

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072325\
 Data File : VN087400.D
 Acq On : 23 Jul 2025 10:29
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 04:47:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 24 04:45:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	27767	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	130417	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	128421	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	69707	30.336	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.133%			
60) 4-Bromofluorobenzene	12.829	95	60978	28.477	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.933%			
63) Toluene-d8	10.547	98	176153	29.793	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	33446	20.550	ug/l	100
3) Chloromethane	2.389	50	32954	20.058	ug/l	100
4) Vinyl Chloride	2.542	62	34020	18.517	ug/l	100
5) Bromomethane	2.989	94	20154	19.231	ug/l	100
6) Chloroethane	3.142	64	28529	20.198	ug/l	100
7) Trichlorofluoromethane	3.512	101	62955	20.078	ug/l	100
8) Diethyl Ether	3.965	74	24291	19.888	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	32851	20.239	ug/l	100
10) 1,1-Dichloroethene	4.342	96	32616	19.387	ug/l	100
11) Methyl Iodide	4.583	142	16774	14.077	ug/l	100
12) Methyl Acetate	5.018	43	41499	19.014	ug/l	100
13) Acrolein	4.183	56	32964	87.471	ug/l	100
14) Acrylonitrile	5.712	53	91025	91.731	ug/l	100
15) Acetone	4.424	58	35454	102.368	ug/l	100
16) Carbon Disulfide	4.706	76	85211	19.703	ug/l	100
17) Allyl chloride	5.018	41	41684	17.980	ug/l	100
18) Methylene Chloride	5.271	84	35442m	20.748	ug/l	
19) trans-1,2-Dichloroethene	5.771	96	32316m	19.781	ug/l	
20) Diisopropyl ether	6.665	45	104596	18.029	ug/l	100
21) 1,1-Dichloroethane	6.559	63	60378	18.992	ug/l	100
22) cis-1,2-Dichloroethene	7.477	96	36718	18.870	ug/l	100
23) tert-Butyl Alcohol	5.524	59	31670	93.715	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	100511	18.748	ug/l	100
25) Chloroform	7.947	83	67390	19.610	ug/l	100
26) Cyclohexane	8.241	56	40984	17.368	ug/l	100
29) 1,1-Dichloropropene	8.353	75	40484	18.360	ug/l	100
30) 2-Butanone	7.471	43	133079	89.708	ug/l	100
31) 2,2-Dichloropropane	7.471	77	55199	19.061	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	56056	19.562	ug/l	100
33) Carbon Tetrachloride	8.347	117	48546	19.291	ug/l	100
34) Benzene	8.588	78	133184	18.952	ug/l	100
35) Methacrylonitrile	7.765	41	27134	17.703	ug/l	100
36) 1,2-Dichloroethane	8.653	62	55064	19.602	ug/l	100
37) Trichloroethene	9.335	130	30768	18.714	ug/l	100
38) Methylcyclohexane	9.582	83	39897	17.489	ug/l	100
39) 1,2-Dichloropropane	9.606	63	33853	19.172	ug/l	100
40) Dibromomethane	9.688	93	27550	19.767	ug/l	100
41) Bromodichloromethane	9.871	83	54322	19.684	ug/l	100
42) Vinyl Acetate	6.588	43	446972	87.987	ug/l	100

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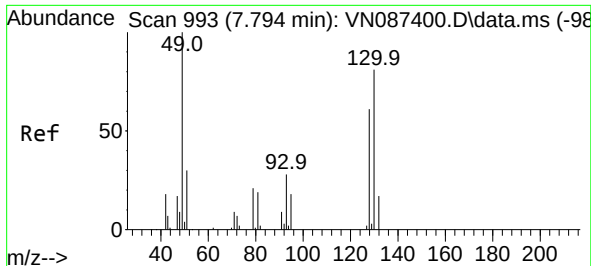
Manual Integrations
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Reviewed By : John Carlone 07/24/2025
 Supervised By : Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 04:47:20 2025
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 QLast Update : Thu Jul 24 04:45:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	57748	18.630	ug/l	100
44) Isopropyl Acetate	8.677	43	85629	18.168	ug/l	100
45) 1,4-Dioxane	9.682	88	11772	408.264	ug/l	100
46) Methyl methacrylate	9.665	41	38142	17.623	ug/l	100
47) n-amyl Acetate	12.512	43	45383m	18.652	ug/l	
48) t-1,3-Dichloropropene	10.818	75	52391	18.032	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	55661	18.950	ug/l	100
50) 1,1,2-Trichloroethane	10.994	97	34548	19.337	ug/l	100
51) Ethyl methacrylate	10.853	69	47990	17.749	ug/l	100
52) 1,3-Dichloropropane	11.141	76	57161	18.867	ug/l	100
53) Dibromochloromethane	11.341	129	40328	19.214	ug/l	100
54) 1,2-Dibromoethane	11.447	107	35413	18.935	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	157485	108.687	ug/l	100
56) Bromoform	12.559	173	26600	17.949	ug/l	100
58) 4-Methyl-2-Pentanone	10.429	43	282441	91.785	ug/l	100
59) 2-Hexanone	11.176	43	186567	89.134	ug/l	100
61) Tetrachloroethene	11.088	164	27708	19.234	ug/l	100
62) Toluene	10.612	91	142637	18.421	ug/l	100
64) Chlorobenzene	11.870	112	93071	19.004	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.935	131	34520	19.167	ug/l	100
66) Ethyl Benzene	11.947	91	142515	17.246	ug/l	100
67) m/p-Xylenes	12.053	106	118595	35.912	ug/l	100
68) o-Xylene	12.376	106	54870	17.727	ug/l	100
69) Styrene	12.388	104	95241	17.494	ug/l	100
70) Isopropylbenzene	12.676	105	140081	17.654	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.917	83	53302	18.794	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	46051m	12.817	ug/l	
73) Bromobenzene	12.959	156	37745	18.233	ug/l	100
74) n-propylbenzene	13.012	91	179285	17.779	ug/l	100
75) 2-Chlorotoluene	13.106	91	107691	18.087	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	121117	17.638	ug/l	100
77) t-1,4-Dichloro-2-butene	12.723	75	16109	16.381	ug/l	100
78) 4-Chlorotoluene	13.200	91	112420	17.596	ug/l	100
79) tert-butylbenzene	13.417	119	98238	16.969	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	123108	17.516	ug/l	99
81) sec-Butylbenzene	13.594	105	141966	16.808	ug/l	100
82) p-Isopropyltoluene	13.706	119	122521	16.942	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	74523	17.852	ug/l	100
84) 1,4-Dichlorobenzene	13.788	146	72591	17.595	ug/l	100
85) n-Butylbenzene	14.035	91	108977	16.497	ug/l	100
86) Hexachloroethane	14.312	117	24372	17.135	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	70006	17.679	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.694	75	10355	16.108	ug/l	100
89) 1,2,4-Trichlorobenzene	15.811	180	38903	17.224	ug/l	100
90) Hexachlorobutadiene	15.476	225	16919	18.113	ug/l	100
91) Naphthalene	15.611	128	118917	15.987	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	38903	17.224	ug/l	100

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



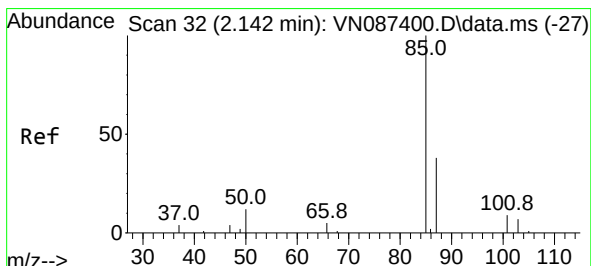
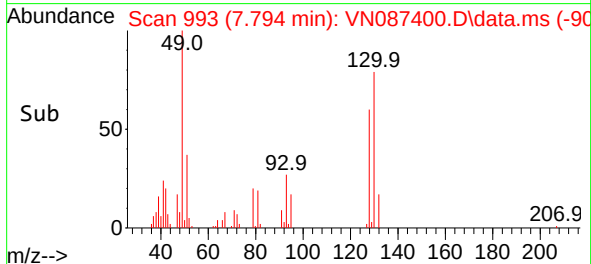
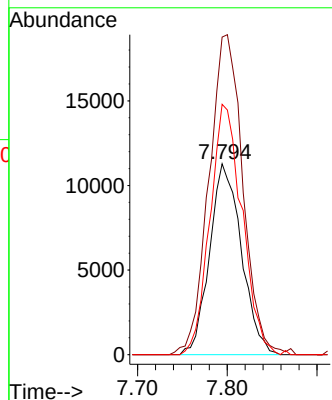
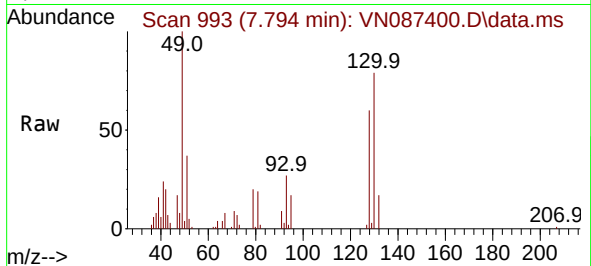
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 2776
Ion Ratio Lower Upper
128 100
49 178.5 0.0 446.2
130 132.4 0.0 331.0

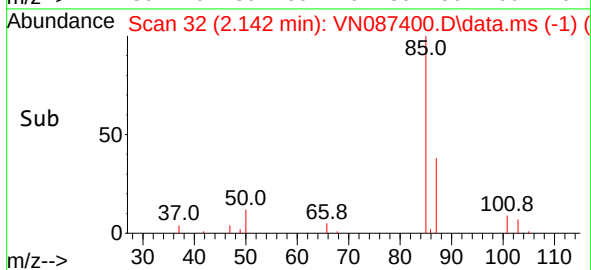
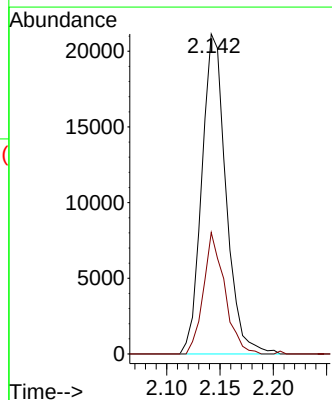
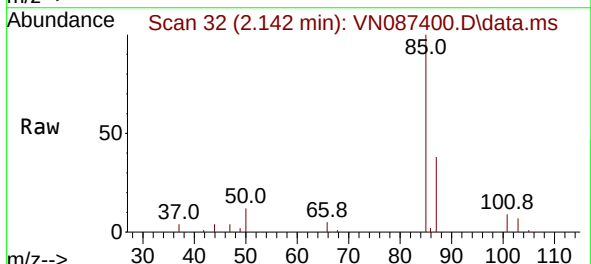
Manual Integrations
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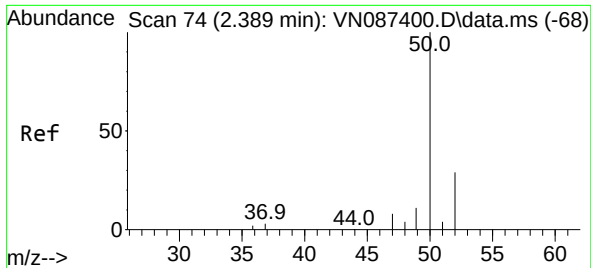
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#2
Dichlorodifluoromethane
Concen: 20.550 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

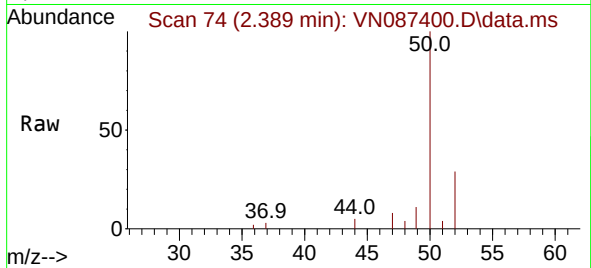
Tgt Ion: 85 Resp: 33446
Ion Ratio Lower Upper
85 100
87 37.9 18.9 56.9





#3
Chloromethane
Concen: 20.058 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

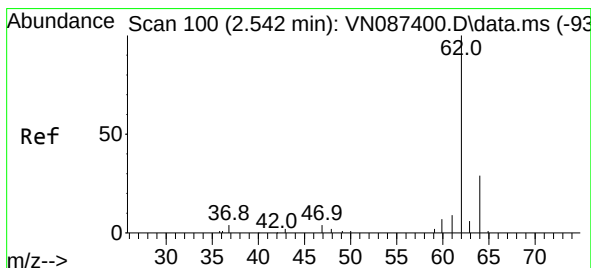
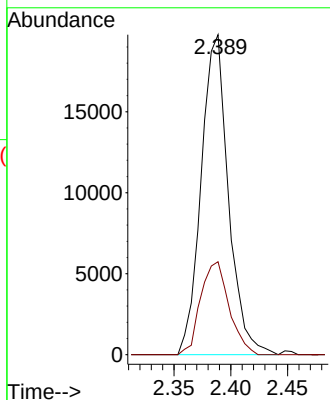
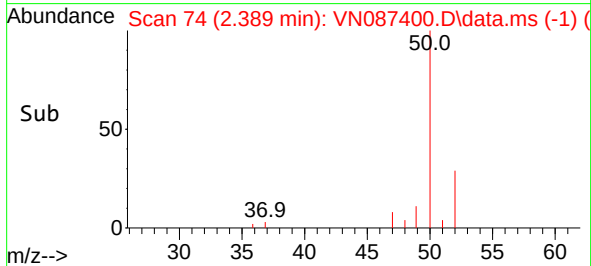
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



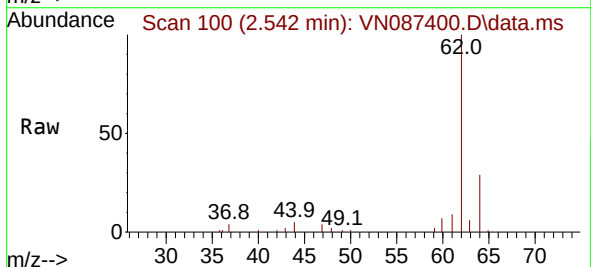
Tgt Ion: 50 Resp: 32954
Ion Ratio Lower Upper
50 100
52 29.0 23.2 34.8

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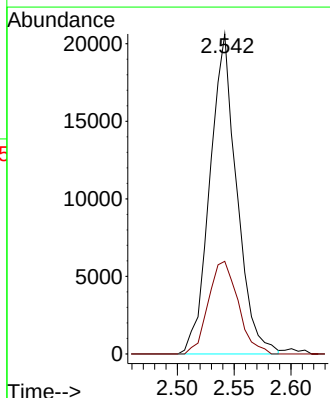
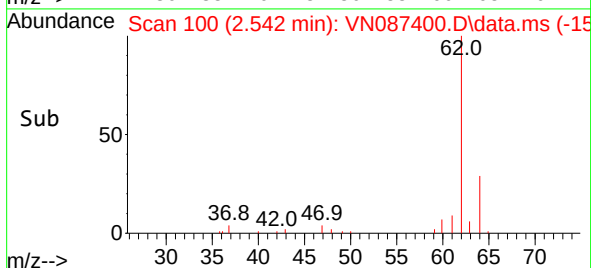
Reviewed By :John Carlone 07/24/2025
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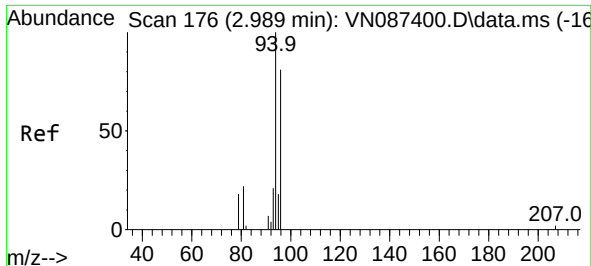


#4
Vinyl Chloride
Concen: 18.517 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29



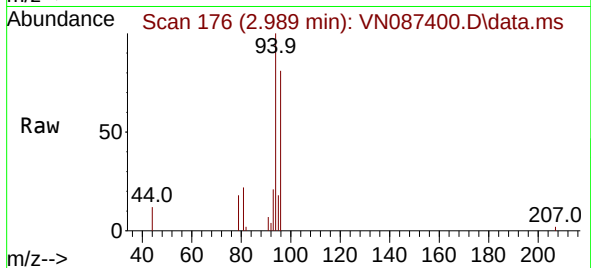
Tgt Ion: 62 Resp: 34020
Ion Ratio Lower Upper
62 100
64 29.0 23.2 34.8





#5
Bromomethane
Concen: 19.231 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

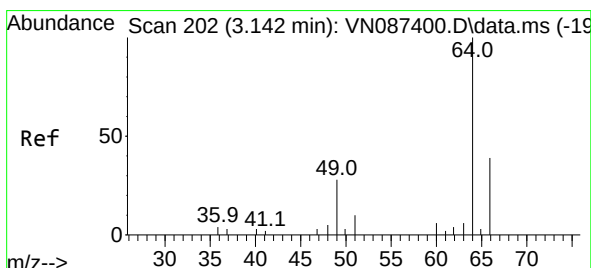
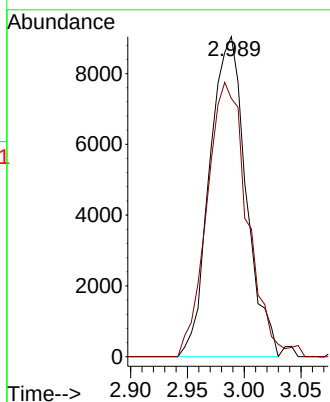
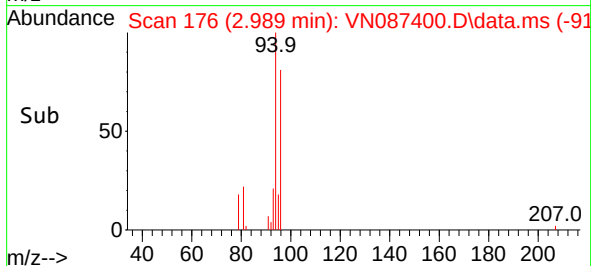
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 20154
Ion Ratio Lower Upper
94 100
96 80.7 64.6 96.8

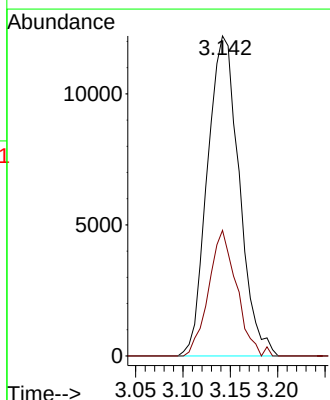
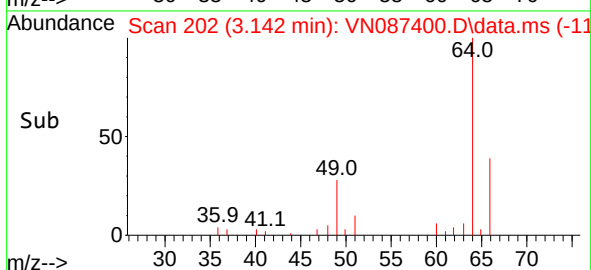
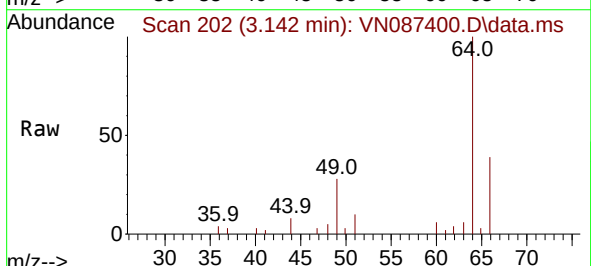
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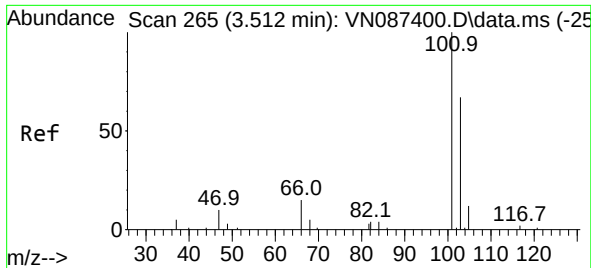
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#6
Chloroethane
Concen: 20.198 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

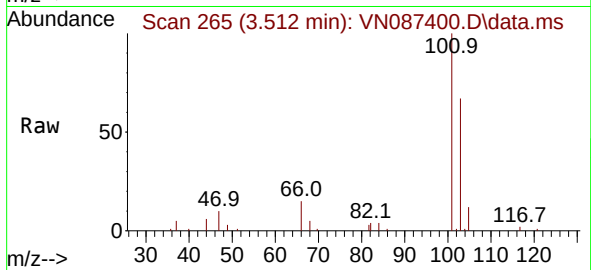
Tgt Ion: 64 Resp: 28529
Ion Ratio Lower Upper
64 100
66 39.3 31.4 47.2





#7
 Trichlorofluoromethane
 Concen: 20.078 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN087400.D
 Acq: 23 Jul 2025 10:29

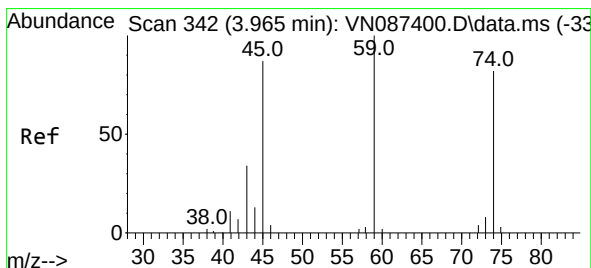
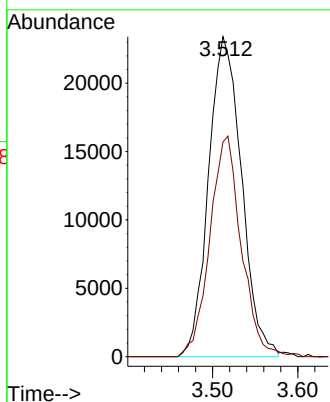
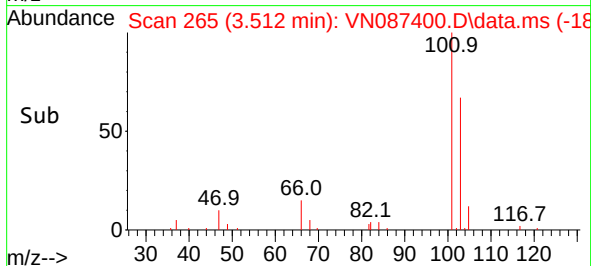
Instrument :
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 VSTDICCC020



Tgt Ion:101 Resp: 6295
 Ion Ratio Lower Upper
 101 100
 103 67.1 53.7 80.5

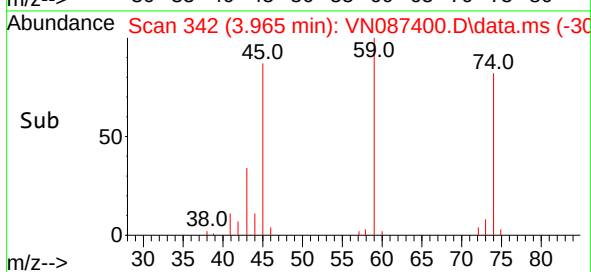
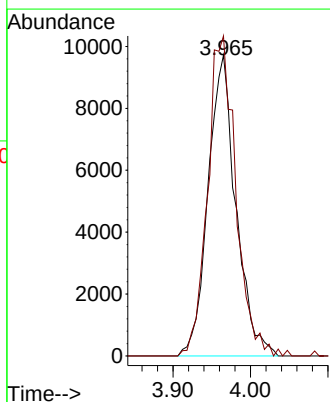
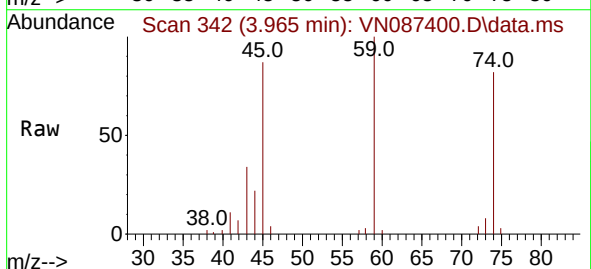
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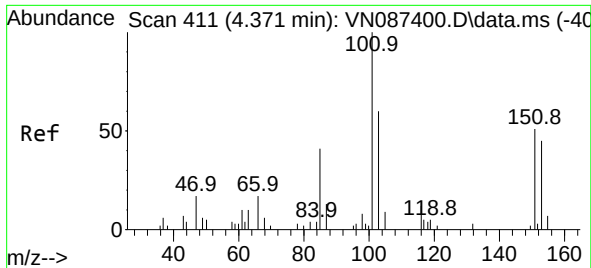
Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025



#8
 Diethyl Ether
 Concen: 19.888 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087400.D
 Acq: 23 Jul 2025 10:29

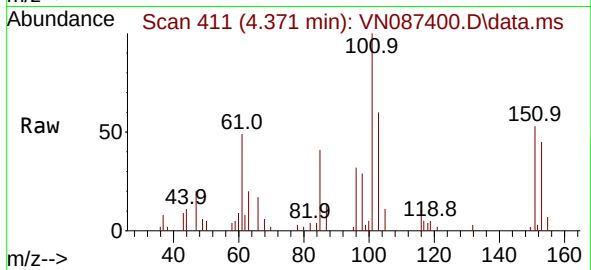
Tgt Ion: 74 Resp: 24291
 Ion Ratio Lower Upper
 74 100
 45 107.1 21.4 192.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.239 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

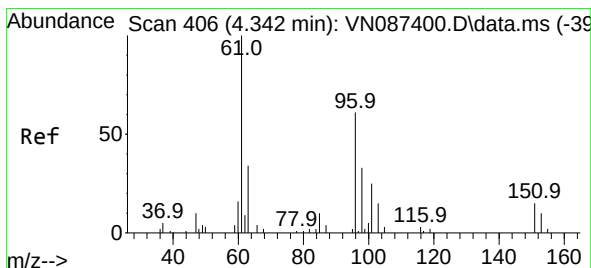
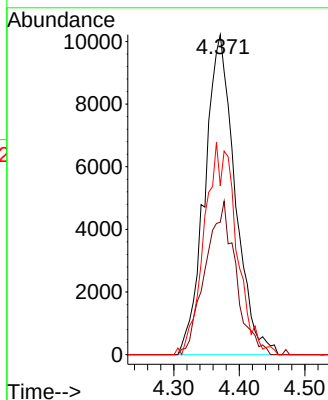
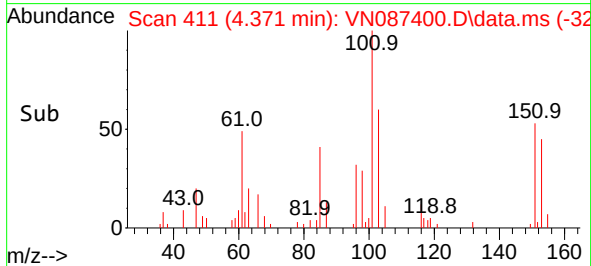
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



