

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071825\
 Data File : VN087361.D
 Acq On : 18 Jul 2025 13:16
 Operator : JC\MD
 Sample : VN0718WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 23:18:57 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	42433	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.083	114	214950	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	202696	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	103525	32.381	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.933%			
60) 4-Bromofluorobenzene	12.829	95	99771	31.898	ug/l	-0.02
Spiked Amount 30.000	Range 63 - 112		Recovery = 106.333%			
63) Toluene-d8	10.547	98	275131	30.231	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.767%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	35853	14.036	ug/l	97
3) Chloromethane	2.383	50	41885	16.055	ug/l	96
4) Vinyl Chloride	2.536	62	44855	15.819	ug/l	95
5) Bromomethane	2.983	94	18361	12.202	ug/l	89
6) Chloroethane	3.142	64	30637	20.142	ug/l	96
7) Trichlorofluoromethane	3.518	101	69722	20.047	ug/l	89
8) Diethyl Ether	3.959	74	30088	17.608	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.359	101	38544	14.948	ug/l	95
10) 1,1-Dichloroethene	4.336	96	37395	14.548	ug/l	86
11) Methyl Iodide	4.577	142	26704	11.596	ug/l	91
12) Methyl Acetate	5.018	43	82847	20.548	ug/l #	85
13) Acrolein	4.183	56	48089	77.621	ug/l	98
14) Acrylonitrile	5.712	53	167411	89.018	ug/l	98
15) Acetone	4.424	58	49031	89.378	ug/l	79
16) Carbon Disulfide	4.701	76	102241	13.604	ug/l	100
17) Allyl chloride	5.012	41	75076	17.708	ug/l	93
18) Methylene Chloride	5.259	84	51714	17.367	ug/l	96
19) trans-1,2-Dichloroethene	5.771	96	43214	15.373	ug/l	97
20) Diisopropyl ether	6.659	45	173529	19.292	ug/l	96
21) 1,1-Dichloroethane	6.553	63	94938	17.660	ug/l	95
22) cis-1,2-Dichloroethene	7.471	96	54987	16.808	ug/l	95
23) tert-Butyl Alcohol	5.524	59	59706	84.418	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	165732	18.384	ug/l	98
25) Chloroform	7.953	83	98002	19.028	ug/l	100
26) Cyclohexane	8.241	56	65075	14.563	ug/l #	98
29) 1,1-Dichloropropene	8.359	75	60948	18.192	ug/l	97
30) 2-Butanone	7.471	43	246967	109.279	ug/l	96
31) 2,2-Dichloropropane	7.471	77	80501	19.905	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	80024	20.445	ug/l	99
33) Carbon Tetrachloride	8.347	117	67642	20.536	ug/l	96
34) Benzene	8.589	78	199829	18.827	ug/l	98
35) Methacrylonitrile	7.765	41	50200	22.041	ug/l	95
36) 1,2-Dichloroethane	8.659	62	77012	22.457	ug/l	98
37) Trichloroethene	9.336	130	44812	18.304	ug/l	98
38) Methylcyclohexane	9.583	83	63597	16.544	ug/l	97
39) 1,2-Dichloropropane	9.606	63	51797	19.443	ug/l	98
40) Dibromomethane	9.694	93	37885	20.914	ug/l	98
