

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071825\
 Data File : VN087354.D
 Acq On : 18 Jul 2025 09:49
 Operator : JC\MD
 Sample : VN0718WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2025
 Supervised By : Mahesh Dadoda 07/21/2025

Quant Time: Jul 18 23:15:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	47522	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.083	114	244435	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	221298	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	111922	31.258	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.200%			
60) 4-Bromofluorobenzene	12.829	95	107177	31.385	ug/l	-0.02
Spiked Amount 30.000	Range 63 - 112		Recovery = 104.633%			
63) Toluene-d8	10.547	98	297958	29.987	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.967%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	46040	16.094	ug/l	92
3) Chloromethane	2.383	50	52156	17.851	ug/l	95
4) Vinyl Chloride	2.542	62	55991	17.632	ug/l	97
5) Bromomethane	2.983	94	31368	18.613	ug/l	94
6) Chloroethane	3.142	64	35021	20.559	ug/l	89
7) Trichlorofluoromethane	3.512	101	84060	21.581	ug/l	94
8) Diethyl Ether	3.959	74	35222	18.405	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	45806	15.862	ug/l #	86
10) 1,1-Dichloroethene	4.336	96	44010	15.288	ug/l	93
11) Methyl Iodide	4.577	142	45963	17.822	ug/l	83
12) Methyl Acetate	5.012	43	94157	20.852	ug/l	98
13) Acrolein	4.171	56	46346	66.797	ug/l	99
14) Acrylonitrile	5.706	53	194390	92.295	ug/l	99
15) Acetone	4.424	58	50273	81.828	ug/l #	67
16) Carbon Disulfide	4.700	76	120368	14.301	ug/l	99
17) Allyl chloride	5.006	41	83723	17.633	ug/l	95
18) Methylene Chloride	5.265	84	61633	18.481	ug/l #	88
19) trans-1,2-Dichloroethene	5.765	96	50015	15.887	ug/l	94
20) Diisopropyl ether	6.665	45	200651	19.919	ug/l	95
21) 1,1-Dichloroethane	6.553	63	108440	18.011	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	66003	18.014	ug/l	99
23) tert-Butyl Alcohol	5.518	59	70858	89.457	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	197607	19.572	ug/l #	85
25) Chloroform	7.953	83	112809	19.558	ug/l	98
26) Cyclohexane	8.241	56	82625	16.510	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	73612	19.322	ug/l	97
30) 2-Butanone	7.471	43	273944	106.594	ug/l	97
31) 2,2-Dichloropropane	7.477	77	88722	19.292	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	94766	21.291	ug/l	99
33) Carbon Tetrachloride	8.341	117	79873	21.324	ug/l	94
34) Benzene	8.588	78	230543	19.101	ug/l	98
35) Methacrylonitrile	7.765	41	54370	20.992	ug/l	92
36) 1,2-Dichloroethane	8.653	62	89095	22.847	ug/l	100
37) Trichloroethene	9.335	130	54222	19.476	ug/l	90
38) Methylcyclohexane	9.583	83	82279	18.822	ug/l	97
39) 1,2-Dichloropropane	9.600	63	61741	20.380	ug/l	95
40) Dibromomethane	9.688	93	44656	21.678	ug/l	97
41) Bromodichloromethane	9.871	83	90440	21.751	ug/l	100
42) Vinyl Acetate	6.589	43	814344	97.423	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071825\
 Data File : VN087354.D
 Acq On : 18 Jul 2025 09:49
 Operator : JC\MD
 Sample : VN0718WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Quant Time: Jul 18 23:15:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2025
 Supervised By : Mahesh Dadoda 07/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	104599	22.546	ug/l	99
44) Isopropyl Acetate	8.677	43	168318	22.268	ug/l	97
45) 1,4-Dioxane	9.683	88	22395	437.982	ug/l	96
46) Methyl methacrylate	9.665	41	77417	22.032	ug/l	91
47) n-amyl Acetate	12.518	43	103268m	22.346	ug/l	
48) t-1,3-Dichloropropene	10.818	75	97826	21.105	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	98514	19.992	ug/l	94
50) 1,1,2-Trichloroethane	11.000	97	59759	20.422	ug/l	96
51) Ethyl methacrylate	10.859	69	99466	22.333	ug/l	95
52) 1,3-Dichloropropane	11.147	76	103837	20.670	ug/l	100
53) Dibromochloromethane	11.341	129	66541	21.663	ug/l	98
54) 1,2-Dibromoethane	11.453	107	60898	20.172	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	250674	98.193	ug/l	99
56) Bromoform	12.559	173	43849	20.766	ug/l #	99
58) 4-Methyl-2-Pentanone	10.430	43	538352	121.008	ug/l	97
59) 2-Hexanone	11.177	43	364057	126.726	ug/l	91
61) Tetrachloroethene	11.082	164	43638	19.912	ug/l	95
62) Toluene	10.612	91	243667	19.496	ug/l	97
64) Chlorobenzene	11.871	112	156878	19.677	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.941	131	55487	21.064	ug/l	98
66) Ethyl Benzene	11.941	91	267636	19.563	ug/l	98
67) m/p-Xylenes	12.053	106	207896	39.657	ug/l	99
68) o-Xylene	12.376	106	102410	20.476	ug/l	96
69) Styrene	12.394	104	164445	19.152	ug/l	97
70) Isopropylbenzene	12.676	105	257201	20.649	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	92663	20.667	ug/l	96
72) 1,2,3-Trichloropropane	12.976	75	88121m	22.792	ug/l	
73) Bromobenzene	12.959	156	63051	20.867	ug/l	95
74) n-propylbenzene	13.018	91	317325	20.853	ug/l	99
75) 2-Chlorotoluene	13.106	91	185378	20.164	ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	217196	21.419	ug/l	98
77) t-1,4-Dichloro-2-butene	12.724	75	31906	18.604	ug/l	98
78) 4-Chlorotoluene	13.200	91	191958	20.387	ug/l	98
79) tert-butylbenzene	13.418	119	188065	22.063	ug/l	98
80) 1,2,4-Trimethylbenzene	13.465	105	213138	20.932	ug/l	100
81) sec-Butylbenzene	13.594	105	275791	22.258	ug/l	100
82) p-Isopropyltoluene	13.706	119	233831	22.676	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	119952	20.616	ug/l	98
84) 1,4-Dichlorobenzene	13.794	146	125908	21.501	ug/l	99
85) n-Butylbenzene	14.035	91	217503	23.118	ug/l	97
86) Hexachloroethane	14.306	117	41372	21.196	ug/l	86
87) 1,2-Dichlorobenzene	14.088	146	117040	21.333	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	21197	20.996	ug/l	96
89) 1,2,4-Trichlorobenzene	15.812	180	71387	22.999	ug/l	99
90) Hexachlorobutadiene	15.476	225	30129	32.711	ug/l	96
91) Naphthalene	15.617	128	251907	20.621	ug/l	100
92) 1,2,3-Trichlorobenzene	15.812	180	71387	22.999	ug/l	99

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

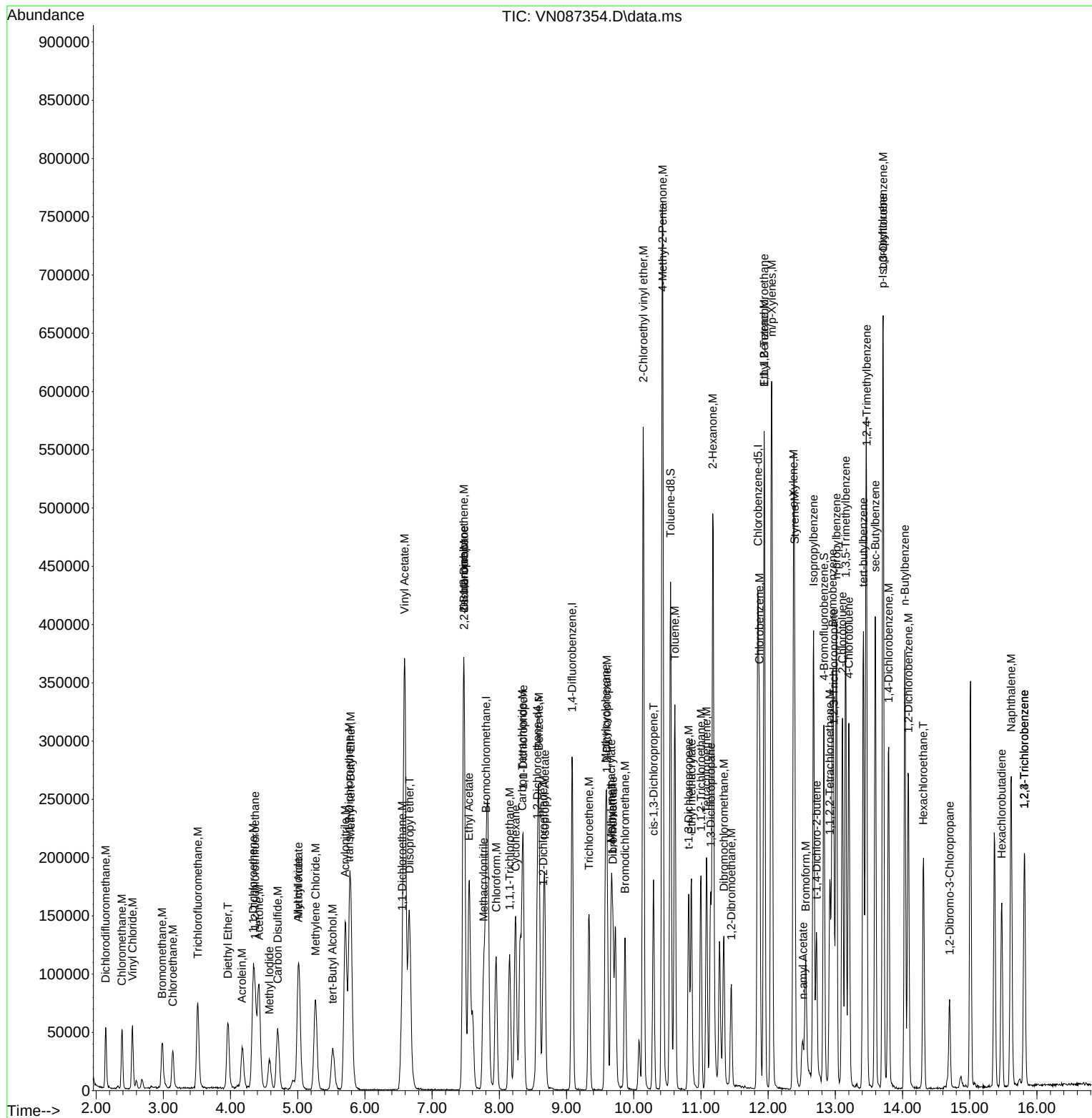
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071825\
 Data File : VN087354.D
 Acq On : 18 Jul 2025 09:49
 Operator : JC\MD
 Sample : VN0718WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

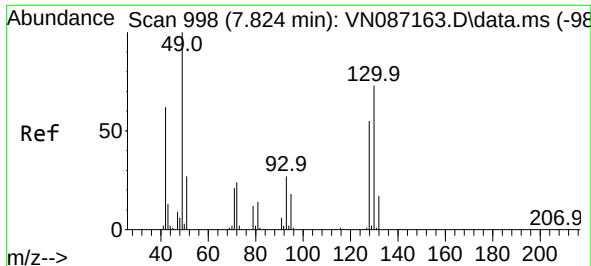
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 07/21/2025
 Supervised By : Mahesh Dadoda 07/21/2025

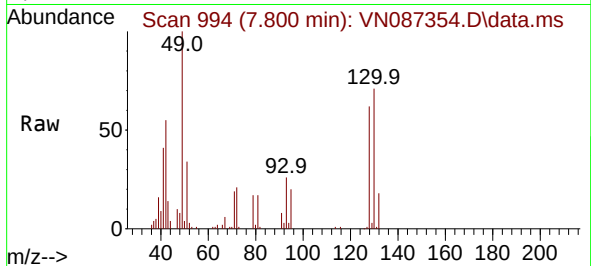
Quant Time: Jul 18 23:15:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 91
Delta R.T. -0.024 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

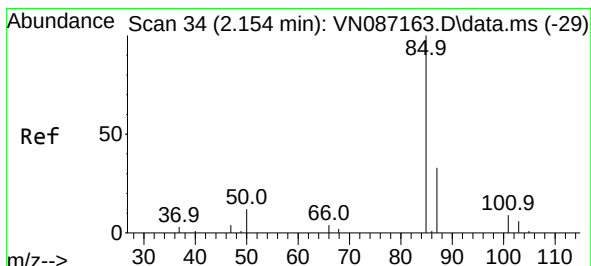
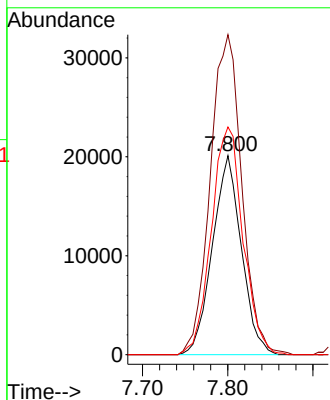
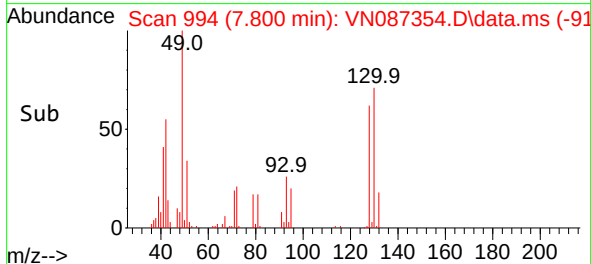
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion:128 Resp: 4752
Ion Ratio Lower Upper
128 100
49 175.4 0.0 450.5
130 125.3 0.0 320.7

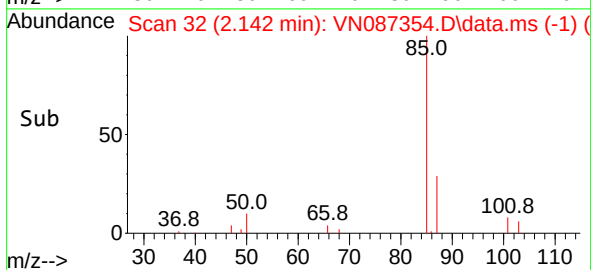
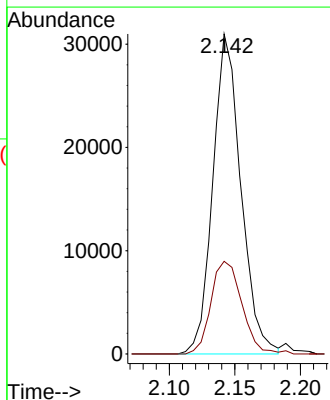
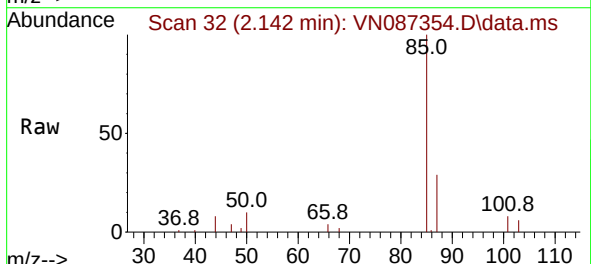
Manual Integrations
APPROVED

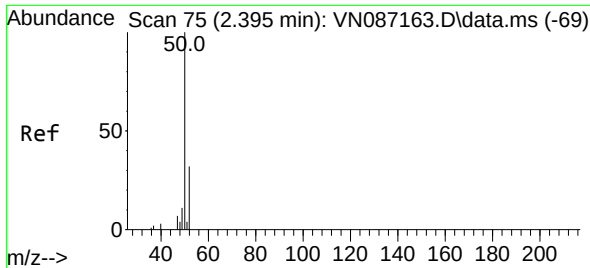
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#2
Dichlorodifluoromethane
Concen: 16.094 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.012 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

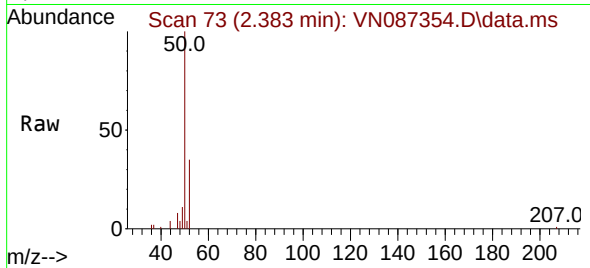
Tgt Ion: 85 Resp: 46040
Ion Ratio Lower Upper
85 100
87 29.0 16.7 50.0





#3
Chloromethane
Concen: 17.851 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

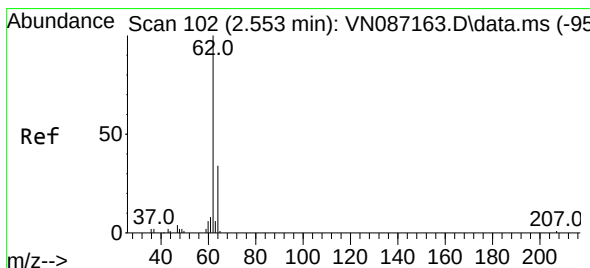
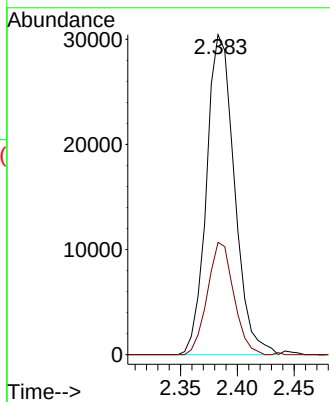
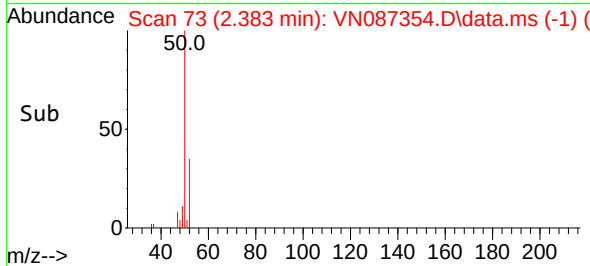
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion: 50 Resp: 52150
Ion Ratio Lower Upper
50 100
52 35.1 25.9 38.9

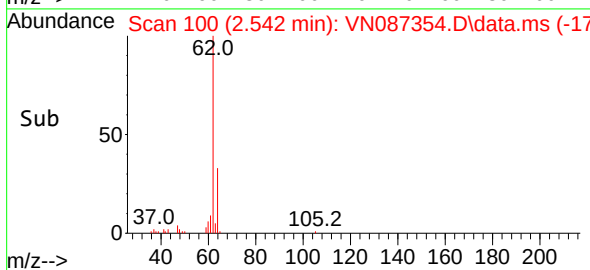
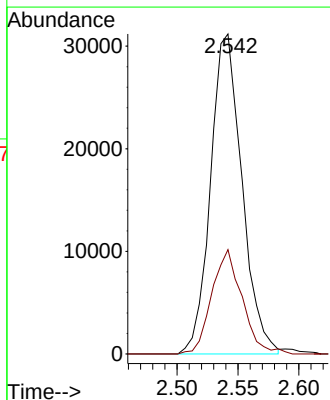
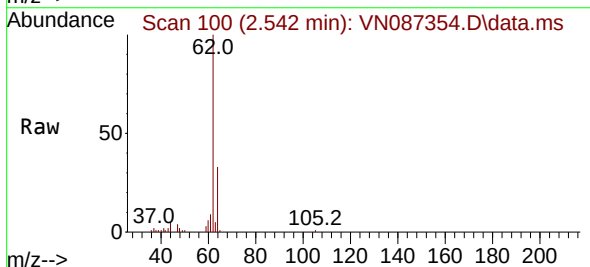
Manual Integrations
APPROVED

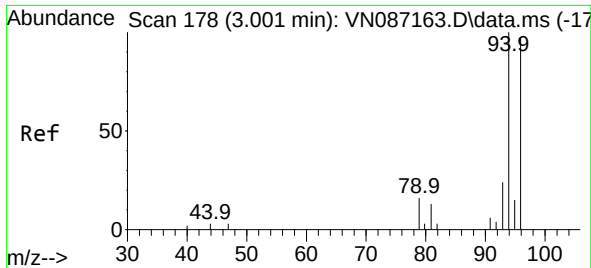
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#4
Vinyl Chloride
Concen: 17.632 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.012 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

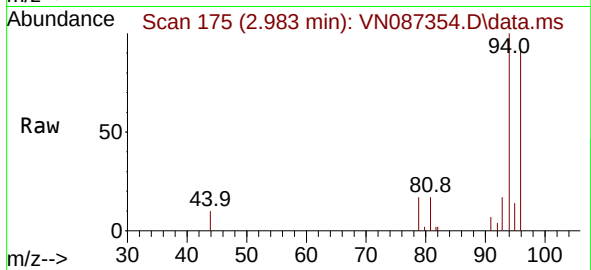
Tgt Ion: 62 Resp: 55991
Ion Ratio Lower Upper
62 100
64 32.6 27.4 41.2





#5
Bromomethane
Concen: 18.613 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

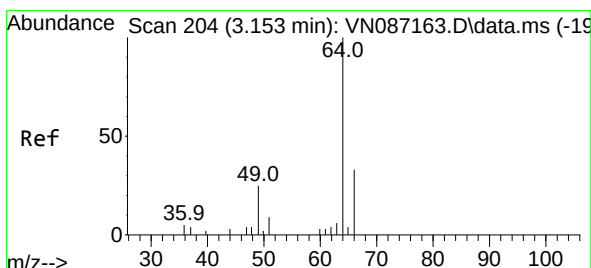
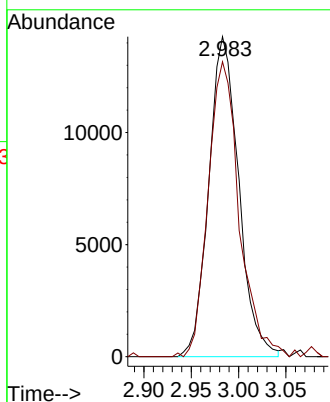
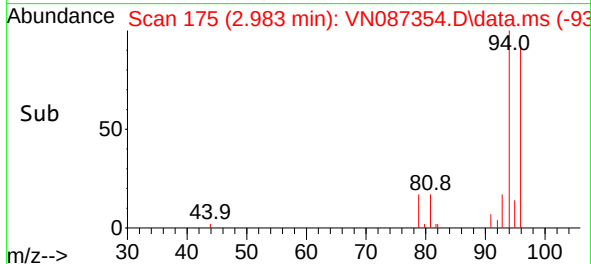
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



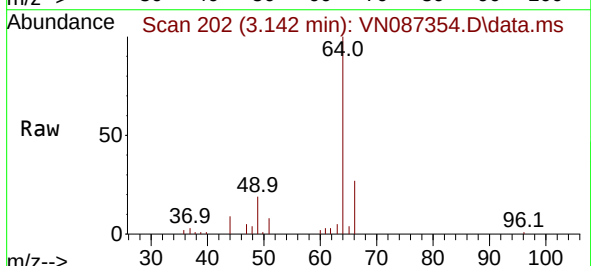
Tgt Ion: 94 Resp: 31368
Ion Ratio Lower Upper
94 100
96 91.0 77.9 116.9

Manual Integrations
APPROVED

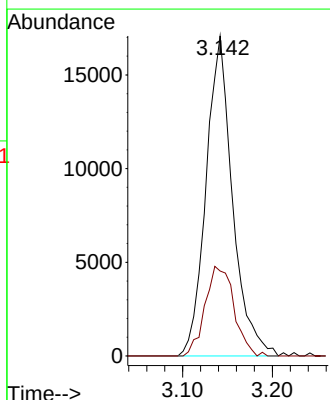
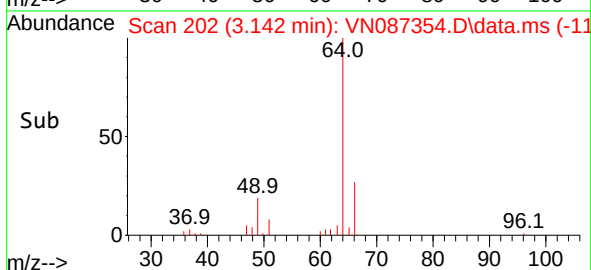
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

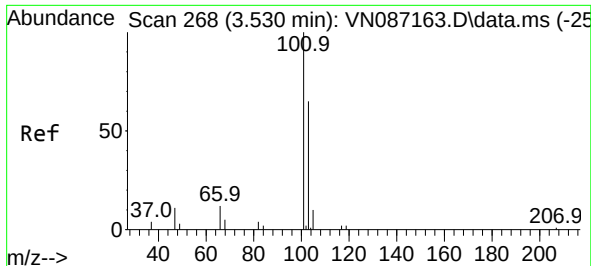


#6
Chloroethane
Concen: 20.559 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.012 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49



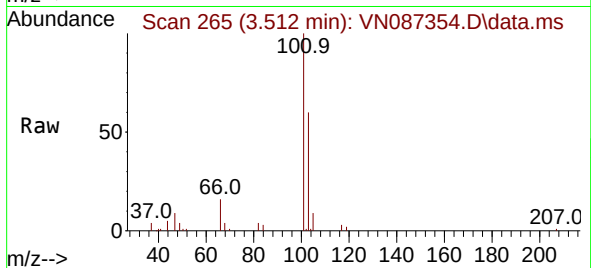
Tgt Ion: 64 Resp: 35021
Ion Ratio Lower Upper
64 100
66 26.5 26.4 39.6





#7
Trichlorofluoromethane
Concen: 21.581 ug/l
RT: 3.512 min Scan# 20
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

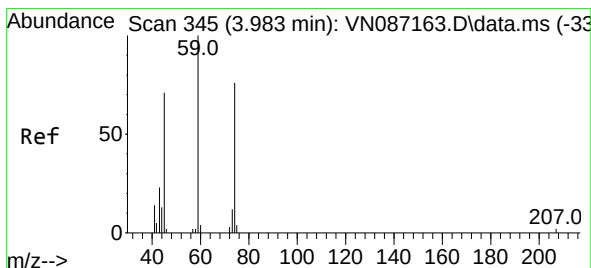
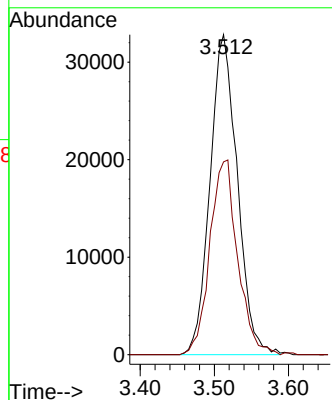
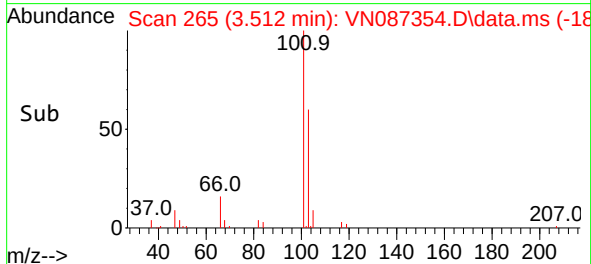
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion:101 Resp: 84060
Ion Ratio Lower Upper
101 100
103 60.3 51.8 77.8