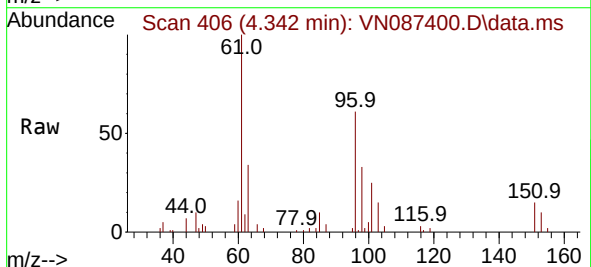
Tgt Ion: 101 Resp: 3285
Ion Ratio Lower Upper
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151 32.4 0.0 64.8

Manual Integrations
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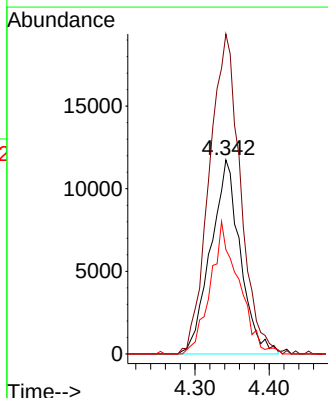
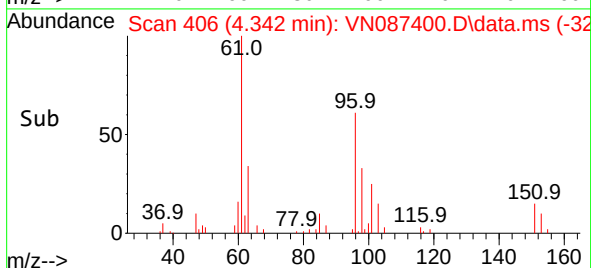
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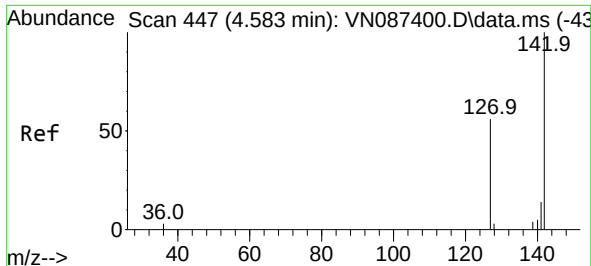


#10
1,1-Dichloroethene
Concen: 19.387 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29



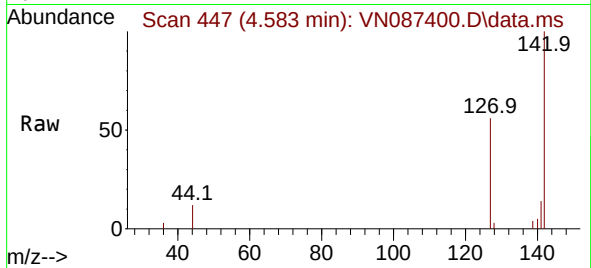
Tgt Ion: 96 Resp: 32616
Ion Ratio Lower Upper
96 100
61 164.8 131.8 197.8
98 53.7 43.0 64.4





#11
Methyl Iodide
Concen: 14.077 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

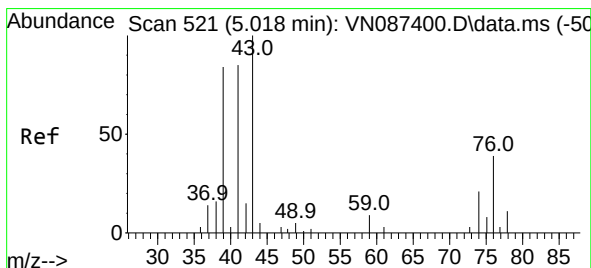
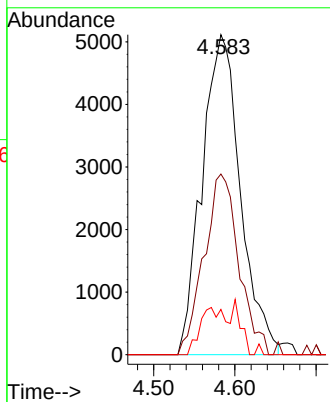
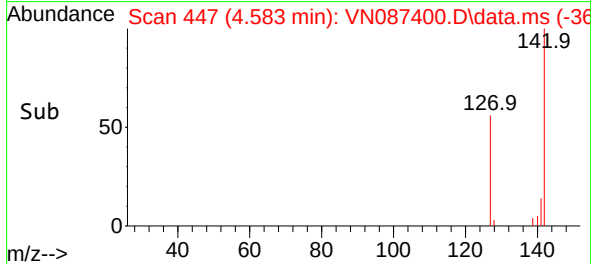
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 16774
Ion Ratio Lower Upper
142 100
127 55.3 27.7 83.0
141 14.4 7.2 21.6

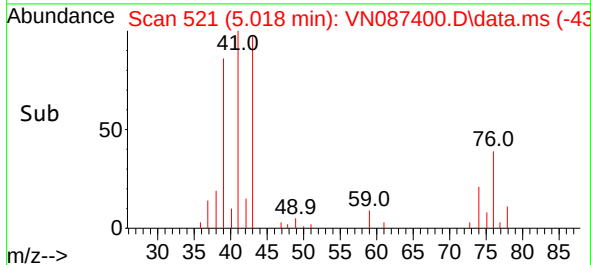
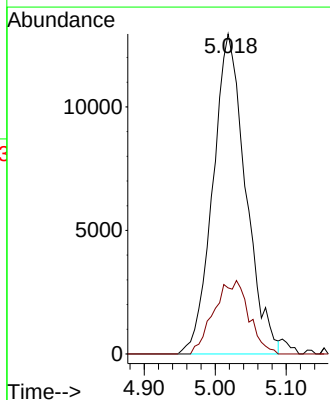
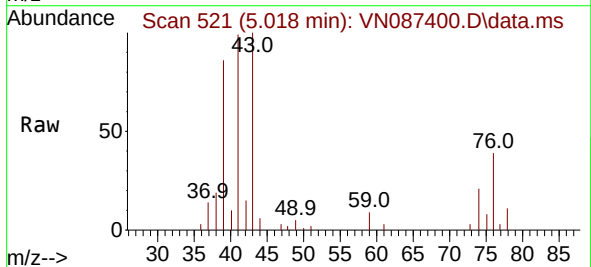
Manual Integrations
APPROVED

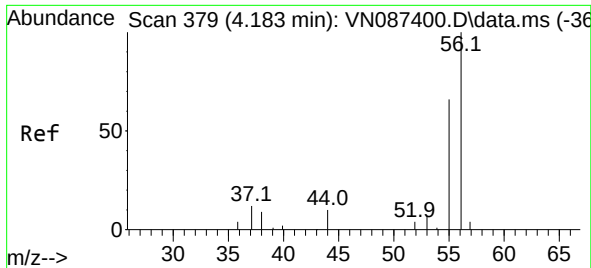
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#12
Methyl Acetate
Concen: 19.014 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

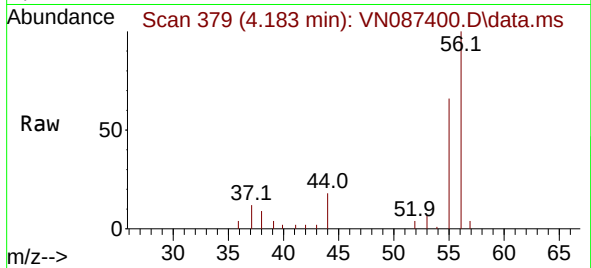
Tgt Ion: 43 Resp: 41499
Ion Ratio Lower Upper
43 100
74 21.1 16.9 25.3





#13
Acrolein
Concen: 87.471 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

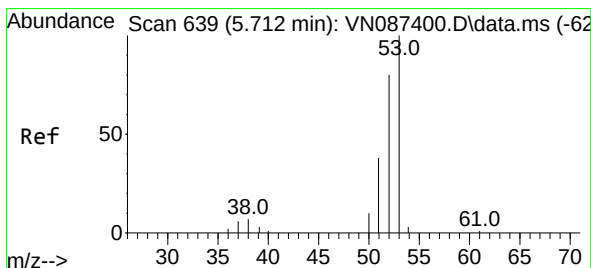
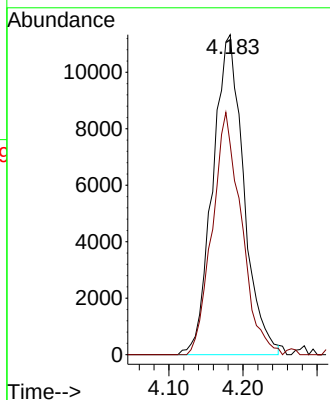
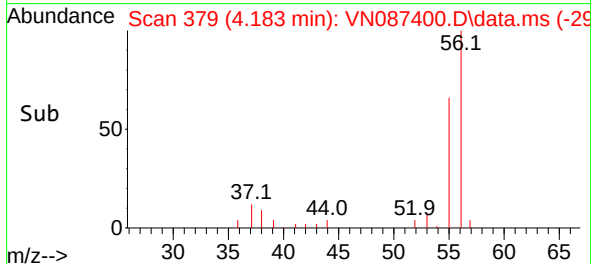
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



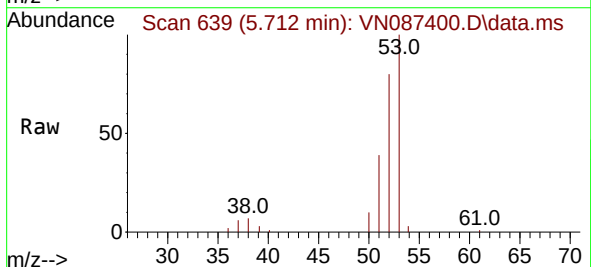
Tgt Ion: 56 Resp: 32964
Ion Ratio Lower Upper
56 100
55 71.0 56.8 85.2

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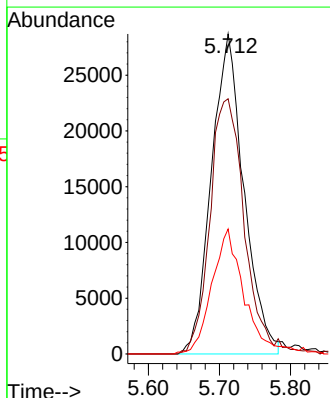
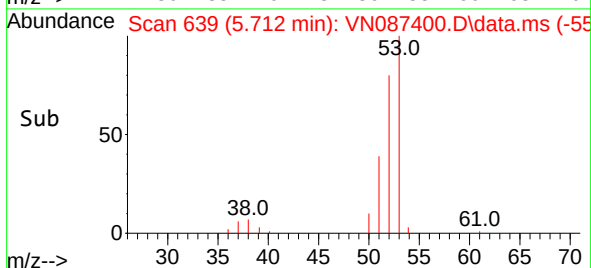
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

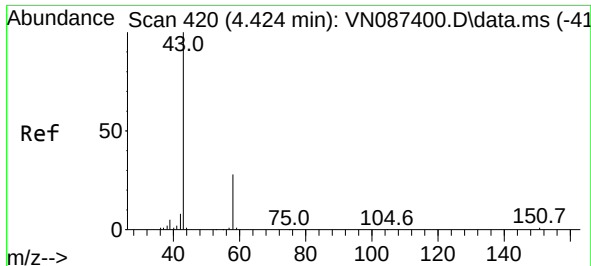


#14
Acrylonitrile
Concen: 91.731 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29



Tgt Ion: 53 Resp: 91025
Ion Ratio Lower Upper
53 100
52 83.1 41.5 124.6
51 38.9 19.4 58.4





#15

Acetone

Concen: 102.368 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN087400.D

Acq: 23 Jul 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 58 Resp: 3545

Ion Ratio Lower Upper

58 100

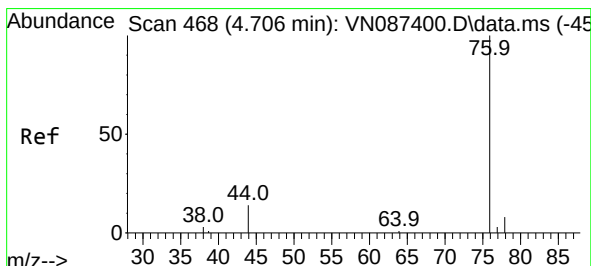
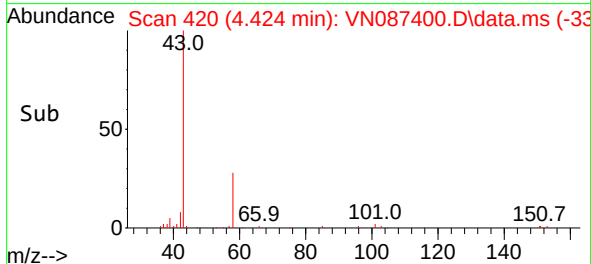
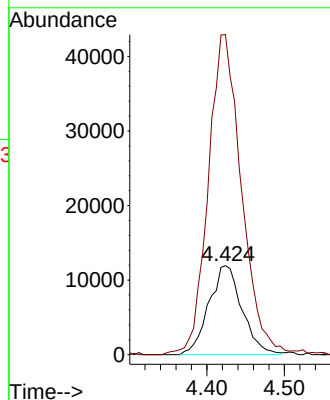
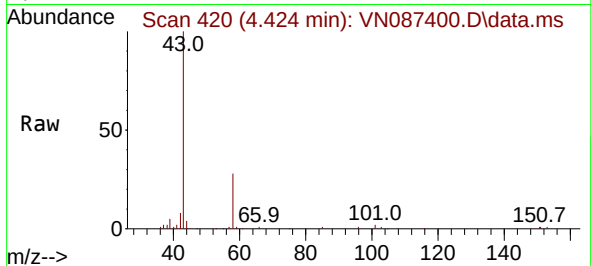
43 354.2 283.4 425.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#16

Carbon Disulfide

Concen: 19.703 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.000 min

Lab File: VN087400.D

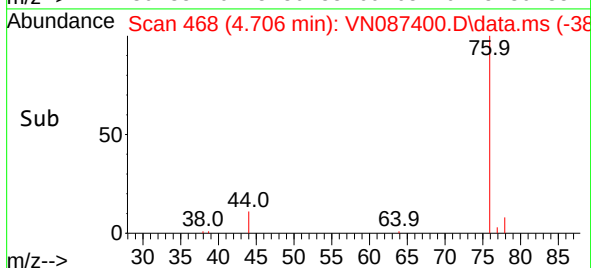
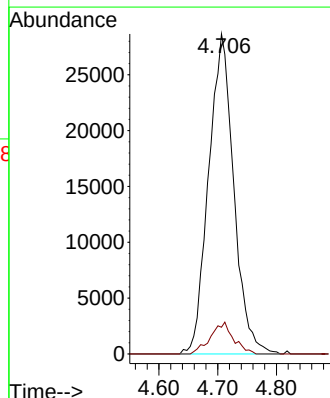
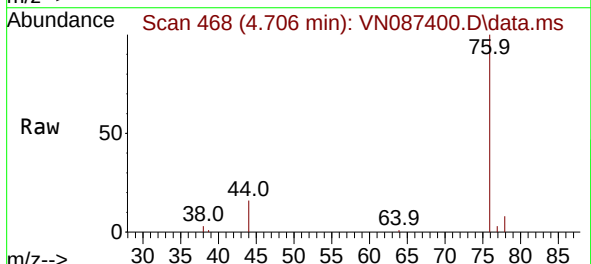
Acq: 23 Jul 2025 10:29

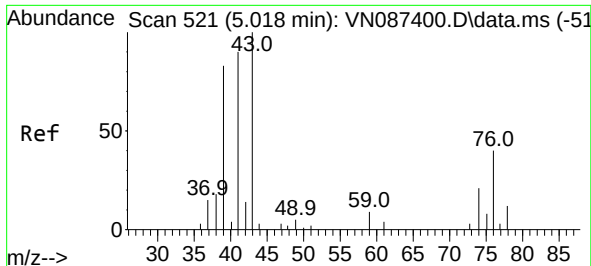
Tgt Ion: 76 Resp: 85211

Ion Ratio Lower Upper

76 100

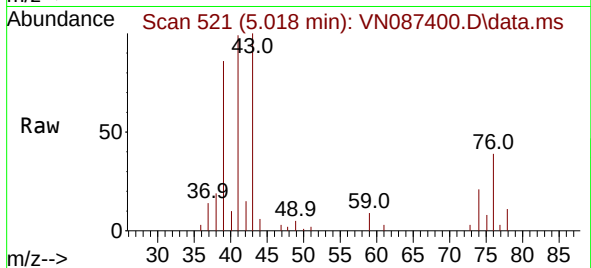
78 8.3 6.6 10.0





#17
 Allyl chloride
 Concen: 17.980 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN087400.D
 Acq: 23 Jul 2025 10:29

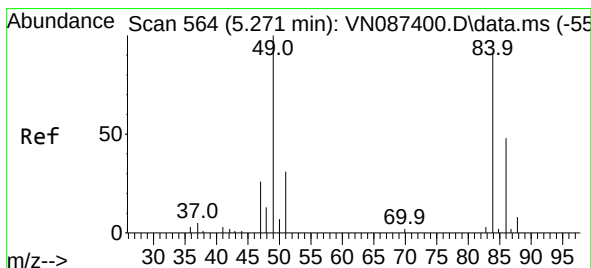
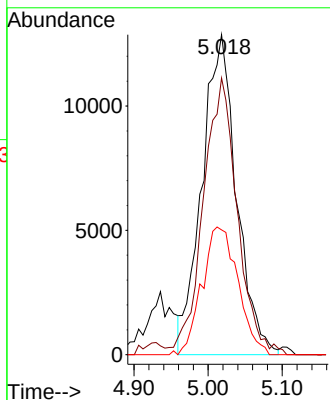
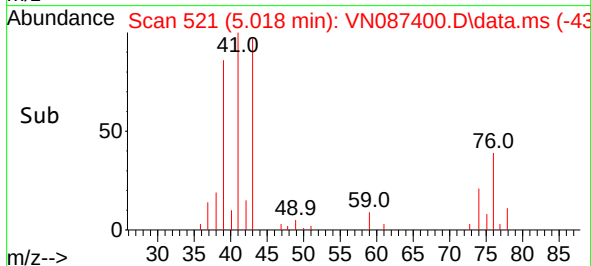
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 41684
 Ion Ratio Lower Upper
 41 100
 39 85.8 42.9 128.7
 76 39.6 19.8 59.4

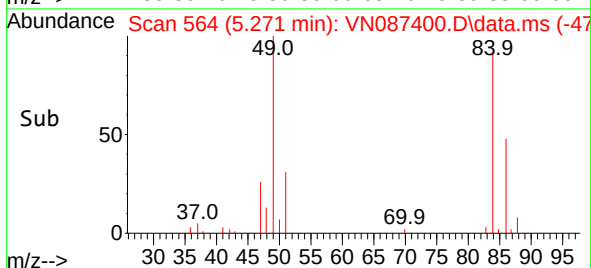
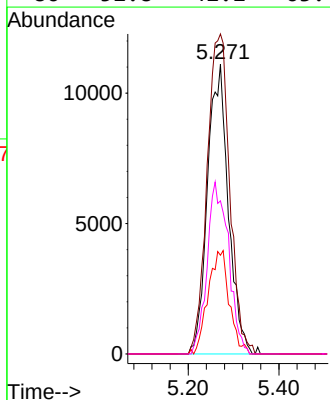
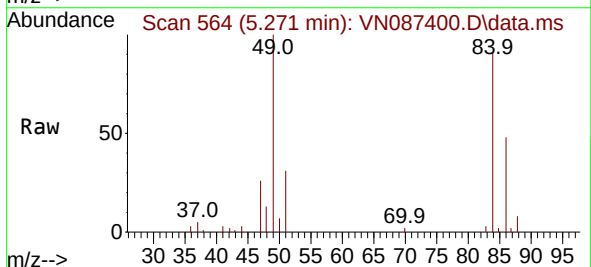
Manual Integrations
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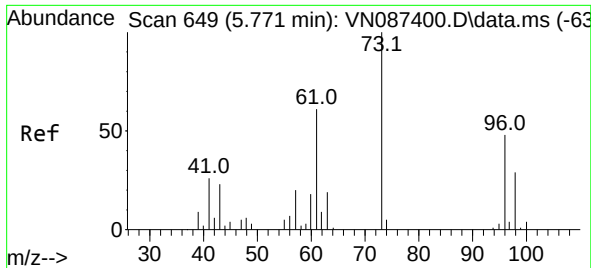
Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025



#18
 Methylene Chloride
 Concen: 20.748 ug/l m
 RT: 5.271 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: VN087400.D
 Acq: 23 Jul 2025 10:29

Tgt Ion: 84 Resp: 35442
 Ion Ratio Lower Upper
 84 100
 49 110.5 88.4 132.6
 51 34.1 27.3 40.9
 86 52.8 42.2 63.4





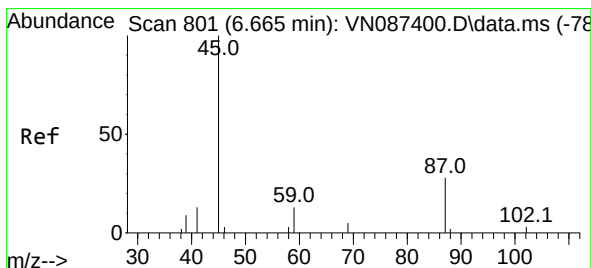
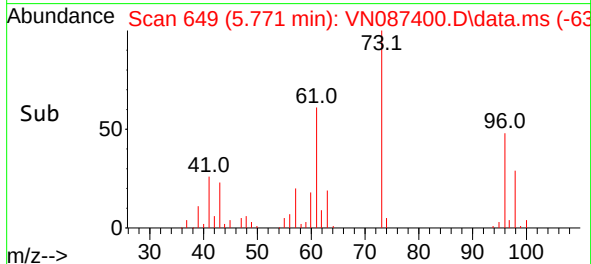
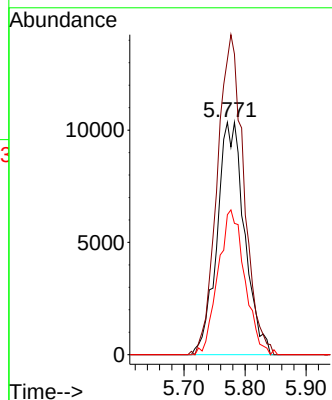
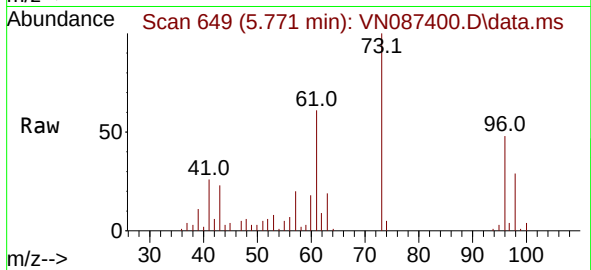
#19
trans-1,2-Dichloroethene
Concen: 19.781 ug/l m
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 96 Resp: 32310
Ion Ratio Lower Upper
96 100
61 127.1 101.7 152.5
98 60.3 48.2 72.4

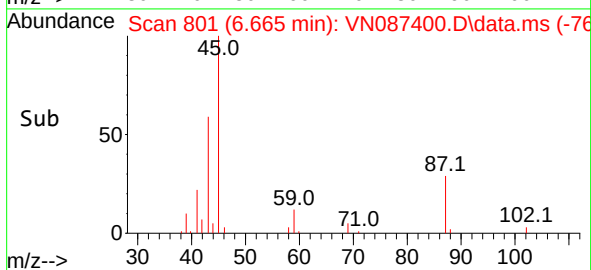
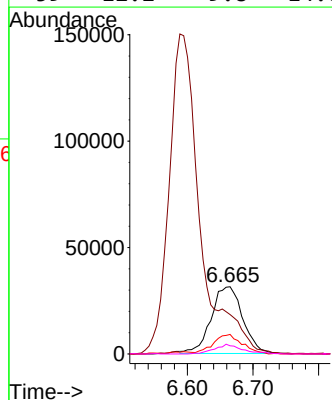
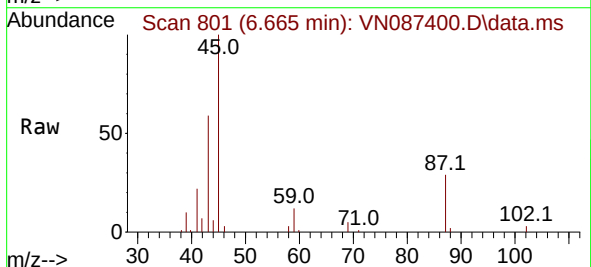
Manual Integrations
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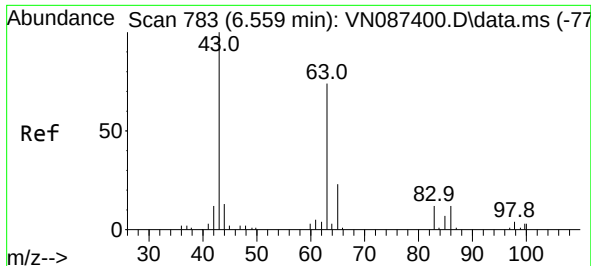
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#20
Diisopropyl ether
Concen: 18.029 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion: 45 Resp: 104596
Ion Ratio Lower Upper
45 100
43 57.5 46.0 69.0
87 29.3 23.4 35.2
59 12.2 9.8 14.6