41) Bromodichloromethane	9.871	83	78887	21.575	ug/l #	96
42) Vinyl Acetate	6.589	43	786848	107.046	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	92098	22.575	ug/l	100
44) Isopropyl Acetate	8.677	43	147643	22.212	ug/l	97
45) 1,4-Dioxane	9.683	88	18109	402.741	ug/l #	96
46) Methyl methacrylate	9.665	41	65982	21.353	ug/l	91
47) n-amyl Acetate	12.518	43	88985m	21.896	ug/l	
48) t-1,3-Dichloropropene	10.818	75	81666	20.035	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	85567	19.747	ug/l	91
50) 1,1,2-Trichloroethane	10.994	97	51059	19.843	ug/l	97
51) Ethyl methacrylate	10.859	69	78913	20.149	ug/l	86
52) 1,3-Dichloropropane	11.147	76	89110	20.171	ug/l	99
53) Dibromochloromethane	11.341	129	58941	21.821	ug/l	97
54) 1,2-Dibromoethane	11.447	107	51936	19.563	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	229622	102.285	ug/l	100
56) Bromoform	12.559	173	37792	20.353	ug/l #	95
58) 4-Methyl-2-Pentanone	10.430	43	484568	118.914	ug/l	94
59) 2-Hexanone	11.182	43	321652	122.241	ug/l	91
61) Tetrachloroethene	11.082	164	37558	18.711	ug/l	89
62) Toluene	10.612	91	214455	18.733	ug/l	99
64) Chlorobenzene	11.871	112	138176	18.922	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	49360	20.457	ug/l	98
66) Ethyl Benzene	11.947	91	228458	18.232	ug/l	100
67) m/p-Xylenes	12.053	106	177611	36.990	ug/l	98
68) o-Xylene	12.377	106	85132	18.584	ug/l	96
69) Styrene	12.394	104	147470	18.751	ug/l	98
70) Isopropylbenzene	12.677	105	216730	18.996	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	82216	20.020	ug/l	99
72) 1,2,3-Trichloropropane	12.971	75	80548m	22.745	ug/l	
73) Bromobenzene	12.959	156	55891	20.195	ug/l	93
74) n-propylbenzene	13.012	91	275814	19.788	ug/l	99
75) 2-Chlorotoluene	13.106	91	161776	19.212	ug/l	97
76) 1,3,5-Trimethylbenzene	13.153	105	184498	19.864	ug/l	100
77) t-1,4-Dichloro-2-butene	12.718	75	21439	13.648	ug/l	86
78) 4-Chlorotoluene	13.200	91	170444	19.763	ug/l	99
79) tert-butylbenzene	13.418	119	159673	20.452	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	187139	20.065	ug/l	98
81) sec-Butylbenzene	13.594	105	231192	20.370	ug/l	99
82) p-Isopropyltoluene	13.706	119	192583	20.390	ug/l	97
83) 1,3-Dichlorobenzene	13.712	146	107976	20.260	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	106059	19.774	ug/l	98
85) n-Butylbenzene	14.035	91	178654	20.732	ug/l	99
86) Hexachloroethane	14.312	117	35454	19.831	ug/l	91
87) 1,2-Dichlorobenzene	14.082	146	101395	20.178	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	18194	19.675	ug/l	98
89) 1,2,4-Trichlorobenzene	15.812	180	60524	21.289	ug/l	98
90) Hexachlorobutadiene	15.476	225	24689	29.265	ug/l	95
91) Naphthalene	15.612	128	211981	18.945	ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	60524	21.289	ug/l	98