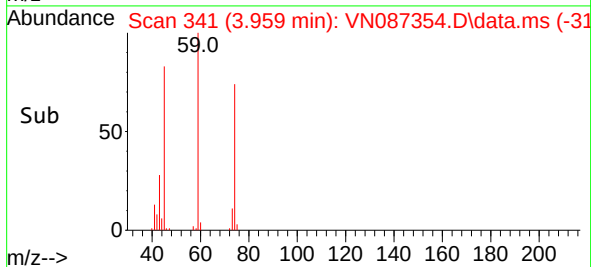
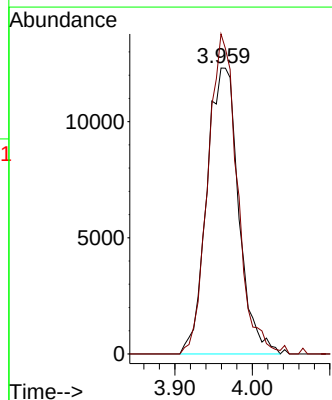
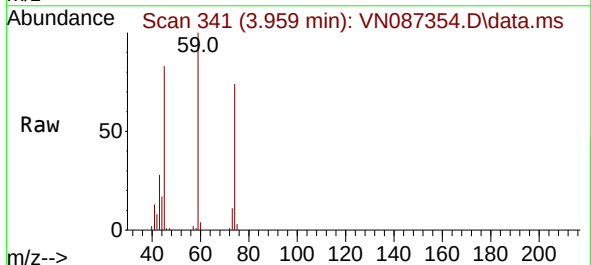
Manual Integrations
APPROVED

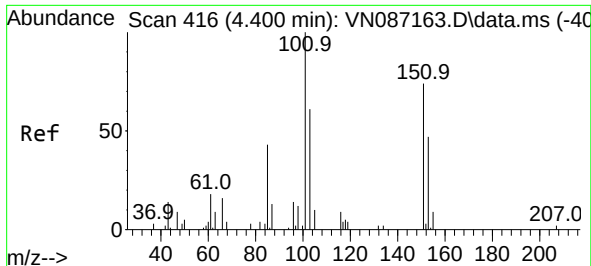
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#8
Diethyl Ether
Concen: 18.405 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

Tgt Ion: 74 Resp: 35222
Ion Ratio Lower Upper
74 100
45 100.8 19.0 171.0





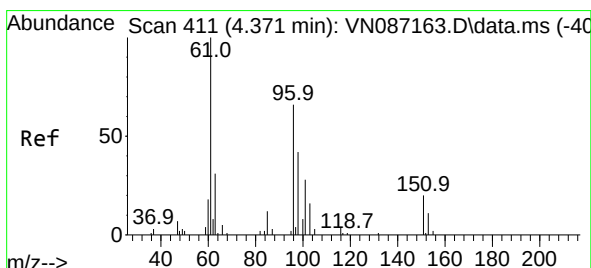
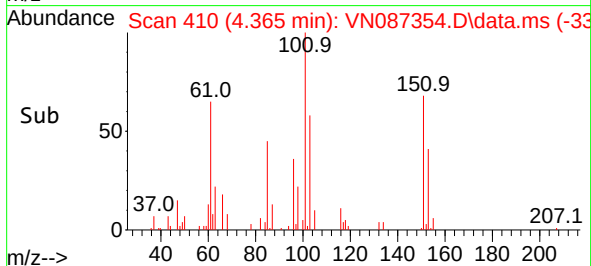
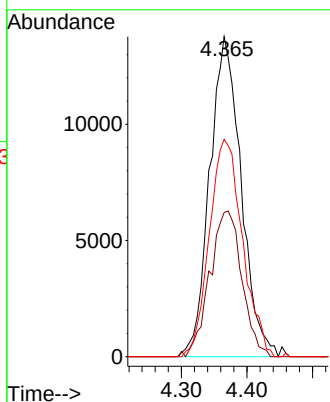
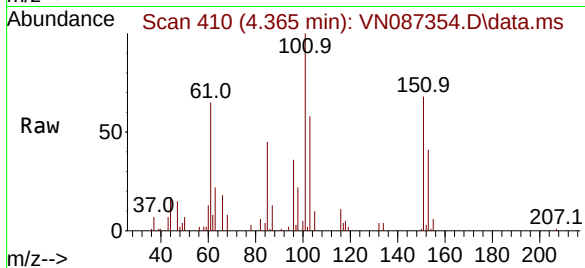
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 15.862 ug/l
 RT: 4.365 min Scan# 416
 Delta R.T. -0.035 min
 Lab File: VN087354.D
 Acq: 18 Jul 2025 09:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Tgt Ion:101 Resp: 45800
 Ion Ratio Lower Upper
 101 100
 85 46.3 0.0 40.6
 151 71.7 0.0 141.2

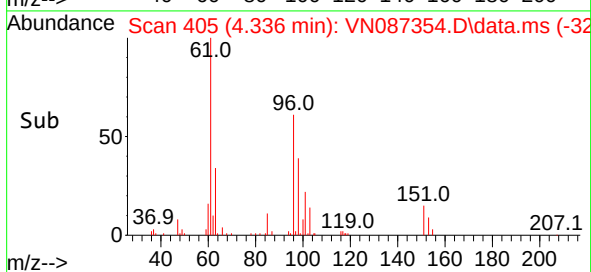
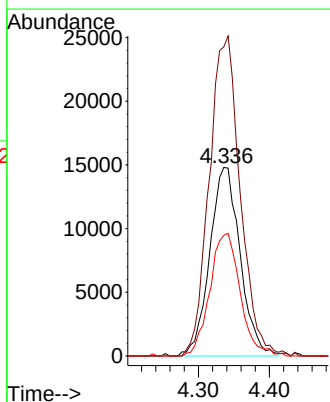
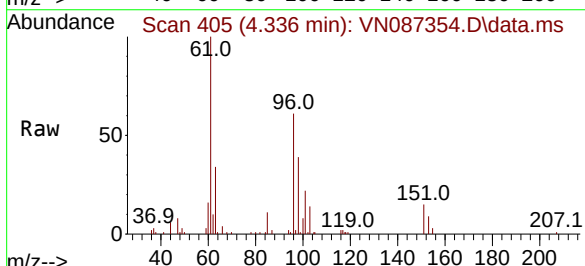
Manual Integrations
 APPROVED

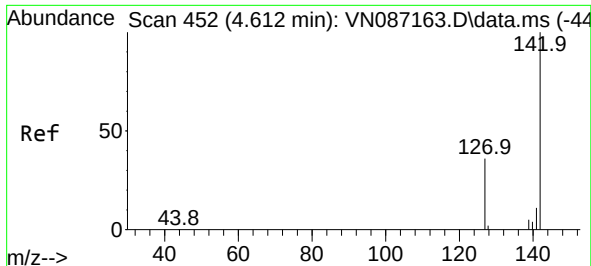
Reviewed By :John Carlone 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#10
 1,1-Dichloroethene
 Concen: 15.288 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.035 min
 Lab File: VN087354.D
 Acq: 18 Jul 2025 09:49

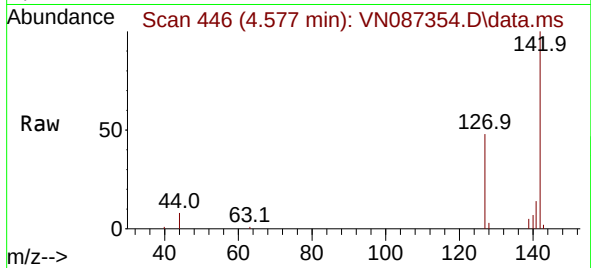
Tgt Ion: 96 Resp: 44010
 Ion Ratio Lower Upper
 96 100
 61 164.1 122.0 183.0
 98 64.0 50.3 75.5





#11
Methyl Iodide
Concen: 17.822 ug/l
RT: 4.577 min Scan# 44
Delta R.T. -0.035 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

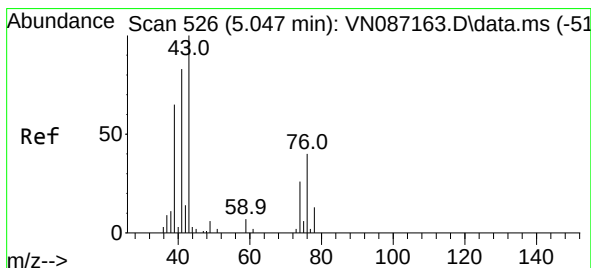
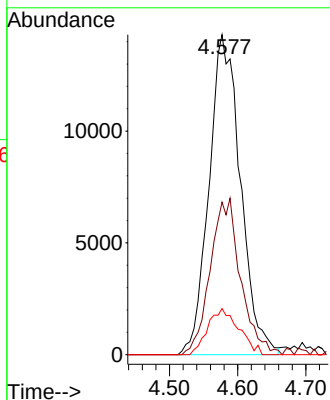
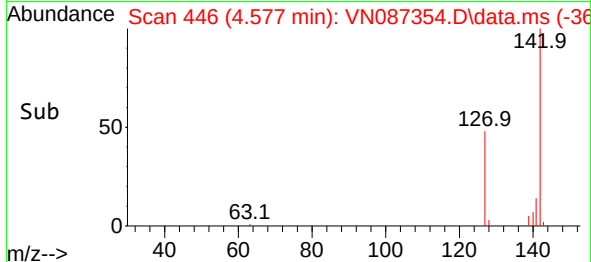
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion:142 Resp: 4596
Ion Ratio Lower Upper
142 100
127 47.5 18.1 54.1
141 14.6 5.7 17.1

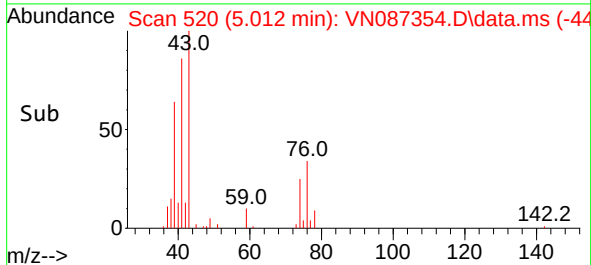
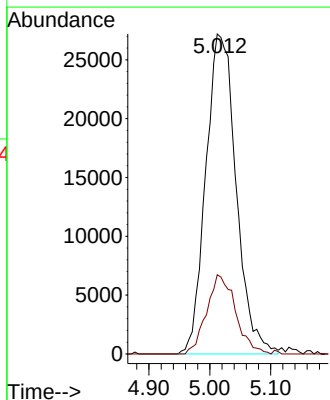
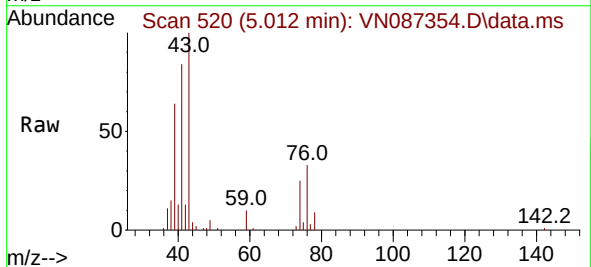
Manual Integrations
APPROVED

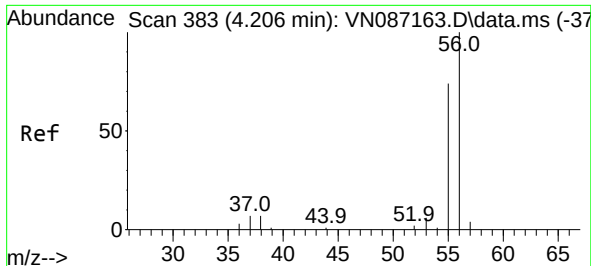
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#12
Methyl Acetate
Concen: 20.852 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.035 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

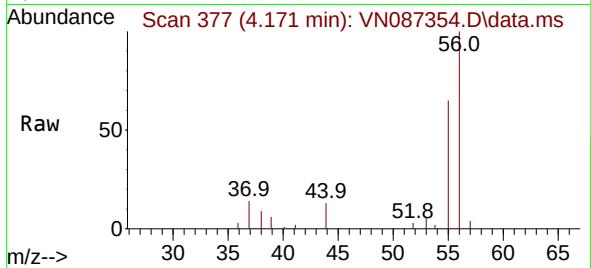
Tgt Ion: 43 Resp: 94157
Ion Ratio Lower Upper
43 100
74 24.5 20.3 30.5





#13
Acrolein
Concen: 66.797 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.035 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

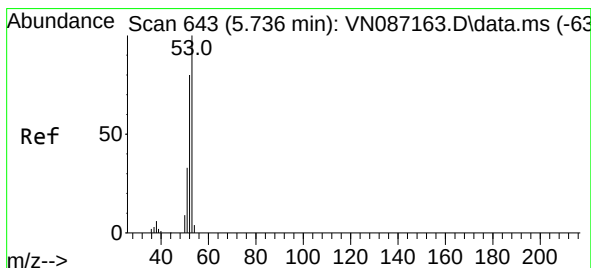
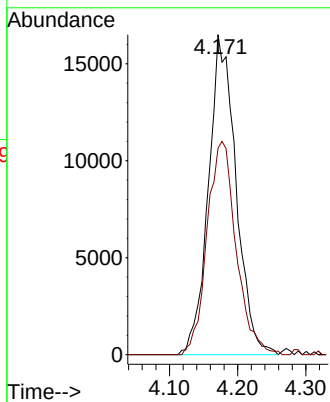
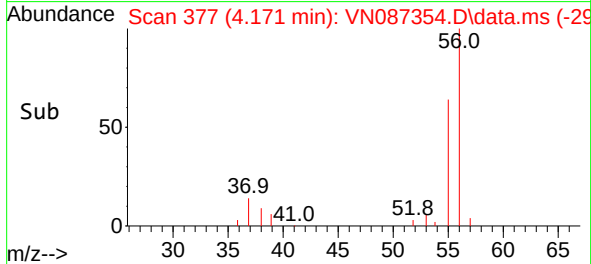
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion: 56 Resp: 46340
Ion Ratio Lower Upper
56 100
55 70.4 55.7 83.5

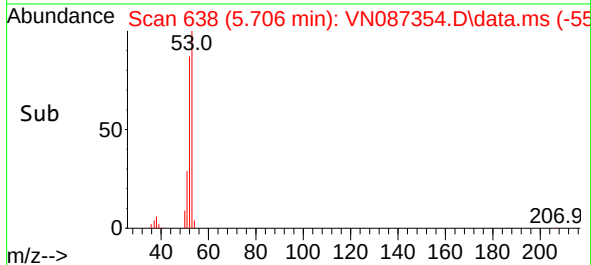
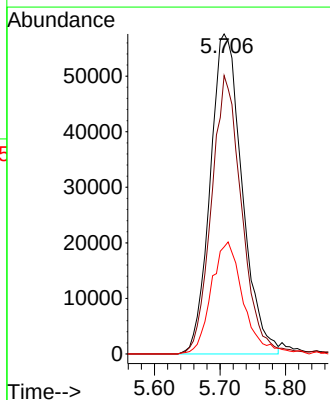
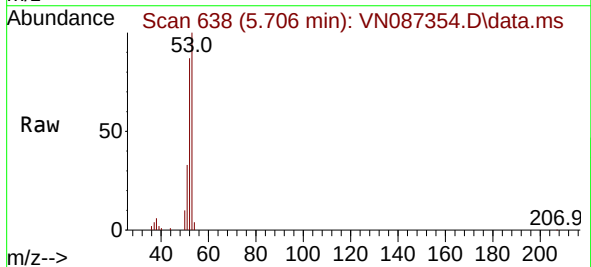
Manual Integrations
APPROVED

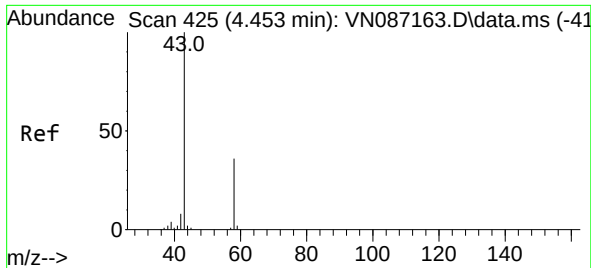
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#14
Acrylonitrile
Concen: 92.295 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.029 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

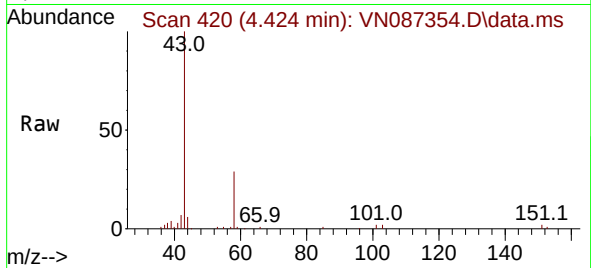
Tgt Ion: 53 Resp: 194390
Ion Ratio Lower Upper
53 100
52 82.6 40.5 121.5
51 34.0 16.9 50.7





#15
Acetone
Concen: 81.828 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.029 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

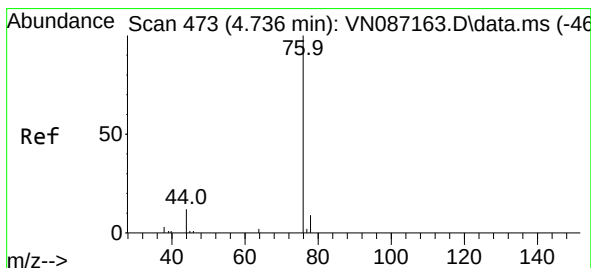
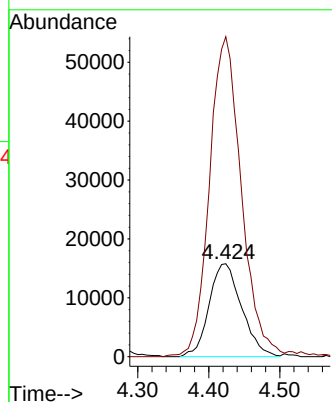
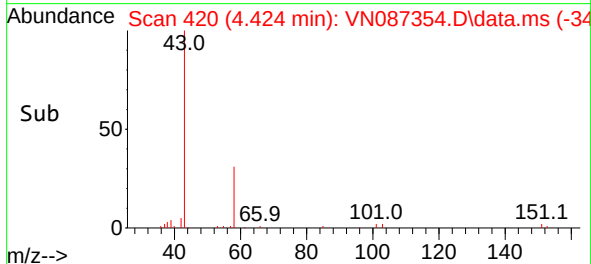
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



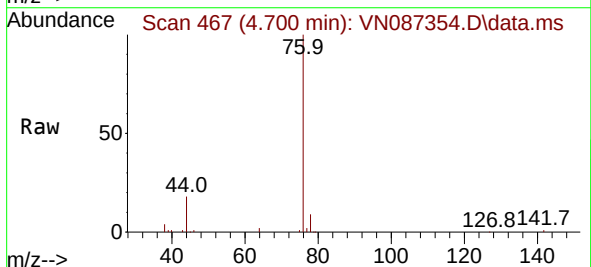
Tgt Ion: 58 Resp: 50273
Ion Ratio Lower Upper
58 100
43 341.8 224.3 336.5

Manual Integrations
APPROVED

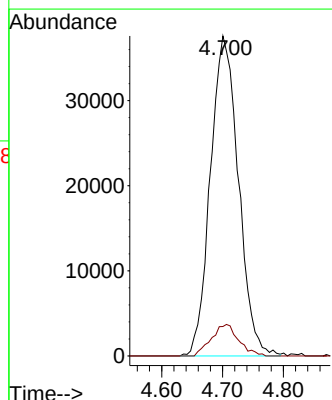
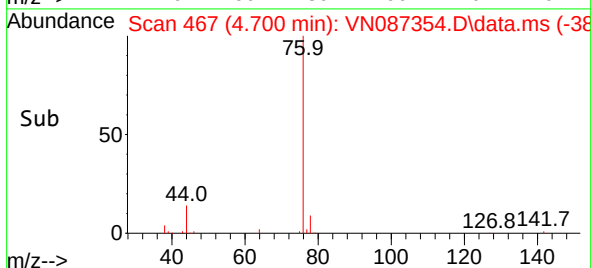
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

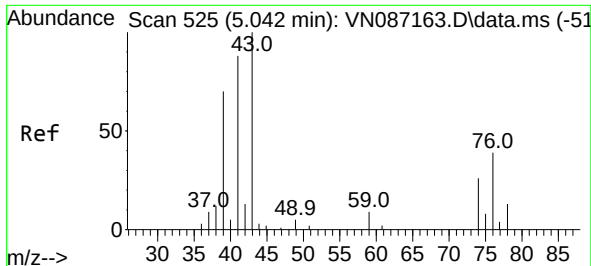


#16
Carbon Disulfide
Concen: 14.301 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.035 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49



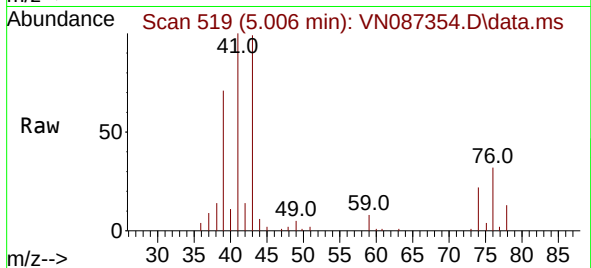
Tgt Ion: 76 Resp: 120368
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8





#17
 Allyl chloride
 Concen: 17.633 ug/l
 RT: 5.006 min Scan# 519
 Delta R.T. -0.035 min
 Lab File: VN087354.D
 Acq: 18 Jul 2025 09:49

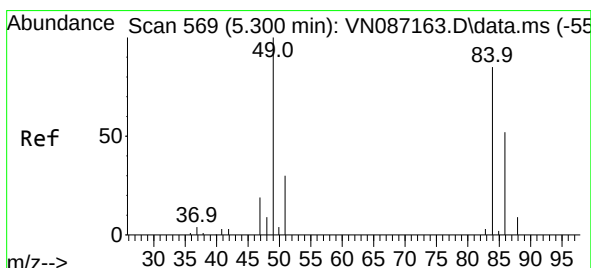
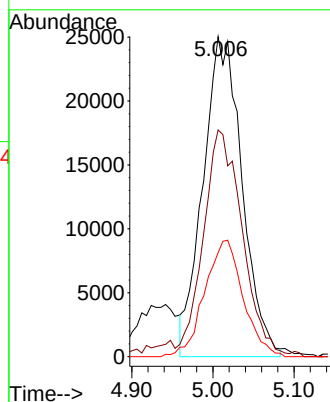
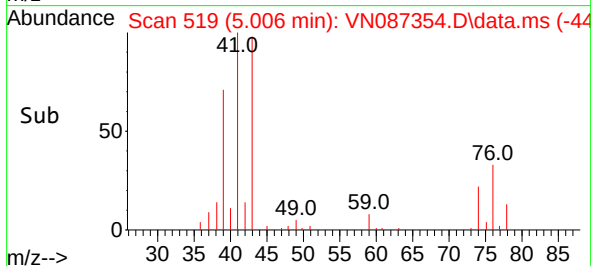
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01



Tgt Ion: 41 Resp: 8372
 Ion Ratio Lower Upper
 41 100
 39 70.7 36.0 108.0
 76 32.2 19.5 58.5

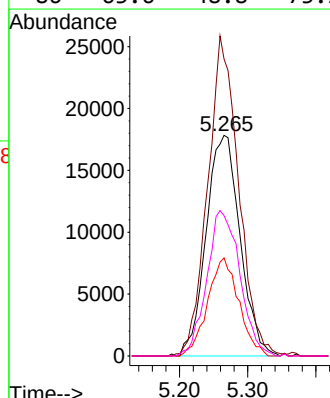
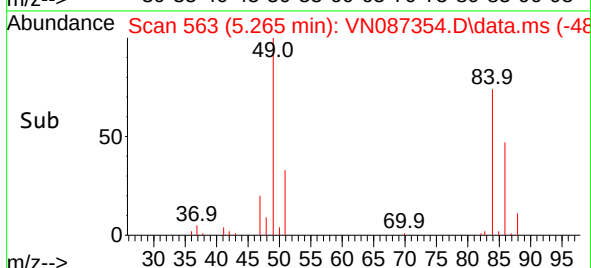
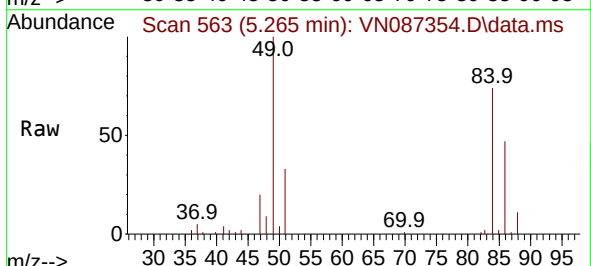
Manual Integrations
 APPROVED

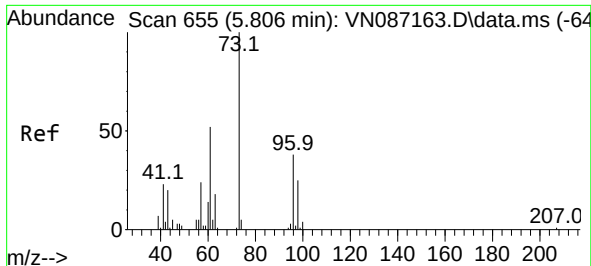
Reviewed By :John Carlone 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#18
 Methylene Chloride
 Concen: 18.481 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.035 min
 Lab File: VN087354.D
 Acq: 18 Jul 2025 09:49

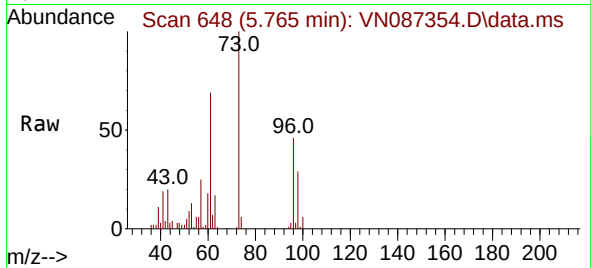
Tgt Ion: 84 Resp: 61633
 Ion Ratio Lower Upper
 84 100
 49 133.5 94.0 141.0
 51 44.5 28.3 42.5#
 86 63.6 48.8 73.2





#19
trans-1,2-Dichloroethene
Concen: 15.887 ug/l
RT: 5.765 min Scan# 64
Delta R.T. -0.041 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

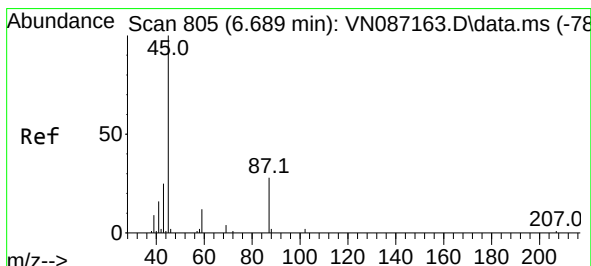
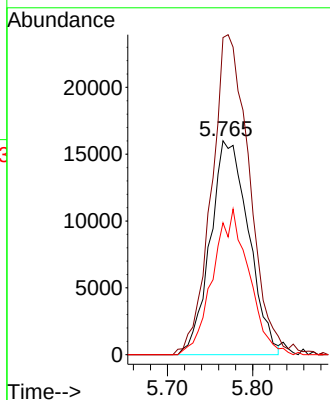
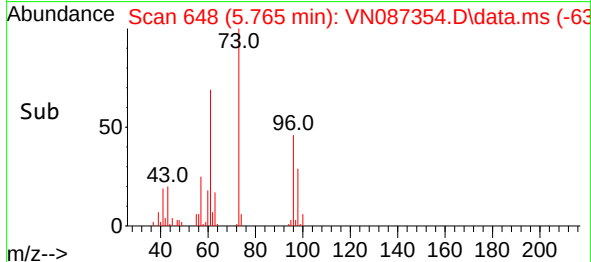
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion: 96 Resp: 5001
Ion Ratio Lower Upper
96 100
61 145.7 110.3 165.5
98 61.6 51.6 77.4