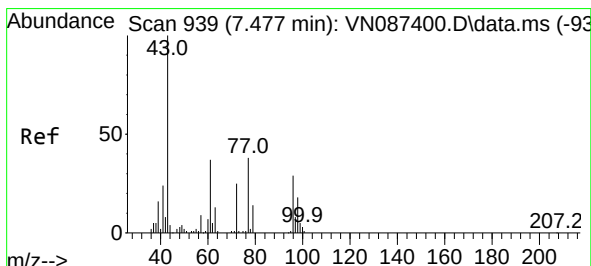
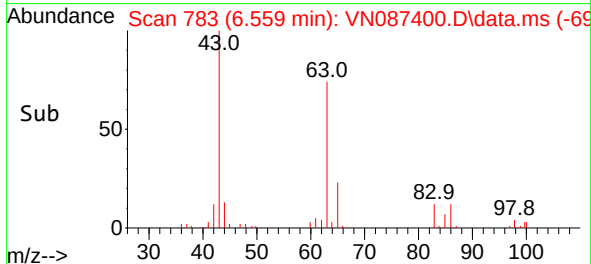
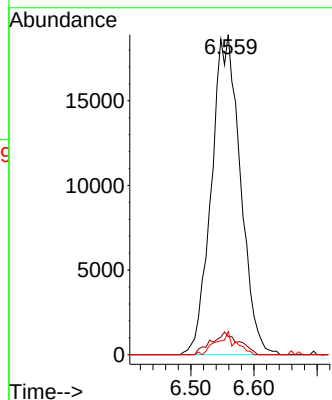
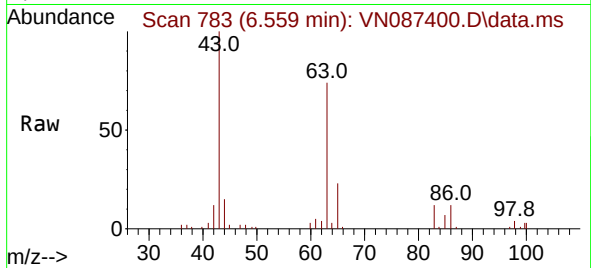
#21
1,1-Dichloroethane
Concen: 18.992 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 60378
Ion Ratio Lower Upper
63 100
98 5.7 2.9 8.6
100 7.2 3.6 10.8

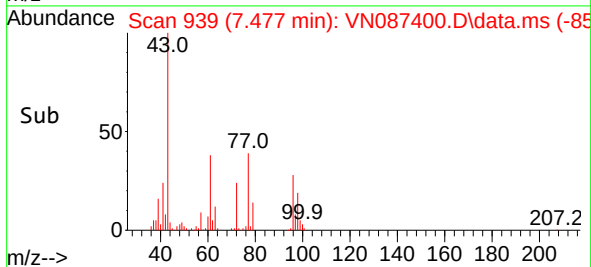
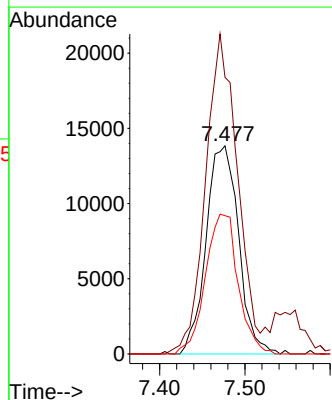
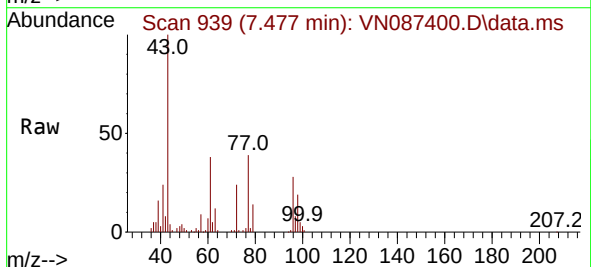
Manual Integrations
APPROVED

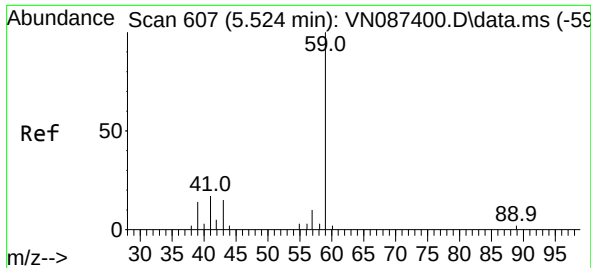
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#22
cis-1,2-Dichloroethene
Concen: 18.870 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion: 96 Resp: 36718
Ion Ratio Lower Upper
96 100
61 150.5 120.4 180.6
98 67.5 54.0 81.0





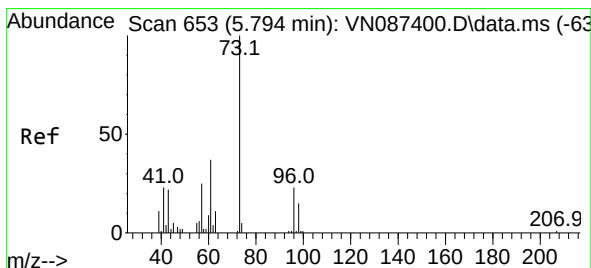
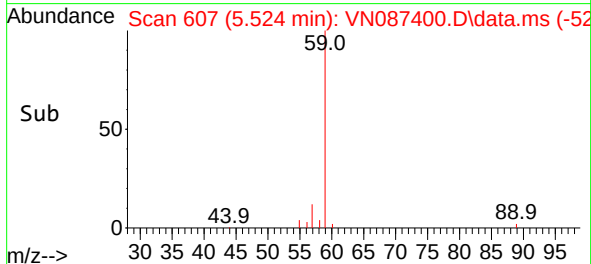
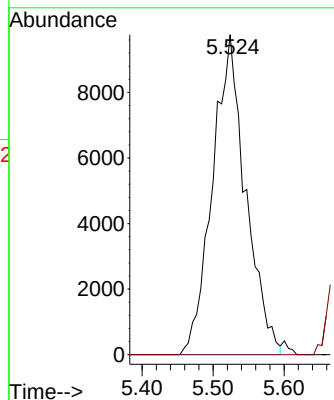
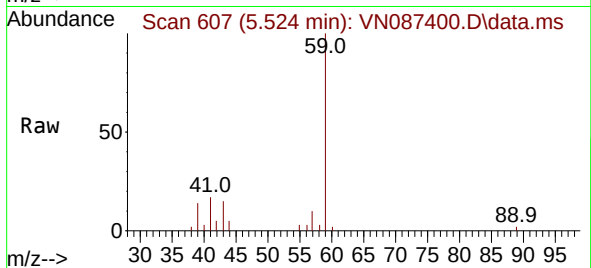
#23
tert-Butyl Alcohol
Concen: 93.715 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 31670
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

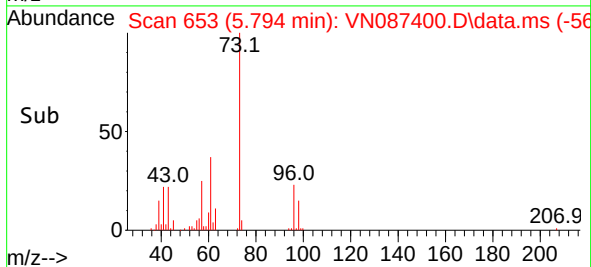
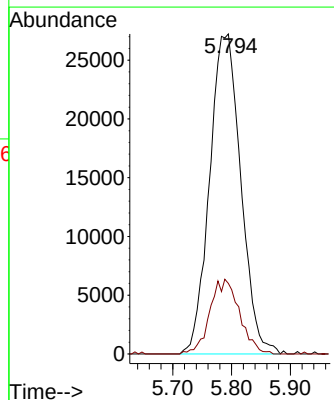
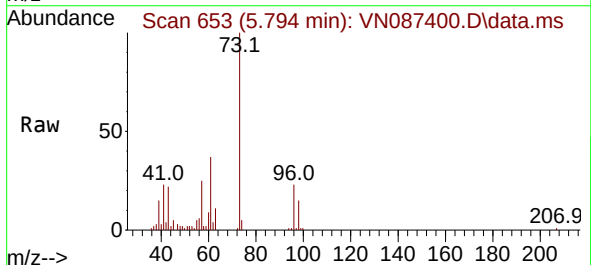
Manual Integrations
APPROVED

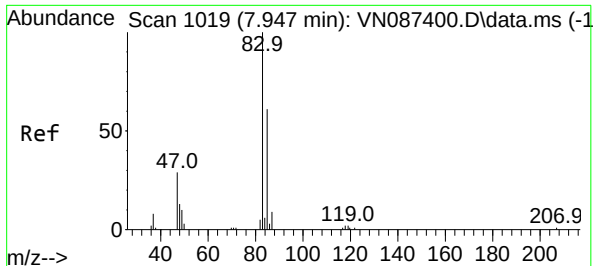
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#24
Methyl tert-Butyl Ether
Concen: 18.748 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion: 73 Resp: 100511
Ion Ratio Lower Upper
73 100
43 22.1 17.7 26.5





#25

Chloroform

Concen: 19.610 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087400.D

Acq: 23 Jul 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 67390

Ion Ratio Lower Upper

83 100

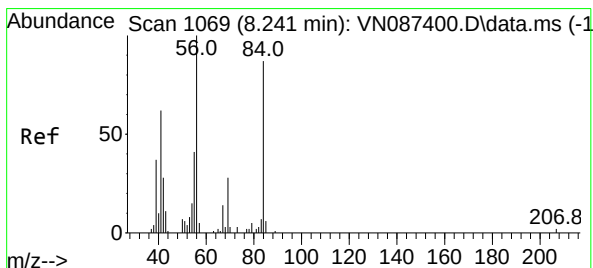
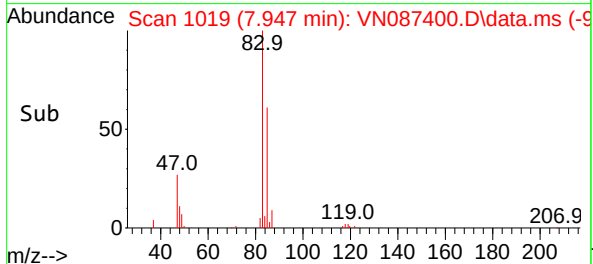
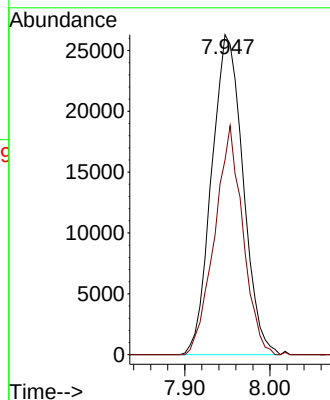
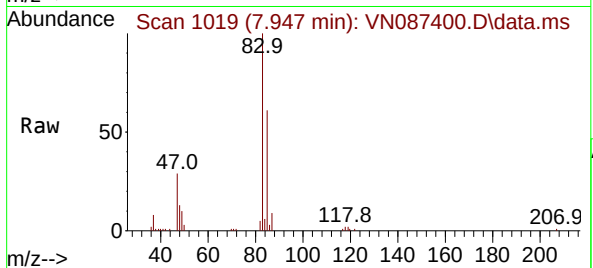
85 60.8 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#26

Cyclohexane

Concen: 17.368 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087400.D

Acq: 23 Jul 2025 10:29

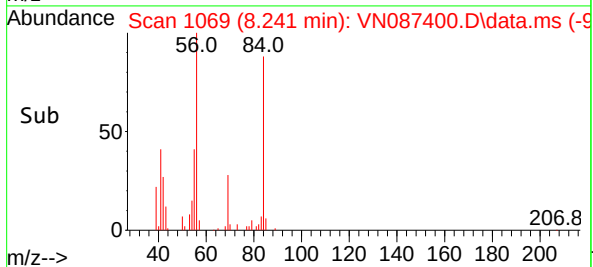
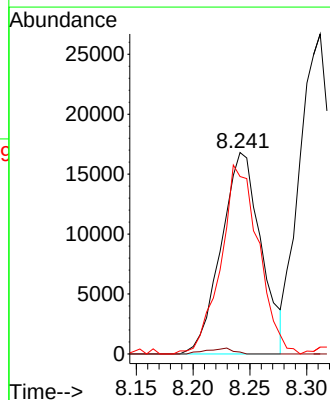
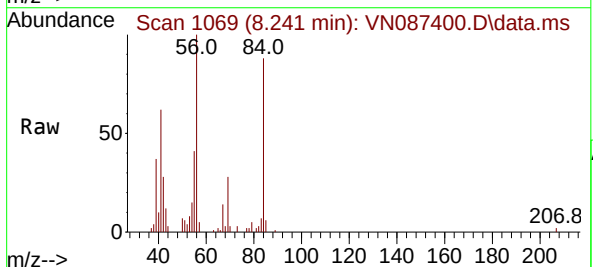
Tgt Ion: 56 Resp: 40984

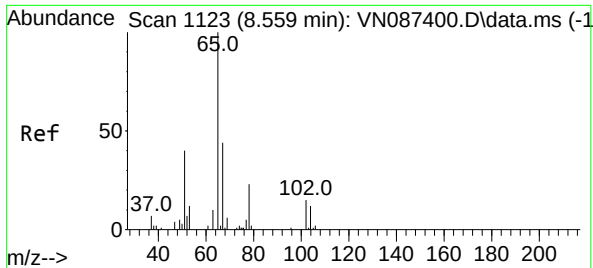
Ion Ratio Lower Upper

56 100

89 1.9 1.5 2.3

84 89.0 71.2 106.8





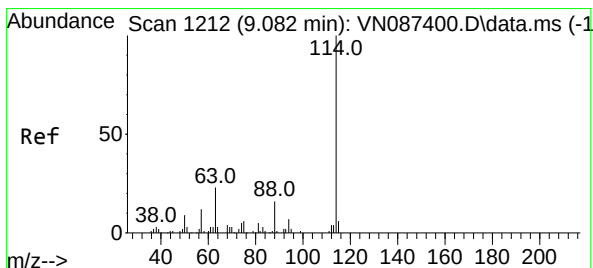
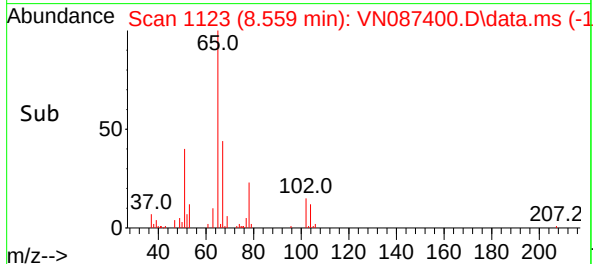
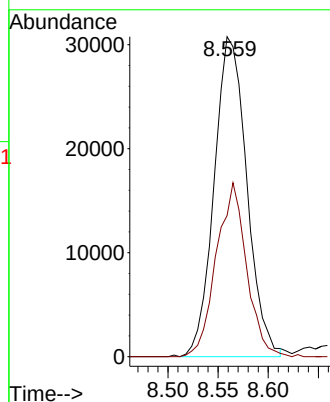
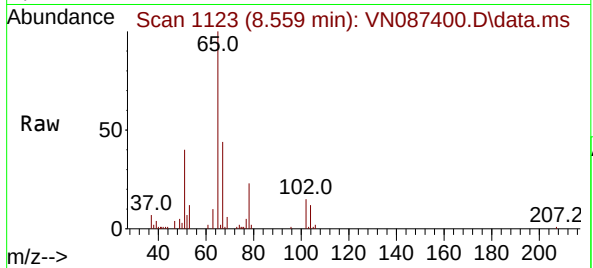
#27
1,2-Dichloroethane-d4
Concen: 30.336 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 6970
Ion Ratio Lower Upper
65 100
67 50.3 40.2 60.4

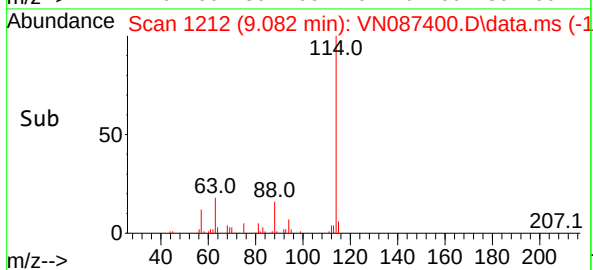
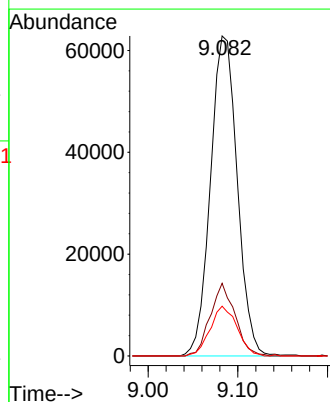
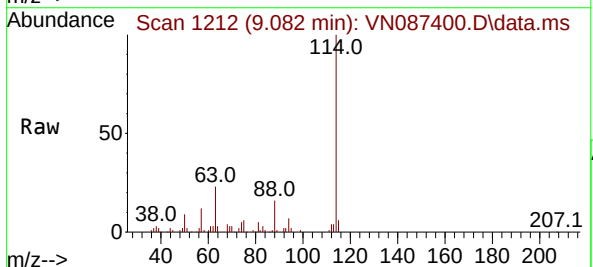
Manual Integrations
APPROVED

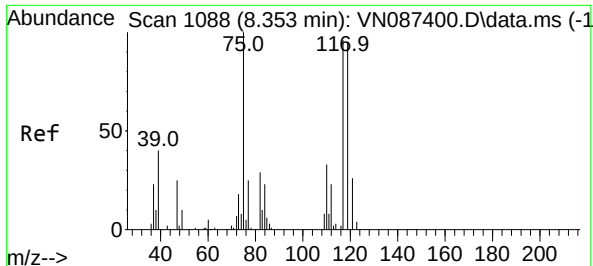
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion:114 Resp: 130417
Ion Ratio Lower Upper
114 100
63 21.0 16.8 25.2
88 15.6 12.5 18.7





#29

1,1-Dichloropropene

Concen: 18.360 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087400.D

Acq: 23 Jul 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

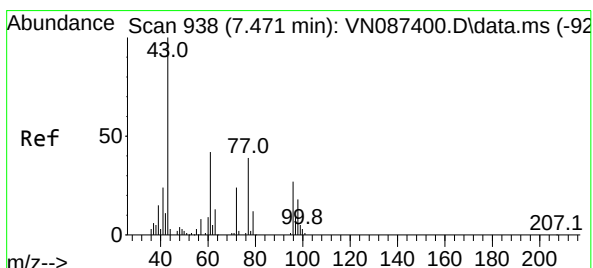
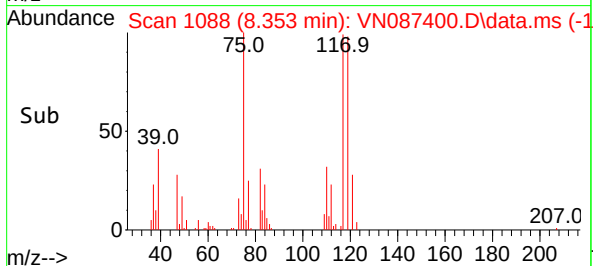
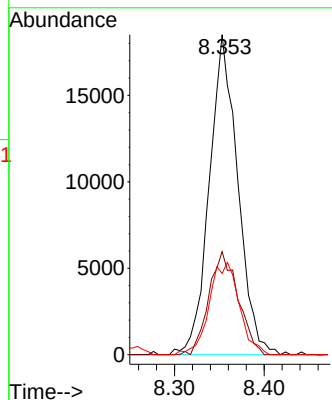
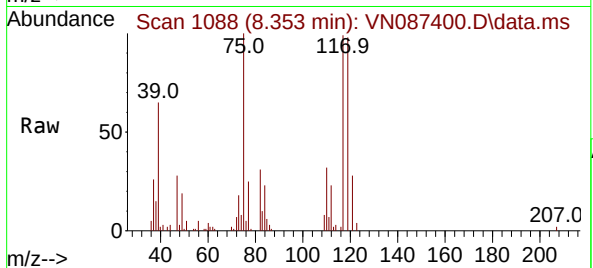
Tgt Ion:	75	Resp:	4048
Ion Ratio	Lower	Upper	
75	100		
110	33.2	0.0	66.4
77	30.8	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#30

2-Butanone

Concen: 89.708 ug/l

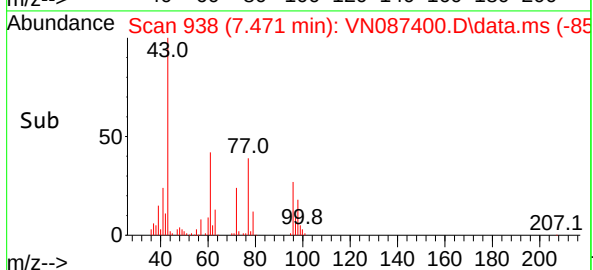
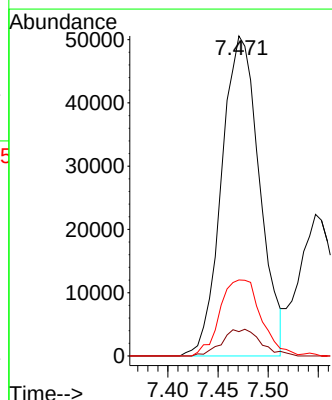
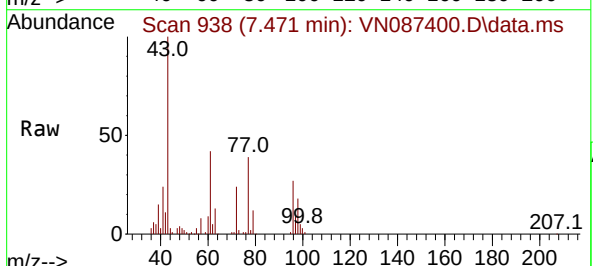
RT: 7.471 min Scan# 938

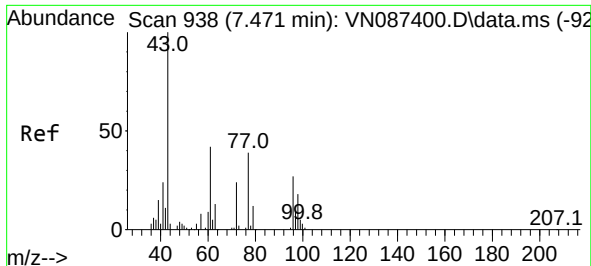
Delta R.T. 0.000 min

Lab File: VN087400.D

Acq: 23 Jul 2025 10:29

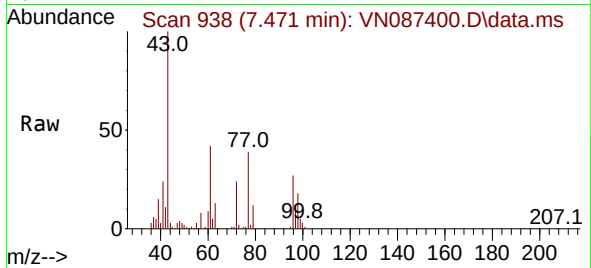
Tgt Ion:	43	Resp:	133079
Ion Ratio	Lower	Upper	
43	100		
57	8.2	6.6	9.8
72	25.7	20.6	30.8





#31
2,2-Dichloropropane
Concen: 19.061 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

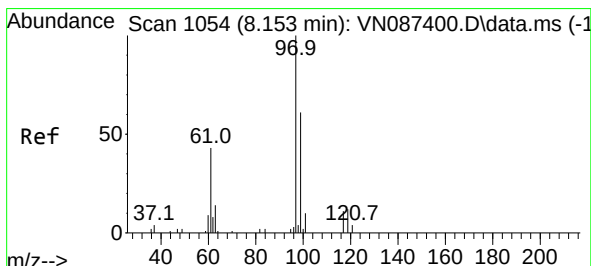
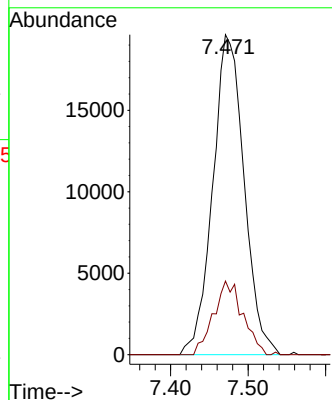
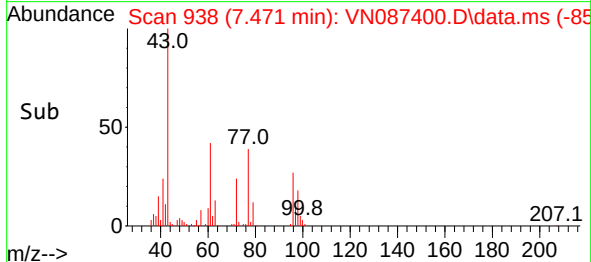
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 77 Resp: 5519
Ion Ratio Lower Upper
77 100
97 21.4 17.1 25.7

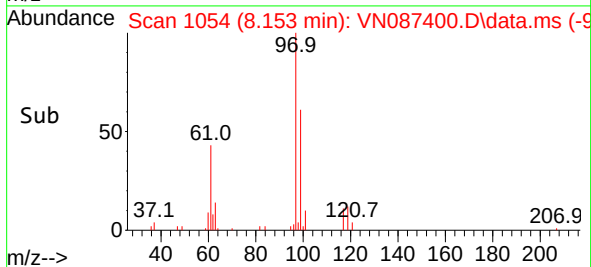
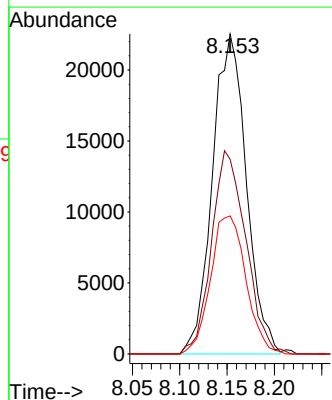
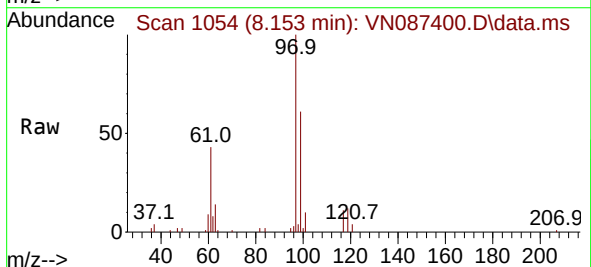
Manual Integrations
APPROVED

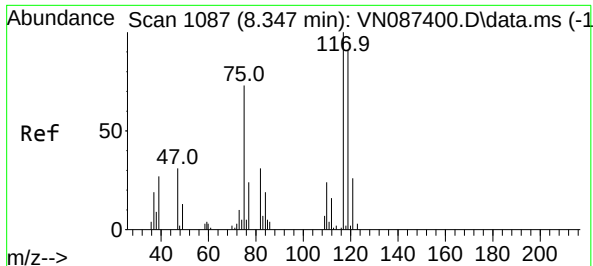
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#32
1,1,1-Trichloroethane
Concen: 19.562 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