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

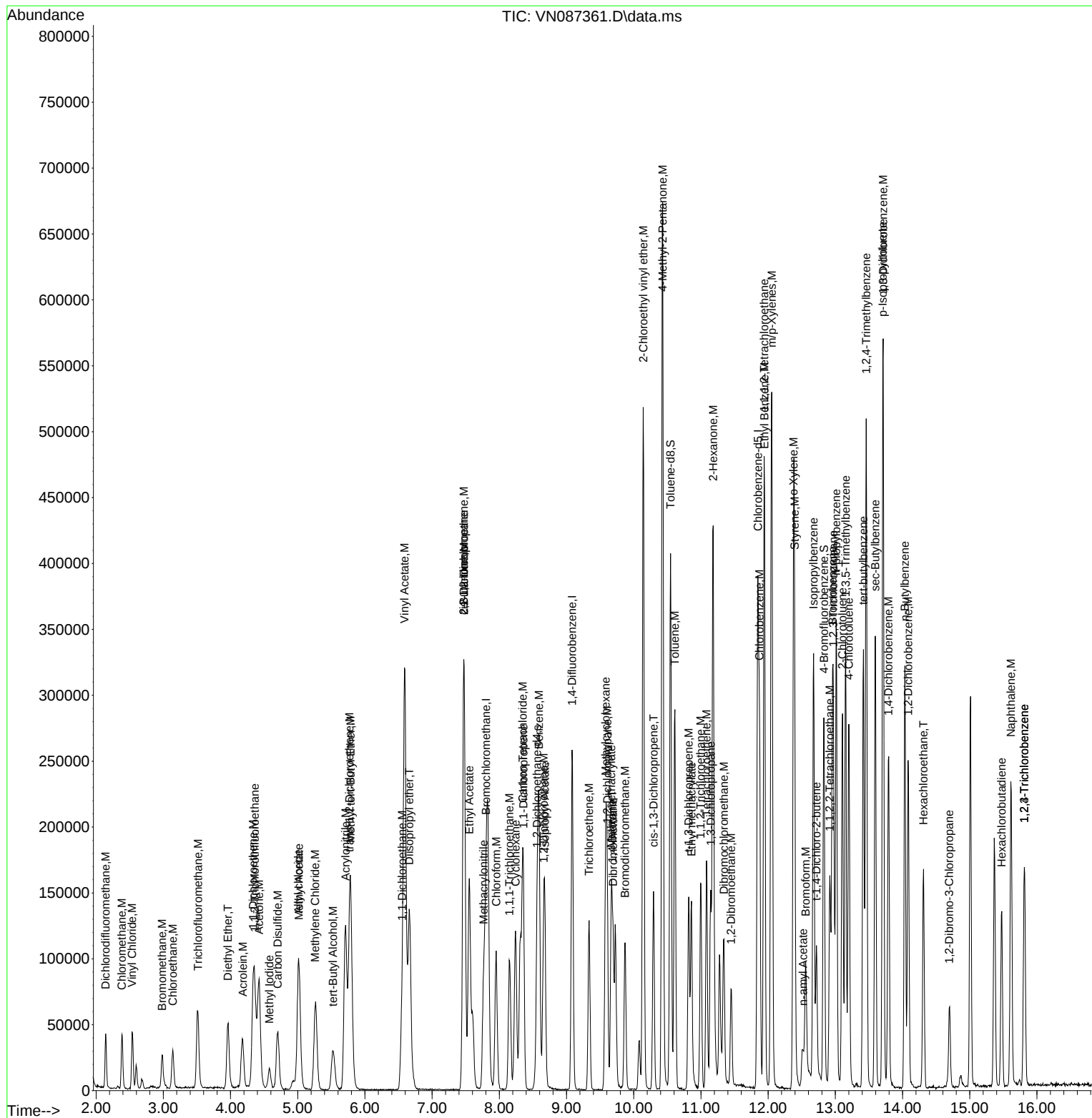
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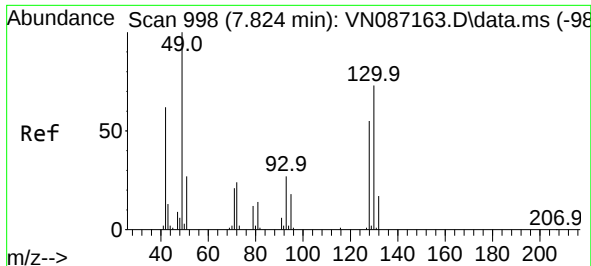
Instrument :
 MSVOA_N
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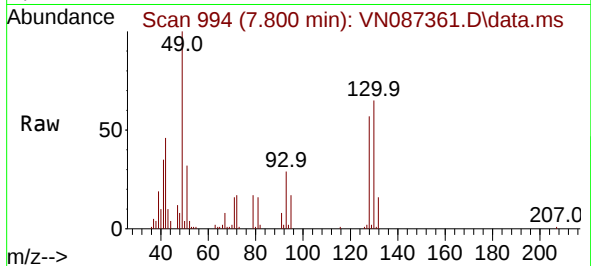
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 91
Delta R.T. -0.024 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