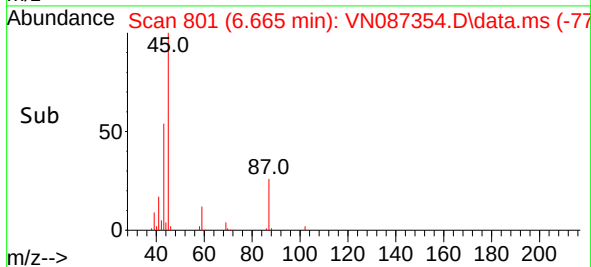
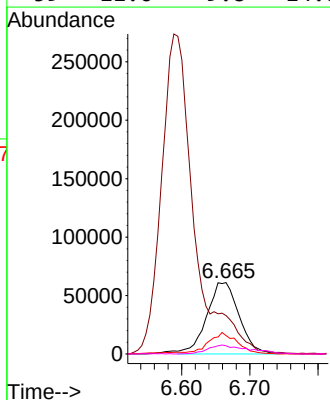
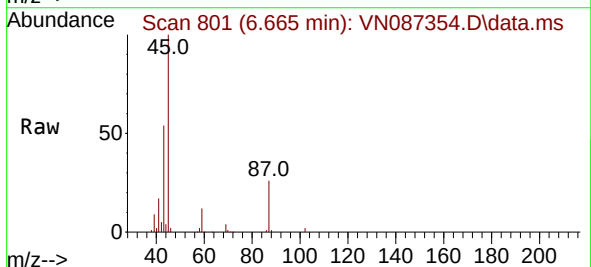
Manual Integrations
APPROVED

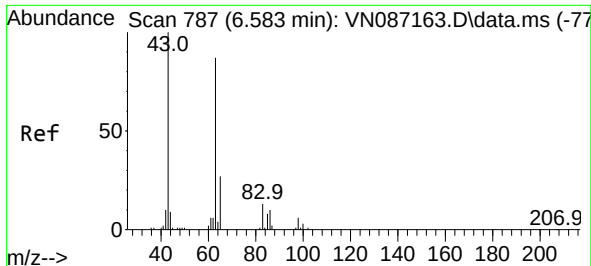
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#20
Diisopropyl ether
Concen: 19.919 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

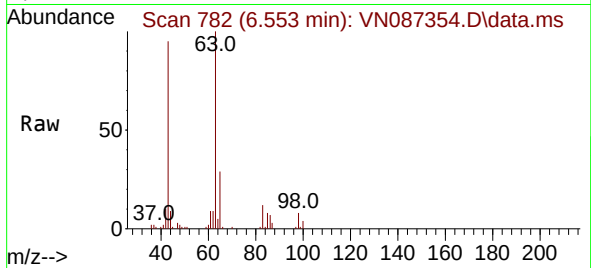
Tgt Ion: 45 Resp: 200651
Ion Ratio Lower Upper
45 100
43 51.9 45.3 67.9
87 26.0 22.6 33.8
59 11.6 9.8 14.8





#21
1,1-Dichloroethane
Concen: 18.011 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.029 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

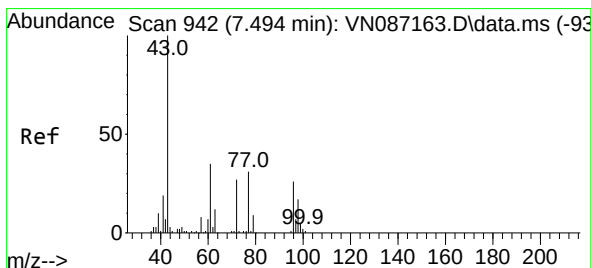
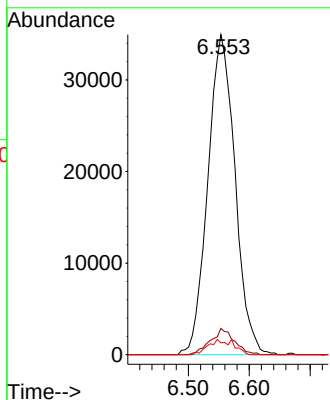
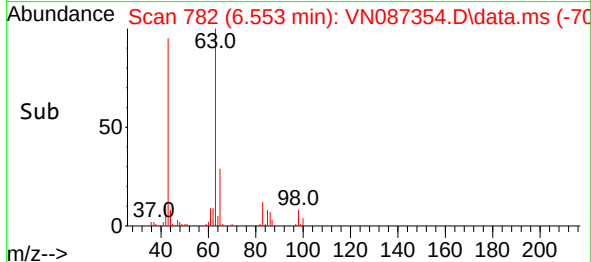
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion: 63 Resp: 108440
Ion Ratio Lower Upper
63 100
98 8.2 3.5 10.4
100 3.7 2.0 5.8

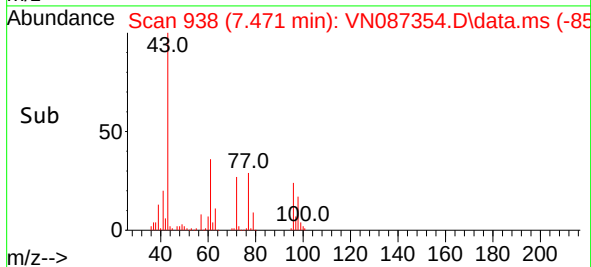
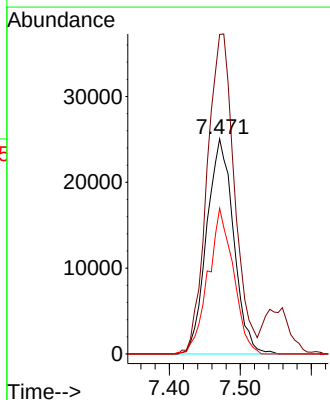
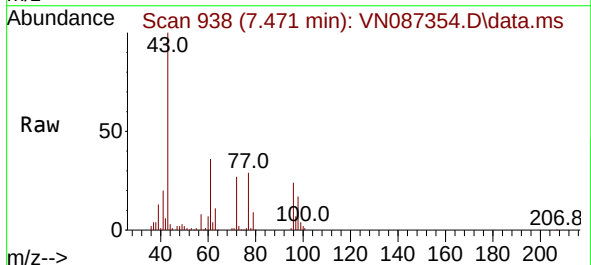
Manual Integrations
APPROVED

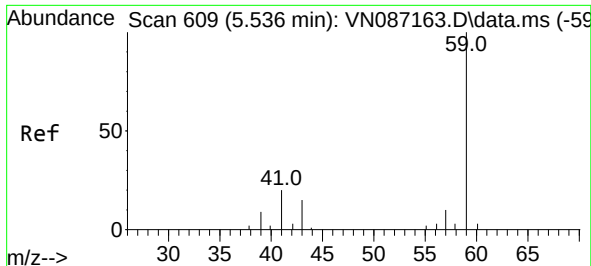
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#22
cis-1,2-Dichloroethene
Concen: 18.014 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

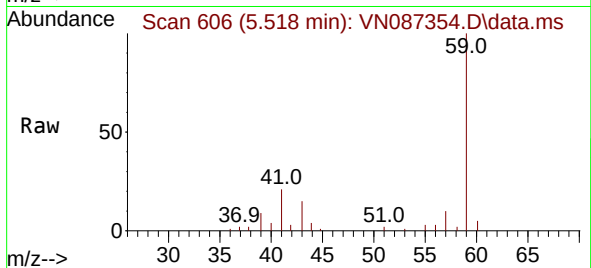
Tgt Ion: 96 Resp: 66003
Ion Ratio Lower Upper
96 100
61 151.2 119.2 178.8
98 63.3 50.6 75.8





#23
tert-Butyl Alcohol
Concen: 89.457 ug/l
RT: 5.518 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

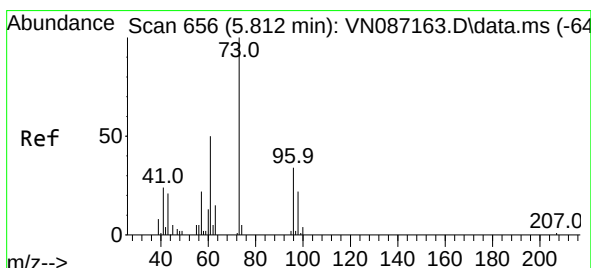
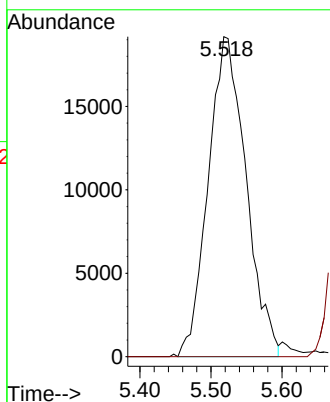
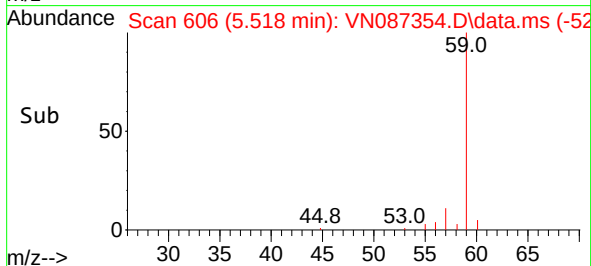
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion: 59 Resp: 70858
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

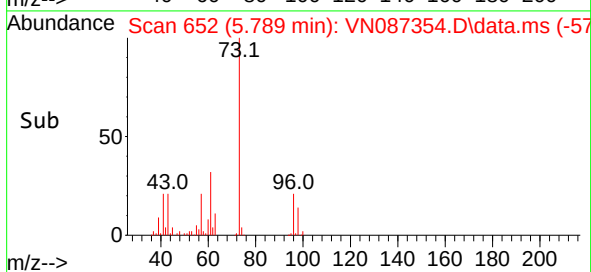
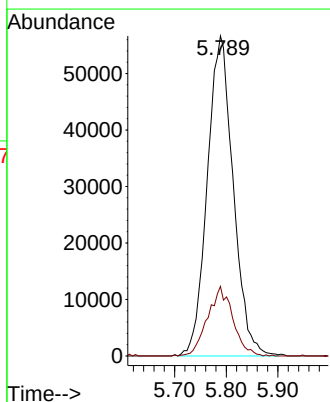
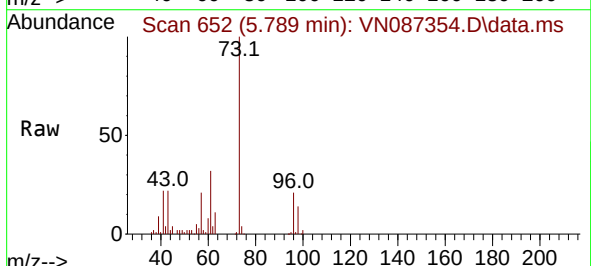
Manual Integrations
APPROVED

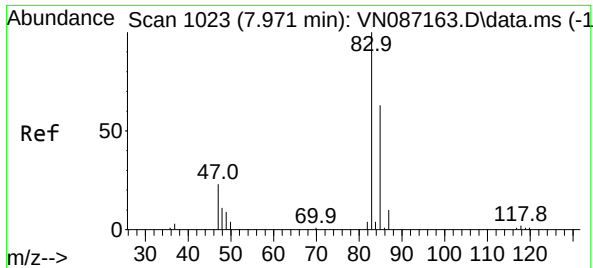
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#24
Methyl tert-Butyl Ether
Concen: 19.572 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

Tgt Ion: 73 Resp: 197607
Ion Ratio Lower Upper
73 100
43 13.5 16.4 24.6#





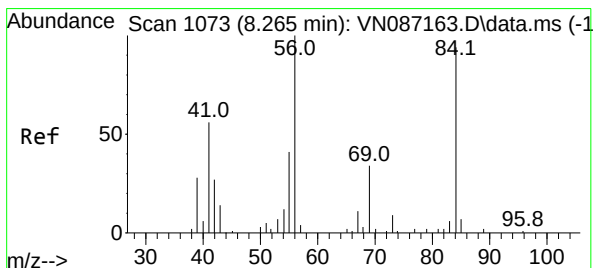
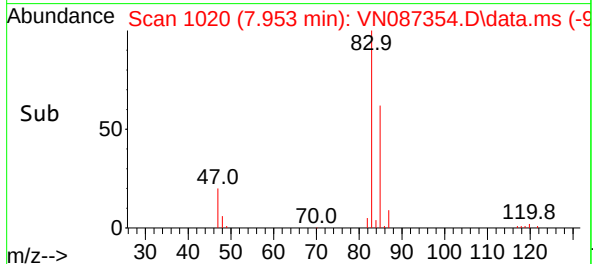
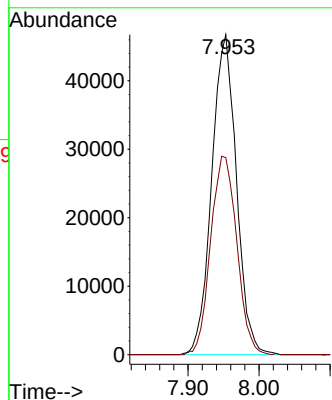
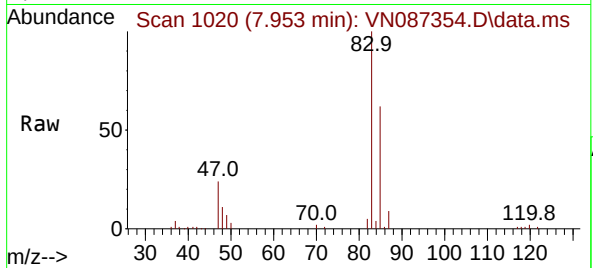
#25
Chloroform
Concen: 19.558 ug/l
RT: 7.953 min Scan# 1069
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tgt Ion: 83 Resp: 112809
Ion Ratio Lower Upper
83 100
85 61.6 50.7 76.1

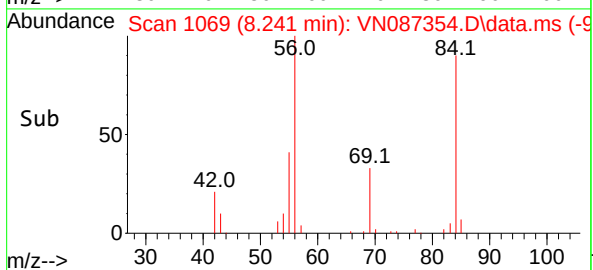
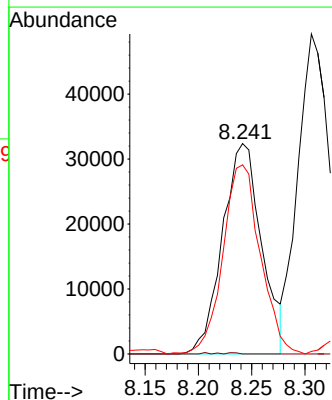
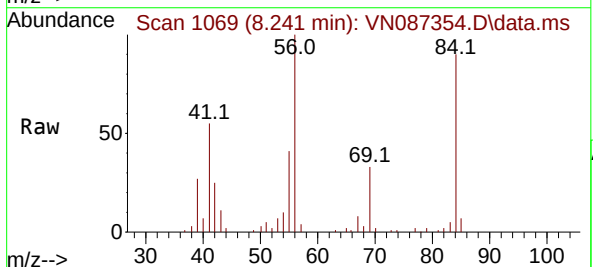
Manual Integrations
APPROVED

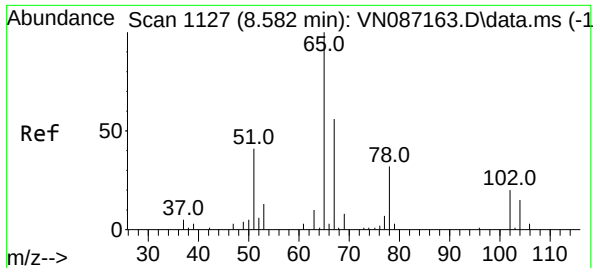
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#26
Cyclohexane
Concen: 16.510 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

Tgt Ion: 56 Resp: 82625
Ion Ratio Lower Upper
56 100
89 0.2 6.9 10.3#
84 85.8 69.1 103.7





#27

1,2-Dichloroethane-d4

Concen: 31.258 ug/l

RT: 8.565 min Scan# 11192

Delta R.T. -0.018 min

Lab File: VN087354.D

Acq: 18 Jul 2025 09:49

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS01

Tgt Ion: 65 Resp: 11192

Ion Ratio Lower Upper

65 100

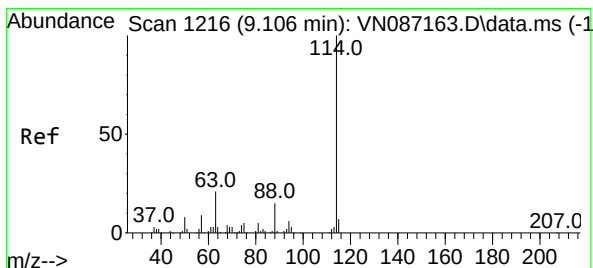
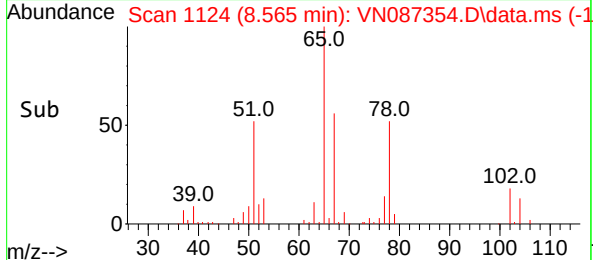
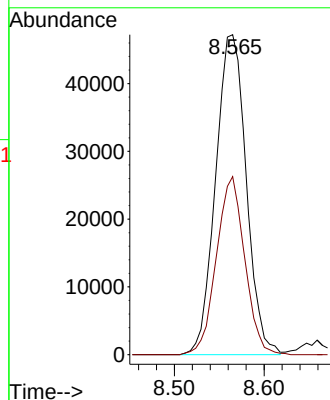
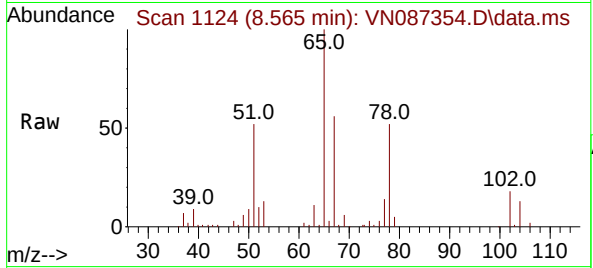
67 51.5 41.9 62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.023 min

Lab File: VN087354.D

Acq: 18 Jul 2025 09:49

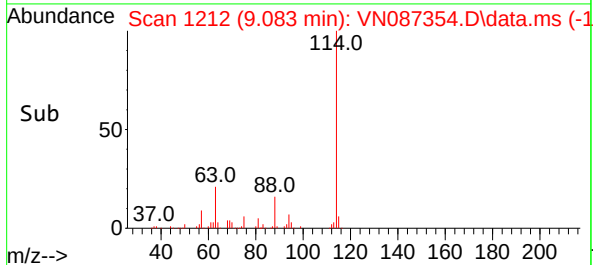
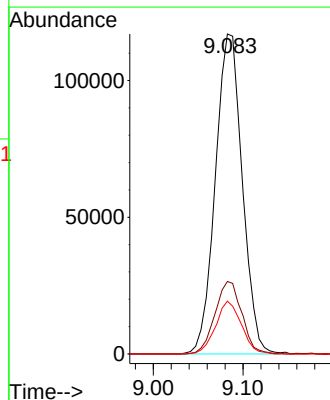
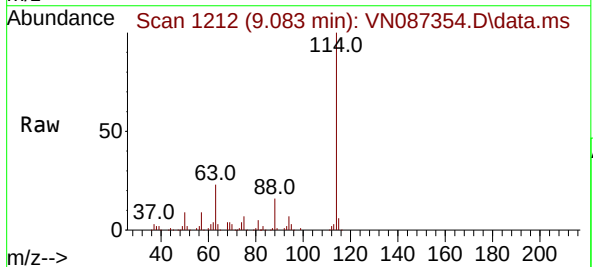
Tgt Ion:114 Resp: 244435

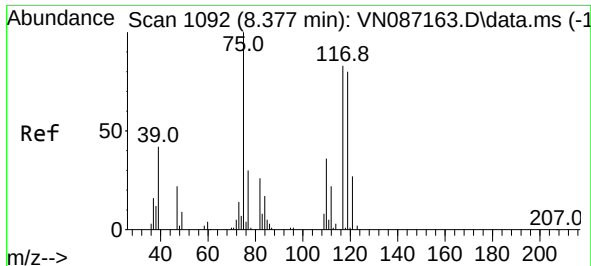
Ion Ratio Lower Upper

114 100

63 22.6 17.0 25.4

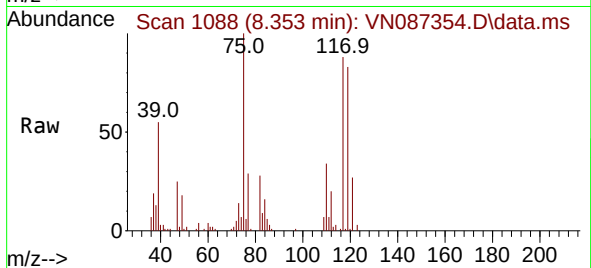
88 15.7 12.6 19.0





#29
1,1-Dichloropropene
Concen: 19.322 ug/l
RT: 8.353 min Scan# 1092
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

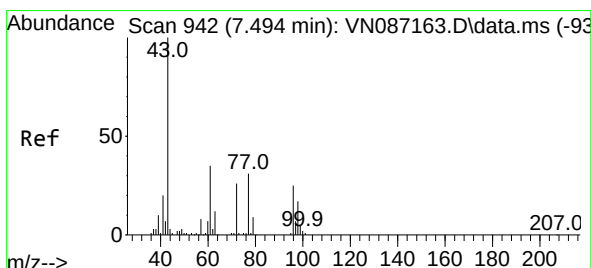
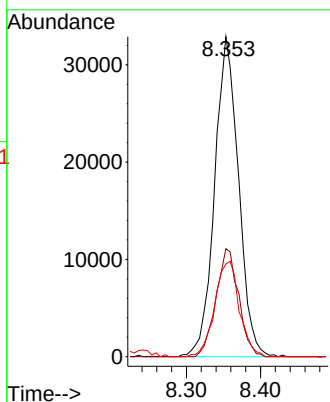
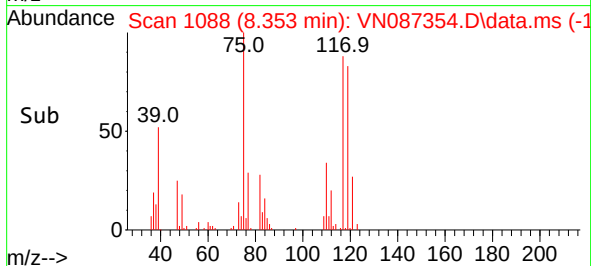
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion: 75 Resp: 73612
Ion Ratio Lower Upper
75 100
110 32.0 0.0 69.2
77 30.7 0.0 61.8

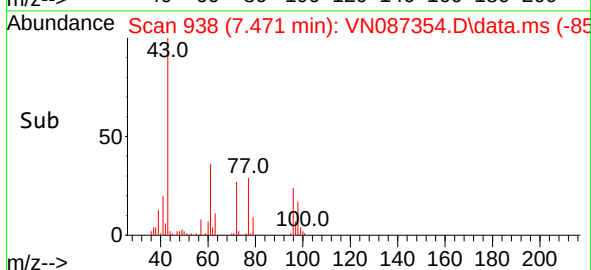
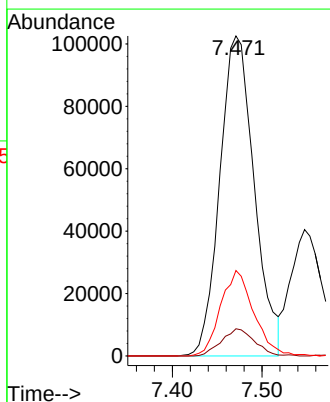
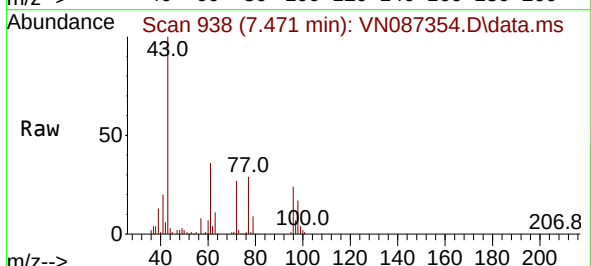
Manual Integrations
APPROVED

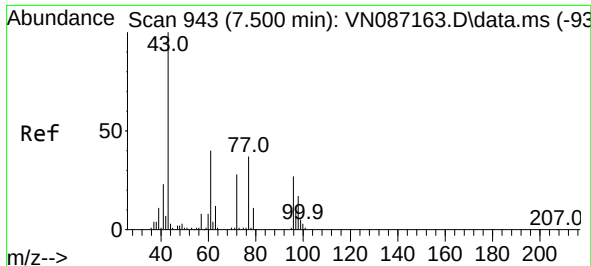
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#30
2-Butanone
Concen: 106.594 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

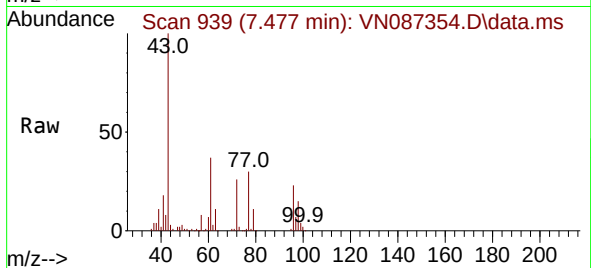
Tgt Ion: 43 Resp: 273944
Ion Ratio Lower Upper
43 100
57 8.1 6.3 9.5
72 25.5 21.8 32.6





#31
2,2-Dichloropropane
Concen: 19.292 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

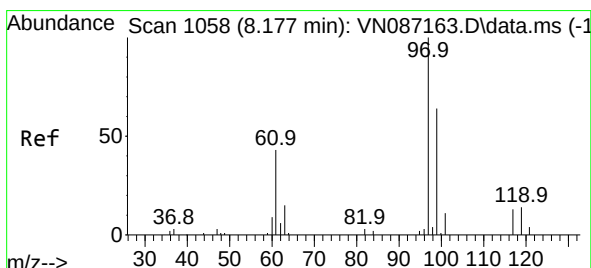
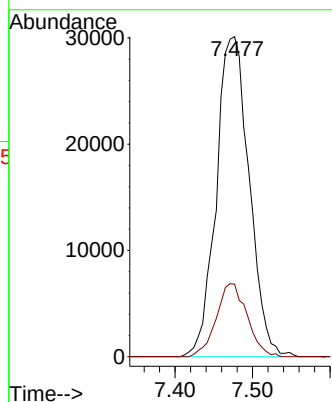
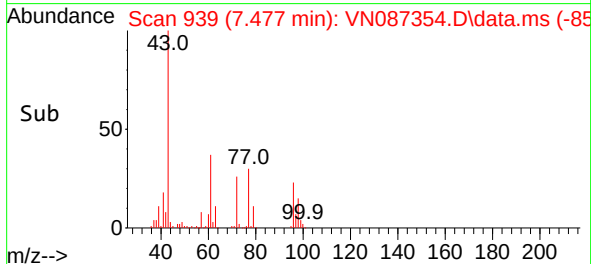
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