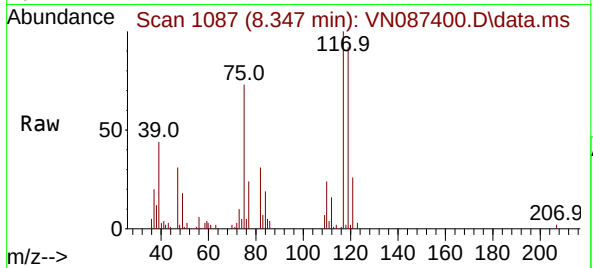
Tgt Ion: 97 Resp: 56056
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 45.1 36.1 54.1





#33
Carbon Tetrachloride
Concen: 19.291 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

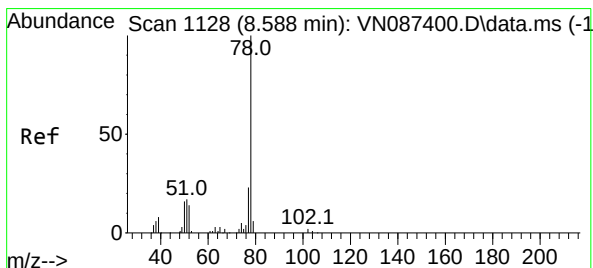
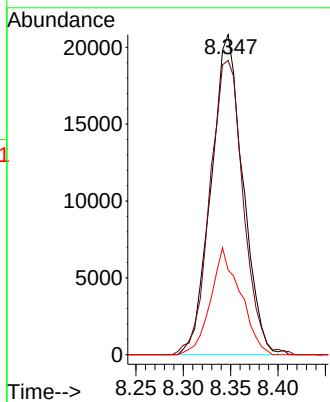
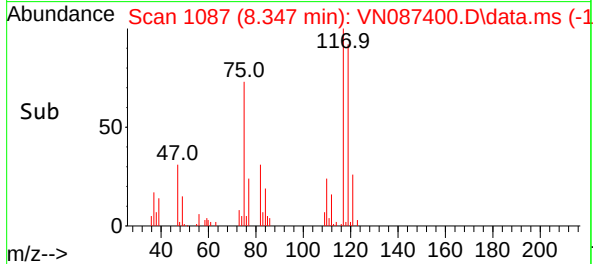
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 48540
Ion Ratio Lower Upper
117 100
119 90.9 72.7 109.1
121 26.4 21.1 31.7

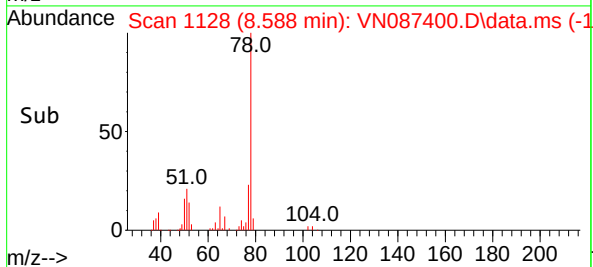
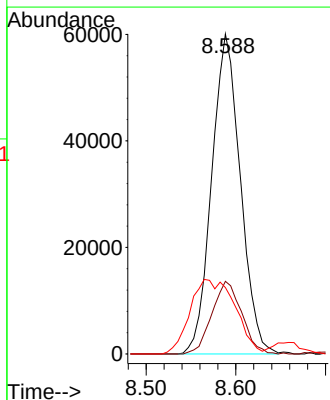
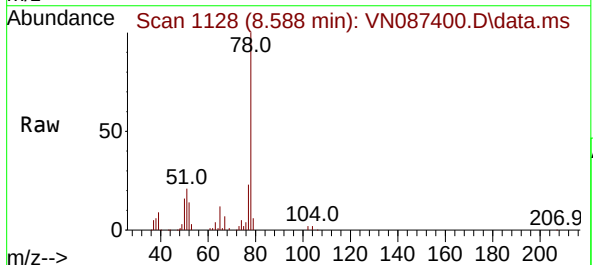
Manual Integrations
APPROVED

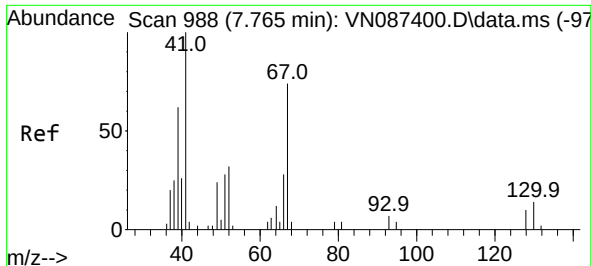
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#34
Benzene
Concen: 18.952 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion: 78 Resp: 133184
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.2
51 17.3 13.8 20.8





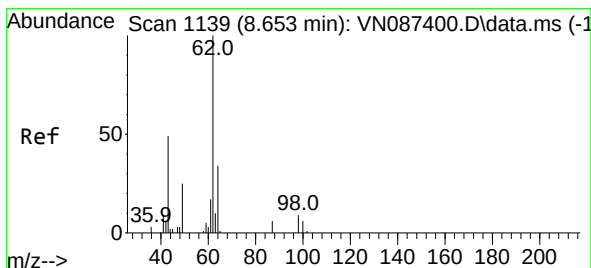
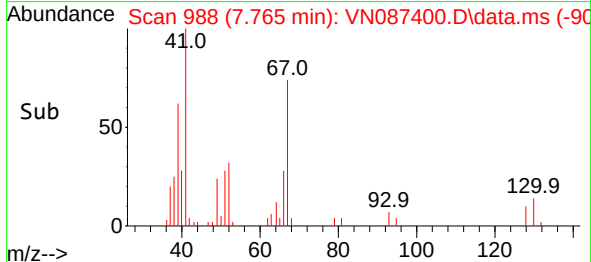
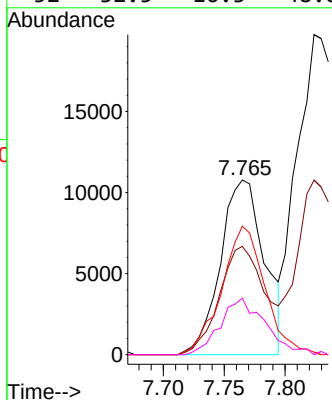
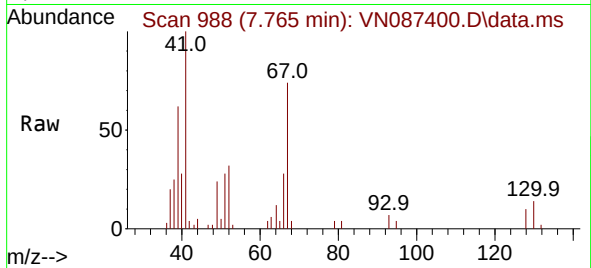
#35
Methacrylonitrile
Concen: 17.703 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 41 Resp: 27134
Ion Ratio Lower Upper
41 100
39 62.0 31.0 93.0
67 73.5 36.8 110.3
52 32.5 16.3 48.8

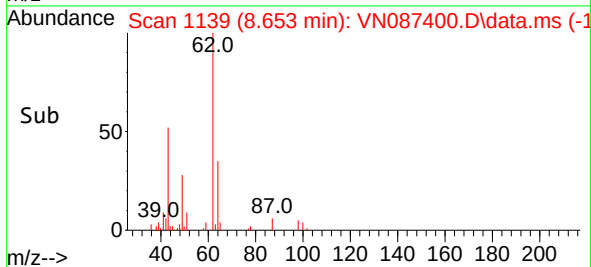
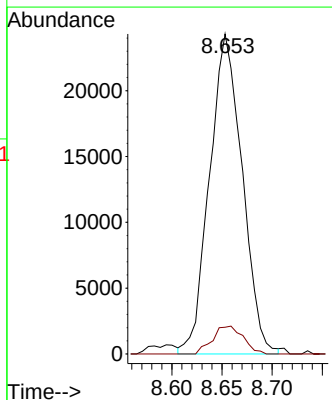
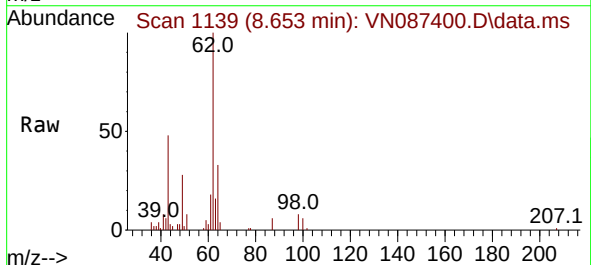
Manual Integrations
APPROVED

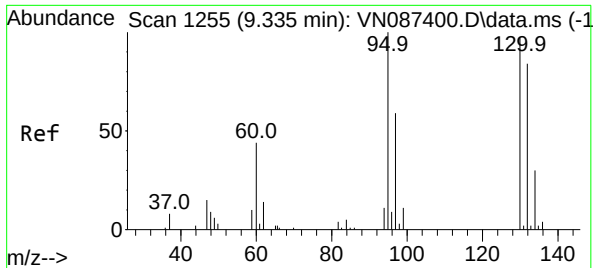
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#36
1,2-Dichloroethane
Concen: 19.602 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

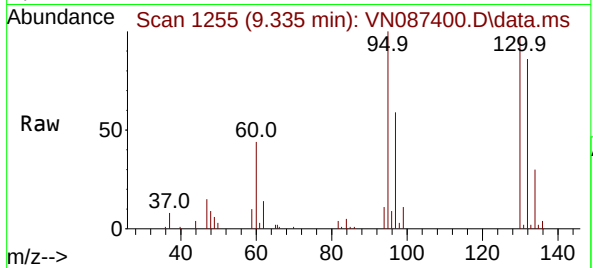
Tgt Ion: 62 Resp: 55064
Ion Ratio Lower Upper
62 100
98 8.2 6.6 9.8





#37
Trichloroethene
Concen: 18.714 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

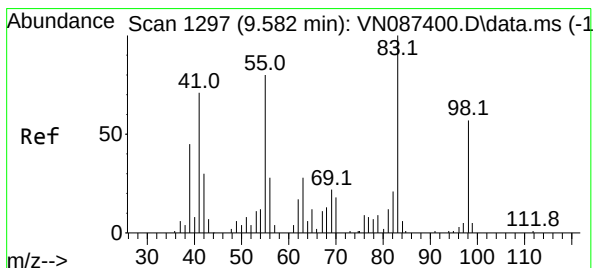
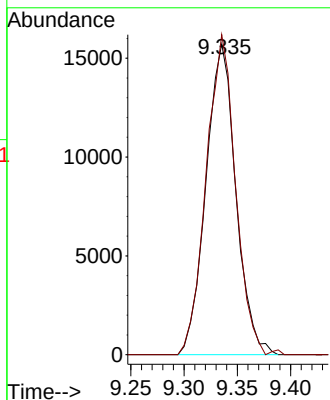
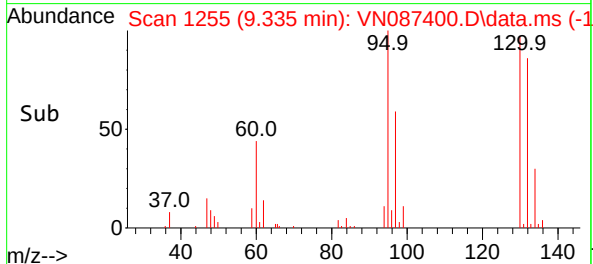
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:130 Resp: 30768
Ion Ratio Lower Upper
130 100
95 103.0 82.4 123.6

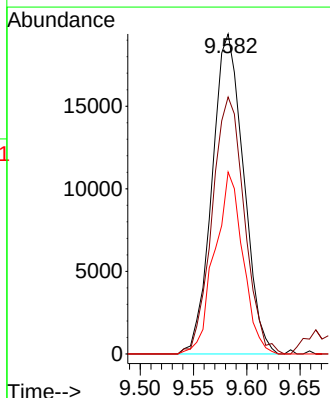
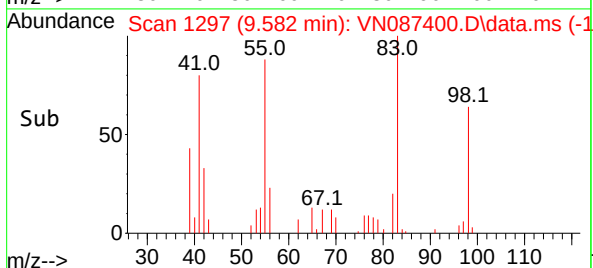
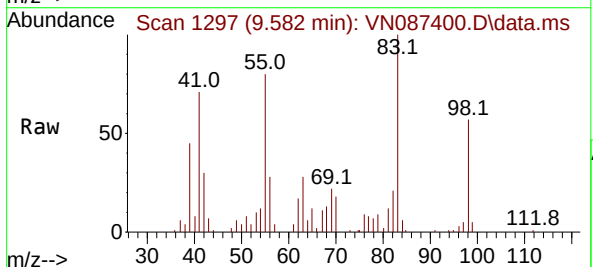
Manual Integrations
APPROVED

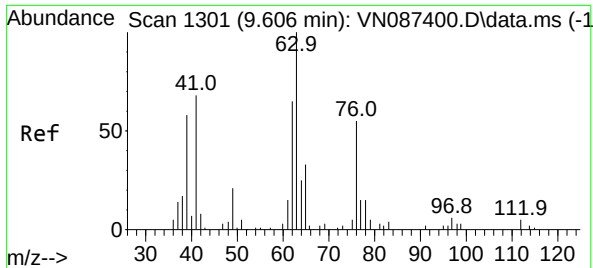
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#38
Methylcyclohexane
Concen: 17.489 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion: 83 Resp: 39897
Ion Ratio Lower Upper
83 100
55 81.9 40.9 122.8
98 51.1 25.6 76.6





#39

1,2-Dichloropropane

Concen: 19.172 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN087400.D

Acq: 23 Jul 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 3385

Ion Ratio Lower Upper

63 100

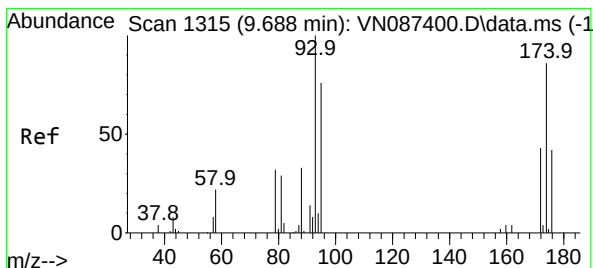
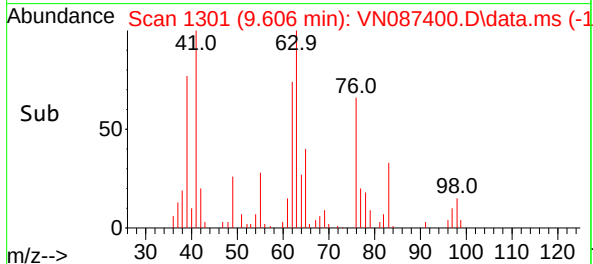
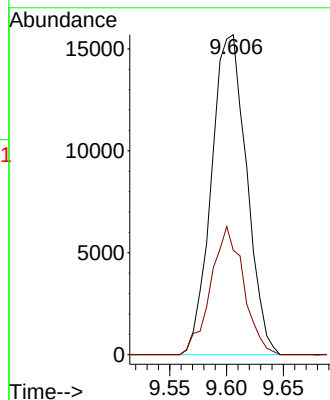
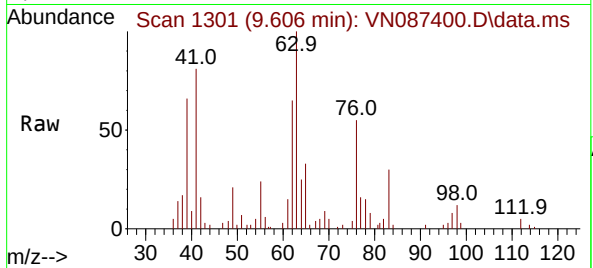
65 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#40

Dibromomethane

Concen: 19.767 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087400.D

Acq: 23 Jul 2025 10:29

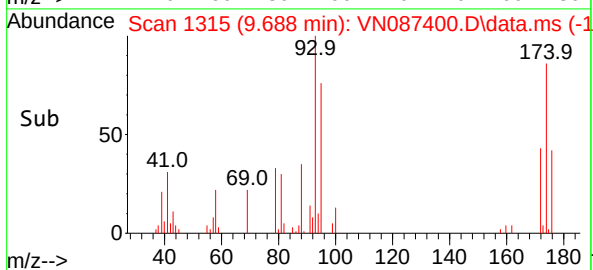
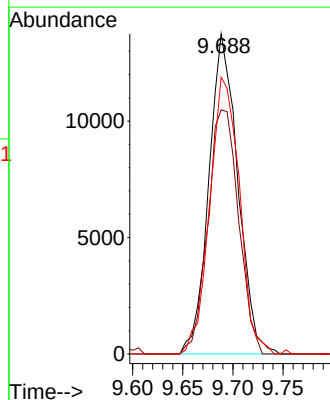
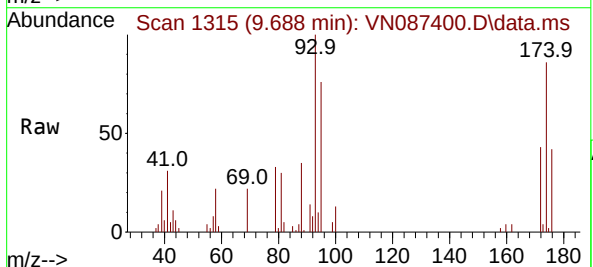
Tgt Ion: 93 Resp: 27550

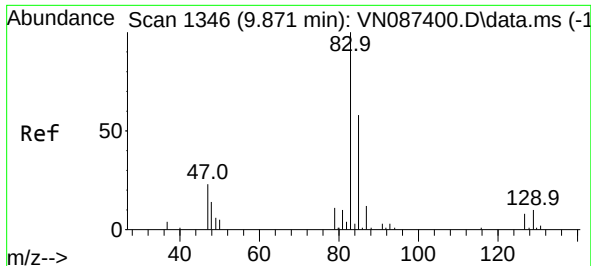
Ion Ratio Lower Upper

93 100

95 80.9 0.0 161.8

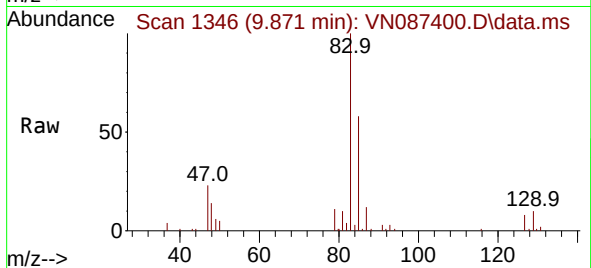
174 88.8 0.0 177.6





#41
Bromodichloromethane
Concen: 19.684 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

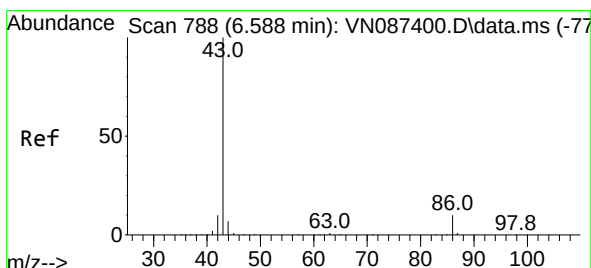
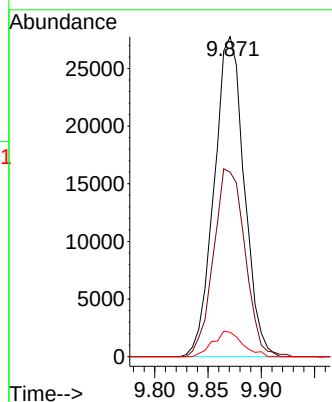
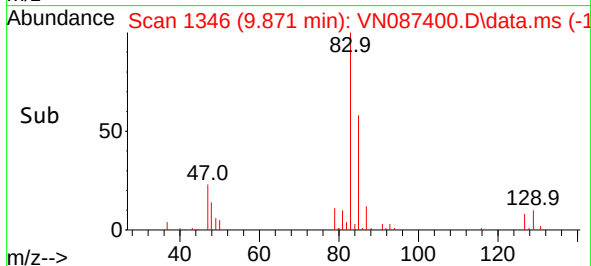
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 5432
Ion Ratio Lower Upper
83 100
85 57.7 46.2 69.2
127 7.6 6.1 9.1

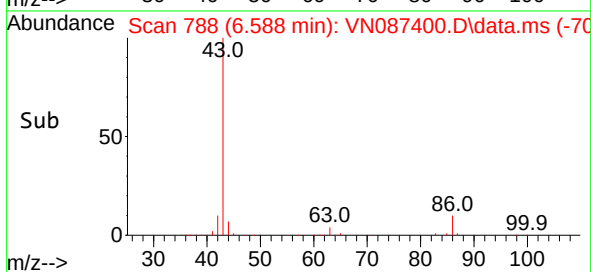
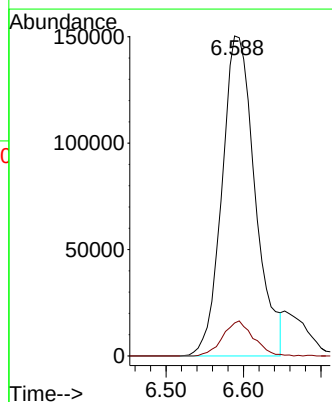
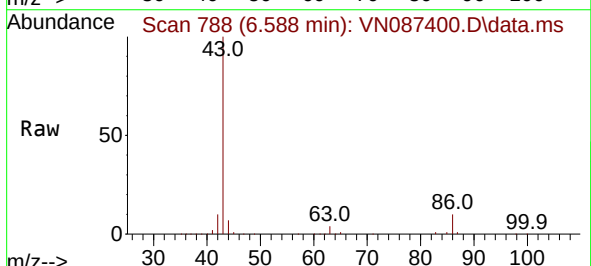
Manual Integrations
APPROVED

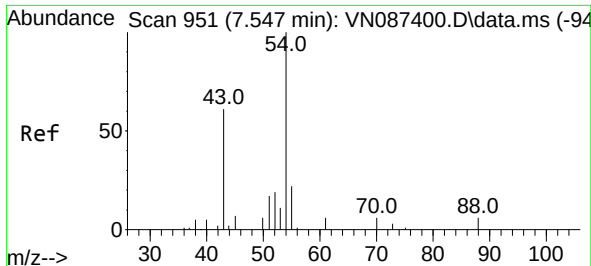
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#42
Vinyl Acetate
Concen: 87.987 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion: 43 Resp: 446972
Ion Ratio Lower Upper
43 100
86 10.1 8.1 12.1





#43

Ethyl Acetate

Concen: 18.630 ug/l

RT: 7.547 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN087400.D

Acq: 23 Jul 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 5774

Ion Ratio Lower Upper

43 100

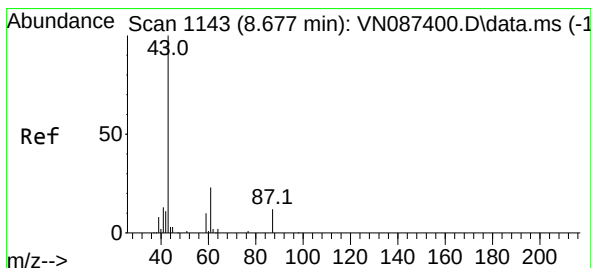
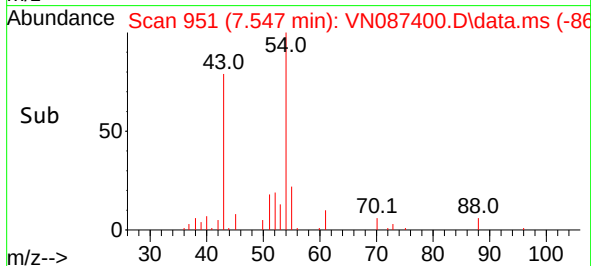
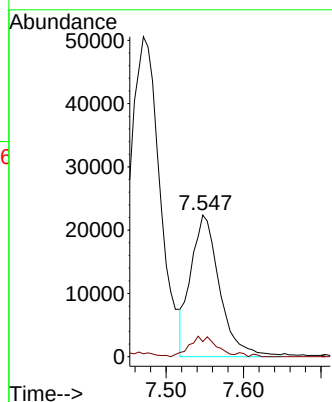
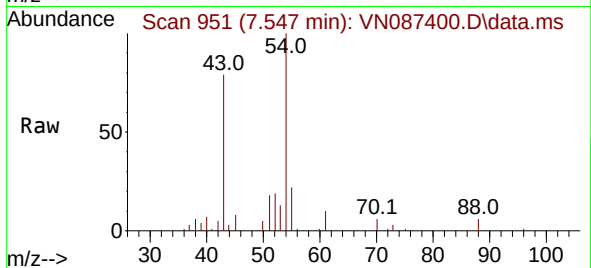
45 7.0 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#44

Isopropyl Acetate

Concen: 18.168 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VN087400.D

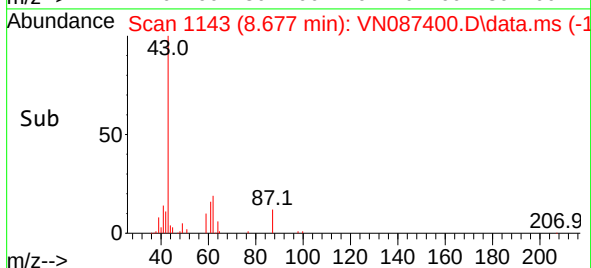
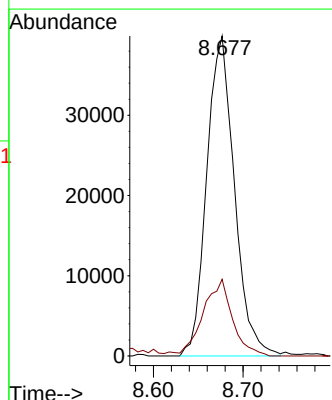
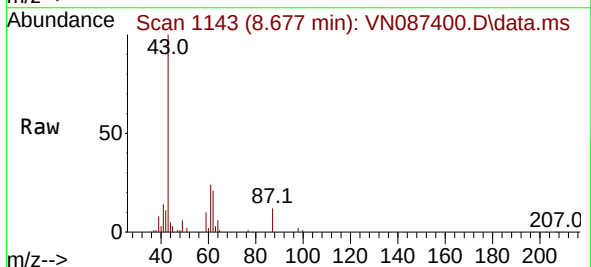
Acq: 23 Jul 2025 10:29