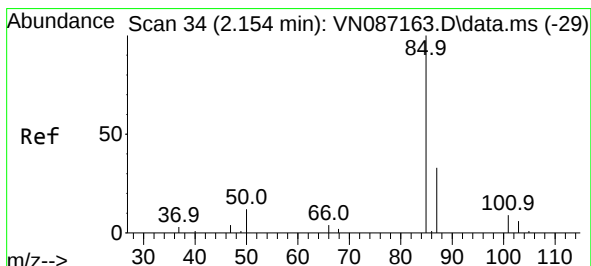
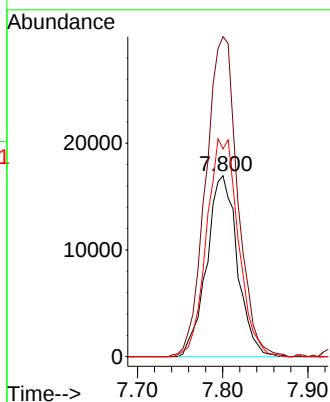
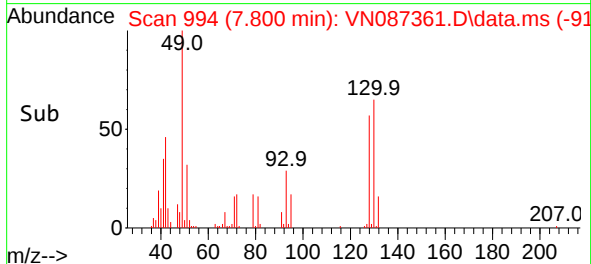
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion:128 Resp: 4243
Ion Ratio Lower Upper
128 100
49 184.1 0.0 450.5
130 125.1 0.0 320.7

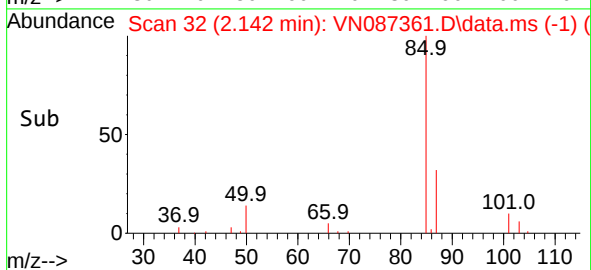
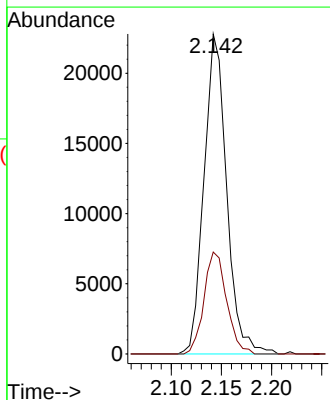
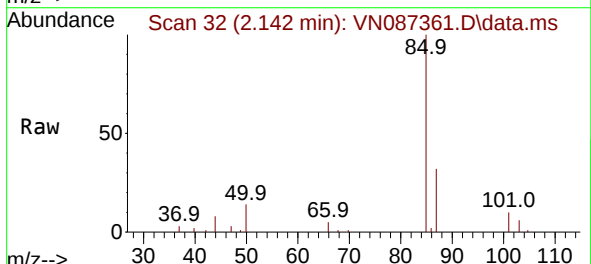
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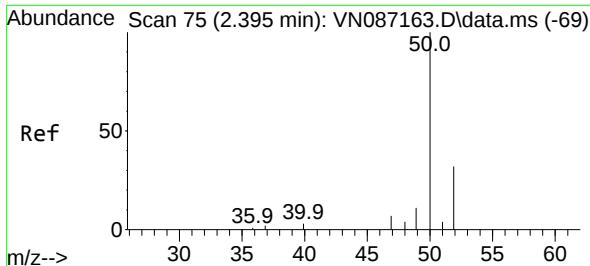
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#2
Dichlorodifluoromethane
Concen: 14.036 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.012 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Tgt Ion: 85 Resp: 35853
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.0