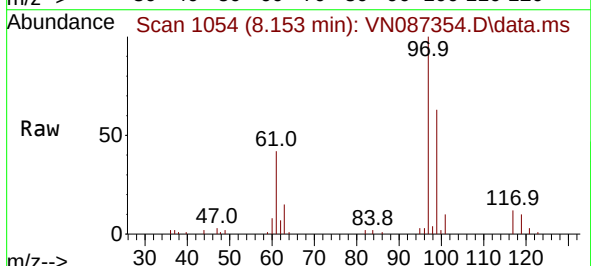
Tgt Ion: 77 Resp: 8872
Ion Ratio Lower Upper
77 100
97 21.4 18.4 27.6

Manual Integrations
APPROVED

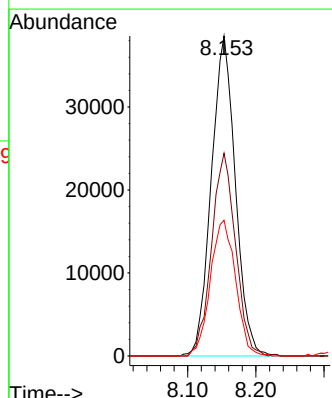
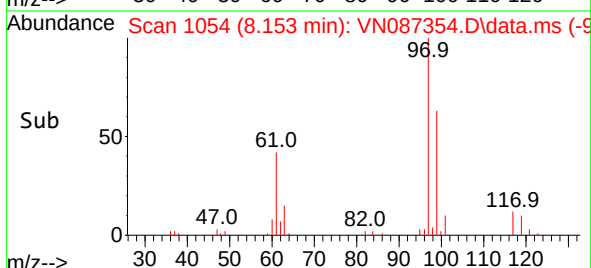
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

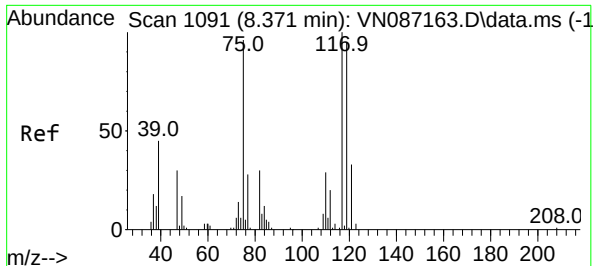


#32
1,1,1-Trichloroethane
Concen: 21.291 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49



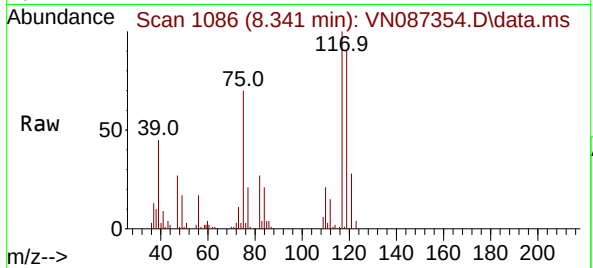
Tgt Ion: 97 Resp: 94766
Ion Ratio Lower Upper
97 100
99 63.1 50.8 76.2
61 44.3 36.1 54.1





#33
Carbon Tetrachloride
Concen: 21.324 ug/l
RT: 8.341 min Scan# 1091
Delta R.T. -0.029 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

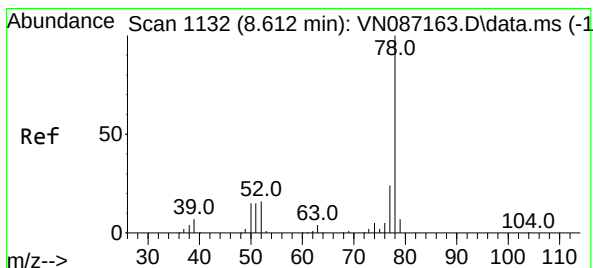
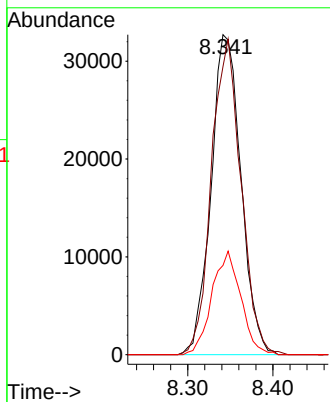
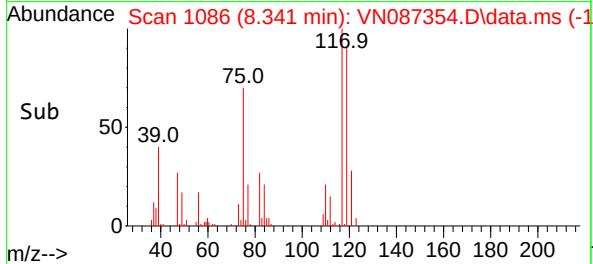
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion: 117 Resp: 7987
Ion Ratio Lower Upper
117 100
119 90.0 75.8 113.6
121 27.9 26.2 39.4

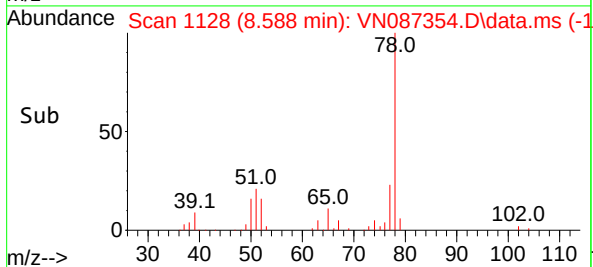
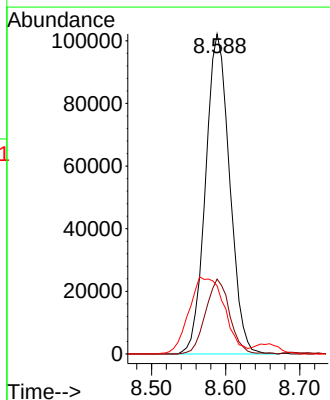
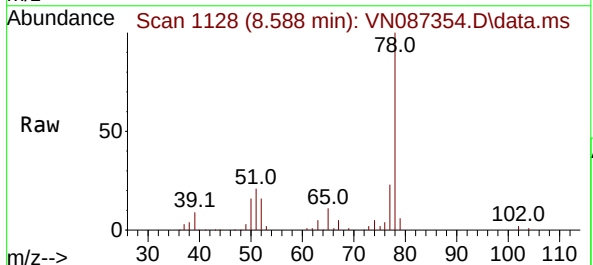
Manual Integrations
APPROVED

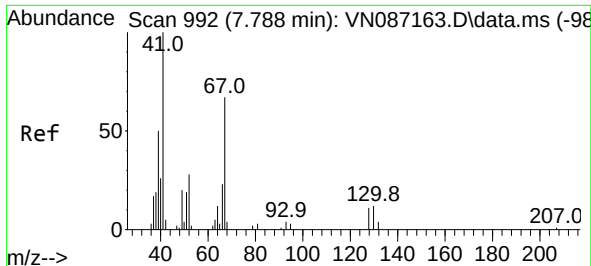
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#34
Benzene
Concen: 19.101 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

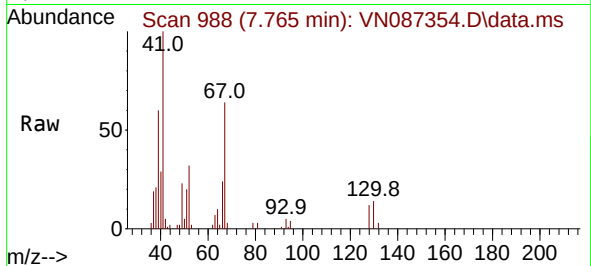
Tgt Ion: 78 Resp: 230543
Ion Ratio Lower Upper
78 100
77 23.4 19.5 29.3
51 19.0 14.8 22.2





#35
Methacrylonitrile
Concen: 20.992 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

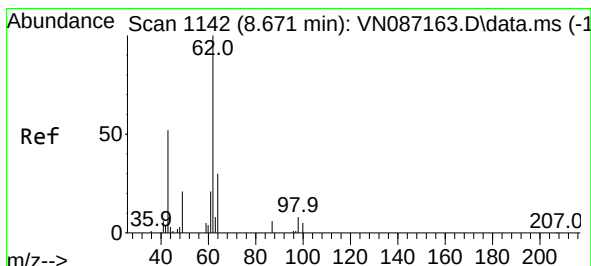
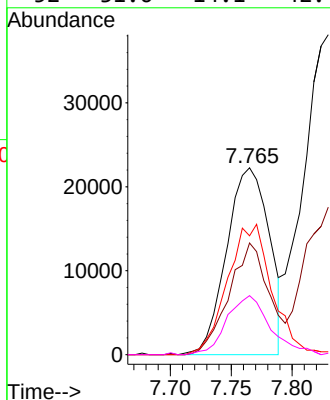
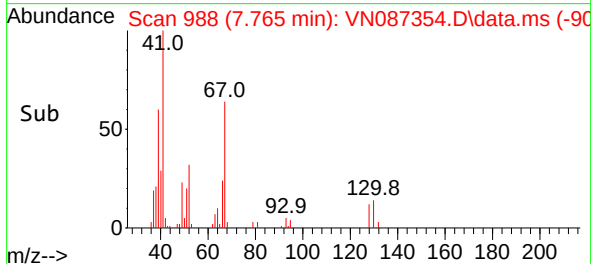
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion: 41 Resp: 54370
Ion Ratio Lower Upper
41 100
39 59.7 24.4 73.2
67 63.6 33.3 99.8
52 31.6 14.1 42.4

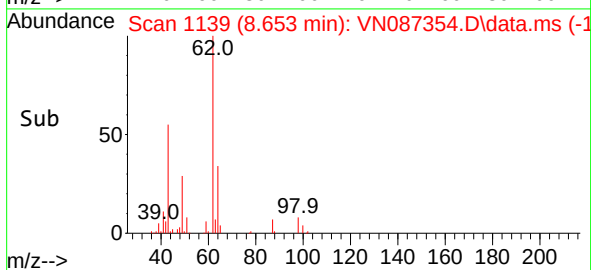
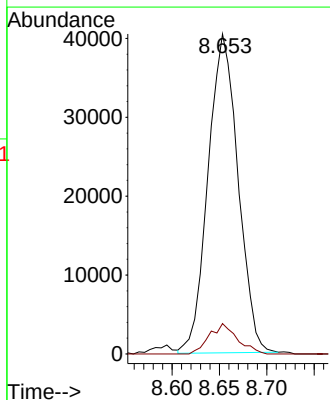
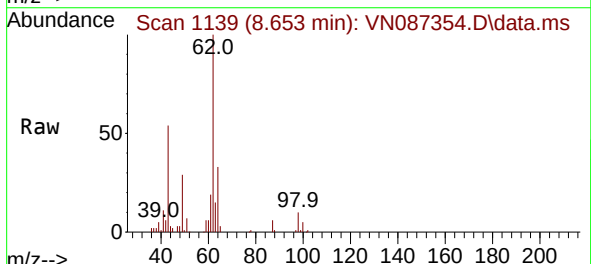
Manual Integrations
APPROVED

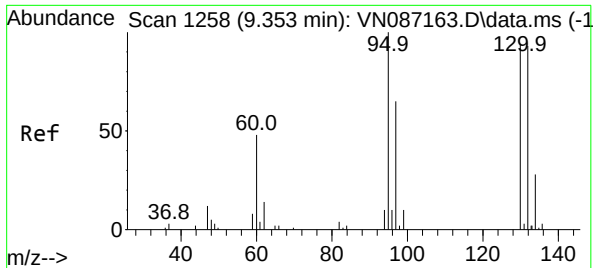
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#36
1,2-Dichloroethane
Concen: 22.847 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

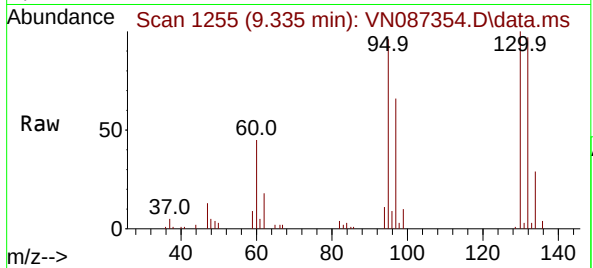
Tgt Ion: 62 Resp: 89095
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8





#37
Trichloroethene
Concen: 19.476 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

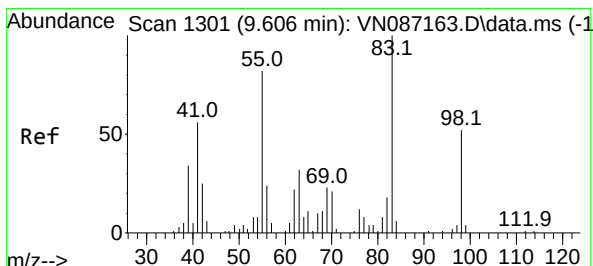
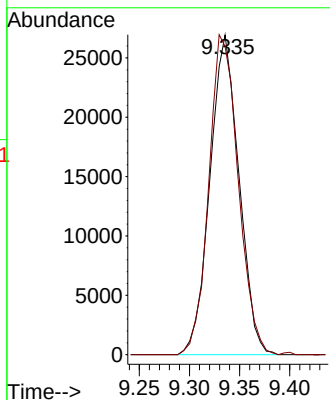
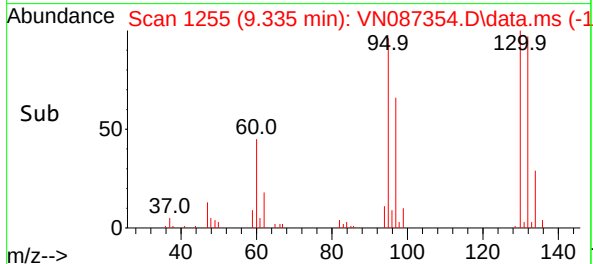
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



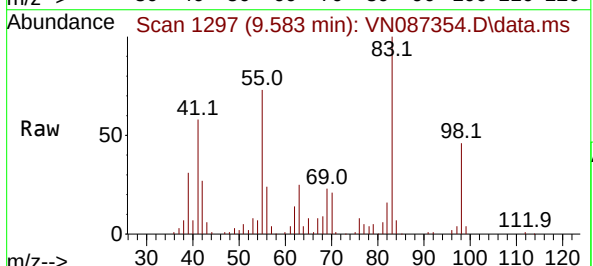
Tgt Ion:130 Resp: 5422
Ion Ratio Lower Upper
130 100
95 96.5 85.3 127.9

Manual Integrations
APPROVED

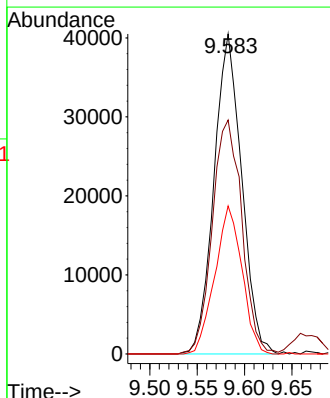
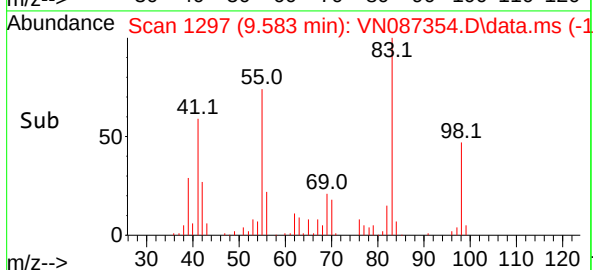
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

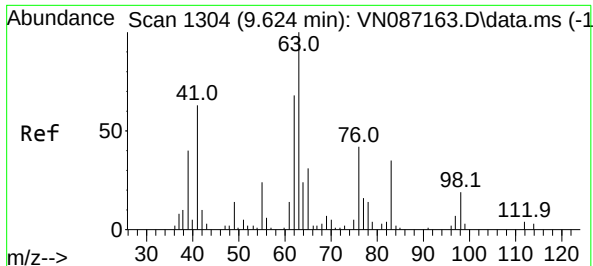


#38
Methylcyclohexane
Concen: 18.822 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49



Tgt Ion: 83 Resp: 82279
Ion Ratio Lower Upper
83 100
55 77.9 40.1 120.2
98 45.4 24.4 73.2





#39

1,2-Dichloropropane

Concen: 20.380 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.023 min

Lab File: VN087354.D

Acq: 18 Jul 2025 09:49

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS01

Tgt Ion: 63 Resp: 6174

Ion Ratio Lower Upper

63 100

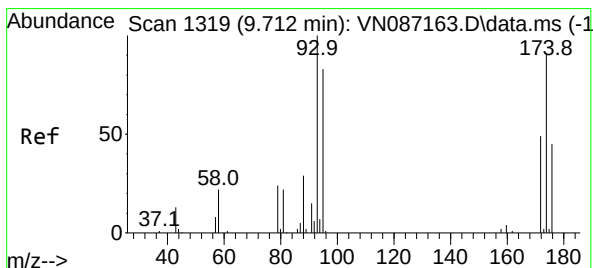
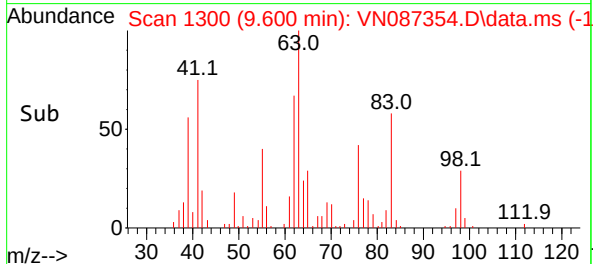
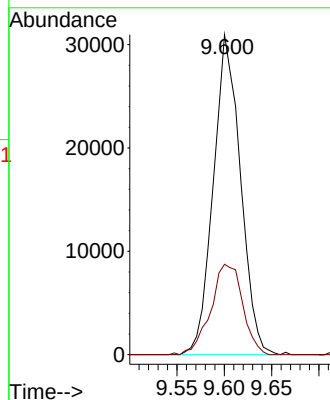
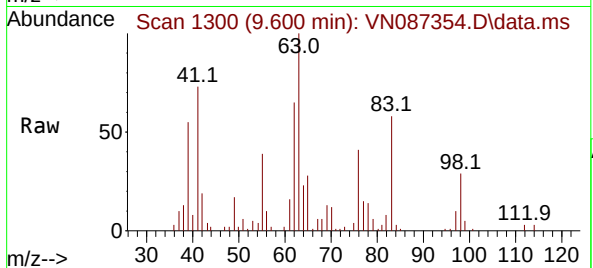
65 28.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#40

Dibromomethane

Concen: 21.678 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.023 min

Lab File: VN087354.D

Acq: 18 Jul 2025 09:49

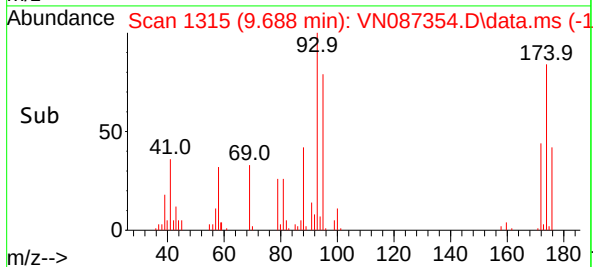
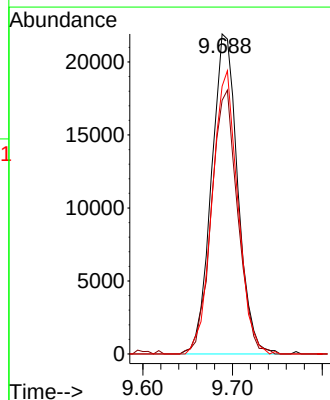
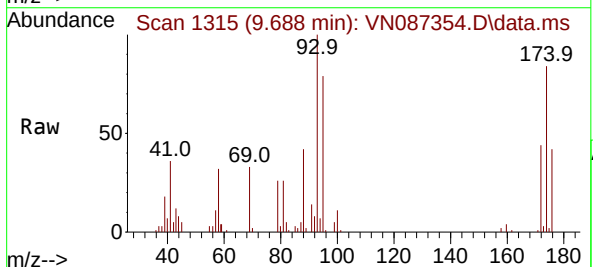
Tgt Ion: 93 Resp: 44656

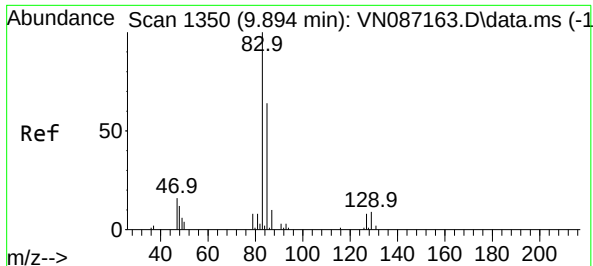
Ion Ratio Lower Upper

93 100

95 82.2 0.0 170.8

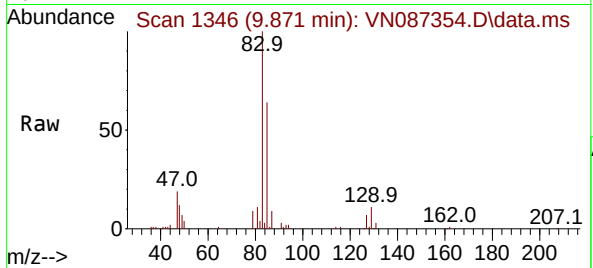
174 86.0 0.0 176.6





#41
Bromodichloromethane
Concen: 21.751 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

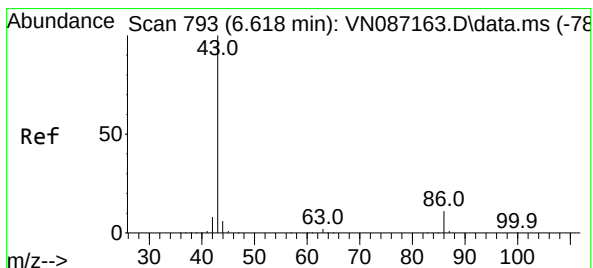
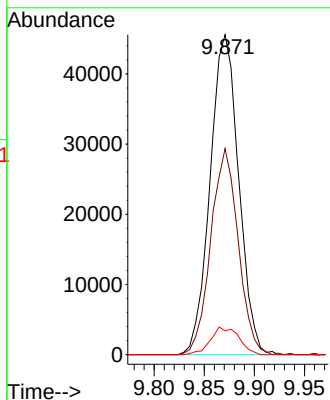
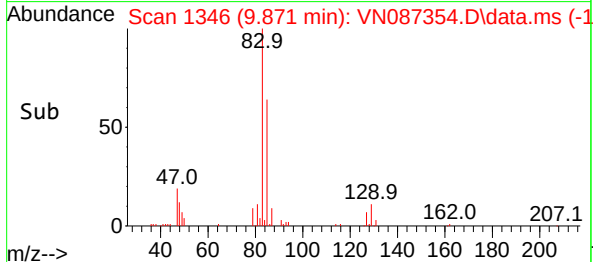
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion: 83 Resp: 90440
Ion Ratio Lower Upper
83 100
85 64.4 51.4 77.2
127 7.4 6.1 9.1

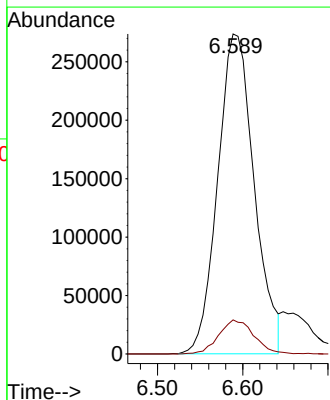
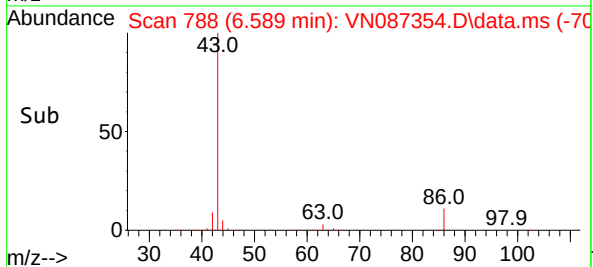
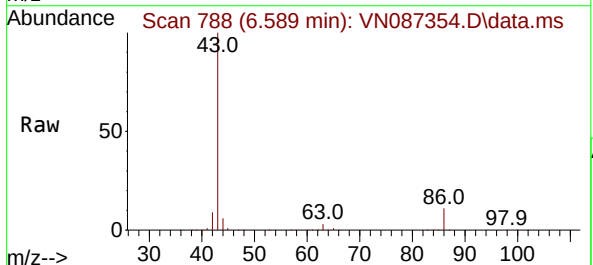
Manual Integrations
APPROVED

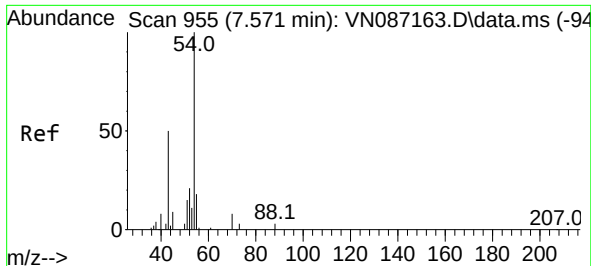
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#42
Vinyl Acetate
Concen: 97.423 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.029 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

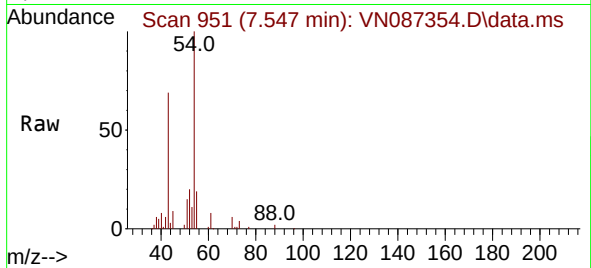
Tgt Ion: 43 Resp: 814344
Ion Ratio Lower Upper
43 100
86 10.3 7.7 11.5





#43
Ethyl Acetate
Concen: 22.546 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

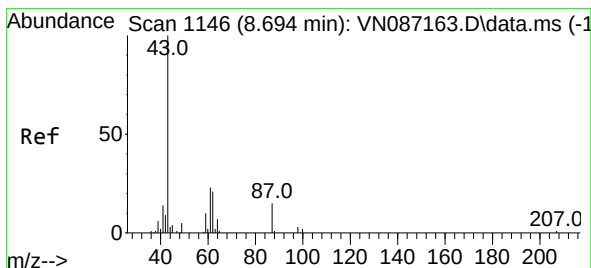
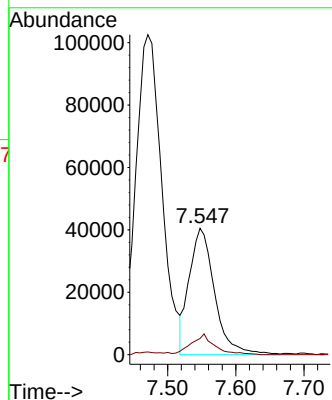
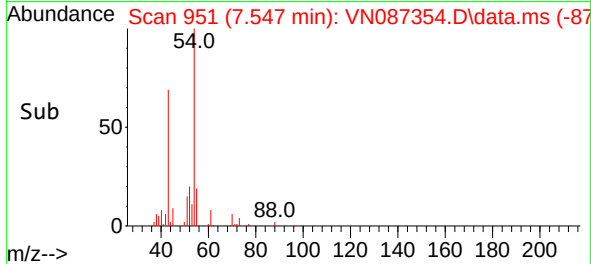
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion: 43 Resp: 104599
Ion Ratio Lower Upper
43 100
45 14.9 11.5 17.3

