ug/l

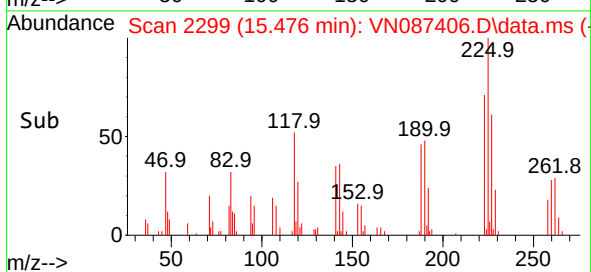
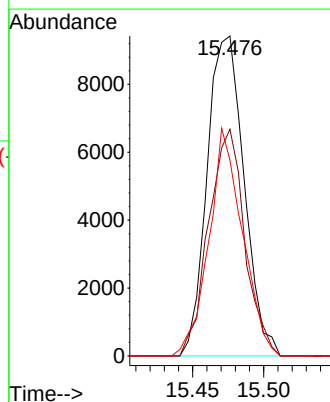
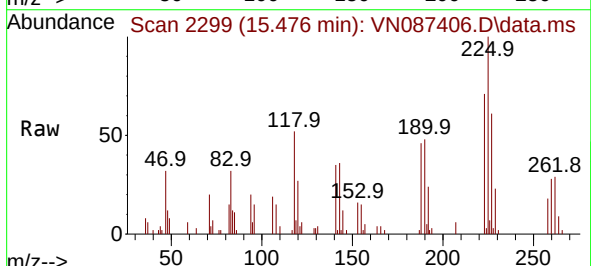
RT: 15.476 min Scan# 2299

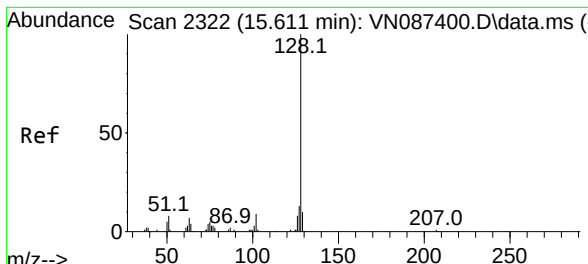
Delta R.T. 0.000 min

Lab File: VN087406.D

Acq: 23 Jul 2025 14:57

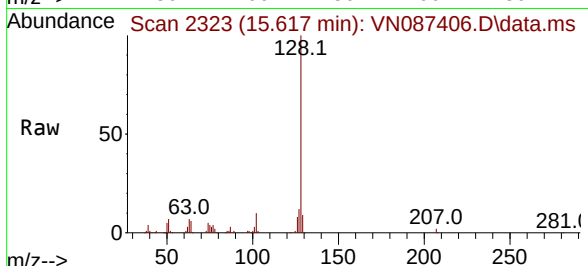
Tgt Ion:225	Resp:	17050
Ion Ratio	Lower	Upper
225	100	
223	69.1	0.0 125.2
227	64.7	0.0 122.4





#91
Naphthalene
Concen: 16.946 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57

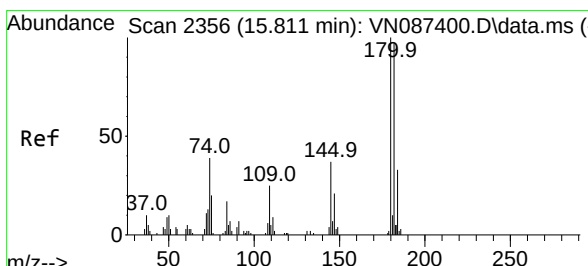
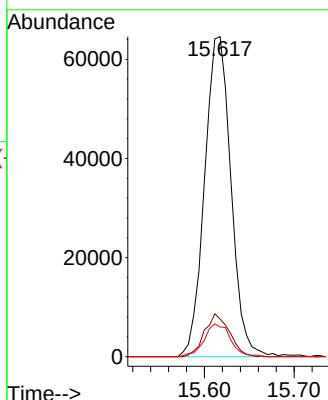
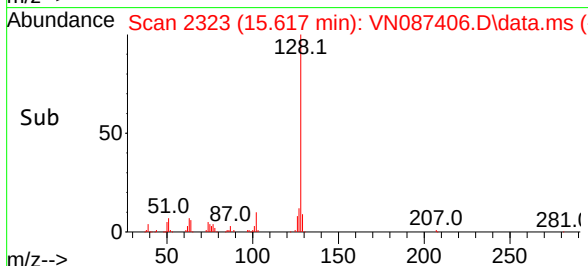
Instrument : MSVOA_N
ClientSampleId : ICVVN072325



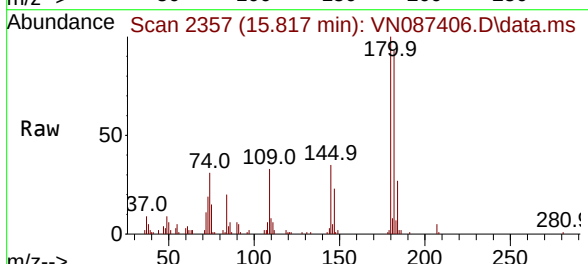
Tgt Ion:128 Resp: 131958
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 10.1 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#92
1,2,3-Trichlorobenzene
Concen: 16.676 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087406.D
Acq: 23 Jul 2025 14:57



Tgt Ion:180 Resp: 39015
Ion Ratio Lower Upper
180 100
182 96.1 0.0 185.4
145 33.7 0.0 73.2