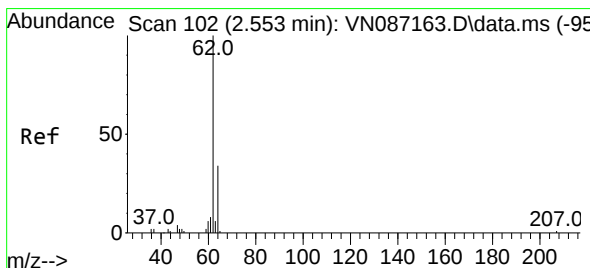
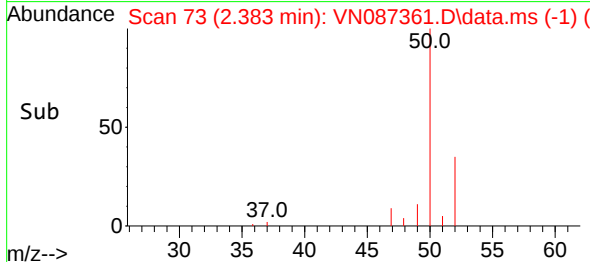
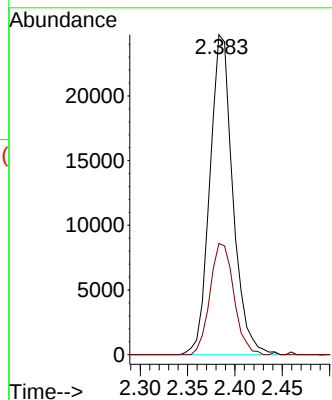
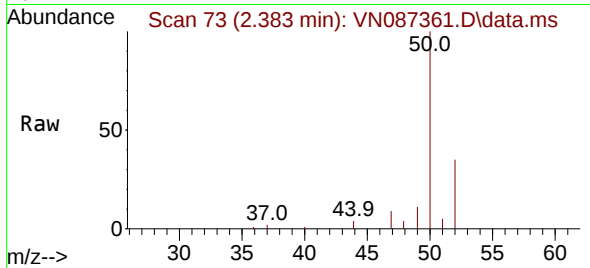
#3
Chloromethane
Concen: 16.055 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 4188
Ion Ratio Lower Upper
50 100
52 34.8 25.9 38.9

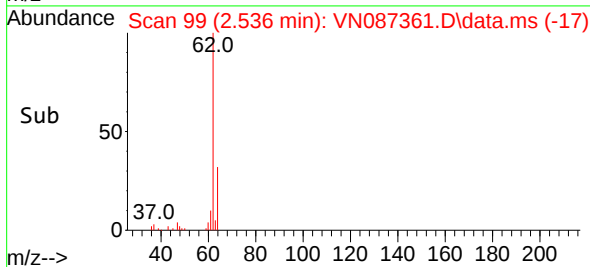
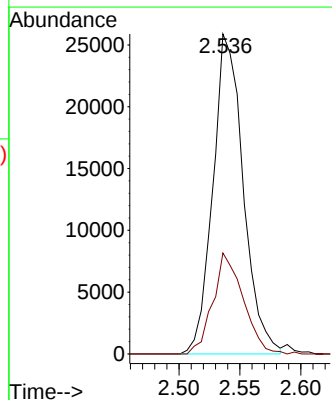
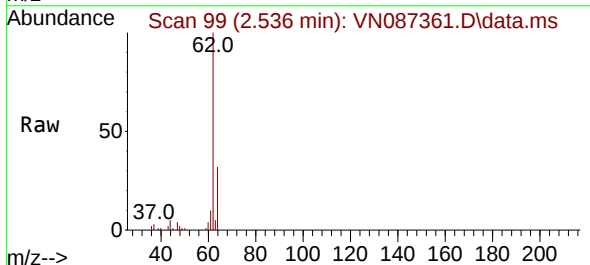
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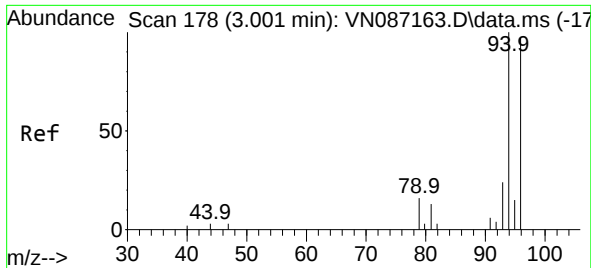
Reviewed By :John Carlone 07/21/2025
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#4
Vinyl Chloride
Concen: 15.819 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