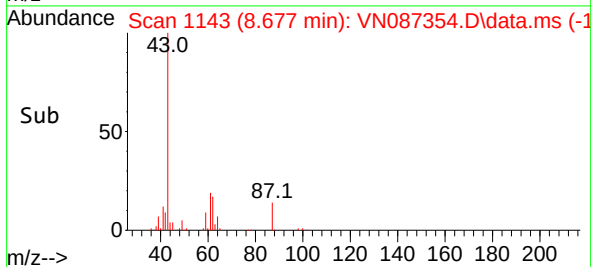
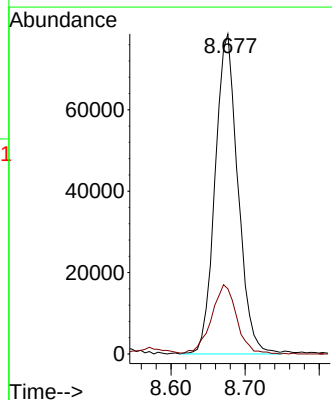
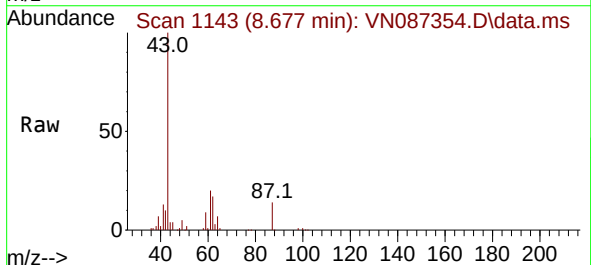
Manual Integrations
APPROVED

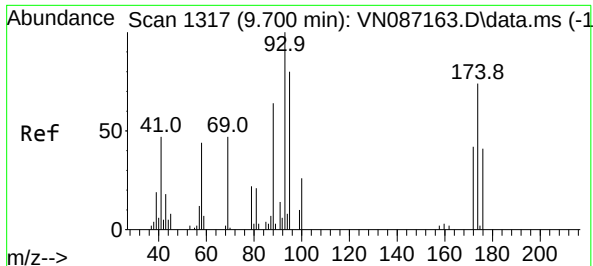
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#44
Isopropyl Acetate
Concen: 22.268 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

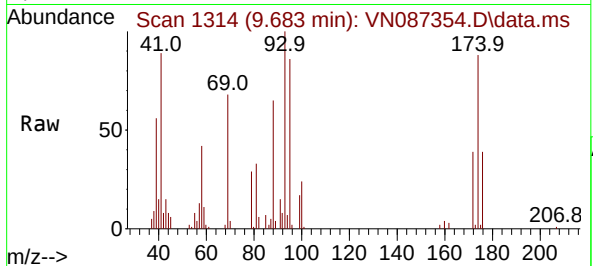
Tgt Ion: 43 Resp: 168318
Ion Ratio Lower Upper
43 100
61 24.0 20.5 30.7





#45
1,4-Dioxane
Concen: 437.982 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

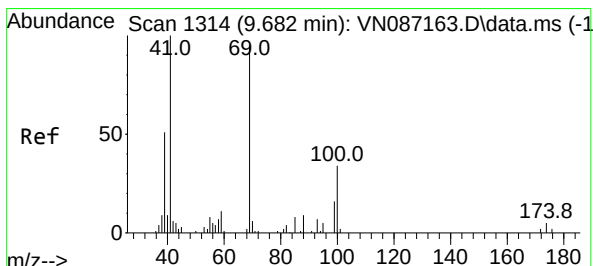
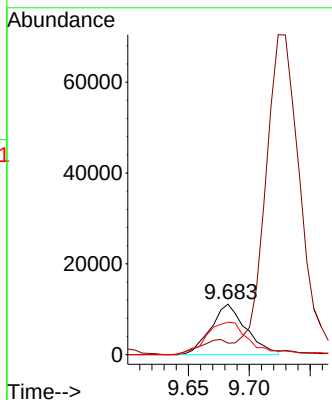
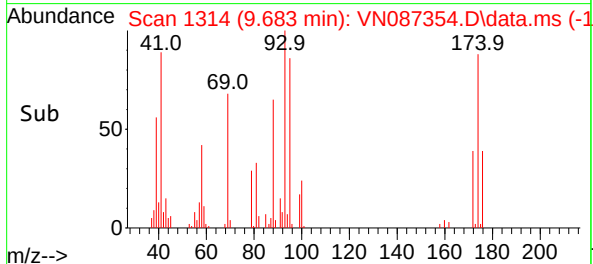
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



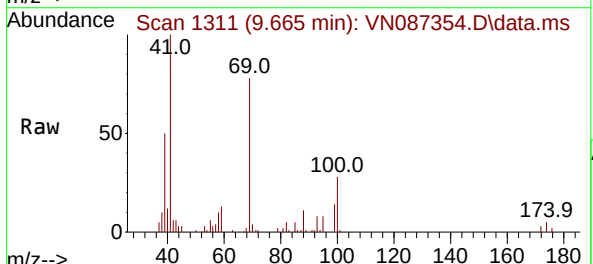
Tgt Ion: 88 Resp: 2239
Ion Ratio Lower Upper
88 100
43 24.3 21.3 31.9
58 73.9 61.7 92.5

Manual Integrations
APPROVED

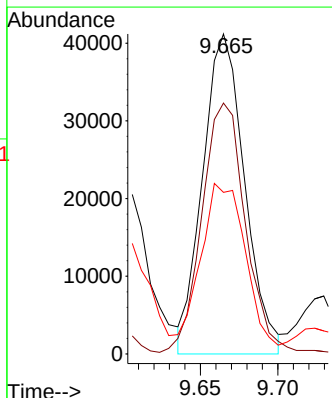
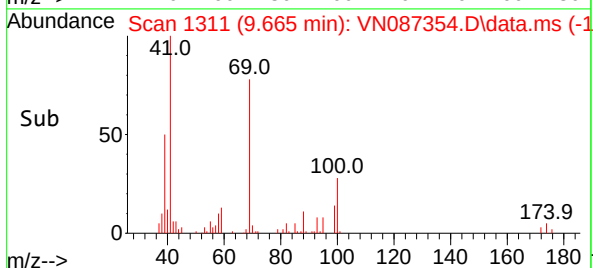
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

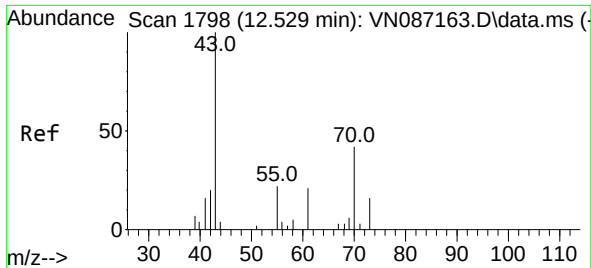


#46
Methyl methacrylate
Concen: 22.032 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49



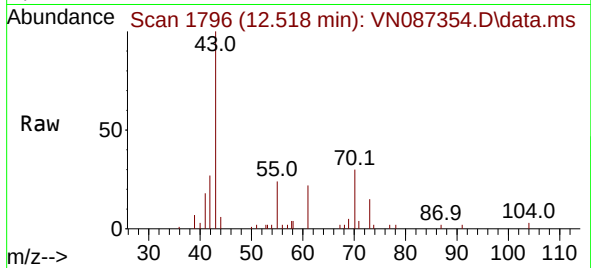
Tgt Ion: 41 Resp: 77417
Ion Ratio Lower Upper
41 100
69 79.3 45.6 136.9
39 50.9 26.2 78.5





#47
n-amy1 Acetate
Concen: 22.346 ug/l m
RT: 12.518 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

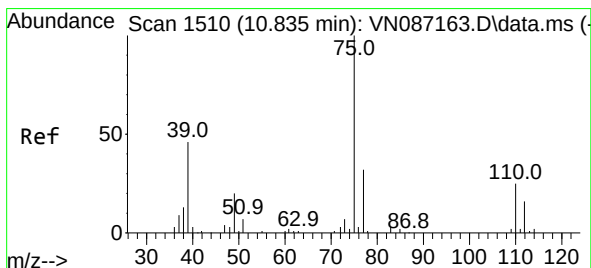
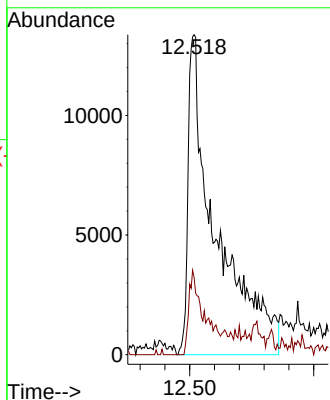
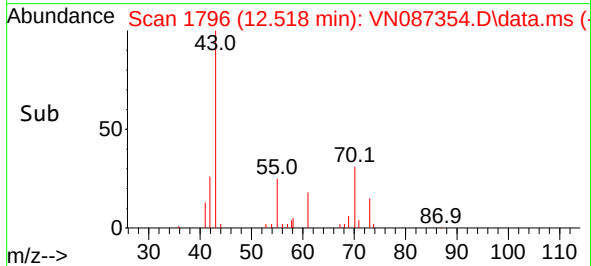
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion: 43 Resp: 10326
Ion Ratio Lower Upper
43 100
55 7.0 0.0 0.0

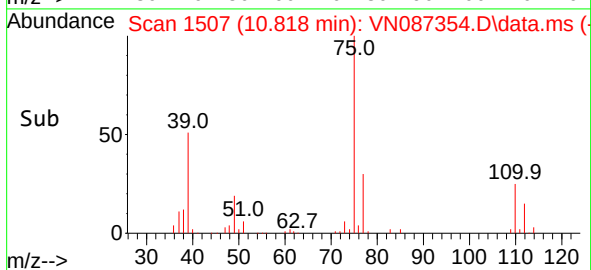
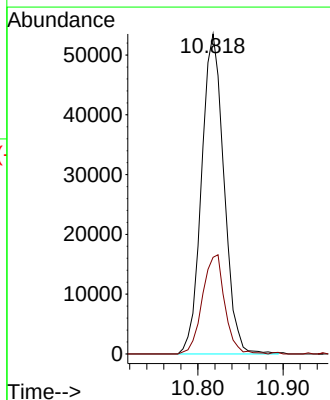
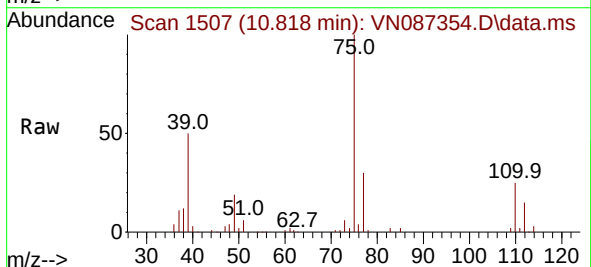
Manual Integrations
APPROVED

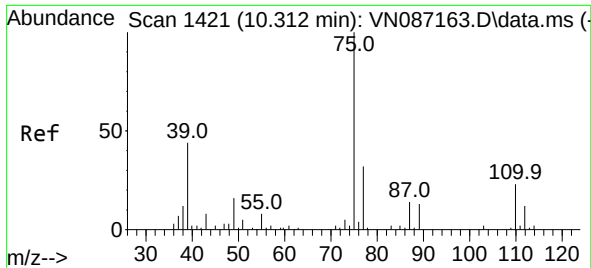
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#48
t-1,3-Dichloropropene
Concen: 21.105 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

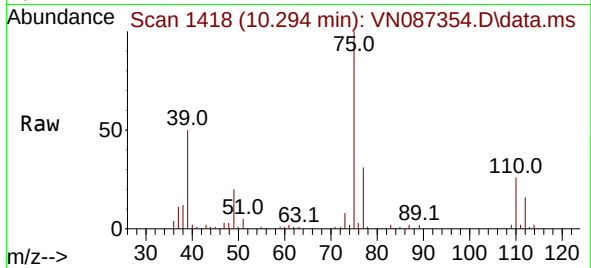
Tgt Ion: 75 Resp: 97826
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0





#49
 cis-1,3-Dichloropropene
 Concen: 19.992 ug/l
 RT: 10.294 min Scan# 1421
 Delta R.T. -0.018 min
 Lab File: VN087354.D
 Acq: 18 Jul 2025 09:49

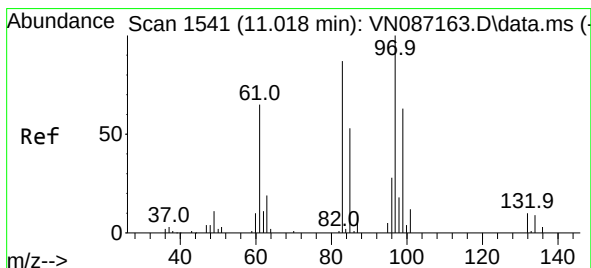
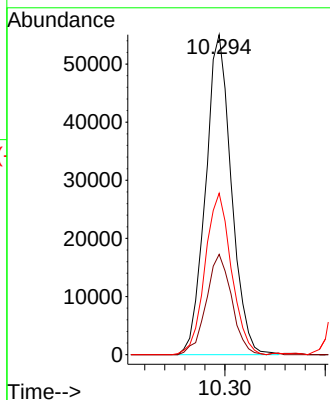
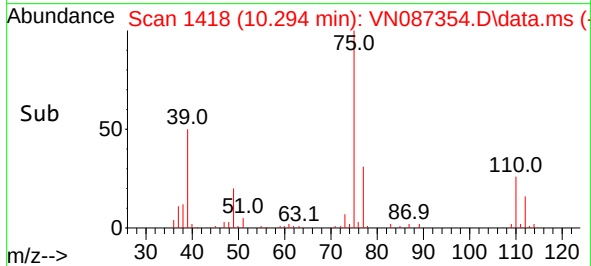
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01



Tgt Ion: 75 Resp: 98514
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2
 39 50.1 35.3 52.9

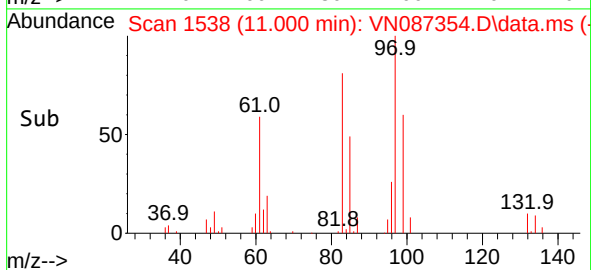
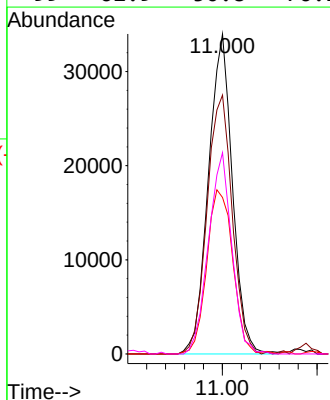
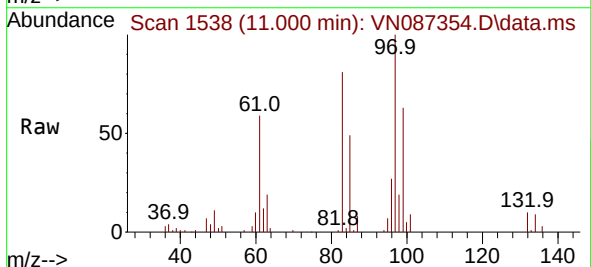
Manual Integrations
 APPROVED

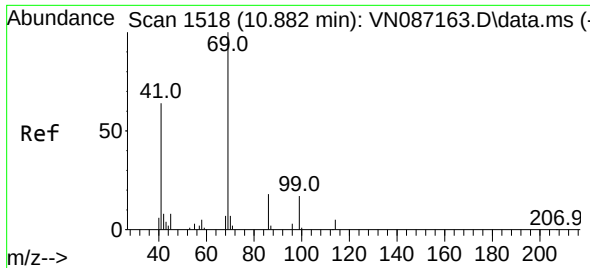
Reviewed By :John Carlone 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#50
 1,1,2-Trichloroethane
 Concen: 20.422 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. -0.018 min
 Lab File: VN087354.D
 Acq: 18 Jul 2025 09:49

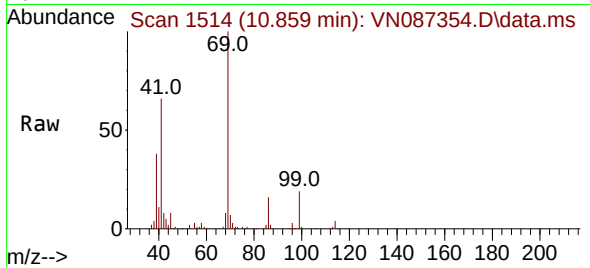
Tgt Ion: 97 Resp: 59759
 Ion Ratio Lower Upper
 97 100
 83 80.9 69.6 104.4
 85 48.9 42.0 63.0
 99 62.9 50.8 76.2





#51
Ethyl methacrylate
Concen: 22.333 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

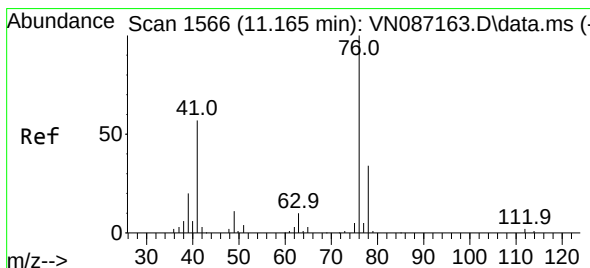
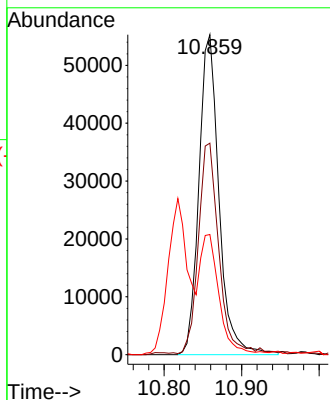
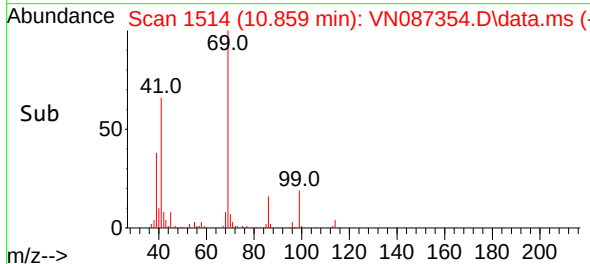
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion: 69 Resp: 99460
Ion Ratio Lower Upper
69 100
41 65.7 31.8 95.3
39 36.4 15.3 45.8

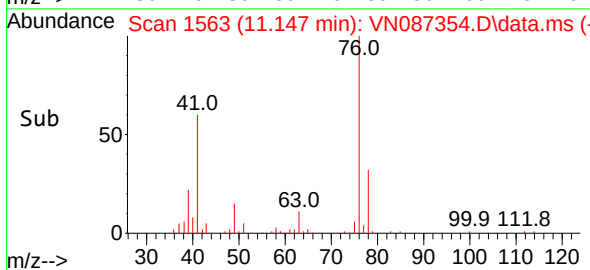
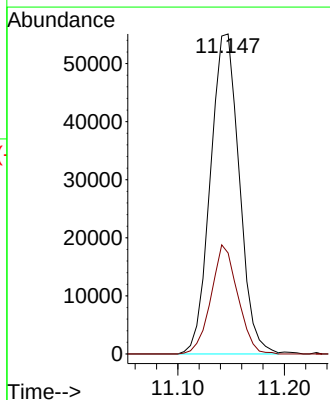
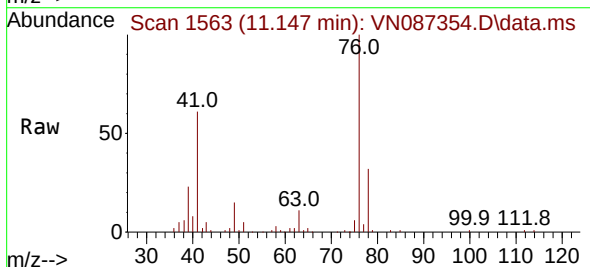
Manual Integrations
APPROVED

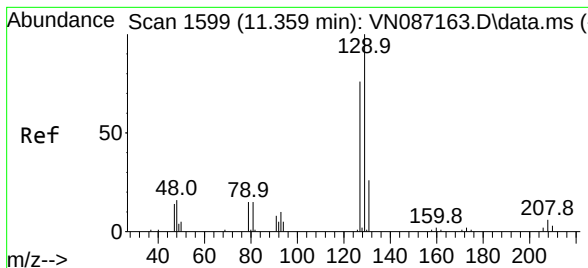
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#52
1,3-Dichloropropane
Concen: 20.670 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

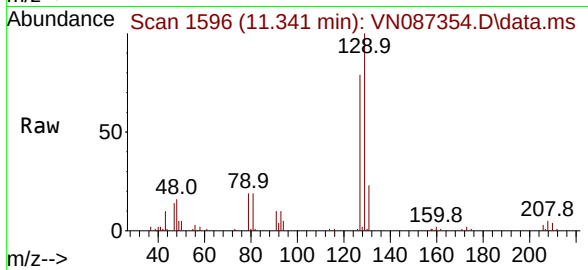
Tgt Ion: 76 Resp: 103837
Ion Ratio Lower Upper
76 100
78 31.5 0.0 63.0





#53
Dibromochloromethane
Concen: 21.663 ug/l
RT: 11.341 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

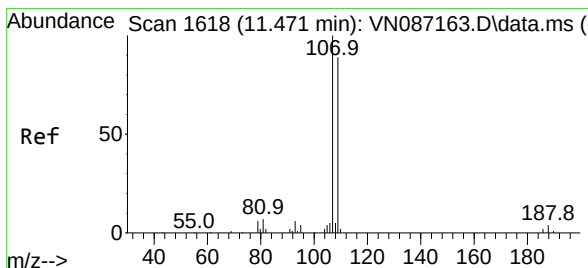
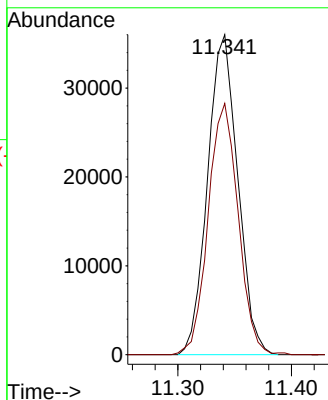
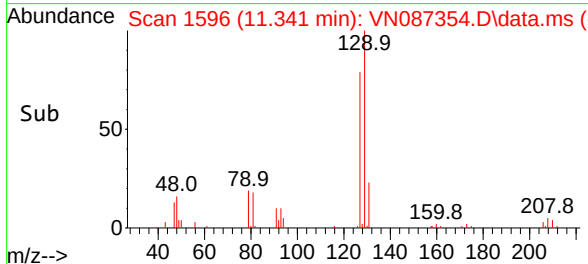
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



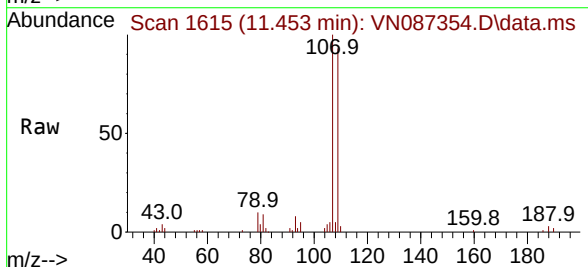
Tgt Ion:129 Resp: 6654
Ion Ratio Lower Upper
129 100
127 77.8 39.6 118.8

Manual Integrations
APPROVED

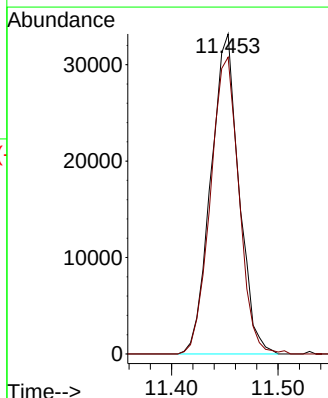
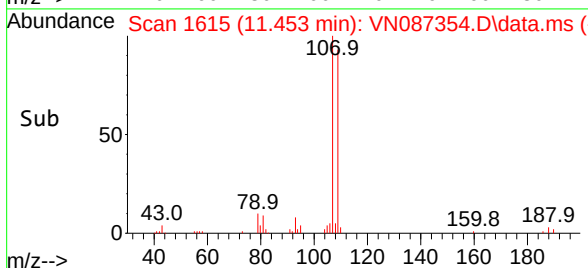
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

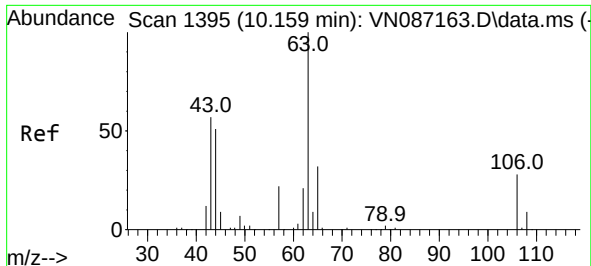


#54
1,2-Dibromoethane
Concen: 20.172 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49



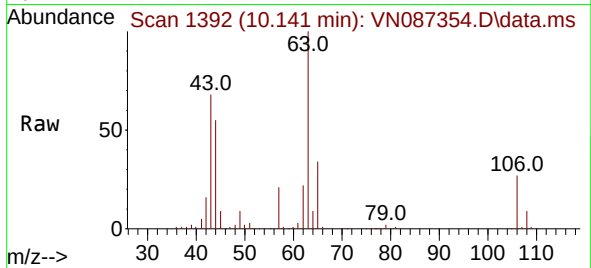
Tgt Ion:107 Resp: 60898
Ion Ratio Lower Upper
107 100
109 93.8 73.5 110.3





#55
2-Chloroethyl vinyl ether
Concen: 98.193 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

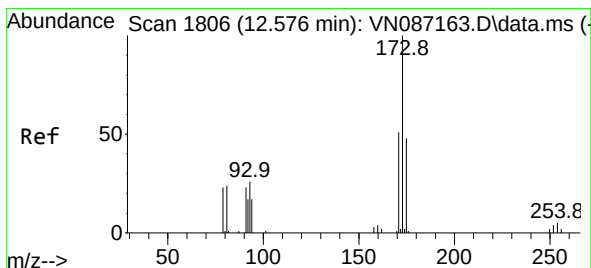
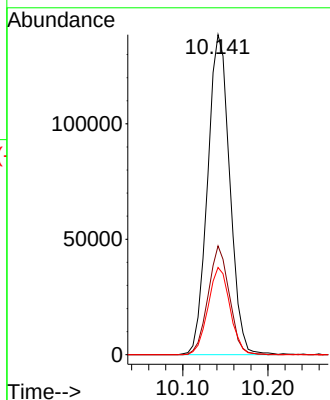
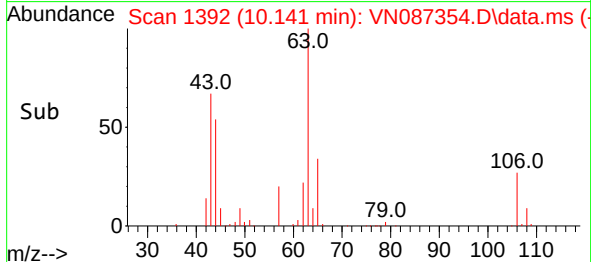
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion: 63 Resp: 250674
Ion Ratio Lower Upper
63 100
65 32.5 25.6 38.4
106 27.0 21.9 32.9