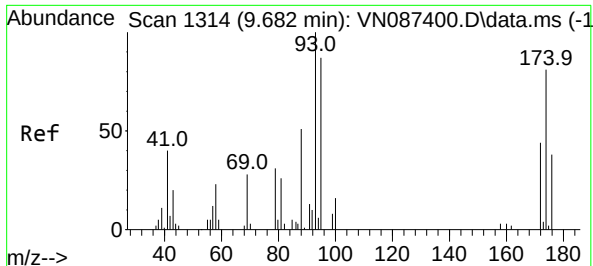
Tgt Ion: 43 Resp: 85629

Ion Ratio Lower Upper

43 100

61 25.1 20.1 30.1





#45

1,4-Dioxane

Concen: 408.264 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087400.D

Acq: 23 Jul 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 88 Resp: 11772

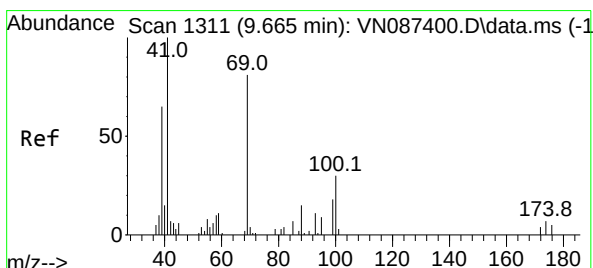
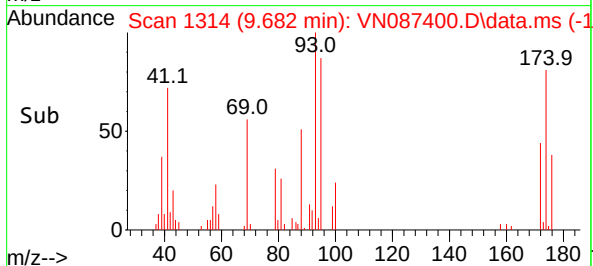
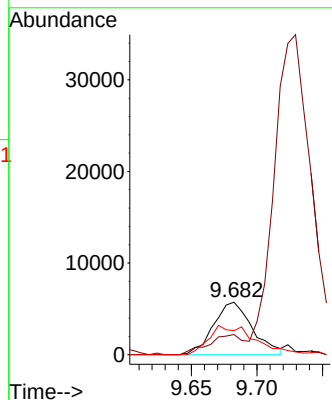
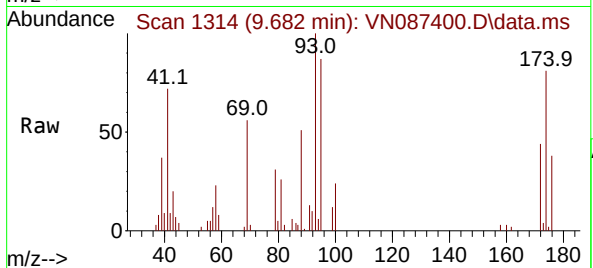
Ion	Ratio	Lower	Upper
88	100		
43	37.0	29.6	44.4
58	29.4	23.5	35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#46

Methyl methacrylate

Concen: 17.623 ug/l

RT: 9.665 min Scan# 1311

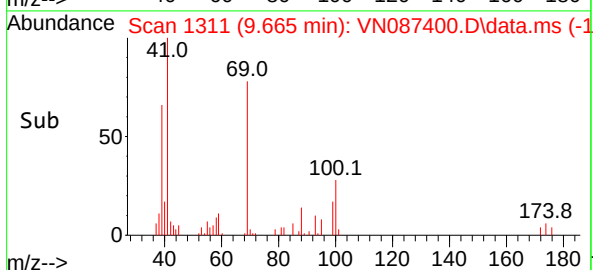
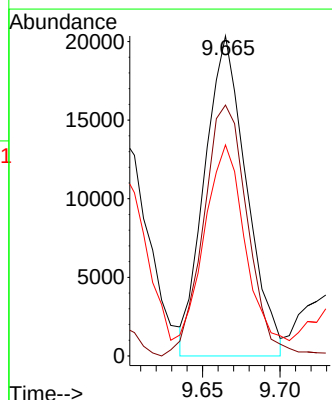
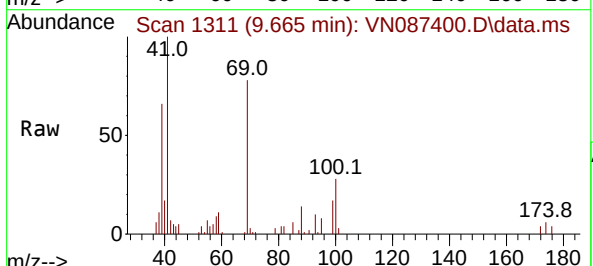
Delta R.T. 0.000 min

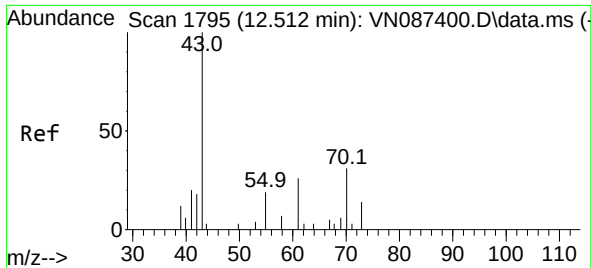
Lab File: VN087400.D

Acq: 23 Jul 2025 10:29

Tgt Ion: 41 Resp: 38142

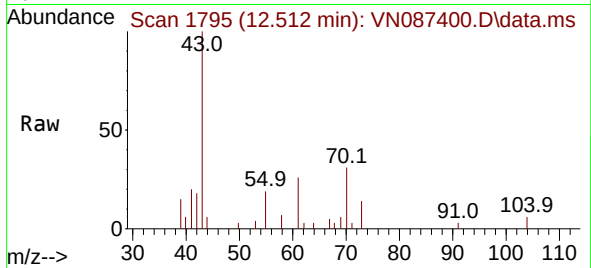
Ion	Ratio	Lower	Upper
41	100		
69	79.0	39.5	118.5
39	63.1	31.6	94.7





#47
n-amy1 Acetate
Concen: 18.652 ug/l m
RT: 12.512 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

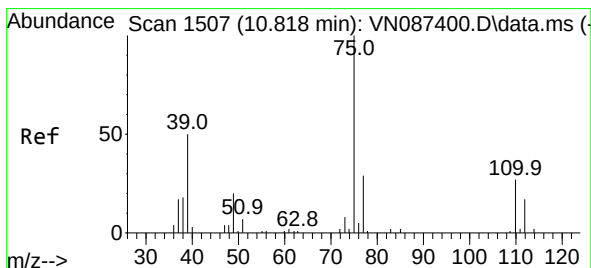
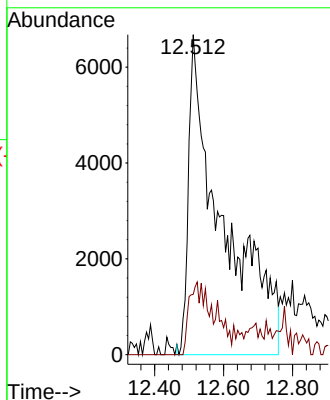
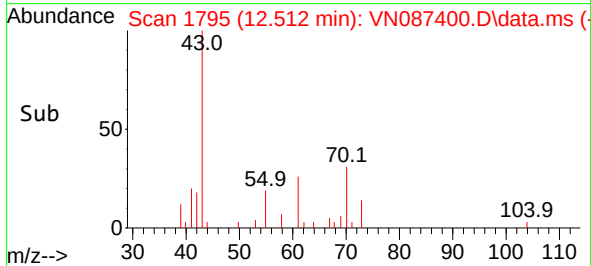
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



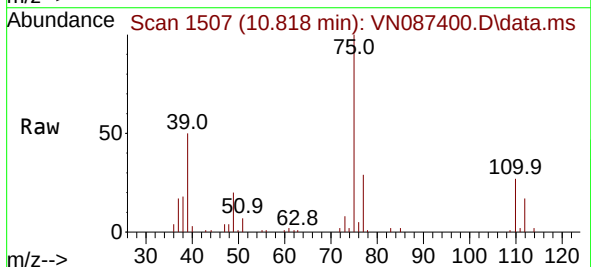
Tgt Ion: 43 Resp: 4538
Ion Ratio Lower Upper
43 100
55 0.6 0.6 0.8

Manual Integrations
APPROVED

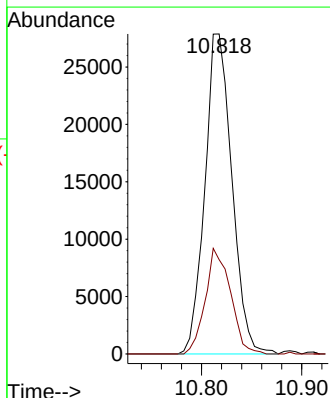
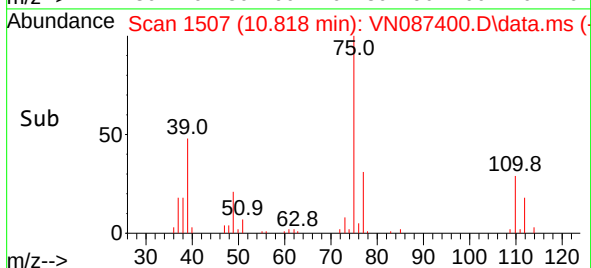
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

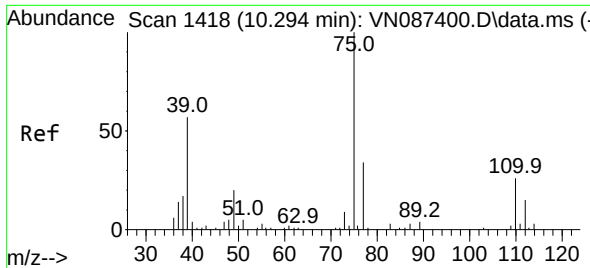


#48
t-1,3-Dichloropropene
Concen: 18.032 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29



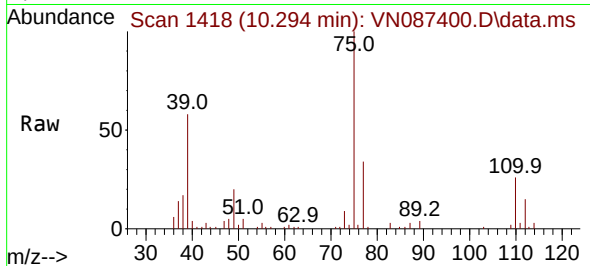
Tgt Ion: 75 Resp: 52391
Ion Ratio Lower Upper
75 100
77 29.5 23.6 35.4





#49
 cis-1,3-Dichloropropene
 Concen: 18.950 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087400.D
 Acq: 23 Jul 2025 10:29

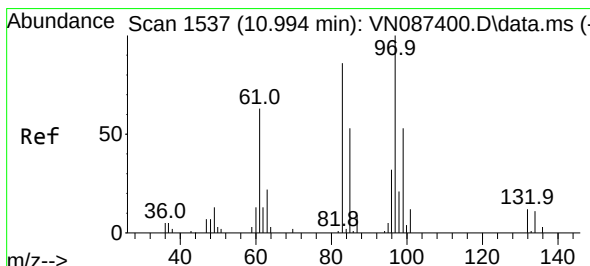
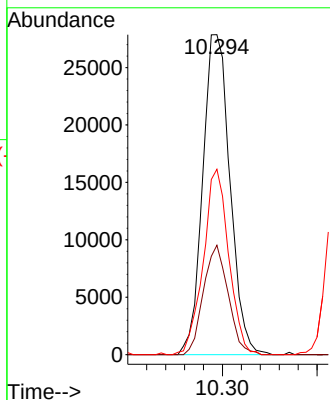
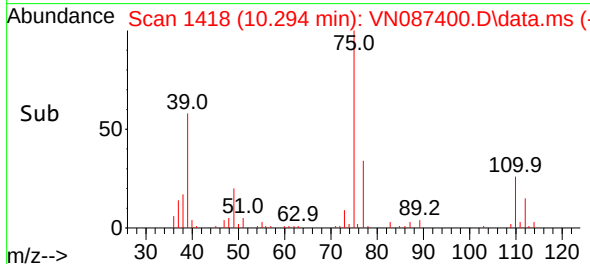
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75 Resp: 5566
 Ion Ratio Lower Upper
 75 100
 77 34.2 27.4 41.0
 39 57.9 46.3 69.5

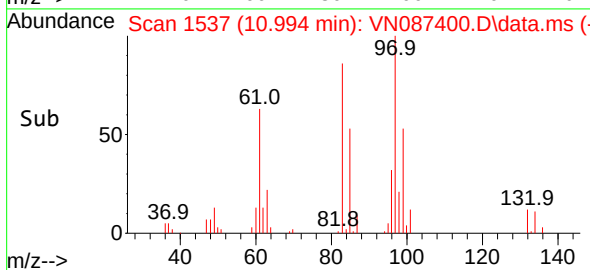
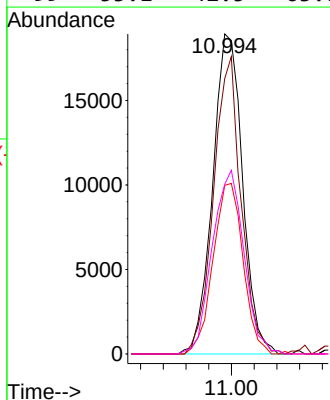
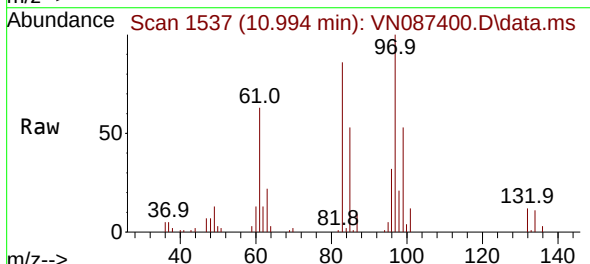
Manual Integrations
 APPROVED

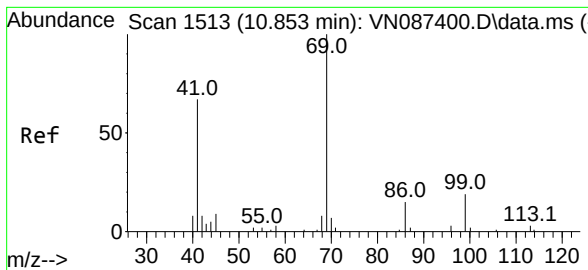
Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.337 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087400.D
 Acq: 23 Jul 2025 10:29

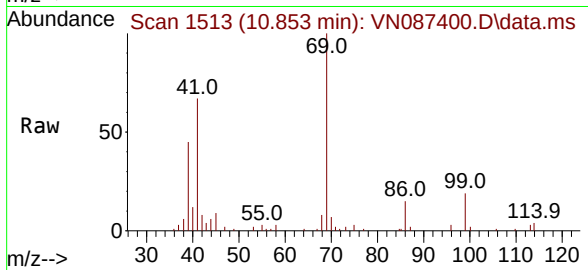
Tgt Ion: 97 Resp: 34548
 Ion Ratio Lower Upper
 97 100
 83 86.1 68.9 103.3
 85 52.7 42.2 63.2
 99 53.1 42.5 63.7





#51
Ethyl methacrylate
Concen: 17.749 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

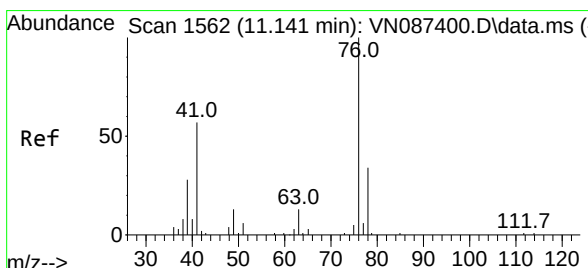
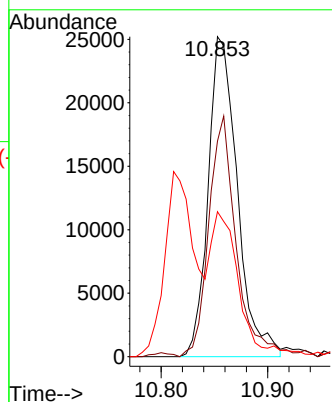
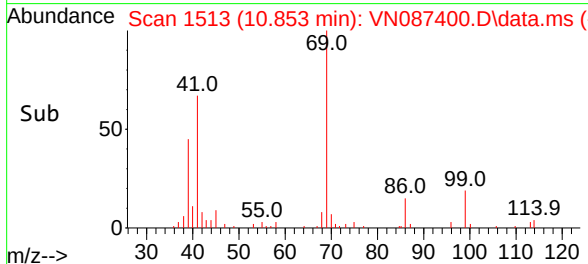
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 47990
Ion Ratio Lower Upper
69 100
41 67.4 33.7 101.1
39 43.3 21.6 65.0

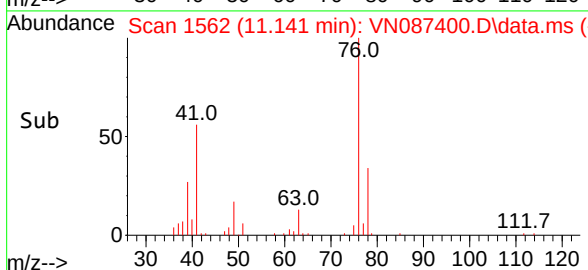
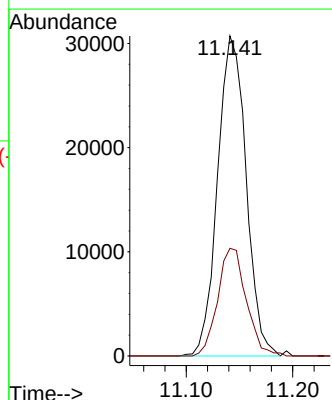
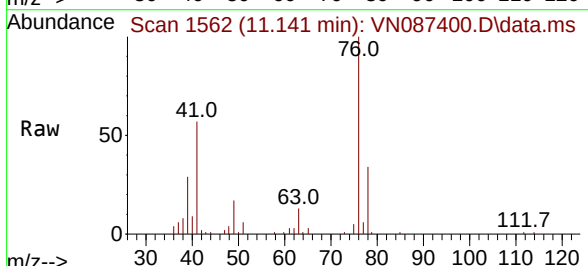
Manual Integrations
APPROVED

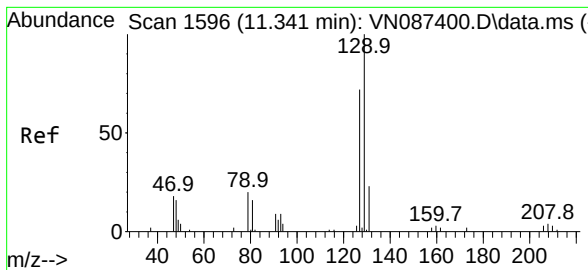
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#52
1,3-Dichloropropane
Concen: 18.867 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

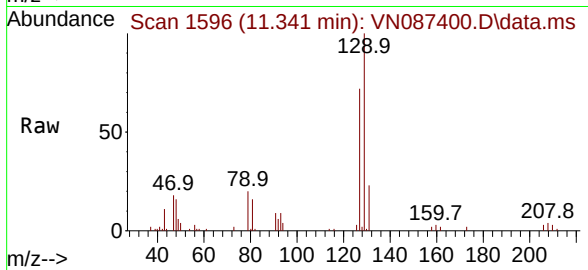
Tgt Ion: 76 Resp: 57161
Ion Ratio Lower Upper
76 100
78 33.7 0.0 67.4





#53
Dibromochloromethane
Concen: 19.214 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

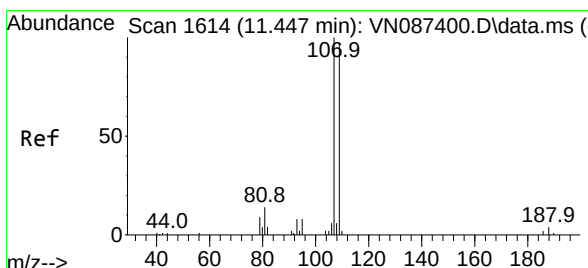
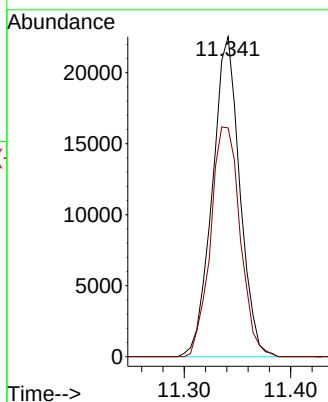
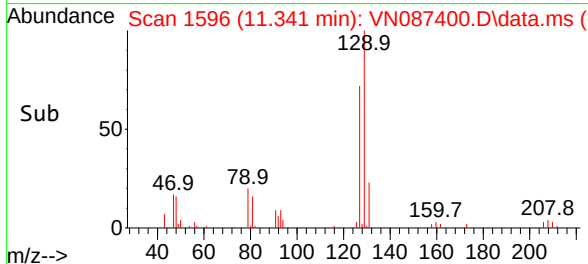
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



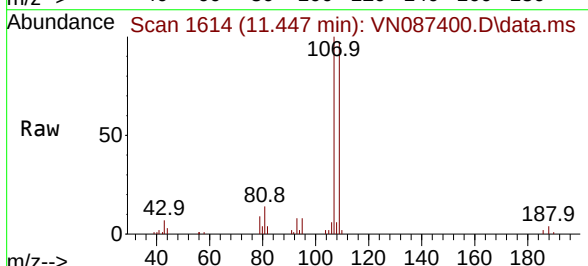
Tgt Ion:129 Resp: 40328
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

Manual Integrations
APPROVED

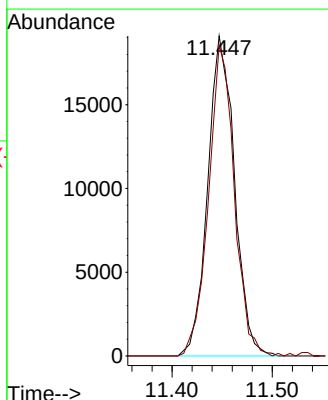
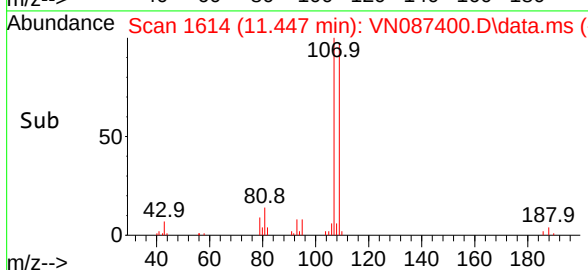
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

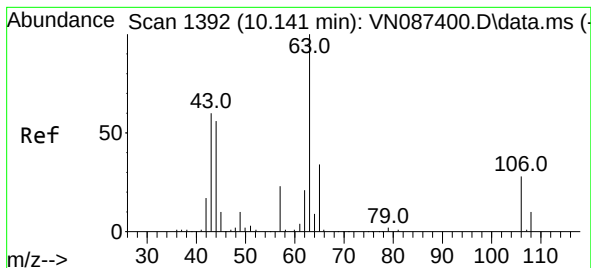


#54
1,2-Dibromoethane
Concen: 18.935 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29



Tgt Ion:107 Resp: 35413
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0





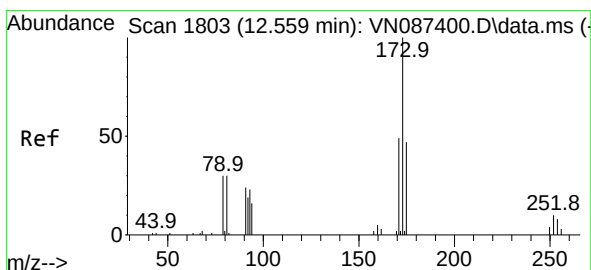
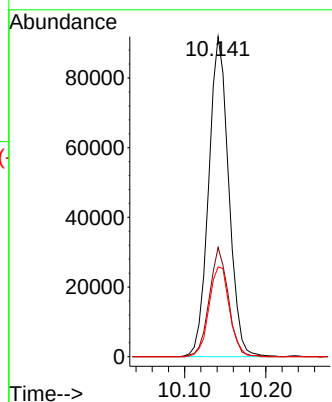
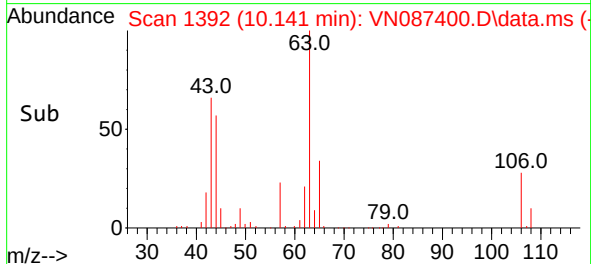
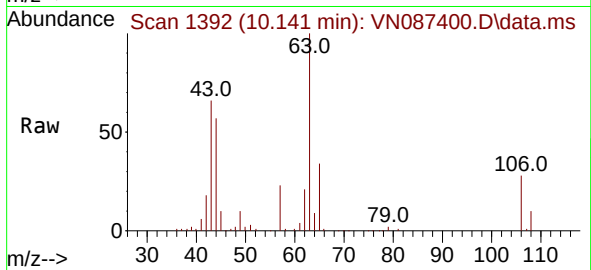
#55
2-Chloroethyl vinyl ether
Concen: 108.687 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 157485
Ion Ratio Lower Upper
63 100
65 32.3 25.8 38.8
106 28.7 23.0 34.4

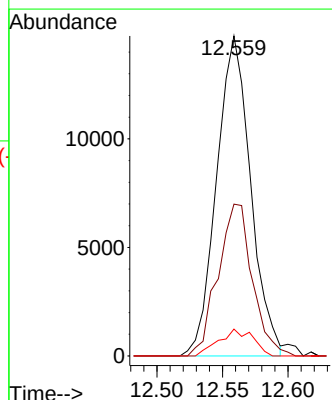
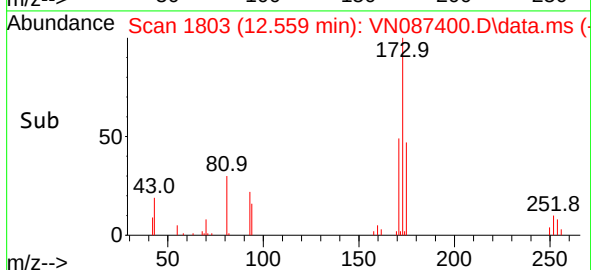
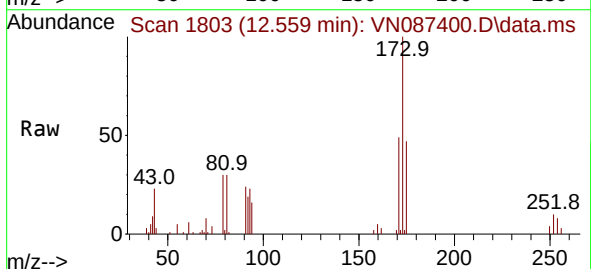
Manual Integrations
APPROVED