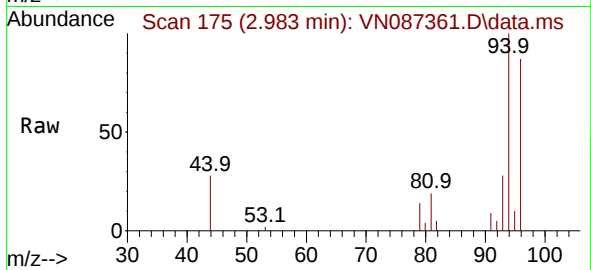
Tgt Ion: 62 Resp: 44855
Ion Ratio Lower Upper
62 100
64 31.6 27.4 41.2





#5
Bromomethane
Concen: 12.202 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

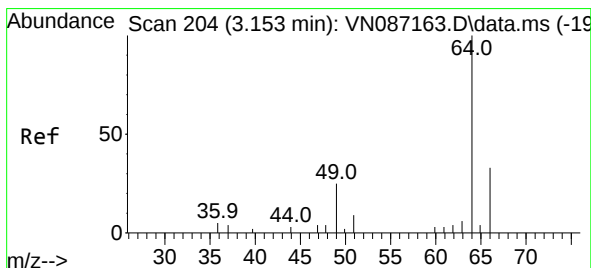
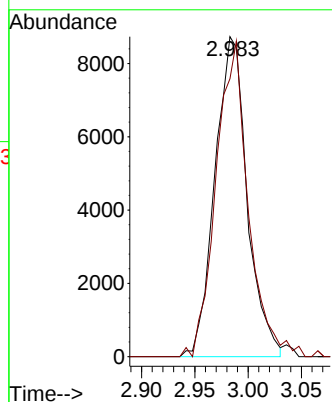
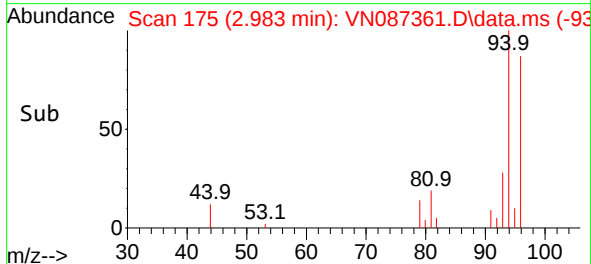
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Tgt Ion: 94 Resp: 1836
Ion Ratio Lower Upper
94 100
96 86.9 77.9 116.9

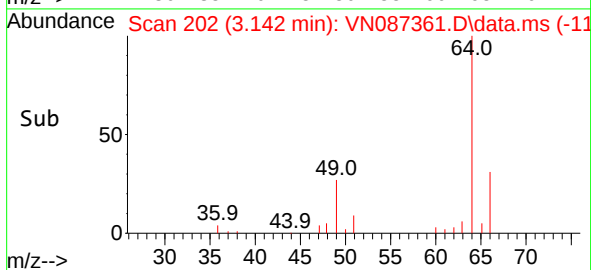
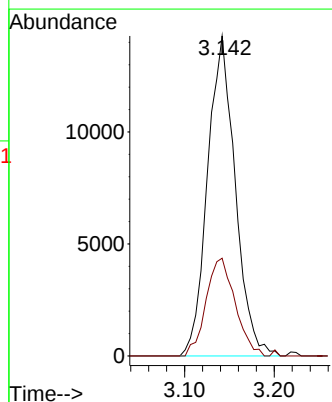
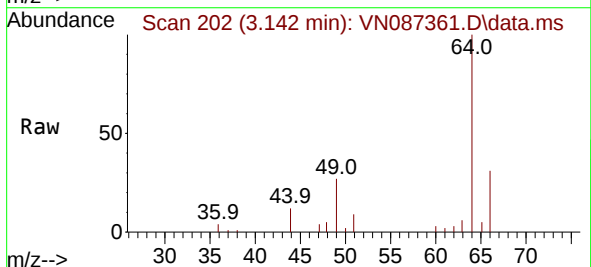
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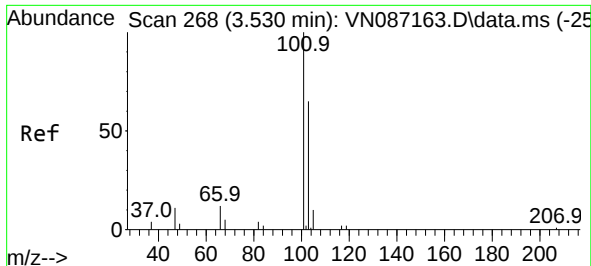
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#6
Chloroethane
Concen: 20.142 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.012 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