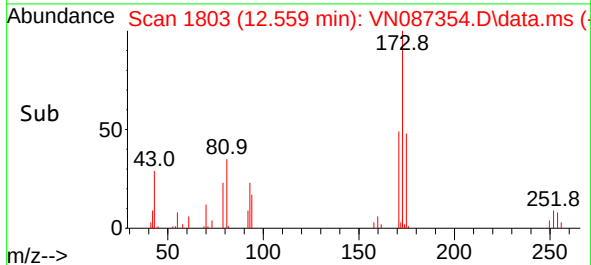
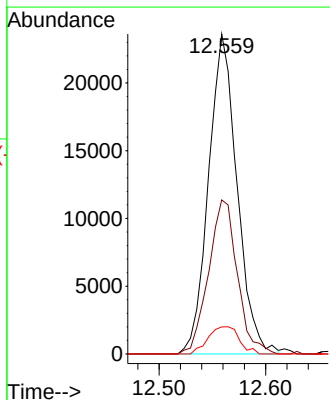
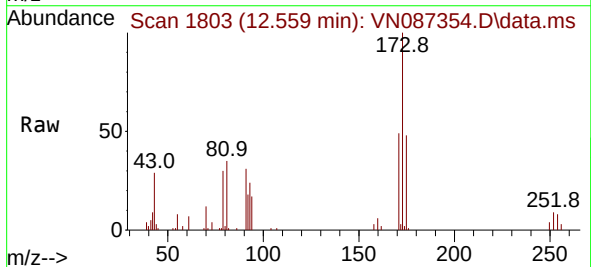
Manual Integrations
APPROVED

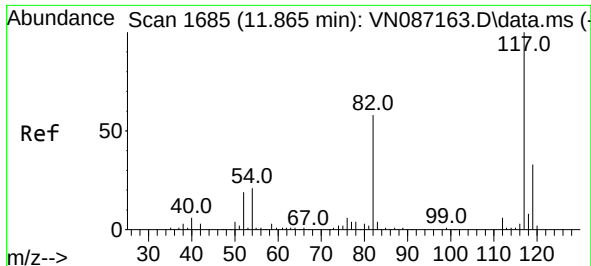
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#56
Bromoform
Concen: 20.766 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

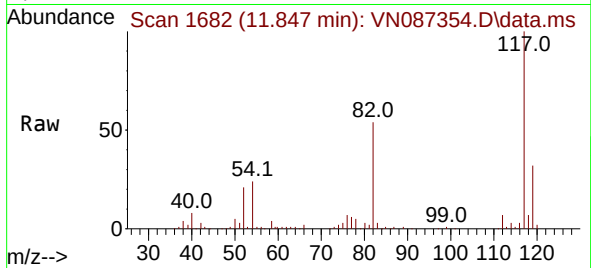
Tgt Ion:173 Resp: 43849
Ion Ratio Lower Upper
173 100
175 48.5 38.7 58.1
254 9.3 4.2 6.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1182
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

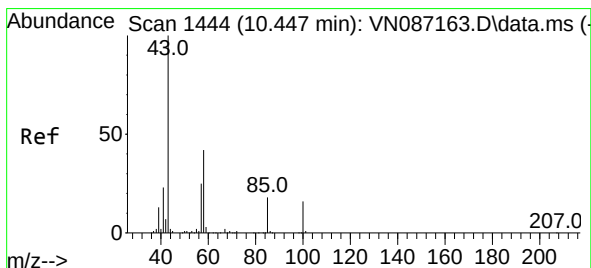
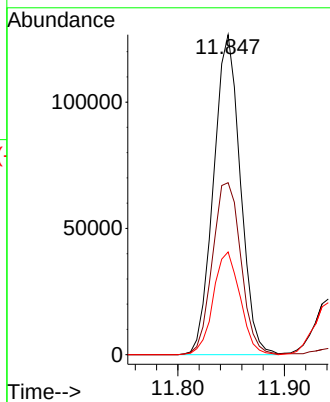
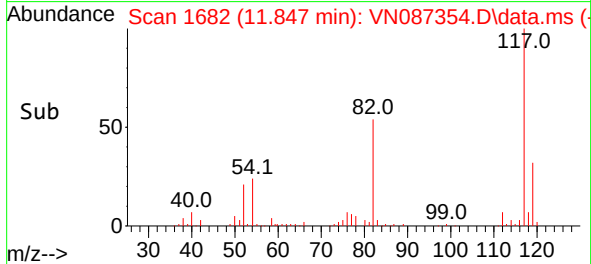
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion:117 Resp: 221298
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 32.3 26.2 39.4

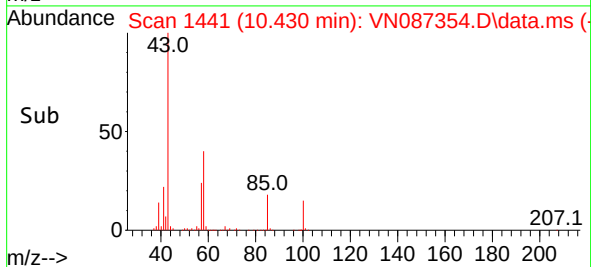
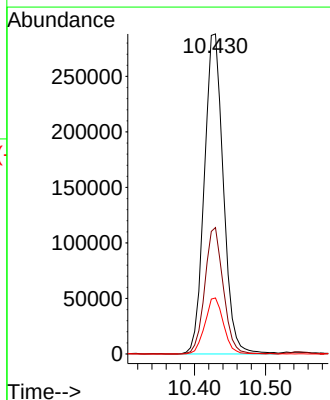
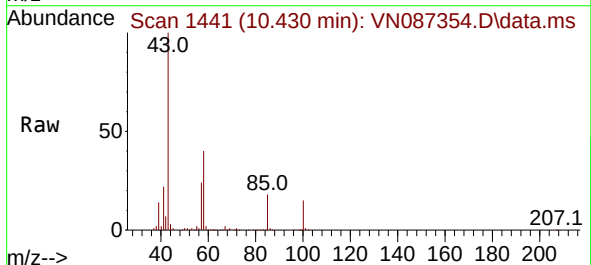
Manual Integrations
APPROVED

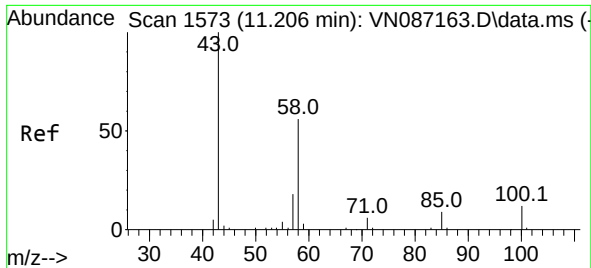
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#58
4-Methyl-2-Pentanone
Concen: 121.008 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

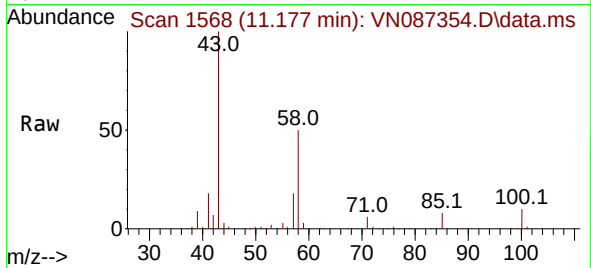
Tgt Ion: 43 Resp: 538352
Ion Ratio Lower Upper
43 100
58 38.4 32.6 49.0
85 17.1 14.6 22.0





#59
2-Hexanone
Concen: 126.726 ug/l
RT: 11.177 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

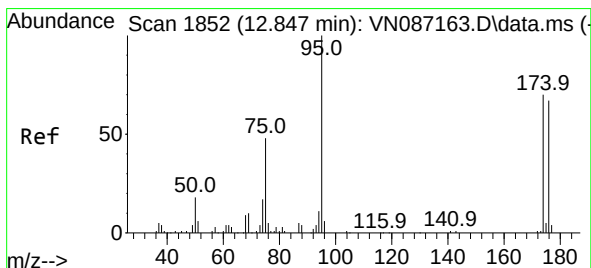
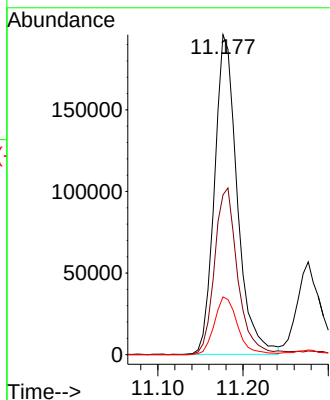
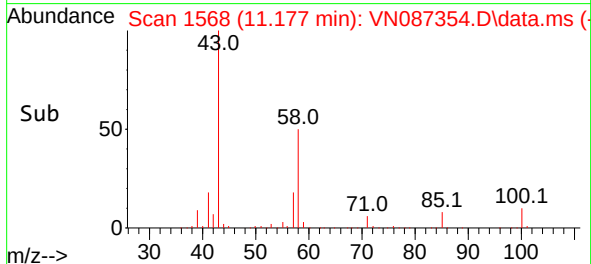
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



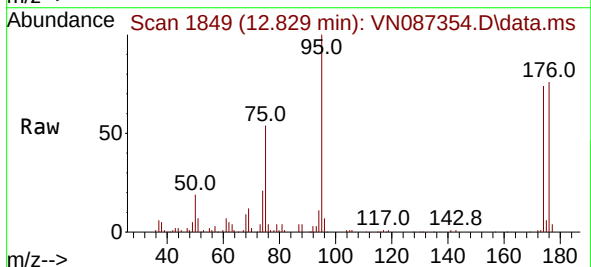
Tgt Ion: 43 Resp: 36405
Ion Ratio Lower Upper
43 100
58 52.6 49.2 73.8
57 18.5 15.3 22.9

Manual Integrations
APPROVED

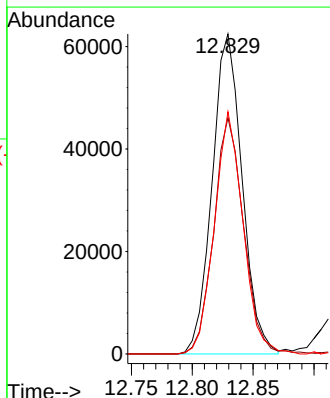
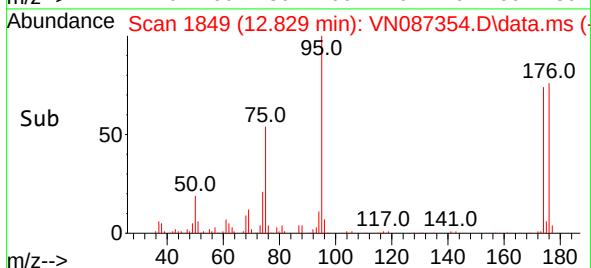
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

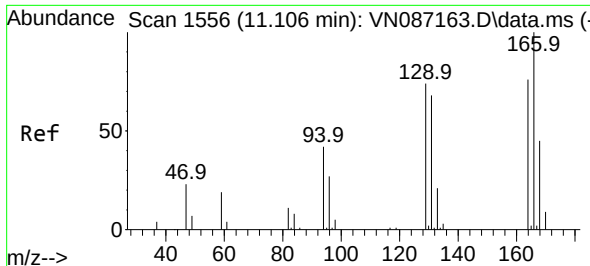


#60
4-Bromofluorobenzene
Concen: 31.385 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49



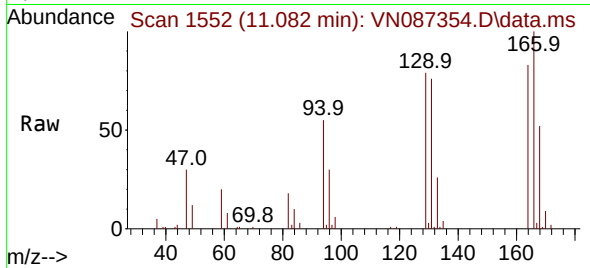
Tgt Ion: 95 Resp: 107177
Ion Ratio Lower Upper
95 100
174 73.6 54.5 81.7
176 72.2 51.9 77.9





#61
Tetrachloroethene
Concen: 19.912 ug/l
RT: 11.082 min Scan# 11082
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

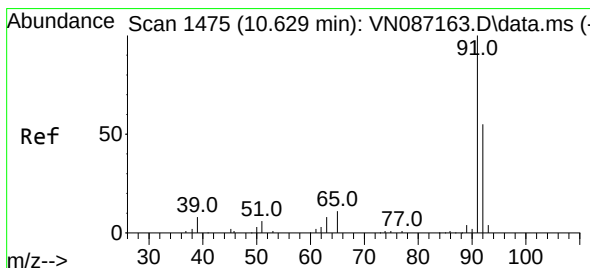
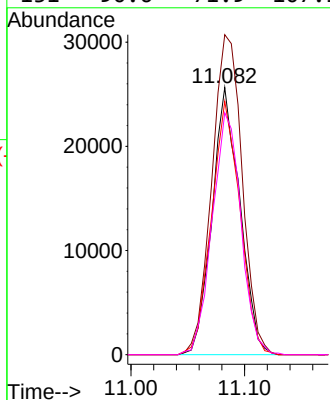
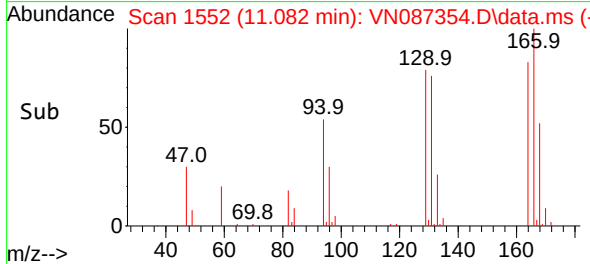
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



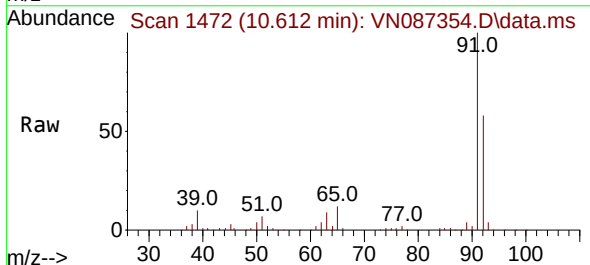
Tgt Ion:164 Resp: 43638
Ion Ratio Lower Upper
164 100
166 119.8 105.4 158.2
129 94.8 77.9 116.9
131 90.6 71.9 107.9

Manual Integrations
APPROVED

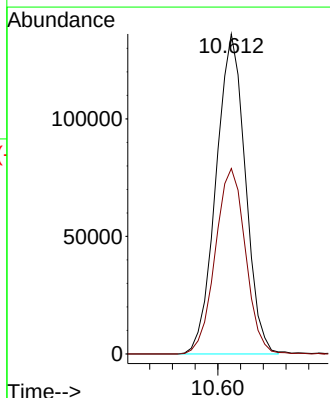
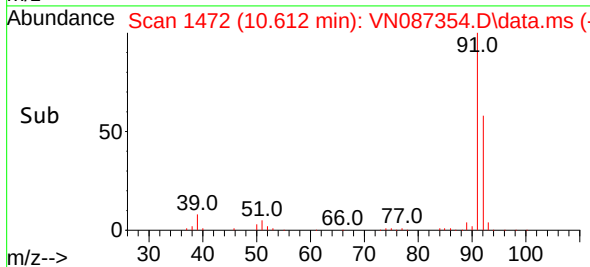
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

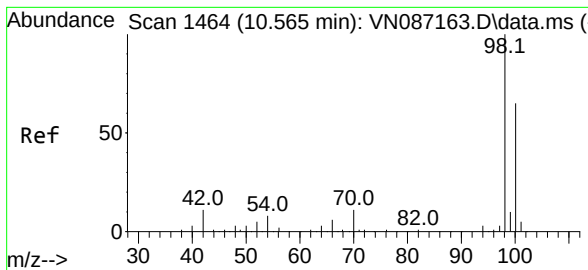


#62
Toluene
Concen: 19.496 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49



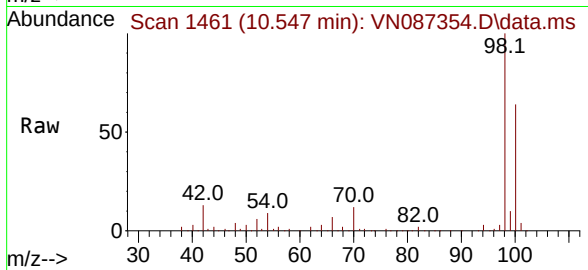
Tgt Ion: 91 Resp: 243667
Ion Ratio Lower Upper
91 100
92 59.8 45.8 68.8





#63
Toluene-d8
Concen: 29.987 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

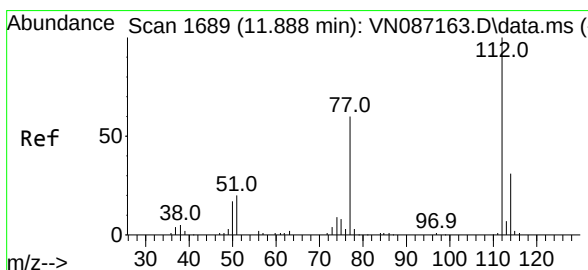
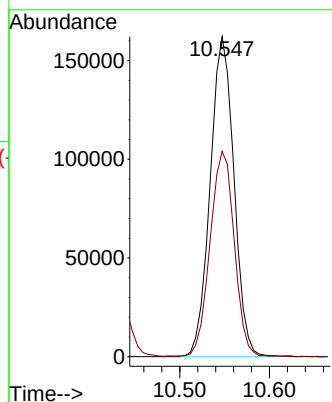
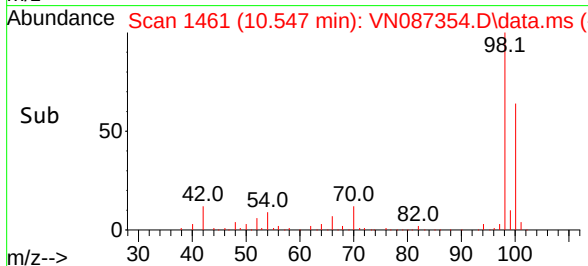
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion: 98 Resp: 297958
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

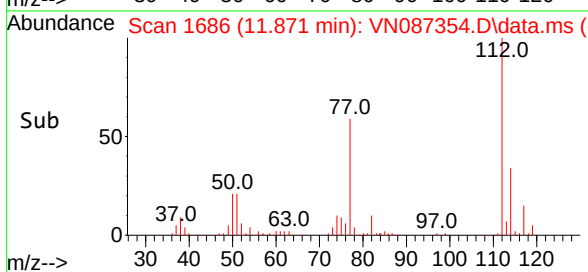
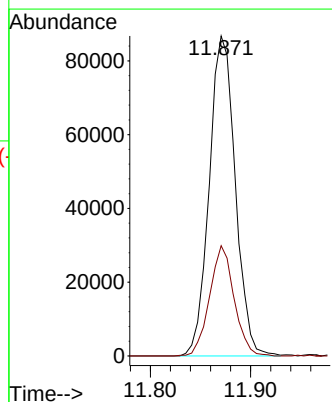
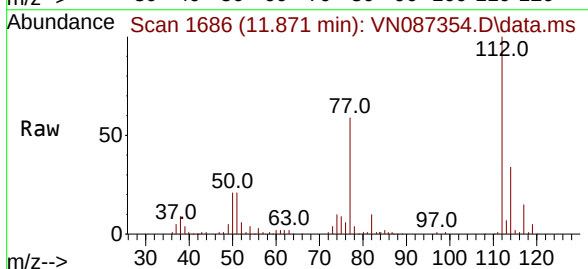
Manual Integrations
APPROVED

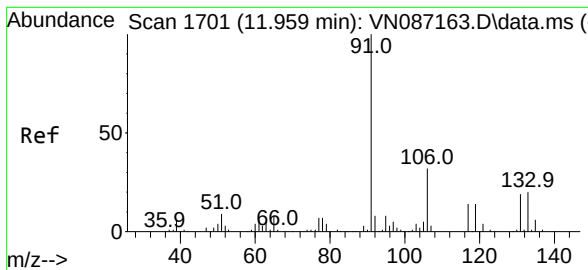
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#64
Chlorobenzene
Concen: 19.677 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

Tgt Ion:112 Resp: 156878
Ion Ratio Lower Upper
112 100
114 34.5 25.0 37.4





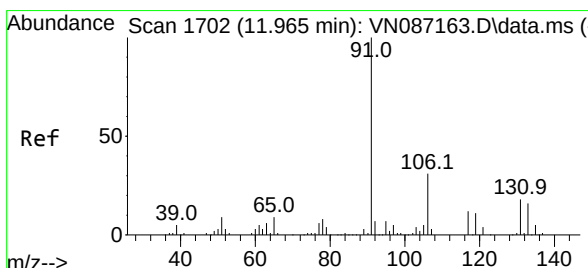
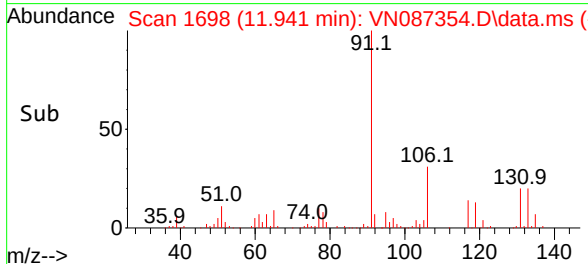
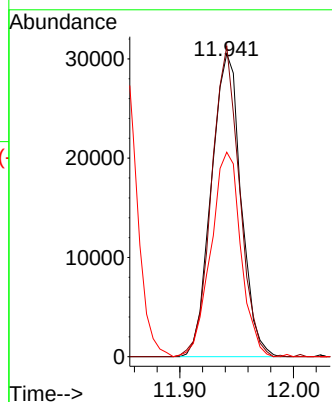
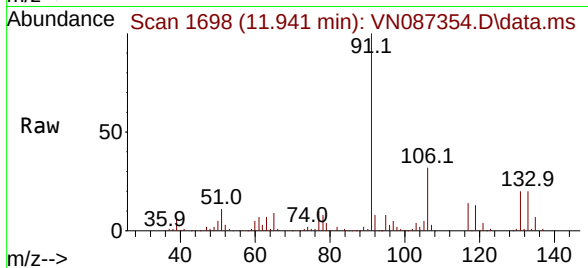
#65
1,1,1,2-Tetrachloroethane
Concen: 21.064 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tgt Ion:131 Resp: 5548
Ion Ratio Lower Upper
131 100
133 96.1 0.0 187.8
119 67.8 0.0 140.0

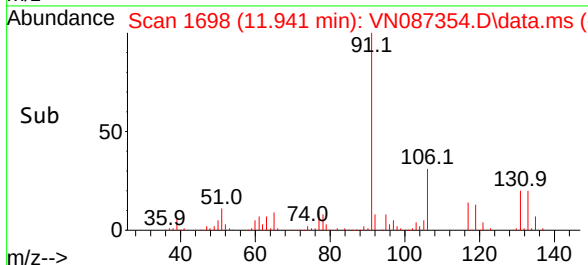
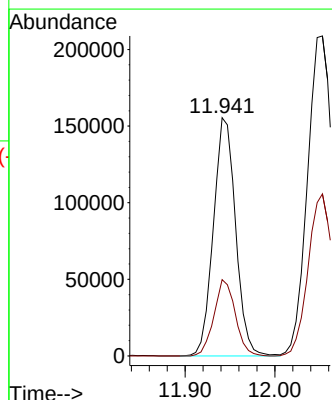
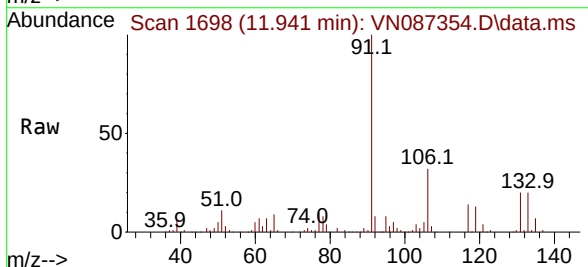
Manual Integrations
APPROVED

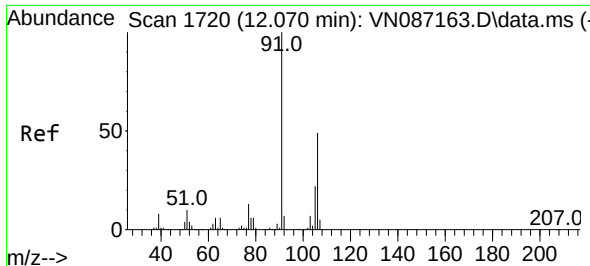
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#66
Ethyl Benzene
Concen: 19.563 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

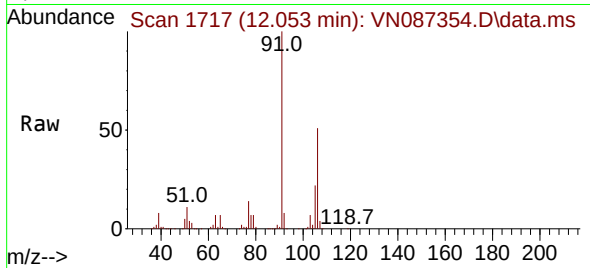
Tgt Ion: 91 Resp: 267636
Ion Ratio Lower Upper
91 100
106 32.0 24.8 37.2





#67
m/p-Xylenes
Concen: 39.657 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

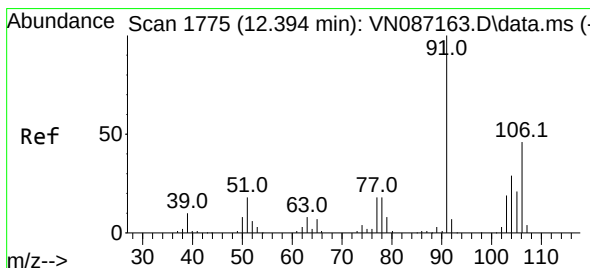
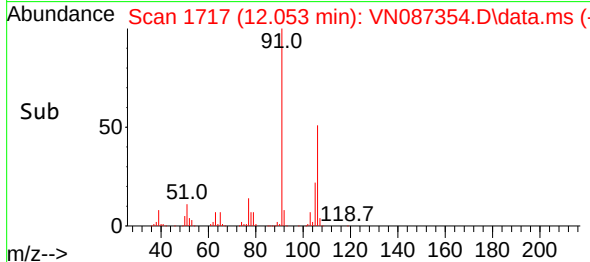
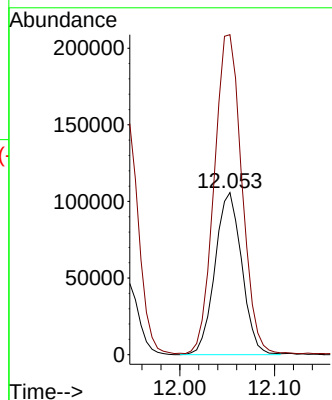
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion:106 Resp: 207890
Ion Ratio Lower Upper
106 100
91 204.6 163.0 244.4