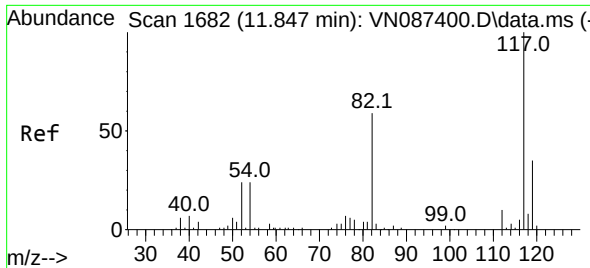
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#56
Bromoform
Concen: 17.949 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion:173 Resp: 26600
Ion Ratio Lower Upper
173 100
175 48.0 38.4 57.6
254 8.4 6.7 10.1





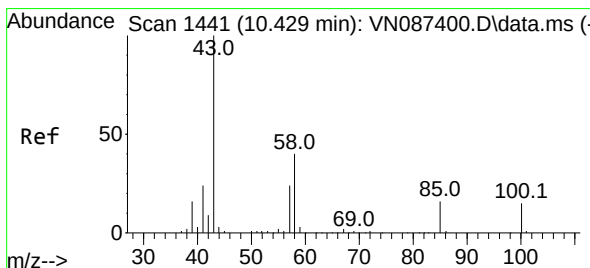
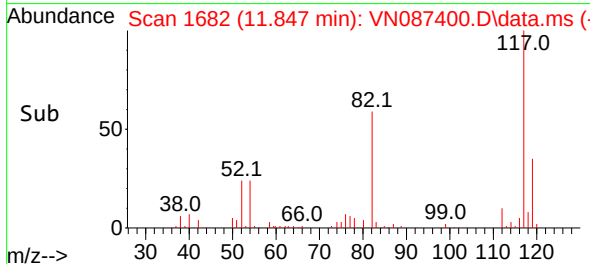
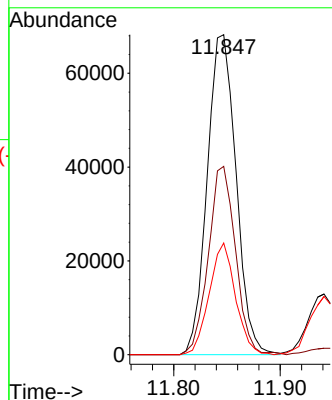
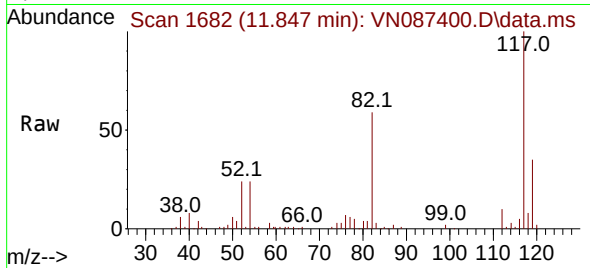
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:117 Resp: 12842
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 31.8 25.4 38.2

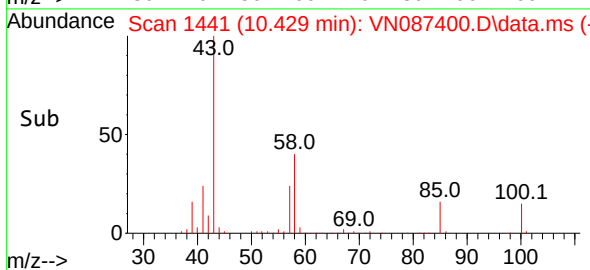
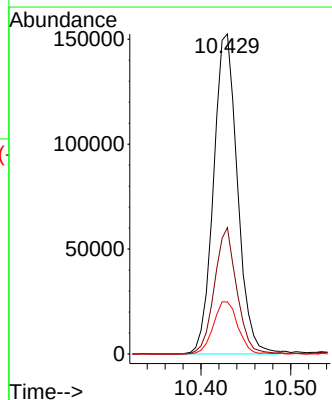
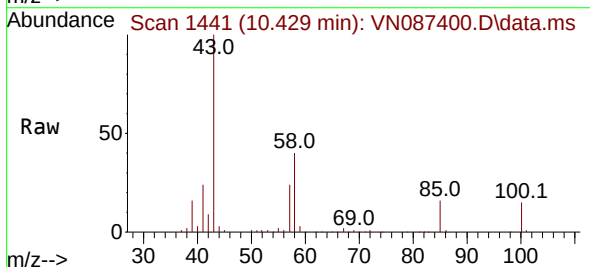
Manual Integrations
APPROVED

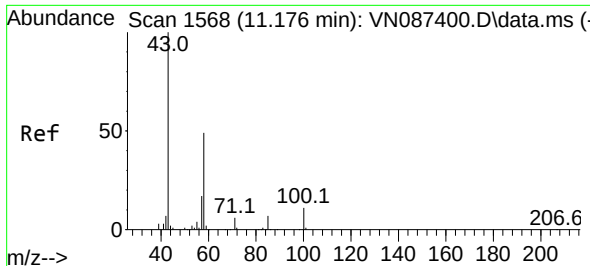
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#58
4-Methyl-2-Pentanone
Concen: 91.785 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

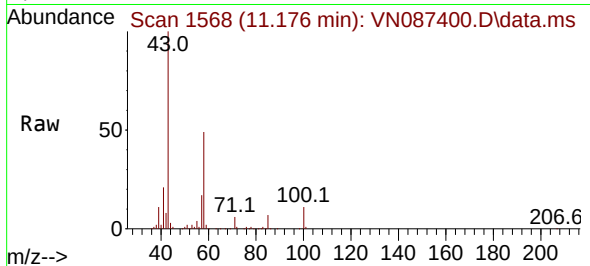
Tgt Ion: 43 Resp: 282441
Ion Ratio Lower Upper
43 100
58 36.9 29.5 44.3
85 16.6 13.3 19.9





#59
2-Hexanone
Concen: 89.134 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

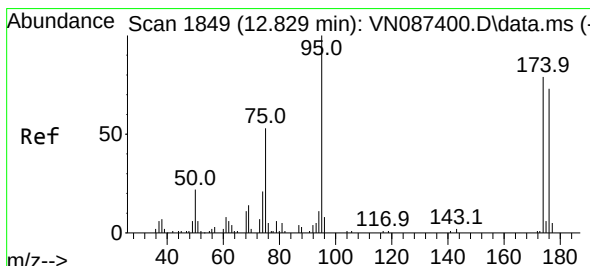
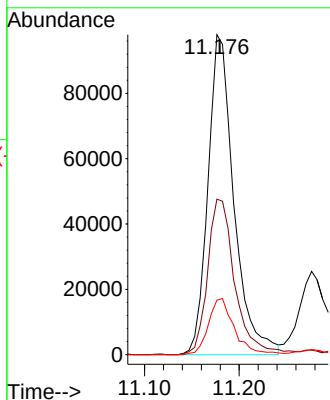
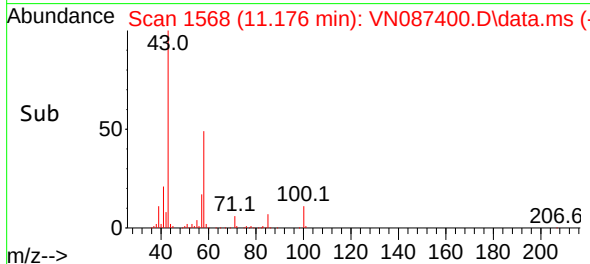
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 18656
Ion Ratio Lower Upper
43 100
58 50.6 40.5 60.7
57 17.5 14.0 21.0

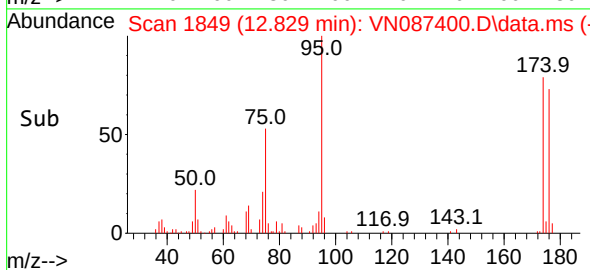
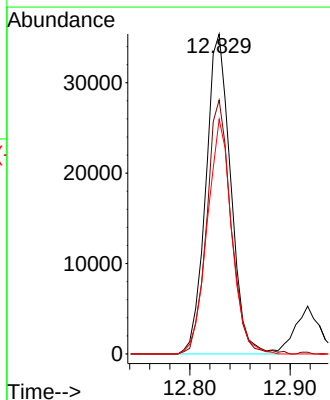
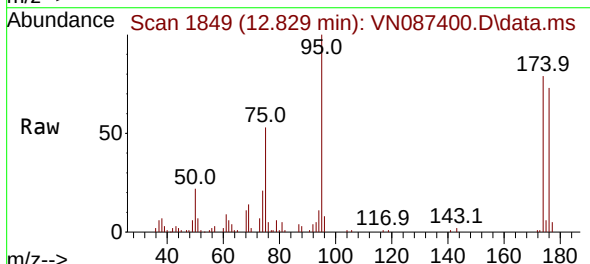
Manual Integrations
APPROVED

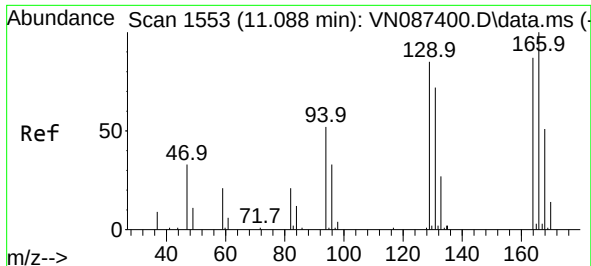
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#60
4-Bromofluorobenzene
Concen: 28.477 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

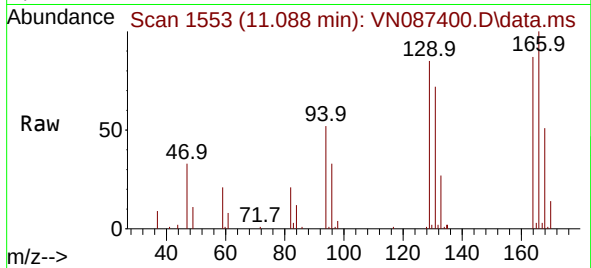
Tgt Ion: 95 Resp: 60978
Ion Ratio Lower Upper
95 100
174 77.6 62.1 93.1
176 72.4 57.9 86.9





#61
Tetrachloroethene
Concen: 19.234 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

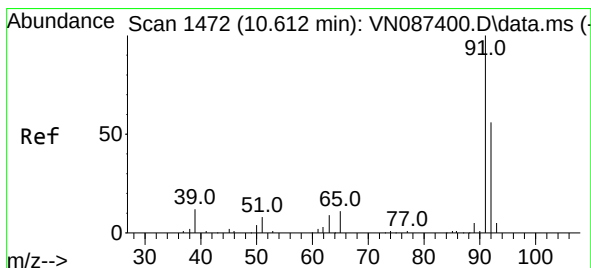
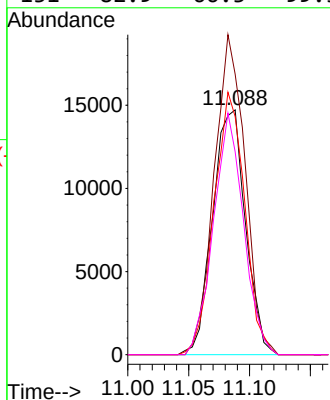
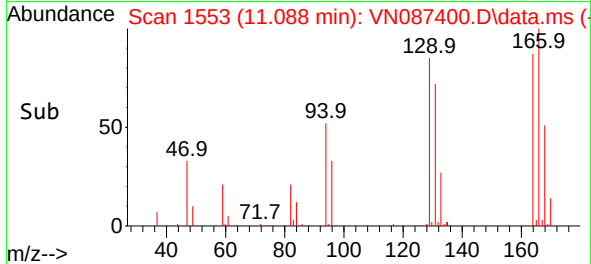
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



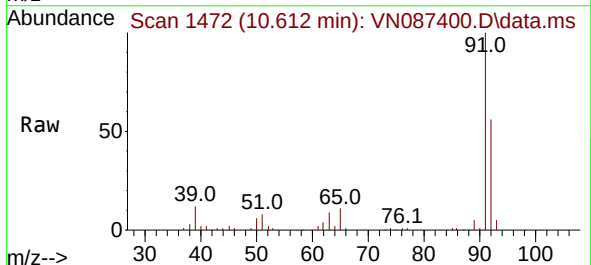
Tgt Ion:164 Resp: 27708
Ion Ratio Lower Upper
164 100
166 114.6 91.7 137.5
129 97.2 77.8 116.6
131 82.9 66.3 99.5

Manual Integrations
APPROVED

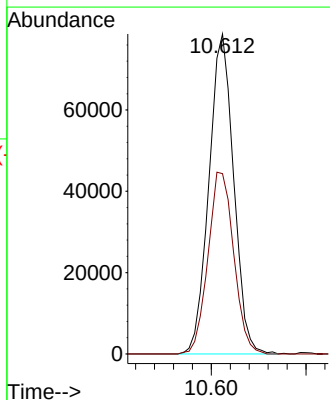
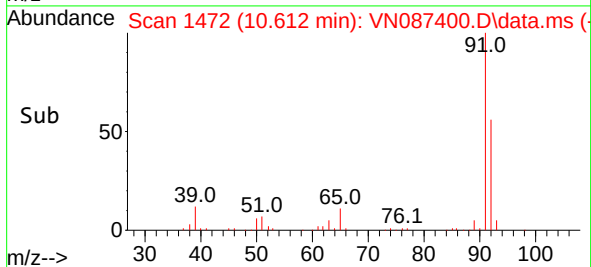
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

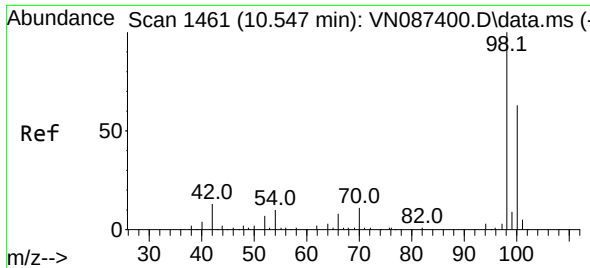


#62
Toluene
Concen: 18.421 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29



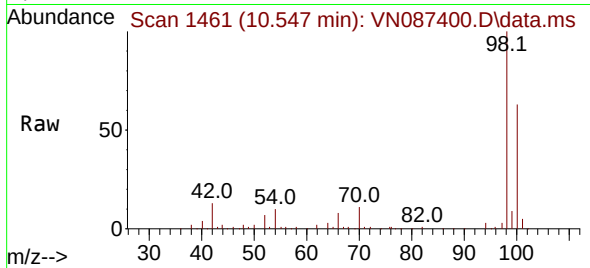
Tgt Ion: 91 Resp: 142637
Ion Ratio Lower Upper
91 100
92 59.2 47.4 71.0





#63
Toluene-d8
Concen: 29.793 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

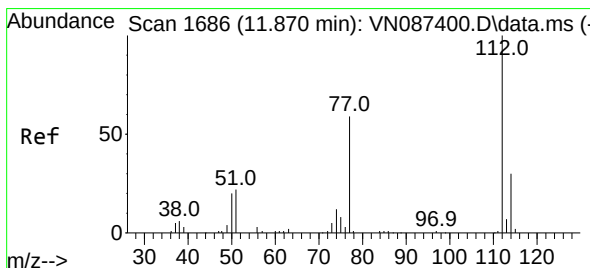
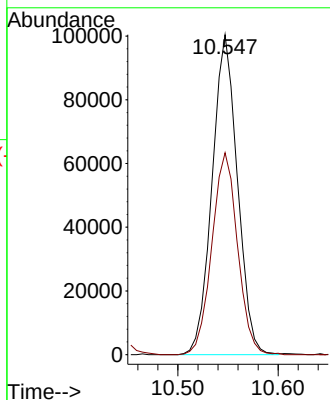
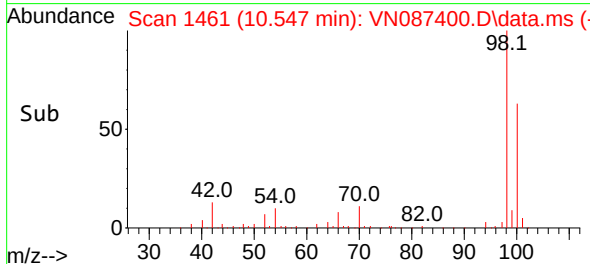
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



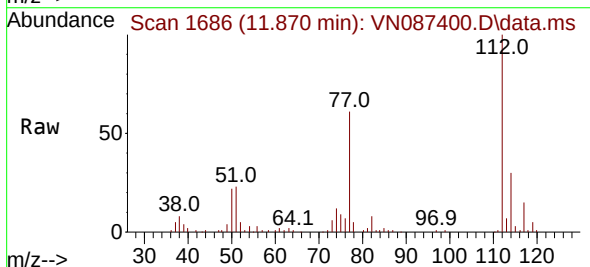
Tgt Ion: 98 Resp: 17615
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

Manual Integrations
APPROVED

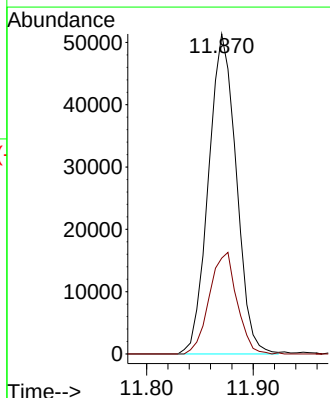
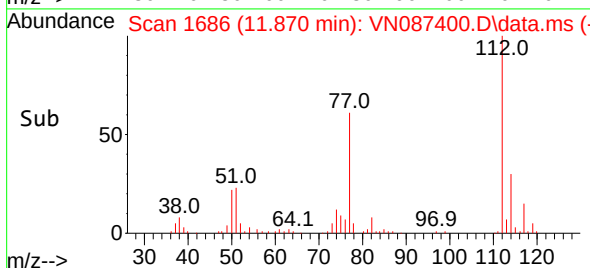
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

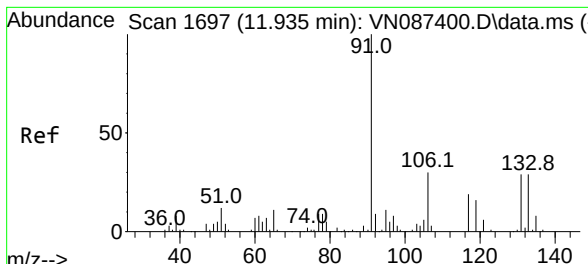


#64
Chlorobenzene
Concen: 19.004 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29



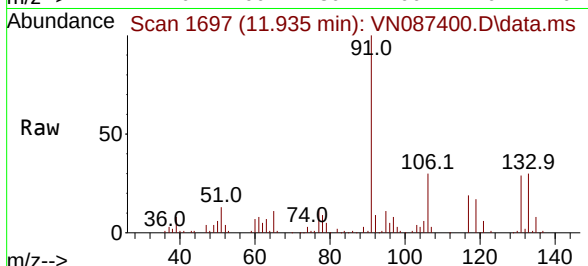
Tgt Ion:112 Resp: 93071
Ion Ratio Lower Upper
112 100
114 30.0 24.0 36.0





#65
1,1,1,2-Tetrachloroethane
Concen: 19.167 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

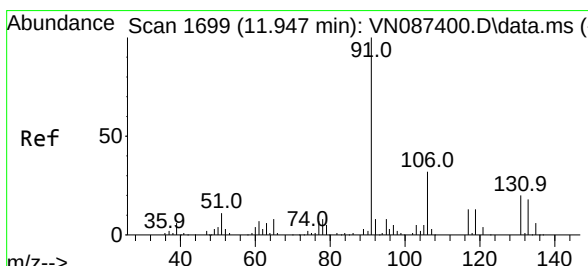
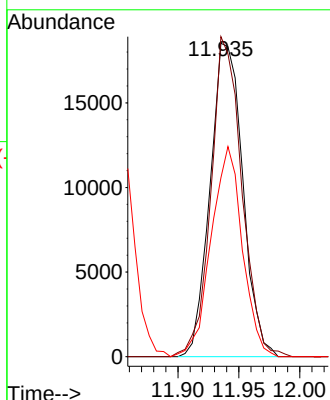
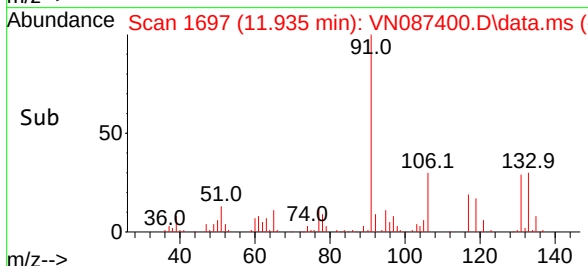
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 34520
Ion Ratio Lower Upper
131 100
133 96.5 0.0 193.0
119 64.1 0.0 128.2

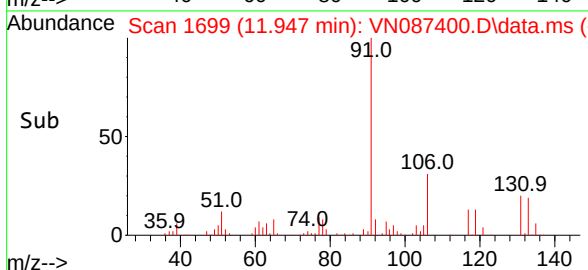
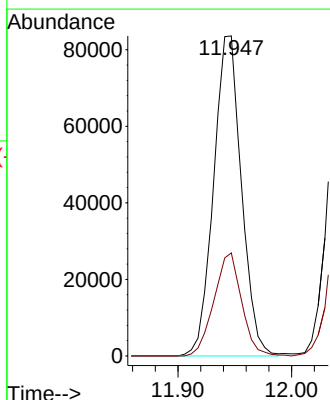
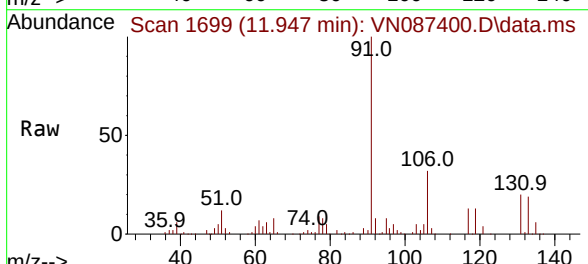
Manual Integrations
APPROVED

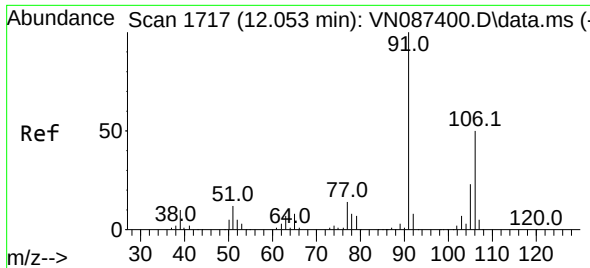
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#66
Ethyl Benzene
Concen: 17.246 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion: 91 Resp: 142515
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.6





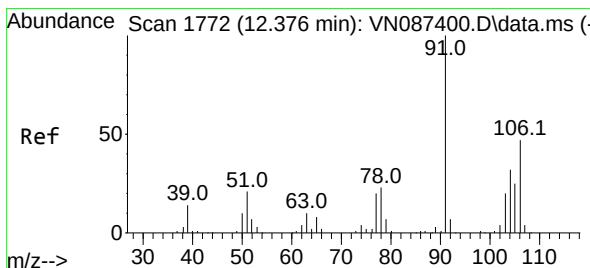
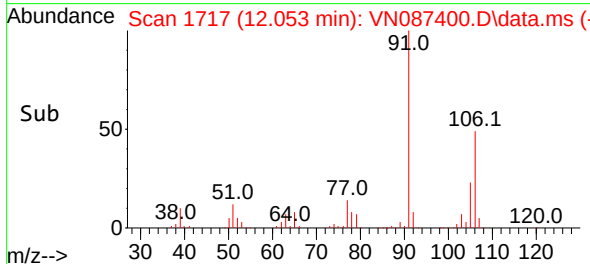
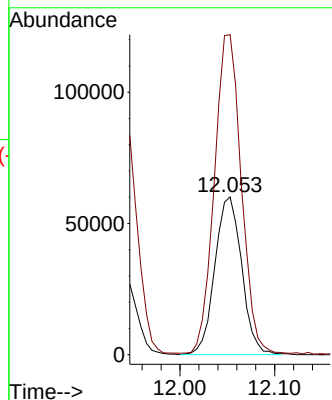
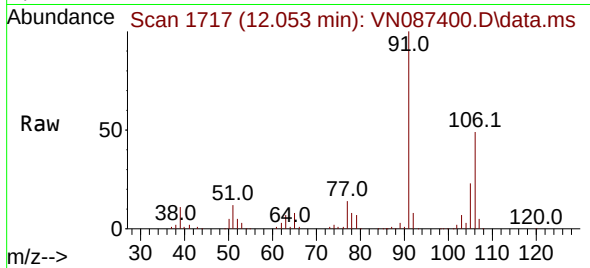
#67
m/p-Xylenes
Concen: 35.912 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 11859
Ion Ratio Lower Upper
106 100
91 204.3 163.4 245.2