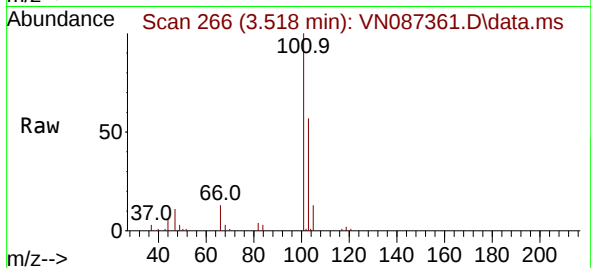
Tgt Ion: 64 Resp: 30637
Ion Ratio Lower Upper
64 100
66 30.6 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 20.047 ug/l
 RT: 3.518 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VN087361.D
 Acq: 18 Jul 2025 13:16

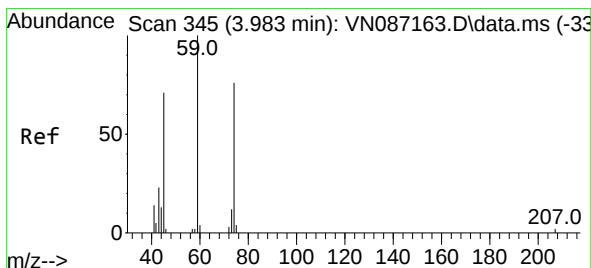
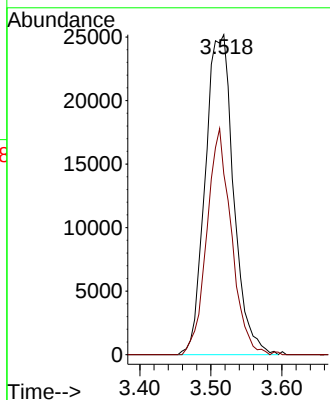
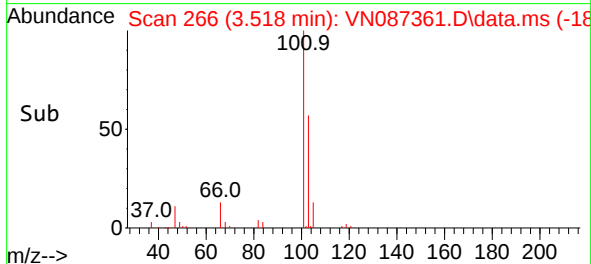
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01



Tgt Ion:101 Resp: 6972
 Ion Ratio Lower Upper
 101 100
 103 56.5 51.8 77.8

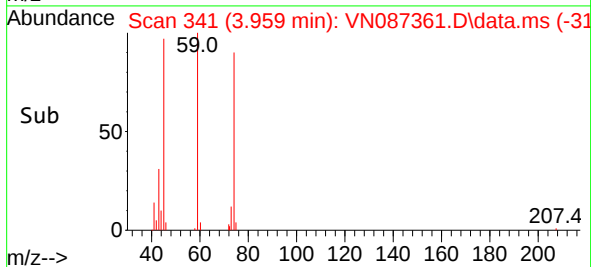
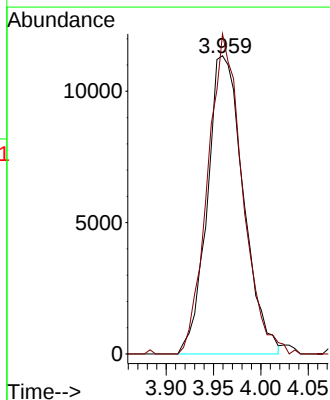
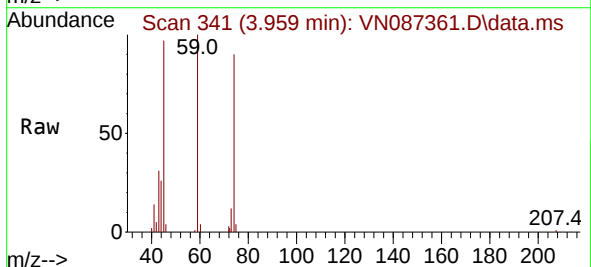
Manual Integrations
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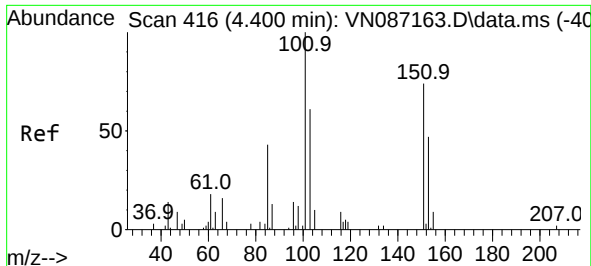
Reviewed By :John Carlone 07/21/2025
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#8
 Diethyl Ether
 Concen: 17.608 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.023 min
 Lab File: VN087361.D
 Acq: 18 Jul 2025 13:16