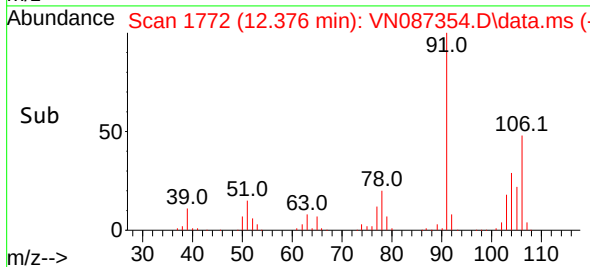
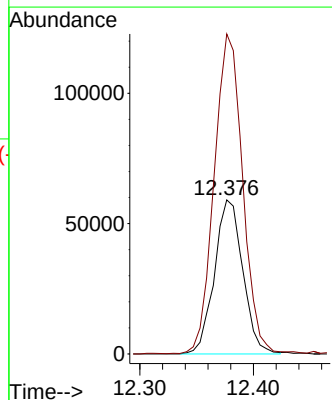
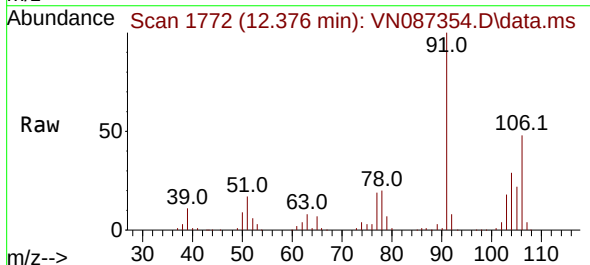
Manual Integrations
APPROVED

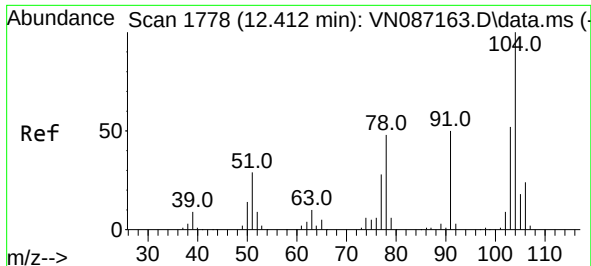
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#68
o-Xylene
Concen: 20.476 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

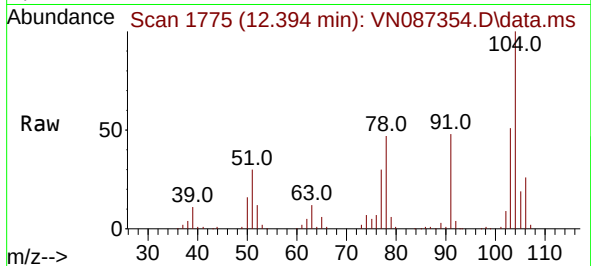
Tgt Ion:106 Resp: 102410
Ion Ratio Lower Upper
106 100
91 207.9 107.1 321.1





#69
Styrene
Concen: 19.152 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

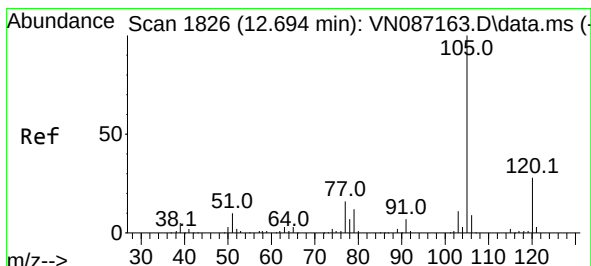
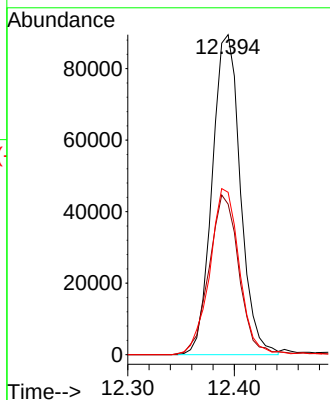
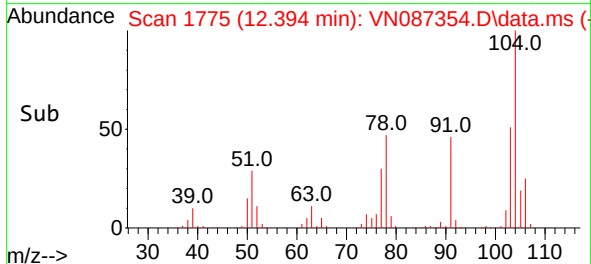
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



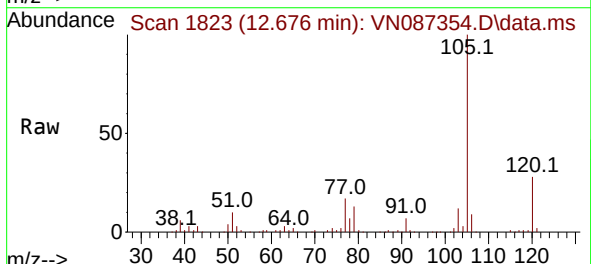
Tgt Ion:104 Resp: 16444
Ion Ratio Lower Upper
104 100
78 53.0 39.8 59.8
103 54.1 44.2 66.4

Manual Integrations
APPROVED

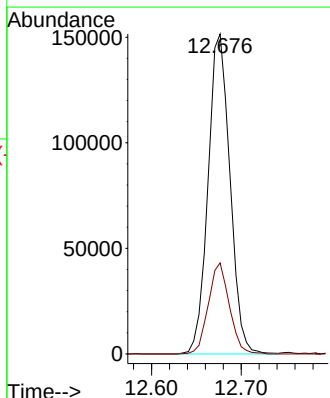
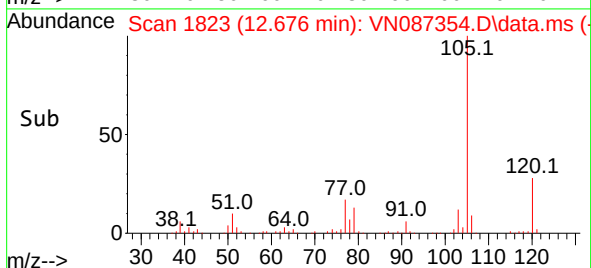
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

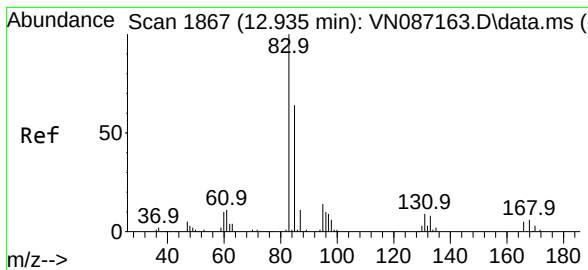


#70
Isopropylbenzene
Concen: 20.649 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49



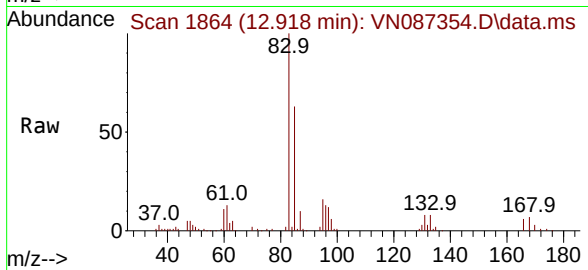
Tgt Ion:105 Resp: 257201
Ion Ratio Lower Upper
105 100
120 27.3 19.0 35.2





#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.667 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. -0.018 min
 Lab File: VN087354.D
 Acq: 18 Jul 2025 09:49

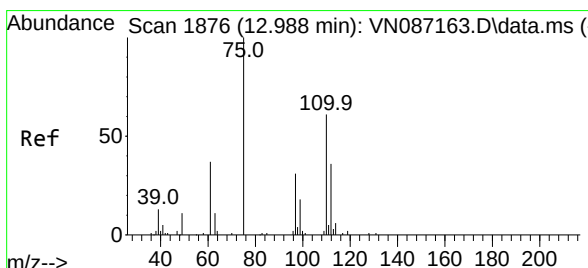
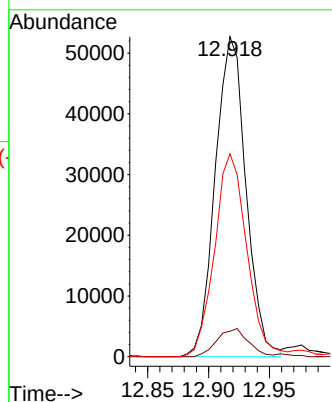
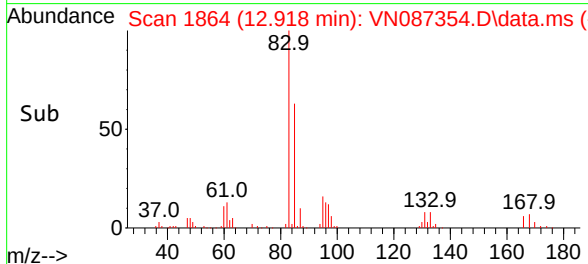
Instrument : MSVOA_N
 ClientSampleId : VN0718WBS01



Tgt Ion: 83 Resp: 9266
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.5 13.4
 85 66.2 31.3 93.9

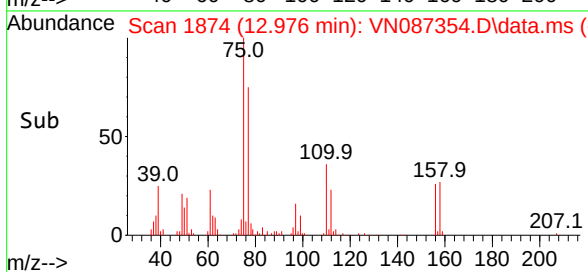
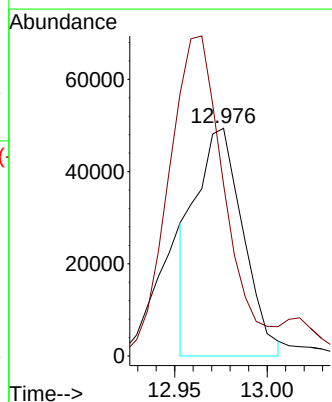
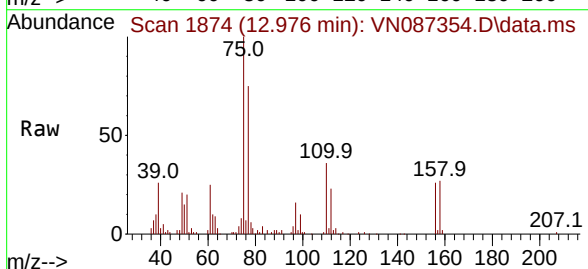
Manual Integrations
 APPROVED

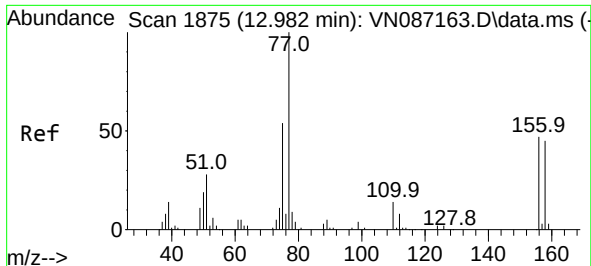
Reviewed By :John Carlone 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#72
 1,2,3-Trichloropropane
 Concen: 22.792 ug/l m
 RT: 12.976 min Scan# 1874
 Delta R.T. -0.012 min
 Lab File: VN087354.D
 Acq: 18 Jul 2025 09:49

Tgt Ion: 75 Resp: 88121
 Ion Ratio Lower Upper
 75 100
 77 168.1 0.0 379.2





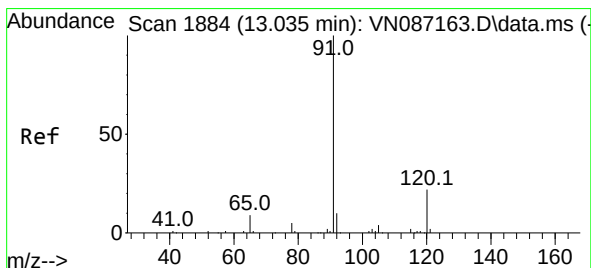
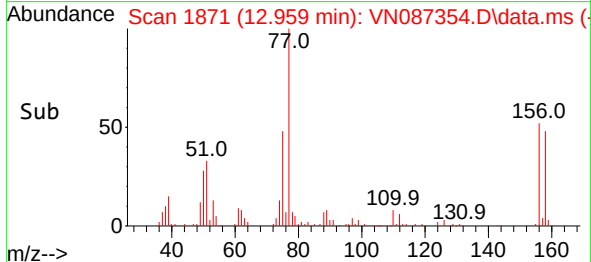
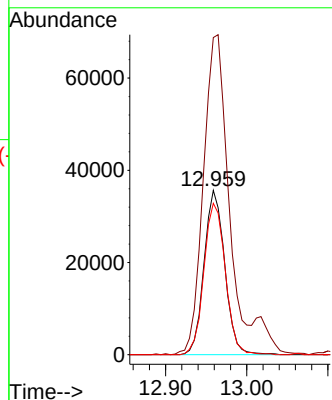
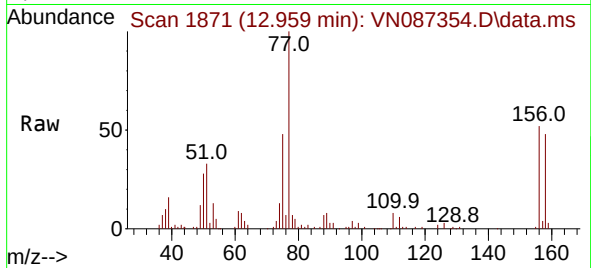
#73
Bromobenzene
Concen: 20.867 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tgt Ion:156 Resp: 6305
Ion Ratio Lower Upper
156 100
77 235.0 0.0 489.0
158 95.5 0.0 195.2

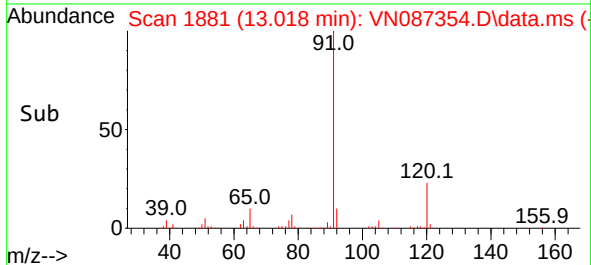
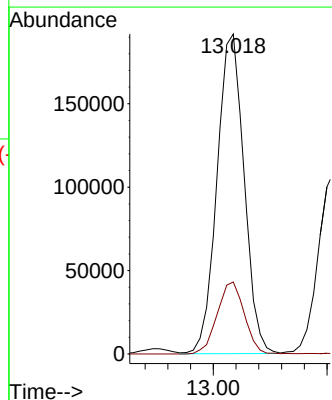
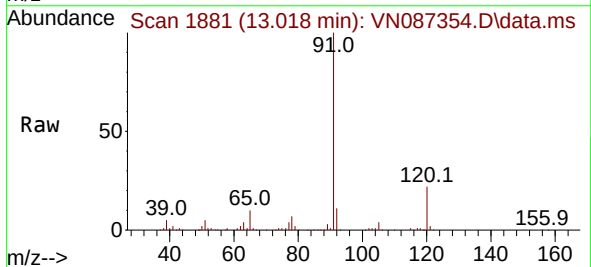
Manual Integrations
APPROVED

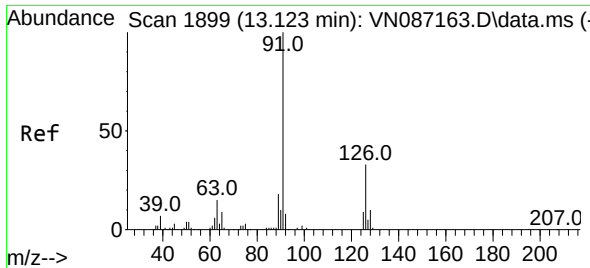
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#74
n-propylbenzene
Concen: 20.853 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

Tgt Ion: 91 Resp: 317325
Ion Ratio Lower Upper
91 100
120 22.5 0.0 43.6





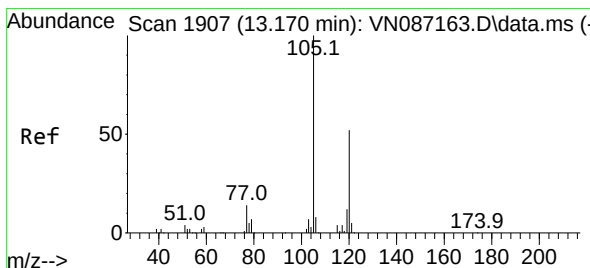
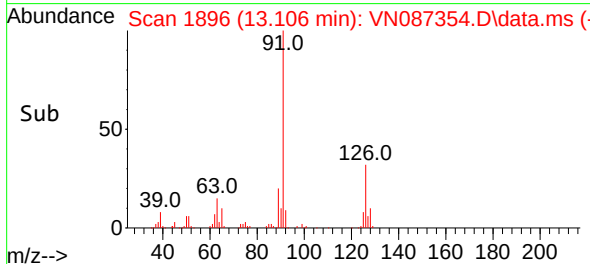
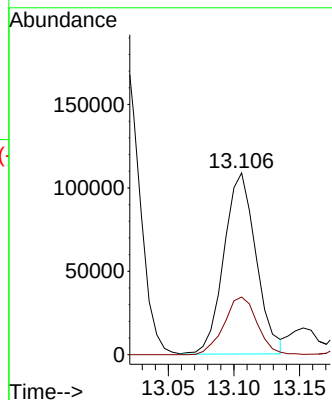
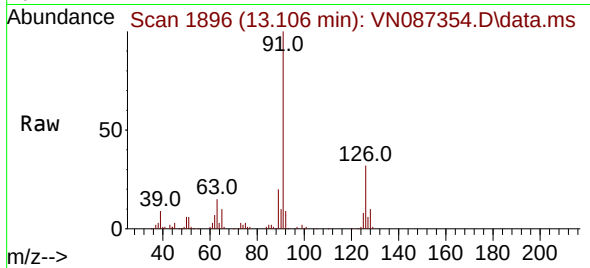
#75
2-Chlorotoluene
Concen: 20.164 ug/l
RT: 13.106 min Scan# 185378
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tgt Ion: 91 Resp: 185378
Ion Ratio Lower Upper
91 100
126 32.9 0.0 63.8

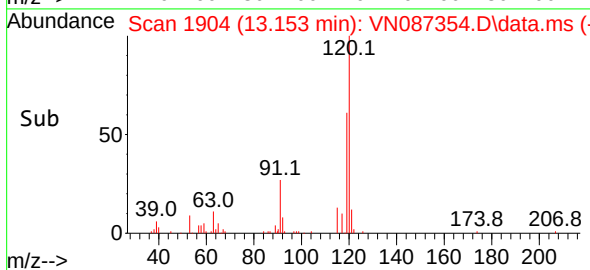
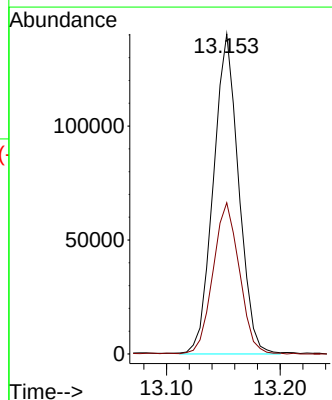
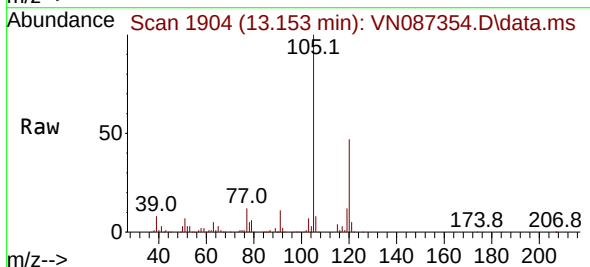
Manual Integrations
APPROVED

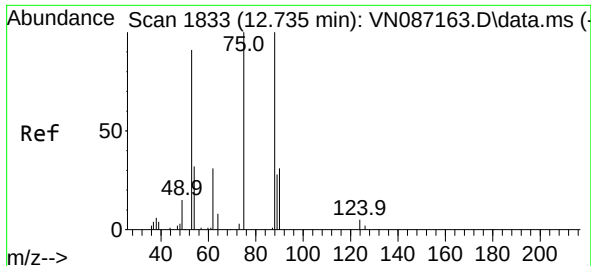
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#76
1,3,5-Trimethylbenzene
Concen: 21.419 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

Tgt Ion:105 Resp: 217196
Ion Ratio Lower Upper
105 100
120 49.1 0.0 100.8





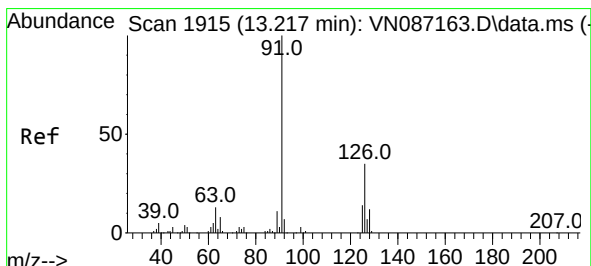
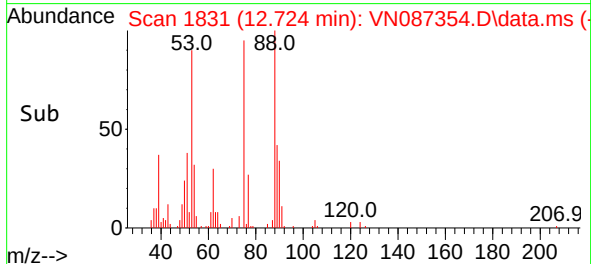
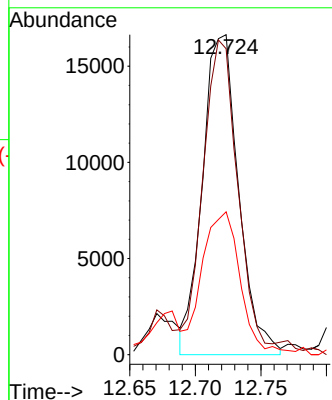
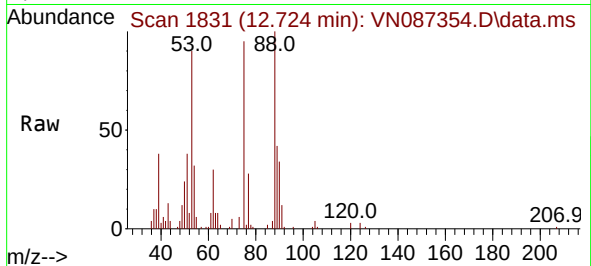
#77
t-1,4-Dichloro-2-butene
Concen: 18.604 ug/l
RT: 12.724 min Scan# 1831
Delta R.T. -0.012 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tgt Ion: 75 Resp: 31900
Ion Ratio Lower Upper
75 100
53 93.5 45.9 137.6
89 43.9 22.3 66.9

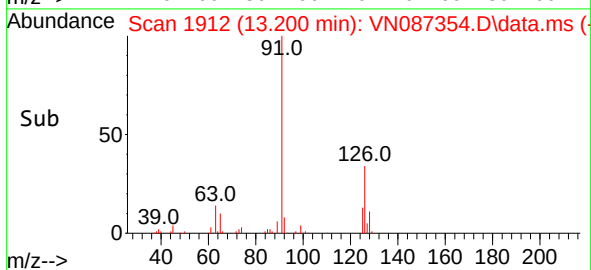
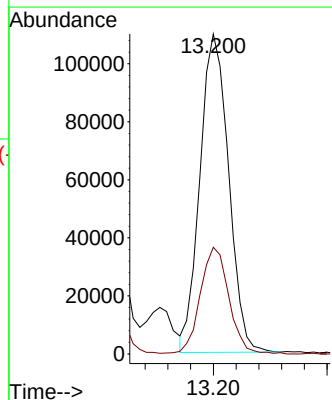
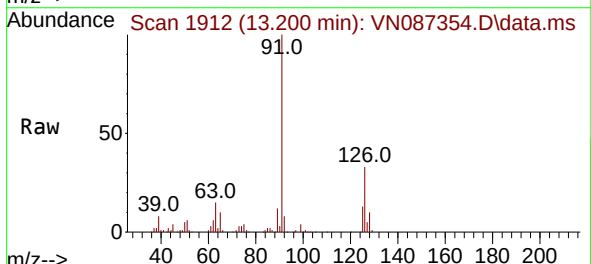
Manual Integrations
APPROVED

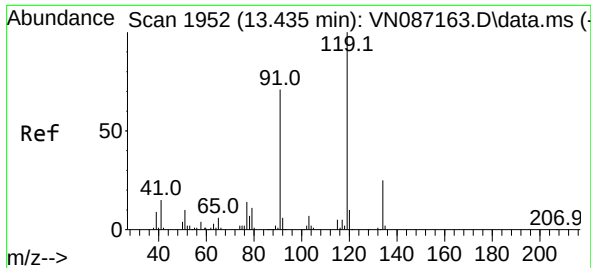
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#78
4-Chlorotoluene
Concen: 20.387 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

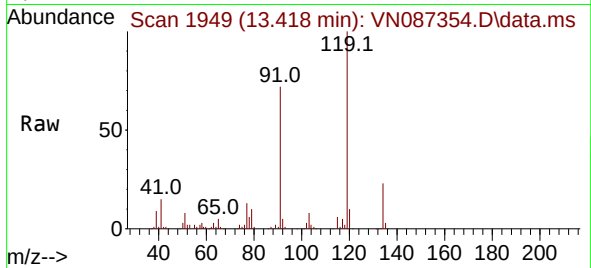
Tgt Ion: 91 Resp: 191958
Ion Ratio Lower Upper
91 100
126 33.5 0.0 65.2





#79
tert-butylbenzene
Concen: 22.063 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

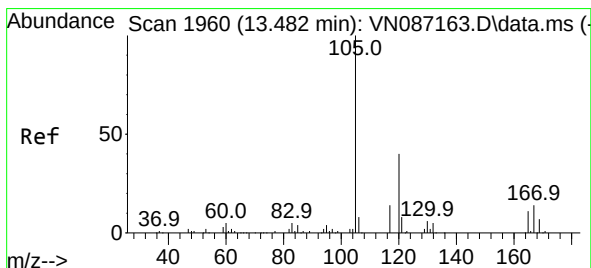
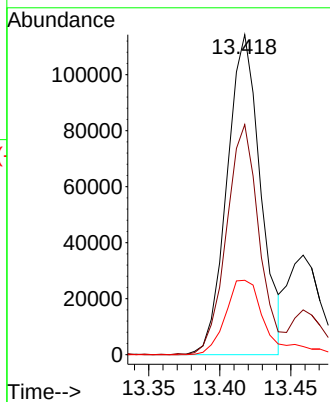
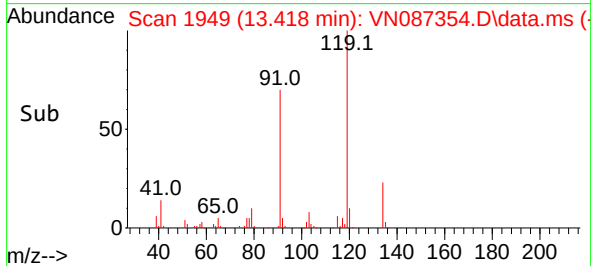
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



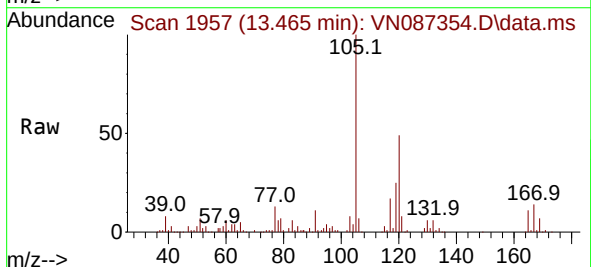
Tgt Ion:119 Resp: 188065
Ion Ratio Lower Upper
119 100
91 70.2 0.0 137.0
134 25.5 0.0 49.4