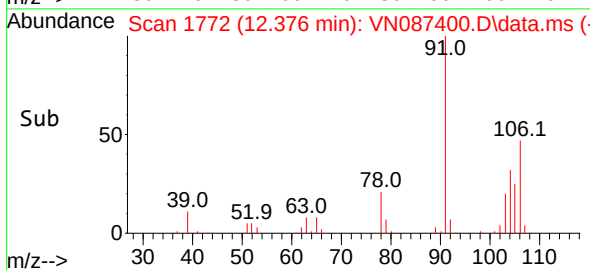
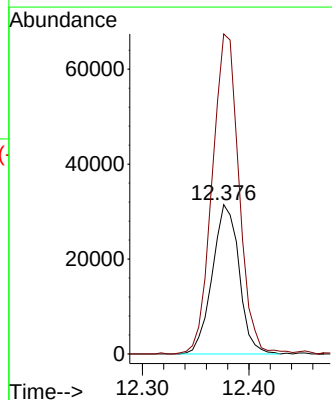
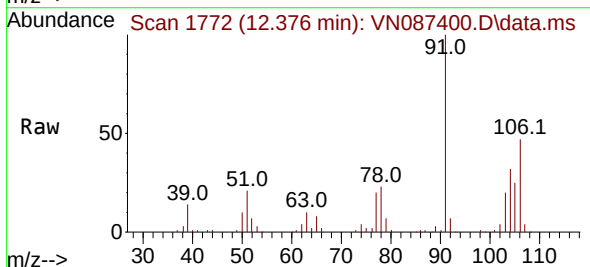
Manual Integrations
APPROVED

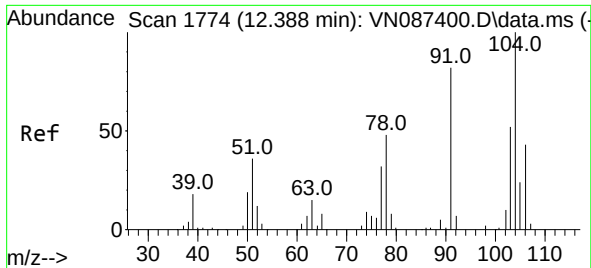
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#68
o-Xylene
Concen: 17.727 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion:106 Resp: 54870
Ion Ratio Lower Upper
106 100
91 213.2 106.6 319.8





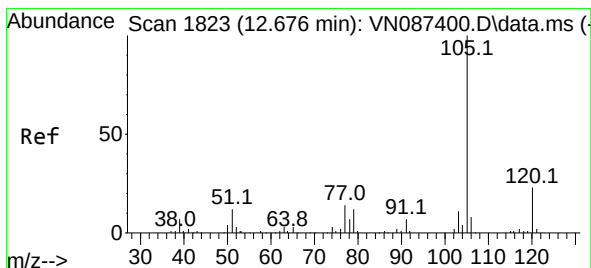
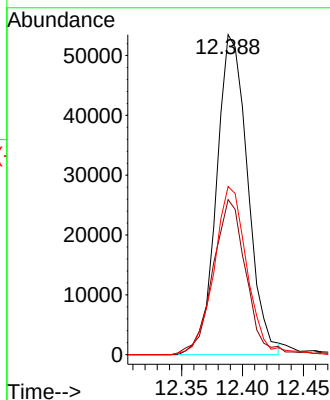
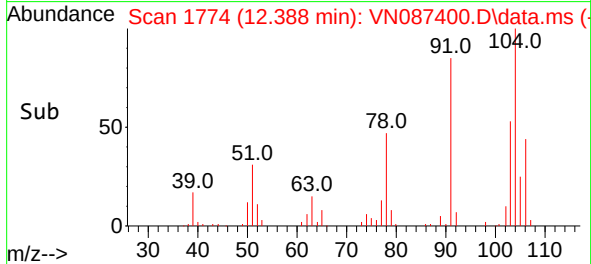
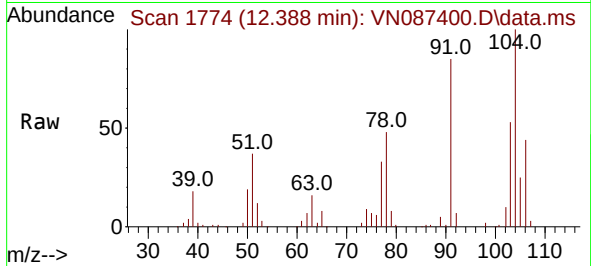
#69
Styrene
Concen: 17.494 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 9524
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 54.3 43.4 65.2

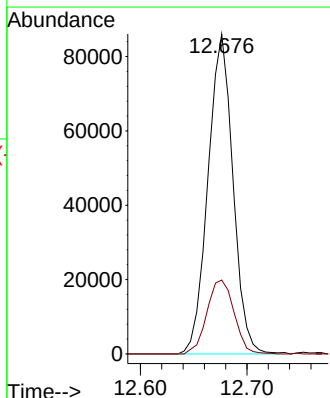
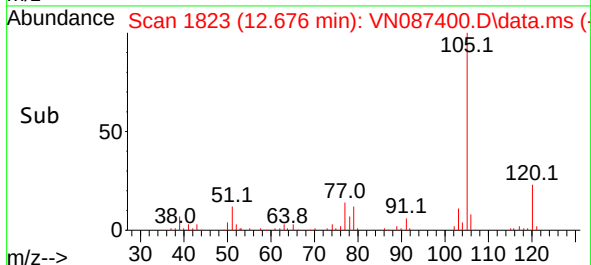
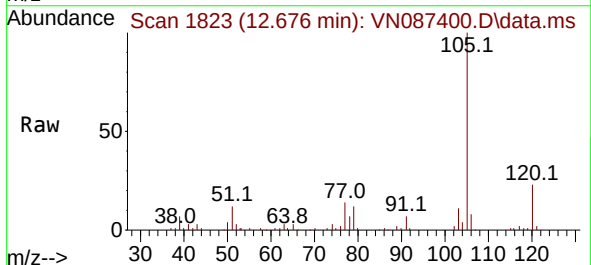
Manual Integrations
APPROVED

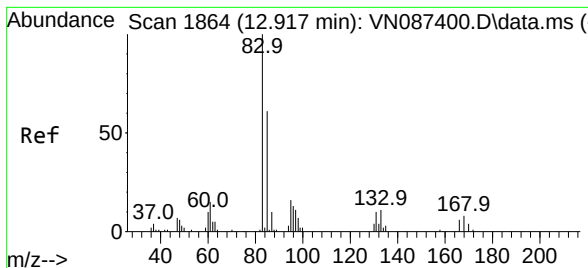
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#70
Isopropylbenzene
Concen: 17.654 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion:105 Resp: 140081
Ion Ratio Lower Upper
105 100
120 25.1 17.6 32.6





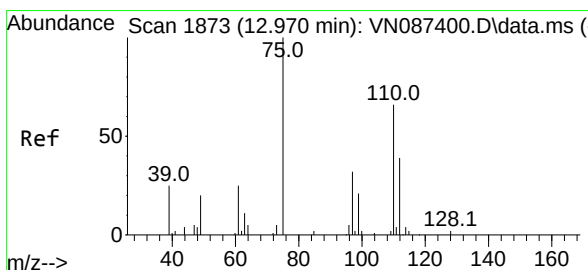
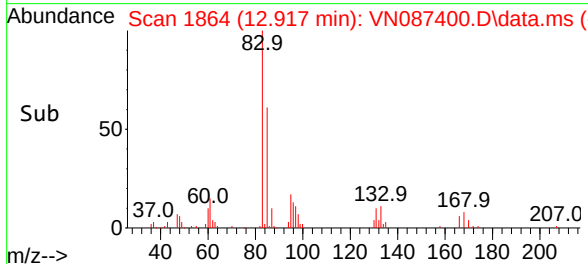
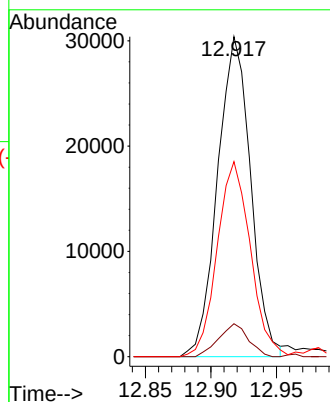
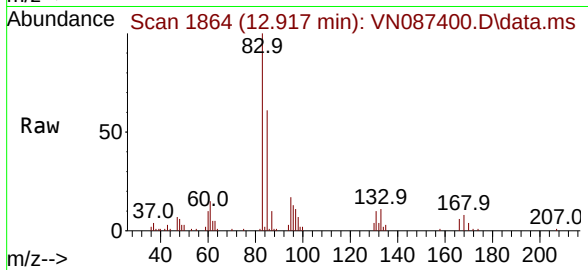
#71
1,1,2,2-Tetrachloroethane
Concen: 18.794 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 53302
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 61.1 30.6 91.6

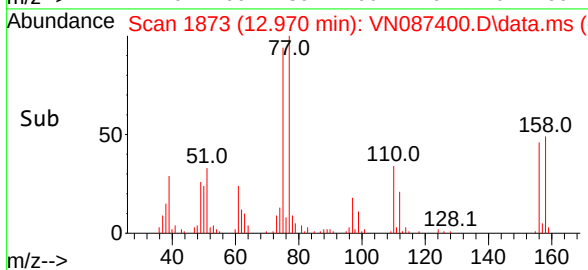
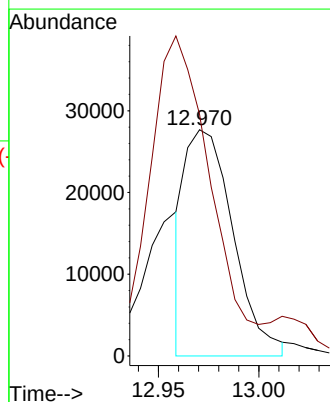
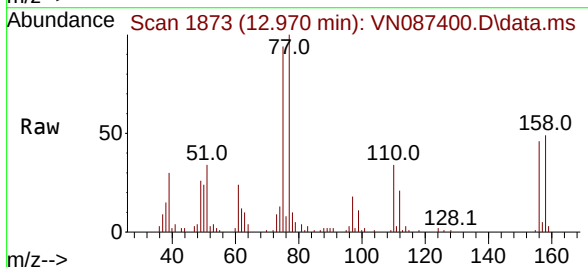
Manual Integrations
APPROVED

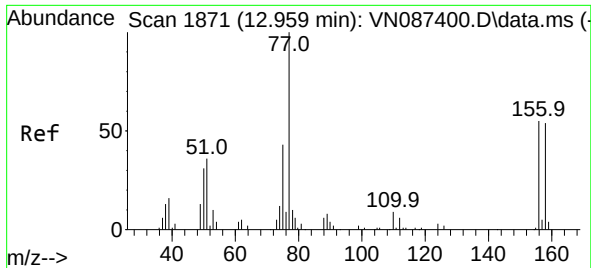
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#72
1,2,3-Trichloropropane
Concen: 12.817 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion: 75 Resp: 46051
Ion Ratio Lower Upper
75 100
77 180.6 0.0 361.2





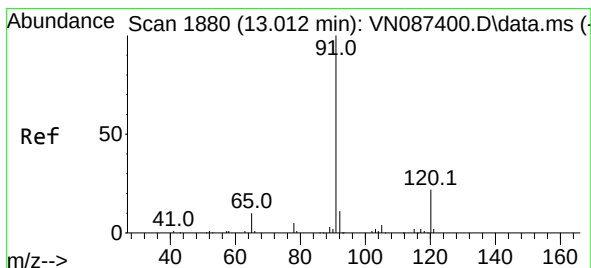
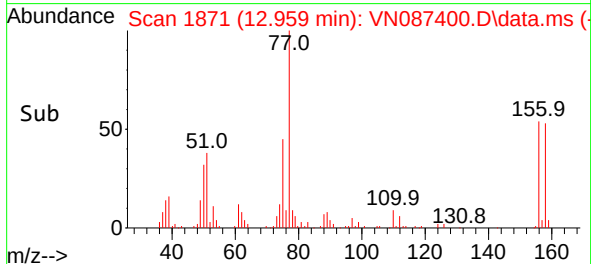
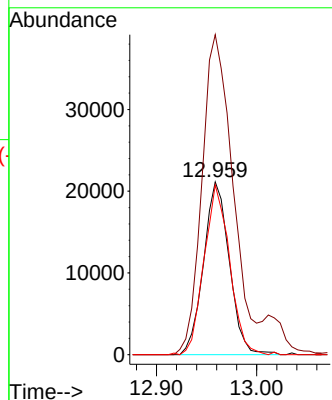
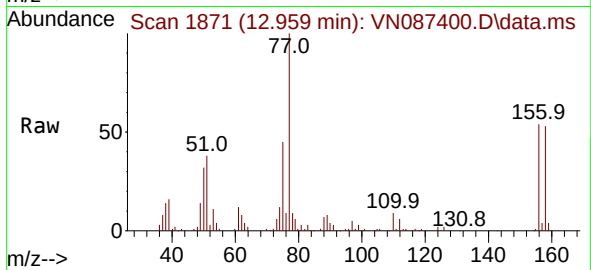
#73
Bromobenzene
Concen: 18.233 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:156 Resp: 37745
Ion Ratio Lower Upper
156 100
77 220.3 0.0 440.6
158 97.5 0.0 195.0

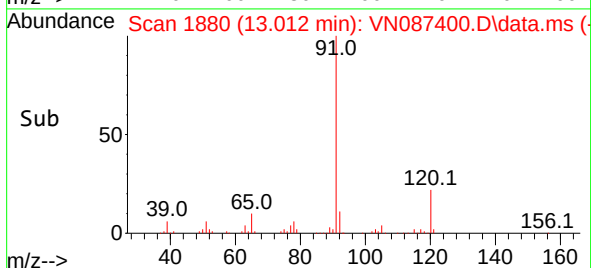
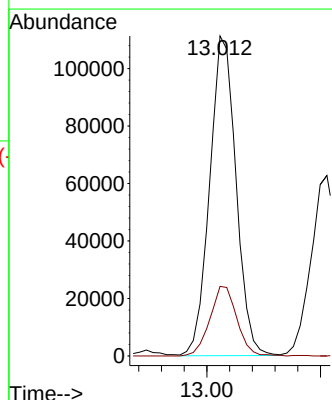
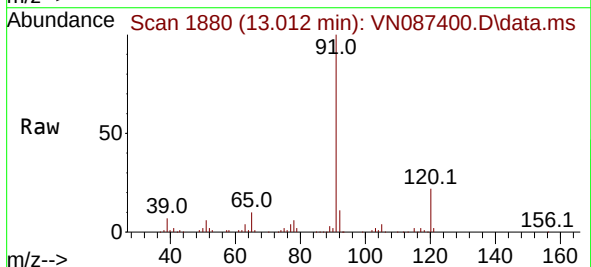
Manual Integrations
APPROVED

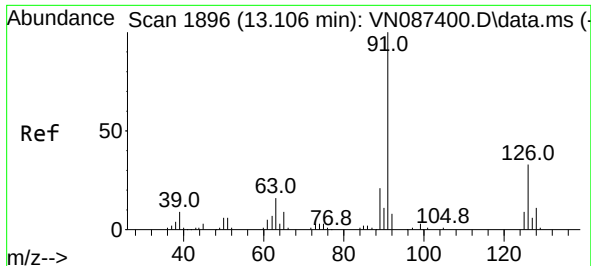
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#74
n-propylbenzene
Concen: 17.779 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion: 91 Resp: 179285
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.6





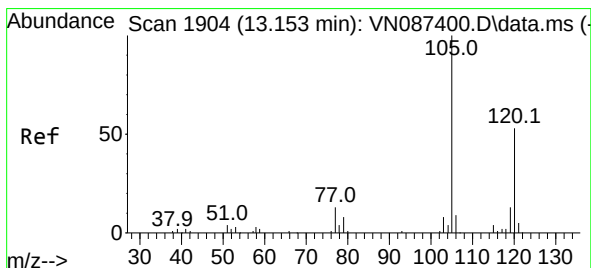
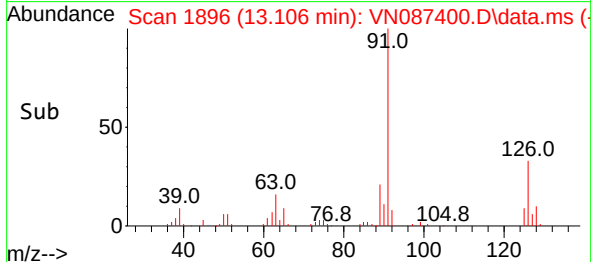
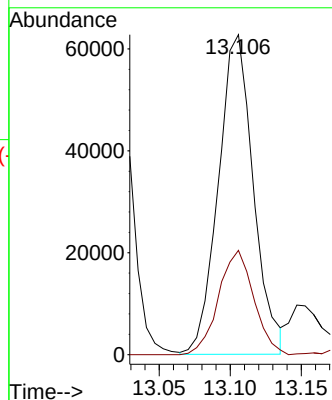
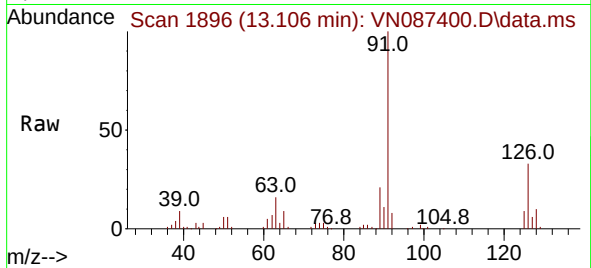
#75
2-Chlorotoluene
Concen: 18.087 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 10769
Ion Ratio Lower Upper
91 100
126 32.7 0.0 65.4

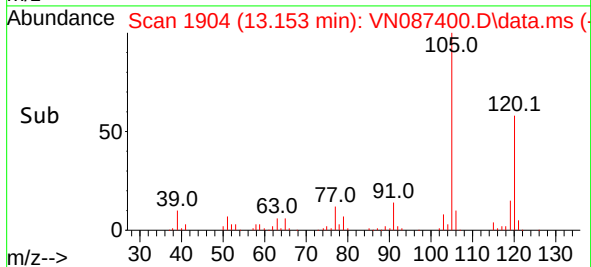
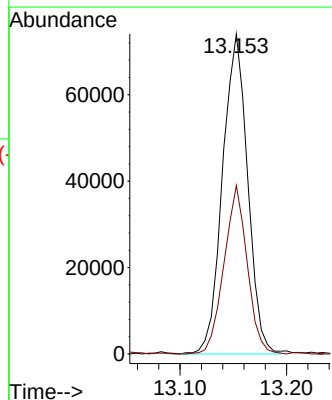
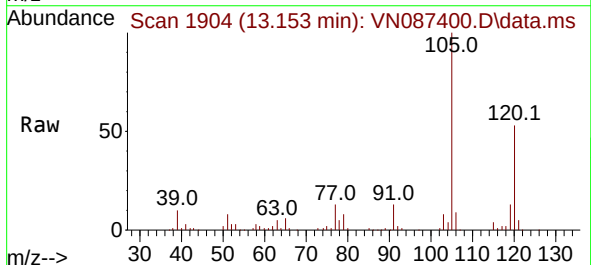
Manual Integrations
APPROVED

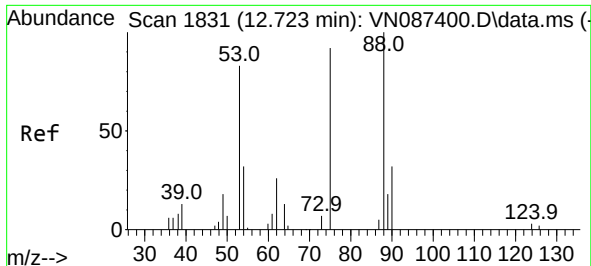
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 17.638 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

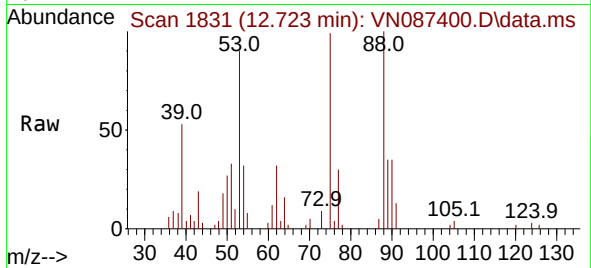
Tgt Ion:105 Resp: 121117
Ion Ratio Lower Upper
105 100
120 48.7 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.381 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

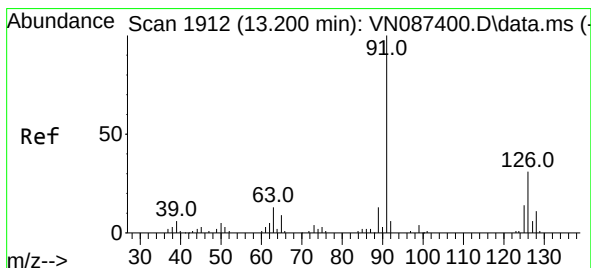
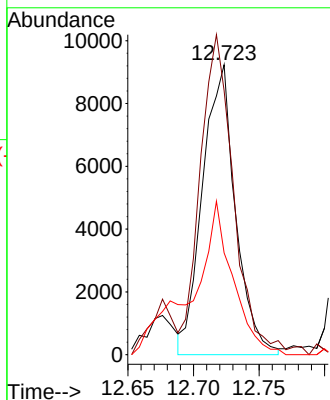
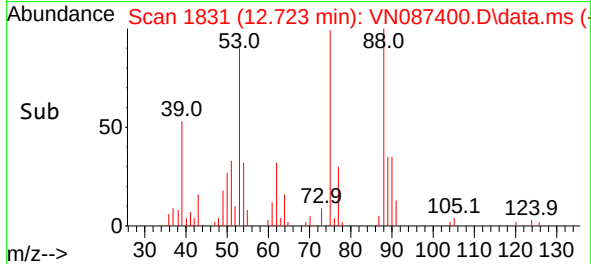
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 16109
Ion Ratio Lower Upper
75 100
53 87.9 44.0 131.8
89 33.9 17.0 50.9

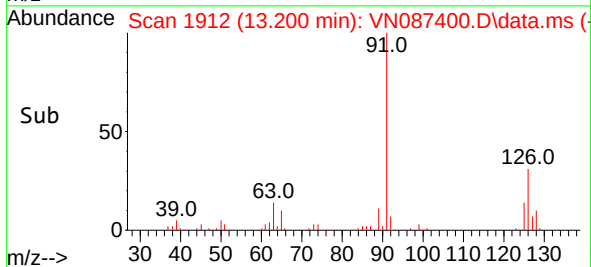
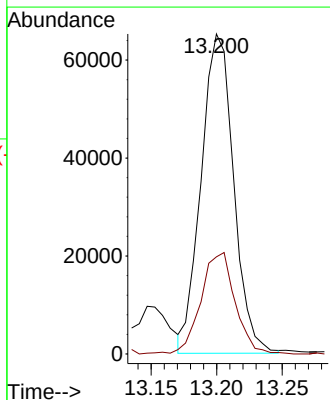
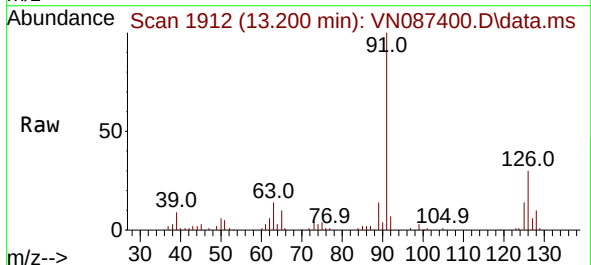
Manual Integrations
APPROVED

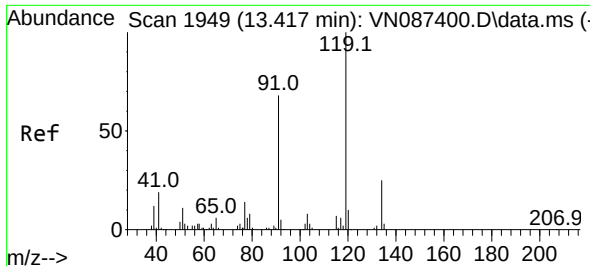
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#78
4-Chlorotoluene
Concen: 17.596 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion: 91 Resp: 112420
Ion Ratio Lower Upper
91 100
126 33.3 0.0 66.6





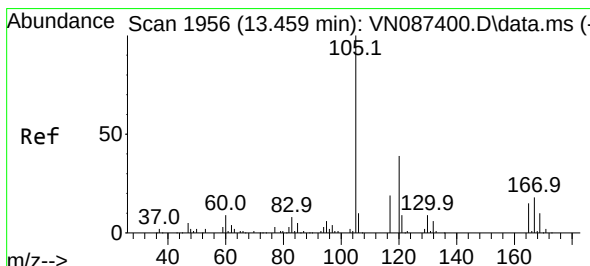
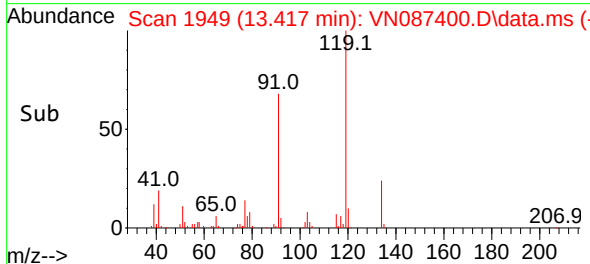
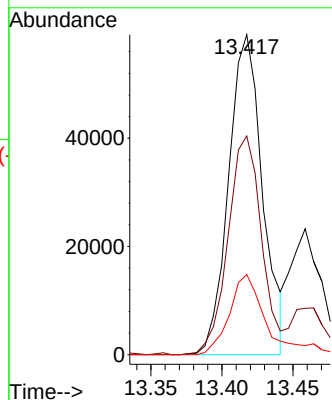
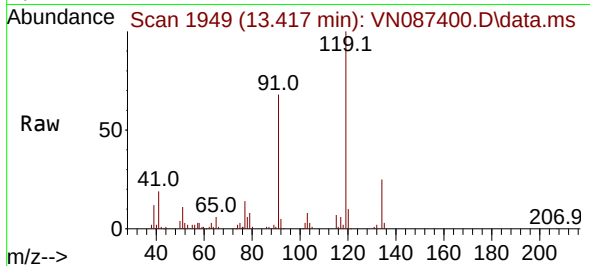
#79
tert-butylbenzene
Concen: 16.969 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 98238
Ion Ratio Lower Upper
119 100
91 67.4 0.0 134.8
134 26.0 0.0 52.0