Manual Integrations
APPROVED

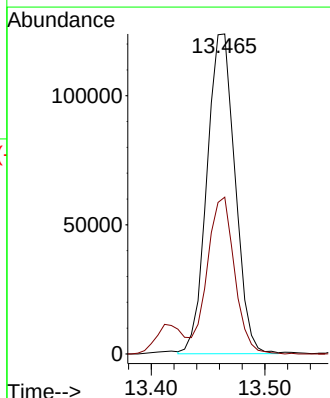
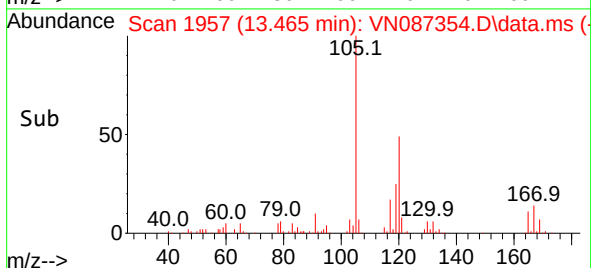
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

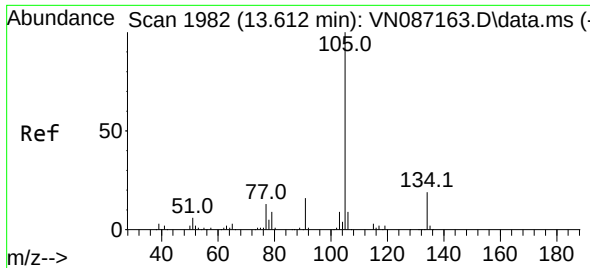


#80
1,2,4-Trimethylbenzene
Concen: 20.932 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49



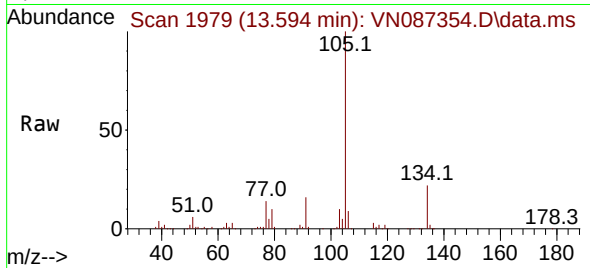
Tgt Ion:105 Resp: 213138
Ion Ratio Lower Upper
105 100
120 47.0 0.0 94.0





#81
 sec-Butylbenzene
 Concen: 22.258 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.018 min
 Lab File: VN087354.D
 Acq: 18 Jul 2025 09:49

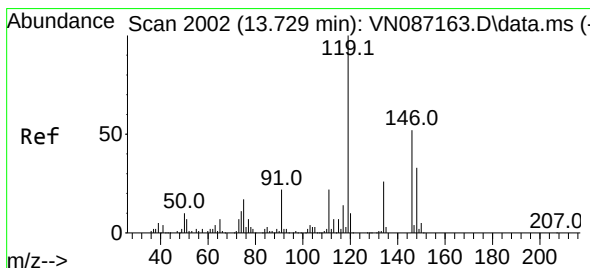
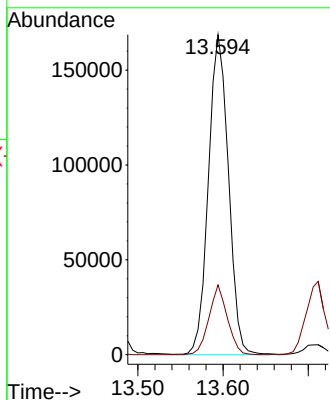
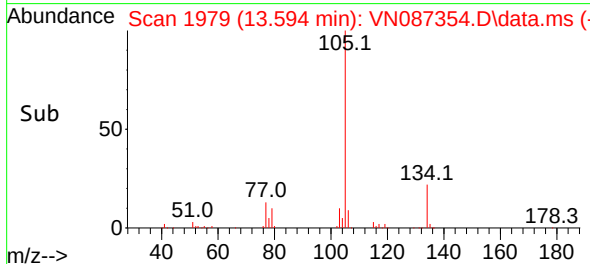
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01



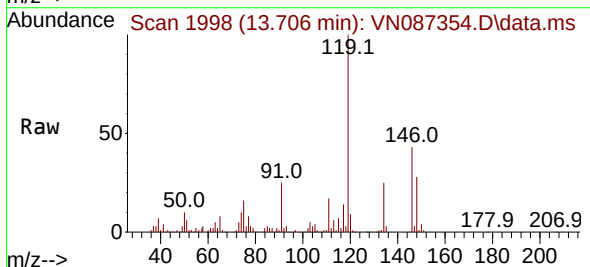
Tgt Ion:105 Resp: 27579
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.4

Manual Integrations
 APPROVED

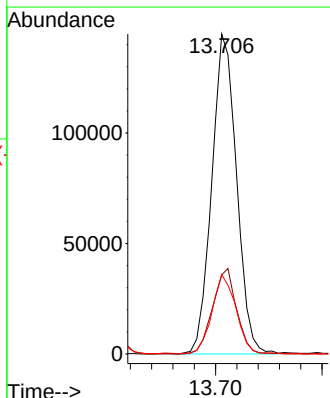
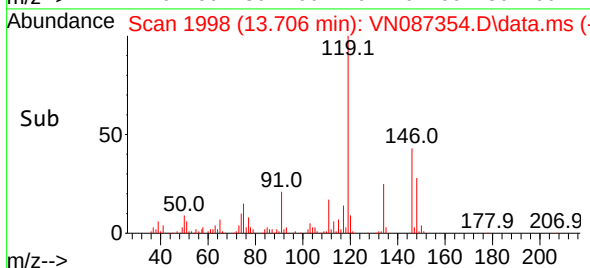
Reviewed By :John Carlone 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025

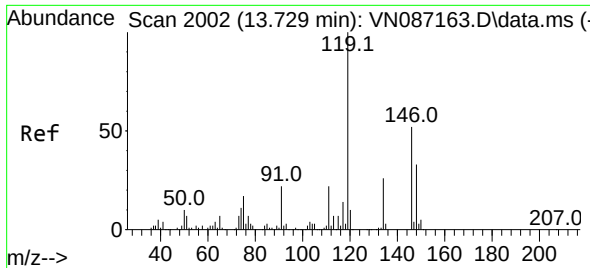


#82
 p-Isopropyltoluene
 Concen: 22.676 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.023 min
 Lab File: VN087354.D
 Acq: 18 Jul 2025 09:49



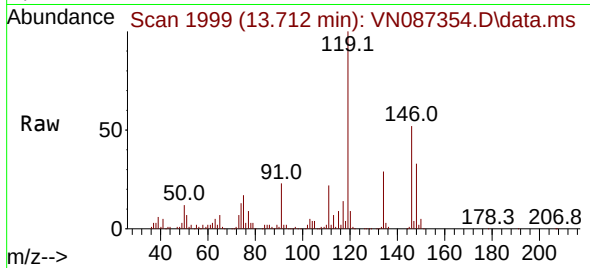
Tgt Ion:119 Resp: 233831
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.2
 91 24.0 0.0 46.4





#83
1,3-Dichlorobenzene
Concen: 20.616 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

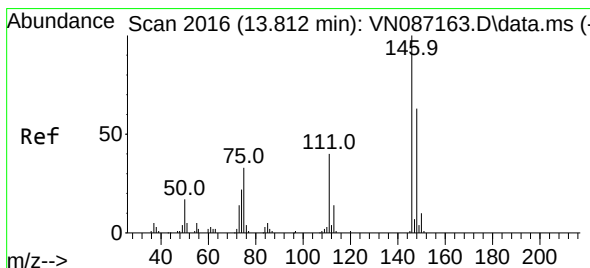
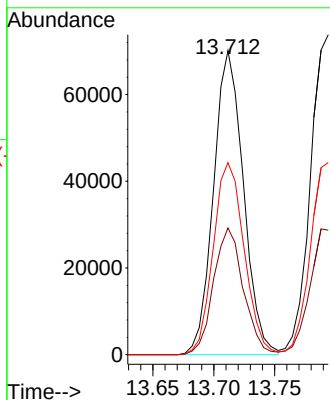
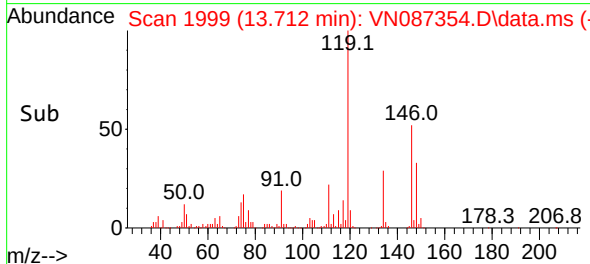
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



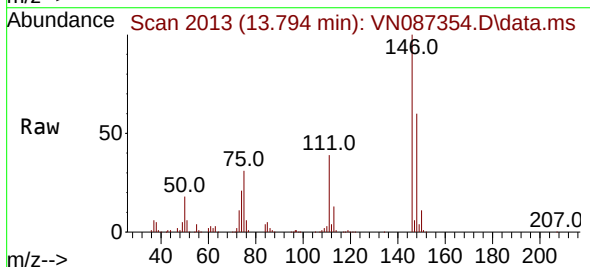
Tgt Ion:146 Resp: 119952
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.3
148 65.4 31.6 94.8

Manual Integrations
APPROVED

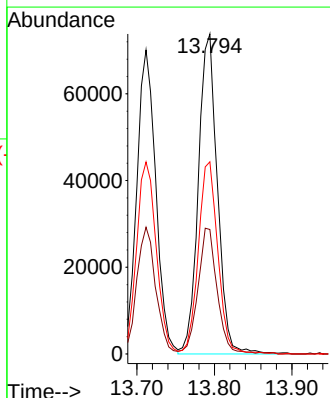
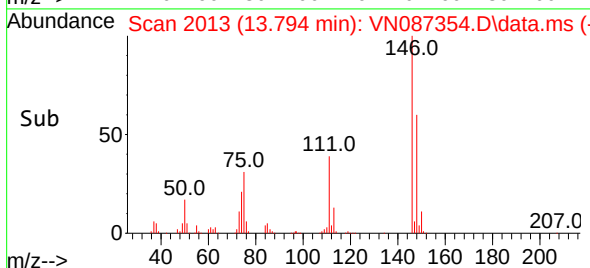
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

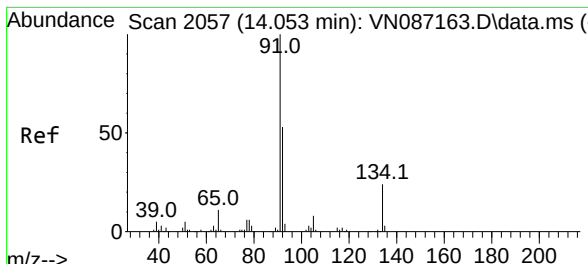


#84
1,4-Dichlorobenzene
Concen: 21.501 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49



Tgt Ion:146 Resp: 125908
Ion Ratio Lower Upper
146 100
111 39.6 20.1 60.2
148 61.4 31.4 94.2





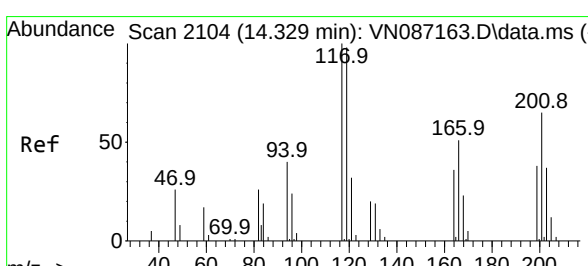
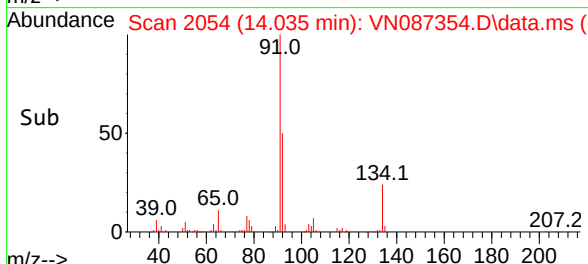
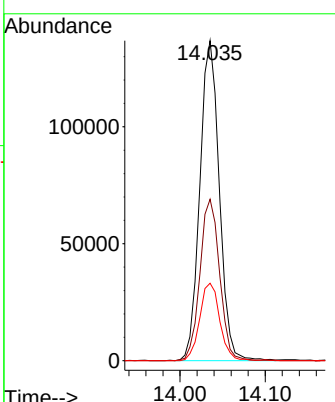
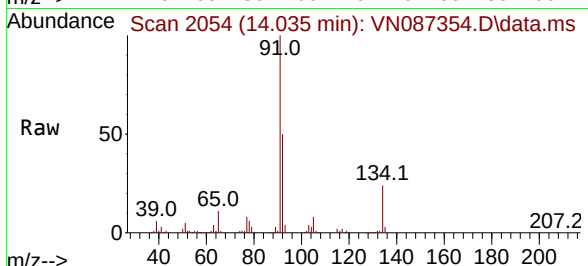
#85
 n-Butylbenzene
 Concen: 23.118 ug/l
 RT: 14.035 min Scan# 2054
 Delta R.T. -0.018 min
 Lab File: VN087354.D
 Acq: 18 Jul 2025 09:49

Instrument : MSVOA_N
 ClientSampleId : VN0718WBS01

Tgt Ion:	91	Resp:	21750
Ion Ratio	Lower	Upper	
91	100		
92	50.9	0.0	106.4
134	24.9	0.0	48.8

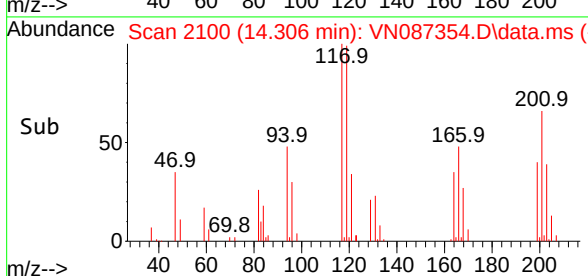
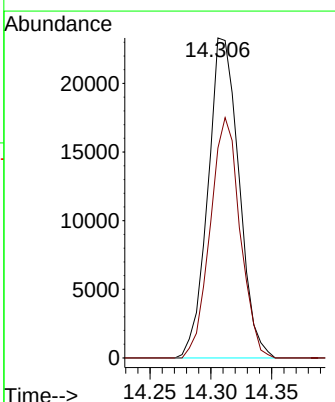
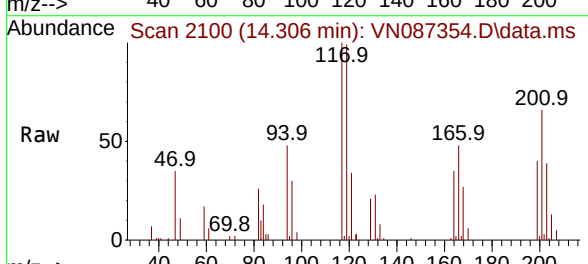
Manual Integrations
 APPROVED

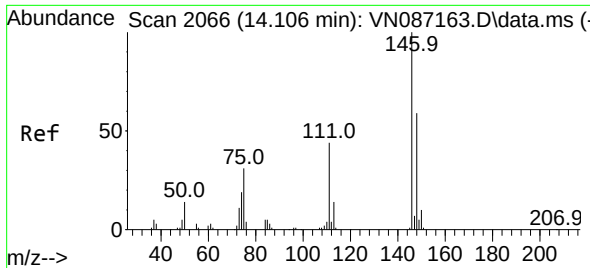
Reviewed By :John Carlone 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#86
 Hexachloroethane
 Concen: 21.196 ug/l
 RT: 14.306 min Scan# 2100
 Delta R.T. -0.023 min
 Lab File: VN087354.D
 Acq: 18 Jul 2025 09:49

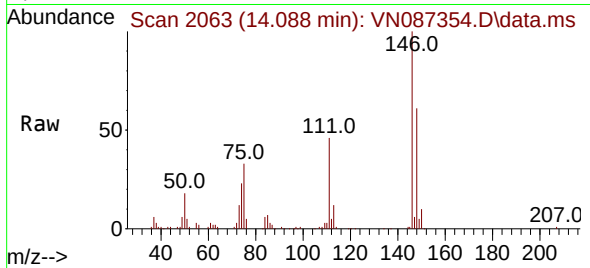
Tgt Ion:	117	Resp:	41372
Ion Ratio	Lower	Upper	
117	100		
201	72.1	30.8	92.3





#87
1,2-Dichlorobenzene
Concen: 21.333 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

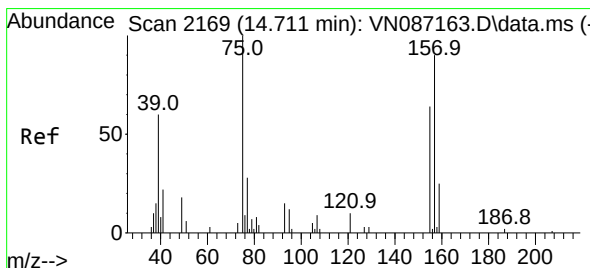
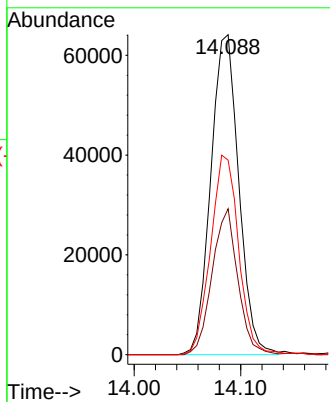
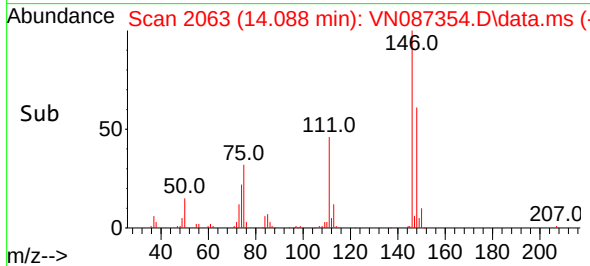
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01



Tgt Ion:146 Resp: 117040
Ion Ratio Lower Upper
146 100
111 41.8 22.1 66.1
148 62.5 31.6 95.0

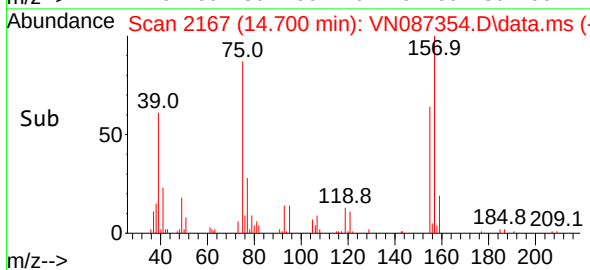
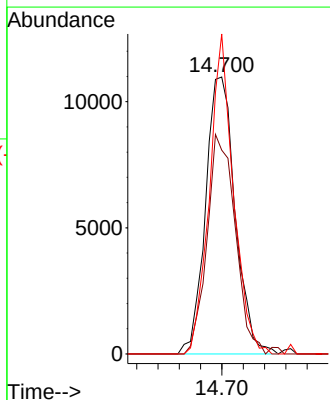
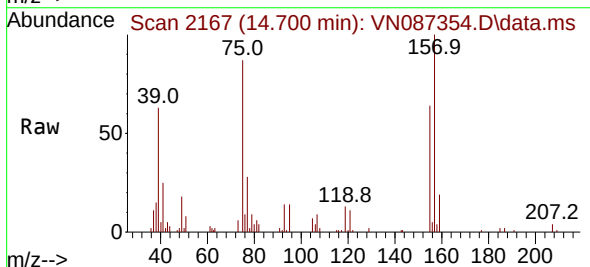
Manual Integrations
APPROVED

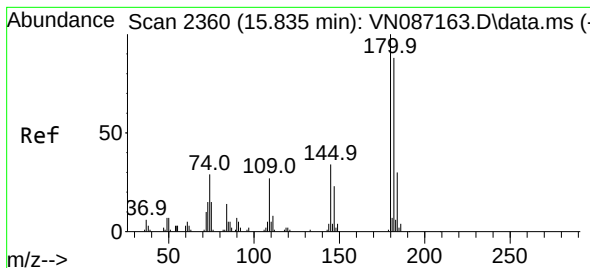
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.996 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.012 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

Tgt Ion: 75 Resp: 21197
Ion Ratio Lower Upper
75 100
155 75.4 58.3 87.5
157 93.4 79.2 118.8





#89

1,2,4-Trichlorobenzene

Concen: 22.999 ug/l

RT: 15.812 min Scan# 21

Delta R.T. -0.023 min

Lab File: VN087354.D

Acq: 18 Jul 2025 09:49

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS01

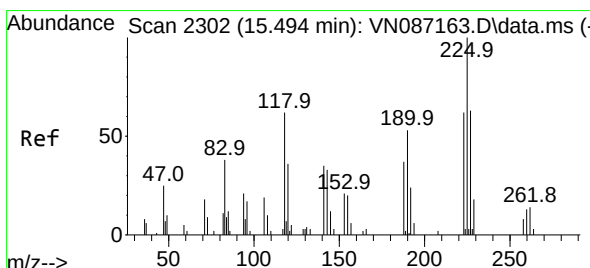
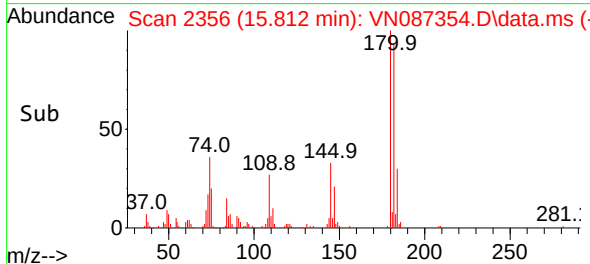
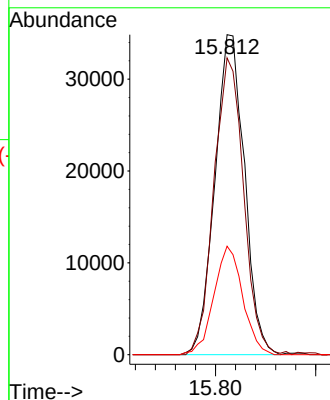
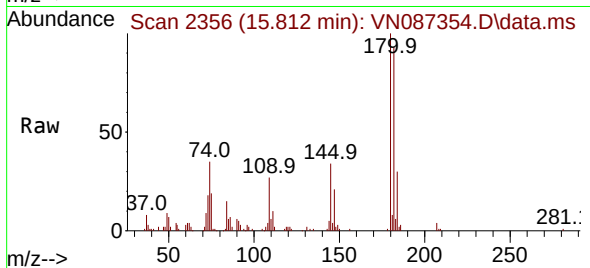
Tgt Ion:	180	Resp:	7138
Ion Ratio	Lower	Upper	
180	100		
182	92.6	74.2	111.2
145	33.0	27.6	41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#90

Hexachlorobutadiene

Concen: 32.711 ug/l

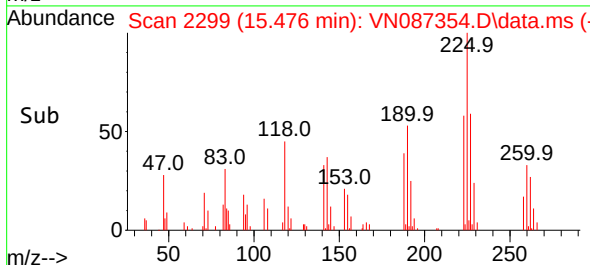
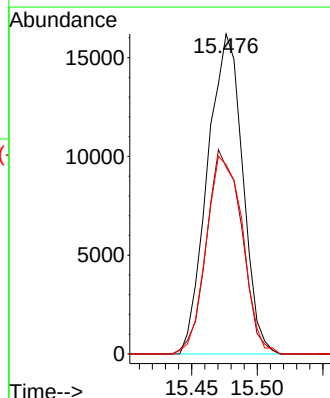
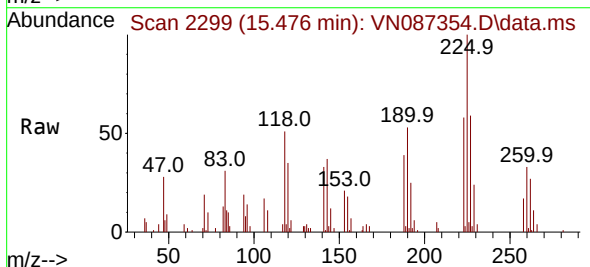
RT: 15.476 min Scan# 2299

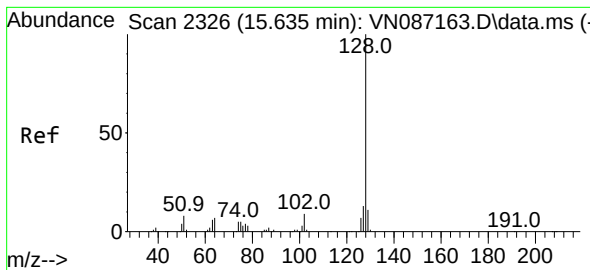
Delta R.T. -0.018 min

Lab File: VN087354.D

Acq: 18 Jul 2025 09:49

Tgt Ion:	225	Resp:	30129
Ion Ratio	Lower	Upper	
225	100		
223	63.9	0.0	134.2
227	64.1	0.0	122.6





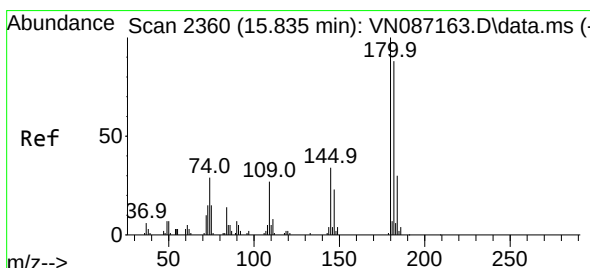
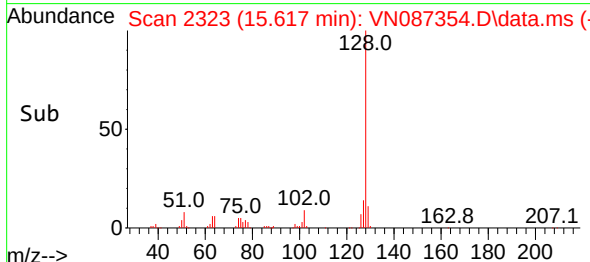
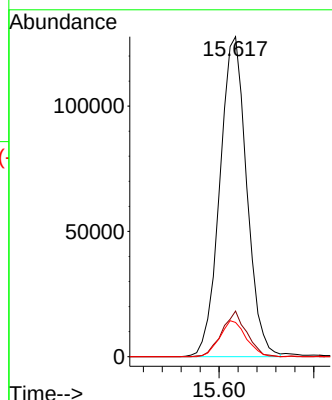
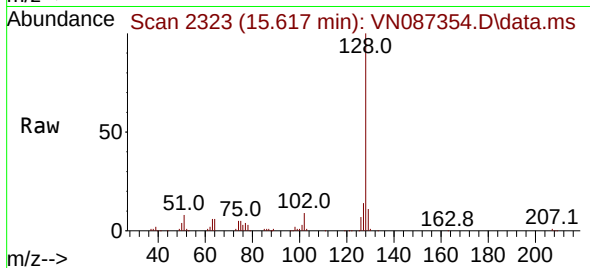
#91
Naphthalene
Concen: 20.621 ug/l
RT: 15.617 min Scan# 21
Delta R.T. -0.018 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tgt Ion:128 Resp: 25190
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#92
1,2,3-Trichlorobenzene
Concen: 22.999 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. -0.023 min
Lab File: VN087354.D
Acq: 18 Jul 2025 09:49

Tgt Ion:180 Resp: 71387
Ion Ratio Lower Upper
180 100
182 92.6 0.0 185.4
145 33.0 0.0 69.0