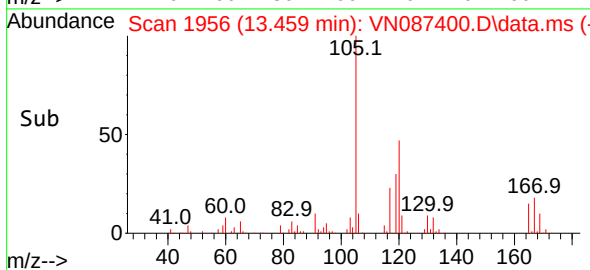
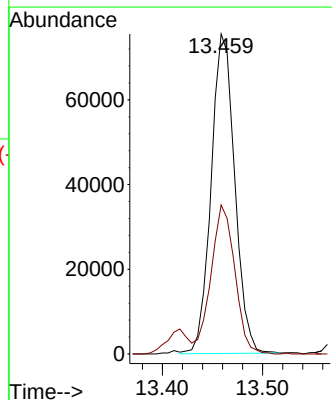
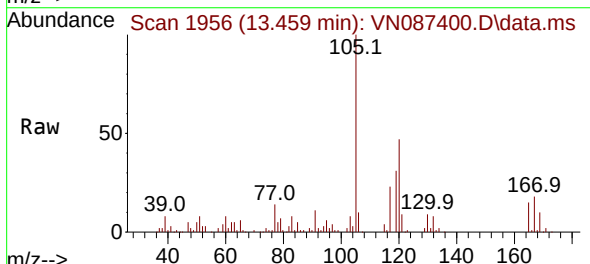
Manual Integrations
APPROVED

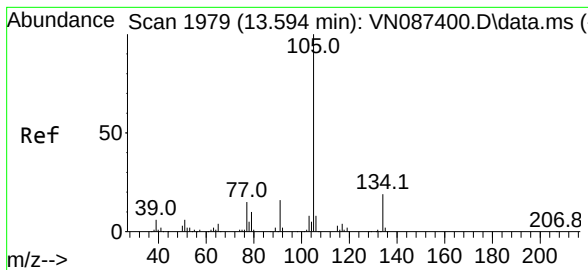
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 17.516 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

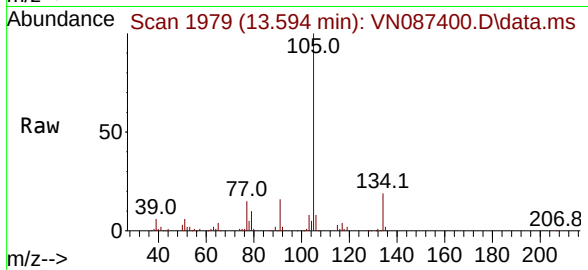
Tgt Ion:105 Resp: 123108
Ion Ratio Lower Upper
105 100
120 47.1 0.0 93.6





#81
 sec-Butylbenzene
 Concen: 16.808 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087400.D
 Acq: 23 Jul 2025 10:29

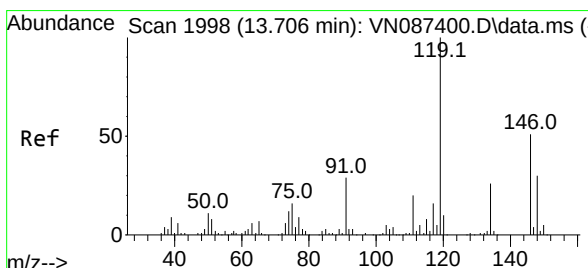
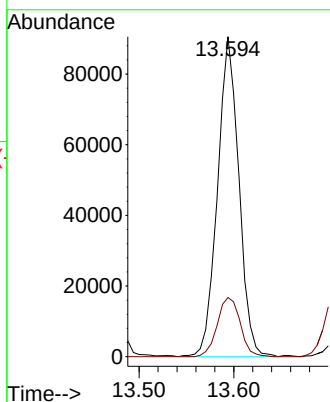
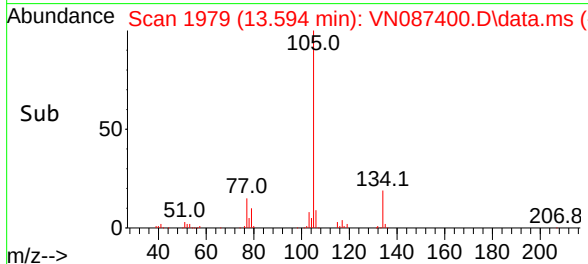
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



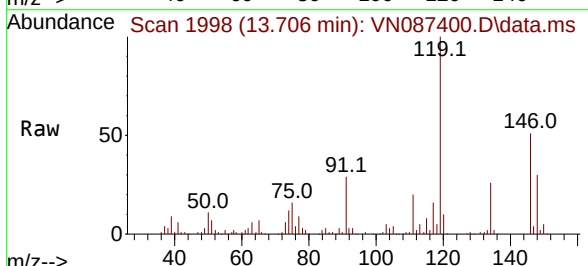
Tgt Ion:105 Resp: 141960
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.6

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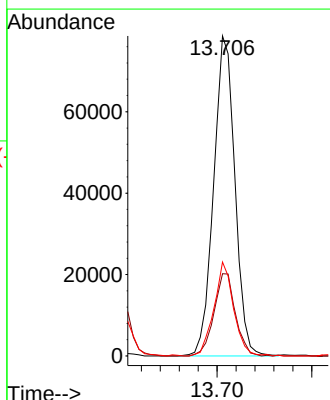
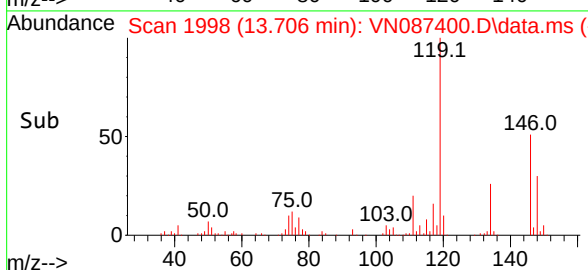
Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

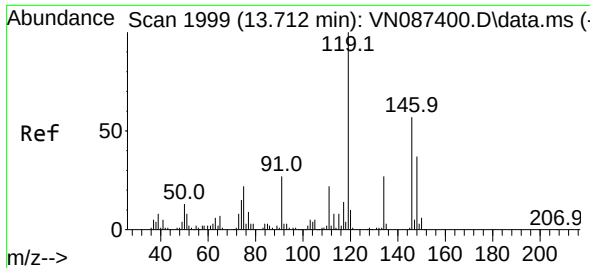


#82
 p-Isopropyltoluene
 Concen: 16.942 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087400.D
 Acq: 23 Jul 2025 10:29



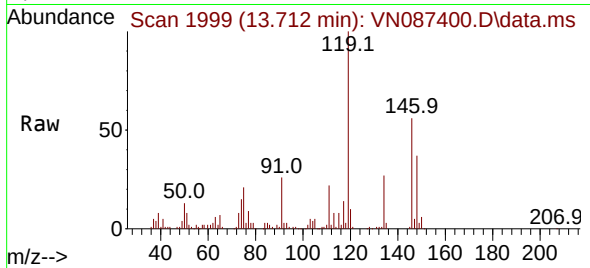
Tgt Ion:119 Resp: 122521
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 27.1 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 17.852 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

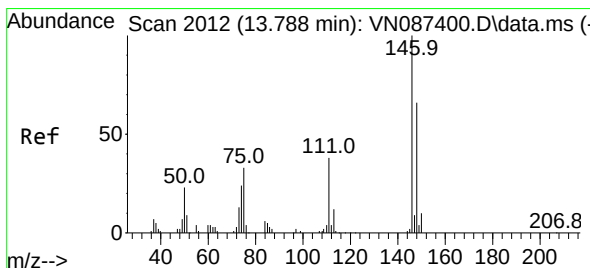
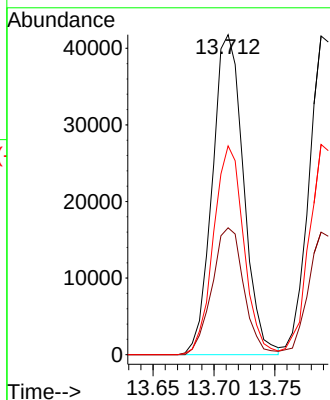
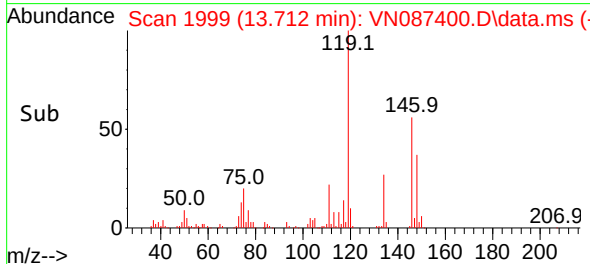
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



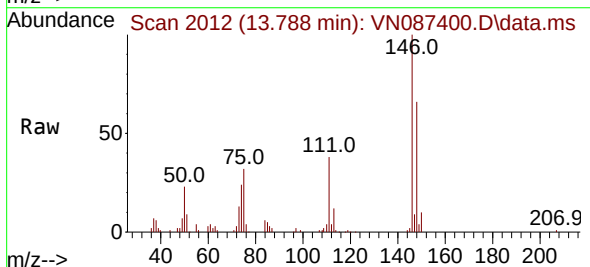
Tgt Ion:146 Resp: 7452
Ion Ratio Lower Upper
146 100
111 40.4 20.2 60.6
148 63.4 31.7 95.1

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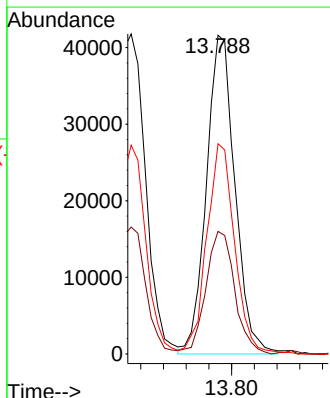
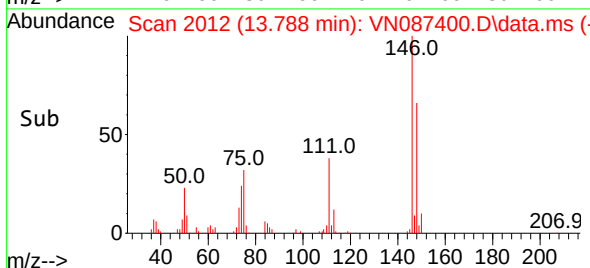
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

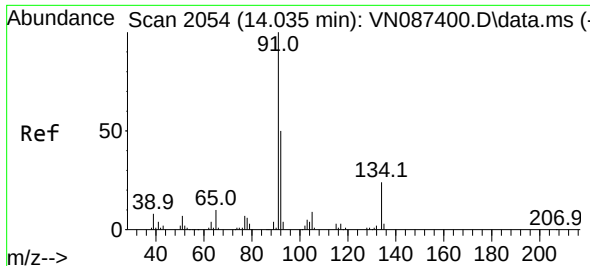


#84
1,4-Dichlorobenzene
Concen: 17.595 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29



Tgt Ion:146 Resp: 72591
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.1
148 64.8 32.4 97.2





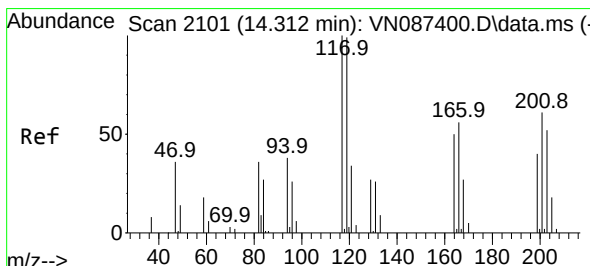
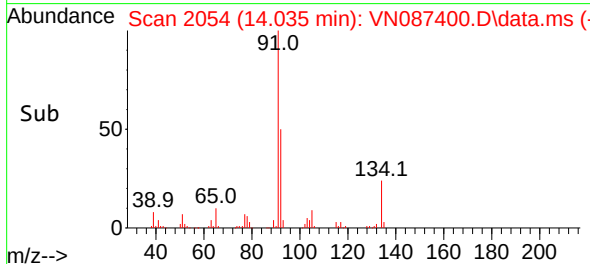
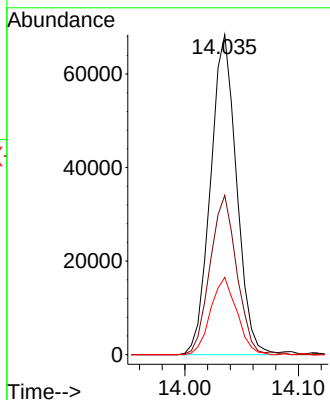
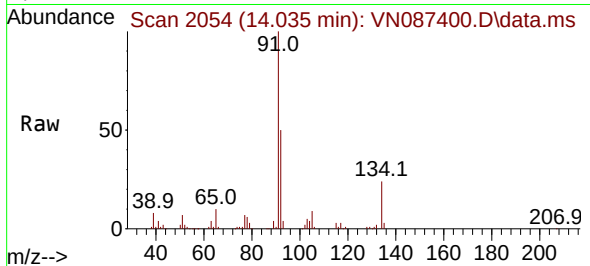
#85
n-Butylbenzene
Concen: 16.497 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 10897
Ion Ratio Lower Upper
91 100
92 50.7 0.0 101.4
134 24.3 0.0 48.6

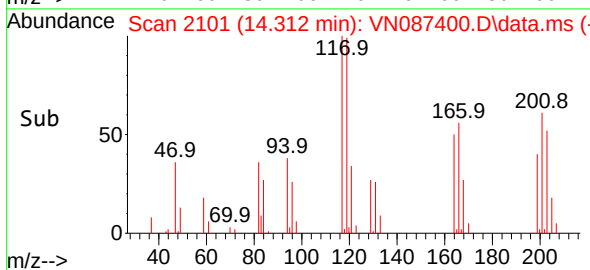
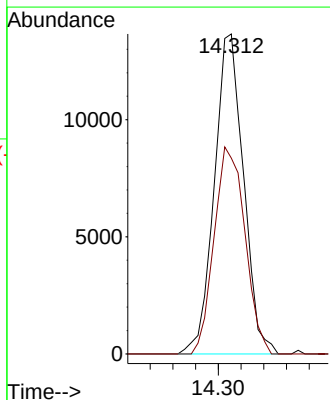
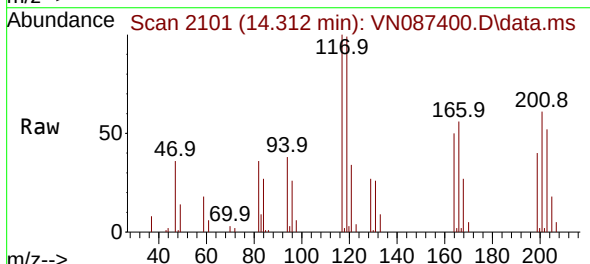
Manual Integrations
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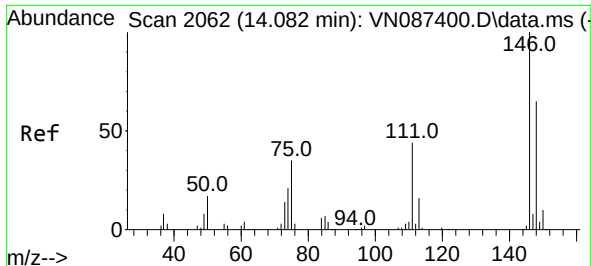
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#86
Hexachloroethane
Concen: 17.135 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion:117 Resp: 24372
Ion Ratio Lower Upper
117 100
201 68.3 34.2 102.5





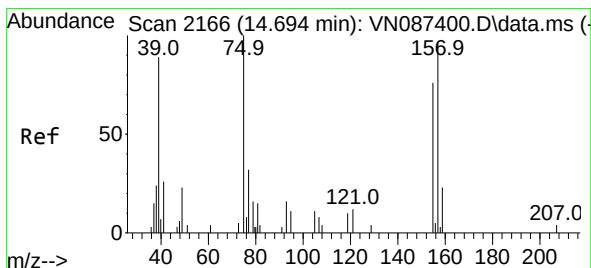
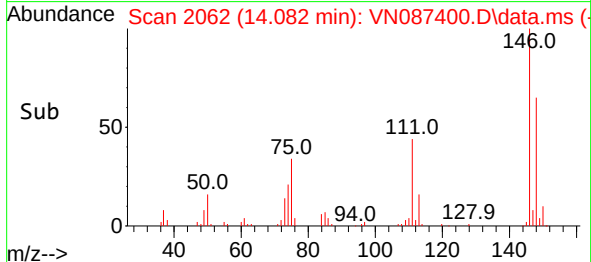
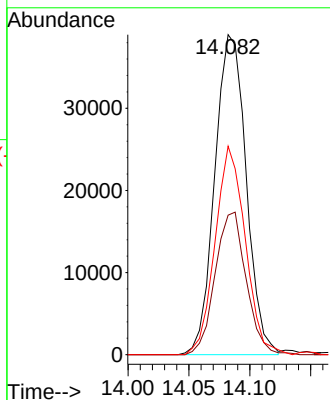
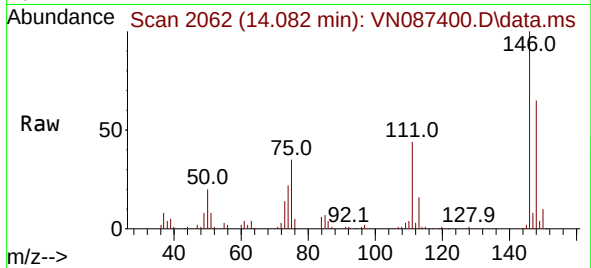
#87
1,2-Dichlorobenzene
Concen: 17.679 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 70000
Ion Ratio Lower Upper
146 100
111 43.9 21.9 65.8
148 62.4 31.2 93.6

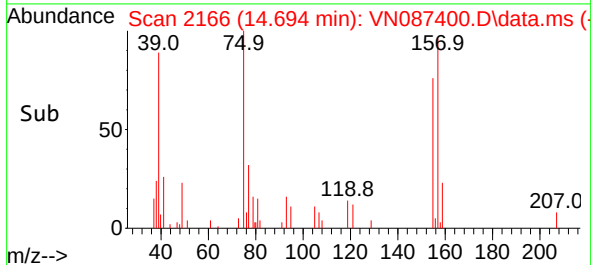
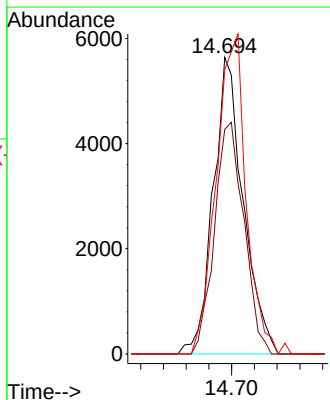
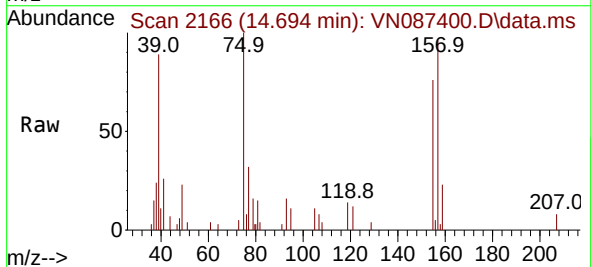
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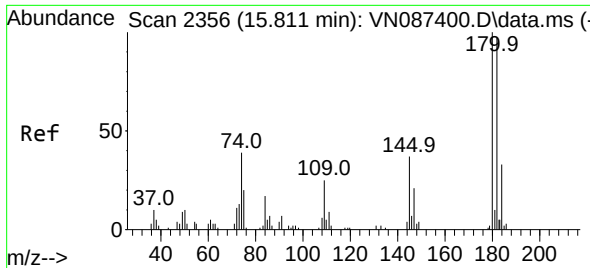
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.108 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

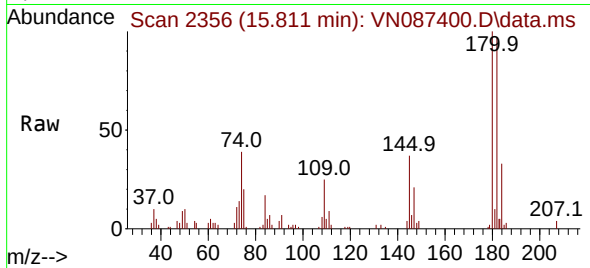
Tgt Ion: 75 Resp: 10355
Ion Ratio Lower Upper
75 100
155 76.6 61.3 91.9
157 106.9 85.5 128.3





#89
1,2,4-Trichlorobenzene
Concen: 17.224 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

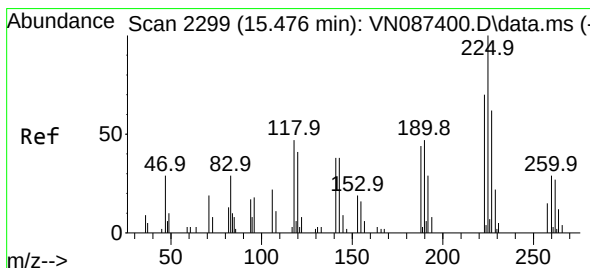
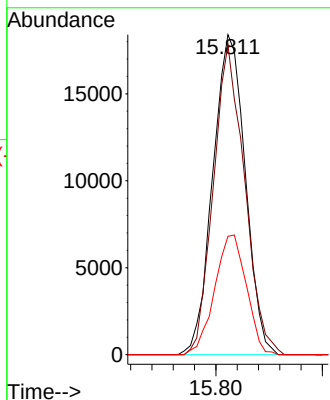
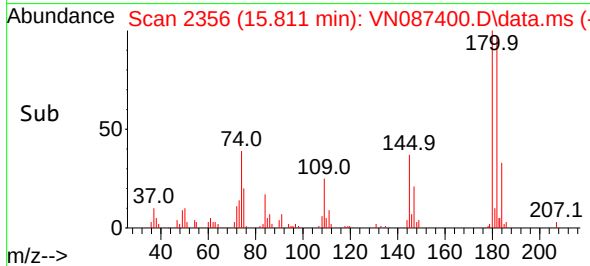
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



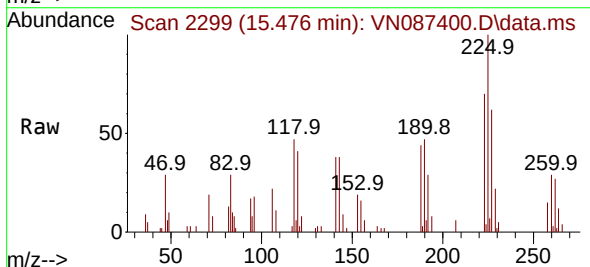
Tgt Ion:180 Resp: 3890
Ion Ratio Lower Upper
180 100
182 92.7 74.2 111.2
145 36.6 29.3 43.9

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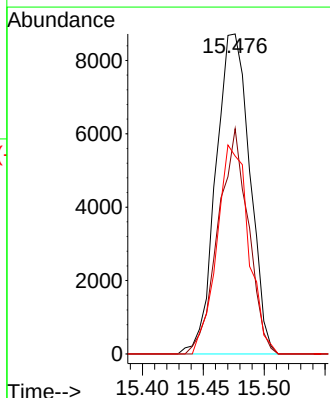
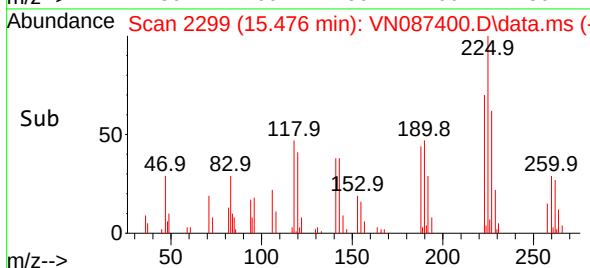
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

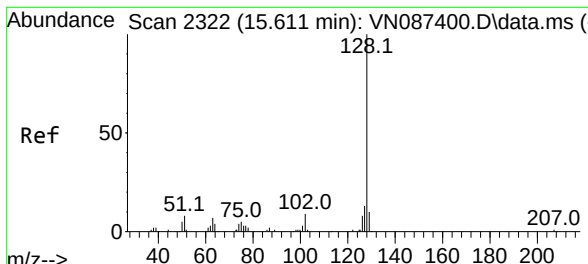


#90
Hexachlorobutadiene
Concen: 18.113 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29



Tgt Ion:225 Resp: 16919
Ion Ratio Lower Upper
225 100
223 62.6 0.0 125.2
227 61.2 0.0 122.4





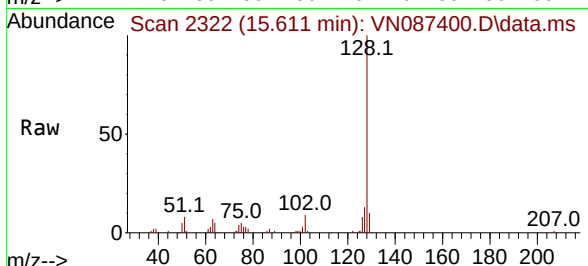
#91
Naphthalene
Concen: 15.987 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020



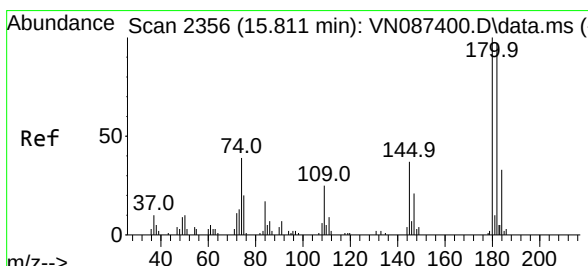
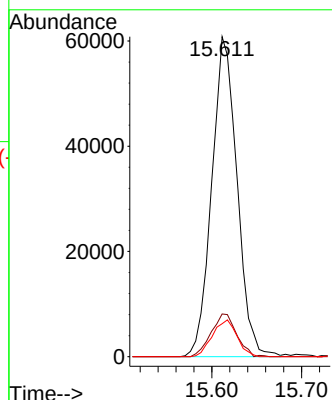
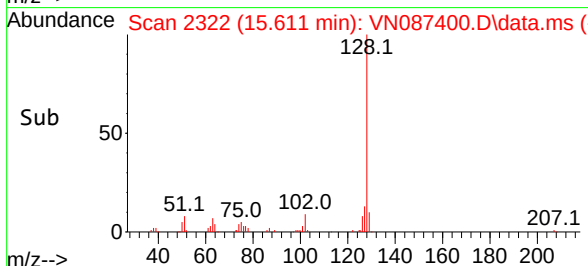
Tgt Ion:	128	Resp:	11891
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.7	16.1
129	11.2	9.0	13.4

Manual Integrations

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Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#92
1,2,3-Trichlorobenzene
Concen: 17.224 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087400.D
Acq: 23 Jul 2025 10:29

Tgt Ion:	180	Resp:	38903
Ion Ratio	Lower	Upper	
180	100		
182	92.7	0.0	185.4
145	36.6	0.0	73.2