Tgt Ion: 74 Resp: 30088
 Ion Ratio Lower Upper
 74 100
 45 103.4 19.0 171.0





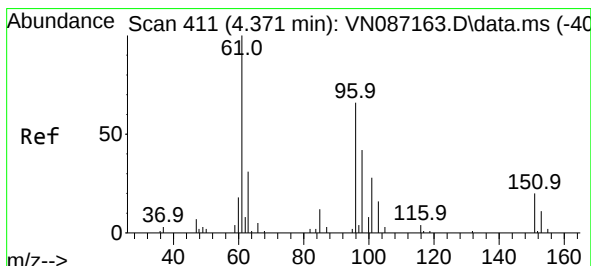
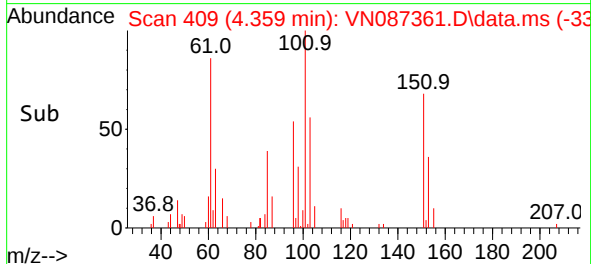
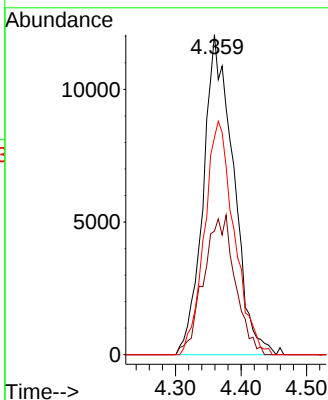
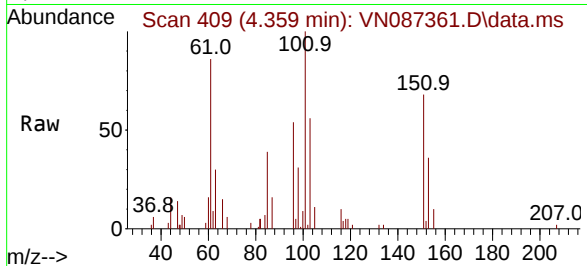
#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.948 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.041 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tgt Ion:101 Resp: 38544
Ion Ratio Lower Upper
101 100
85 28.1 0.0 40.6
151 71.8 0.0 141.2

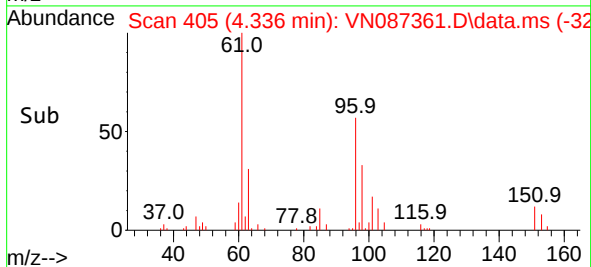
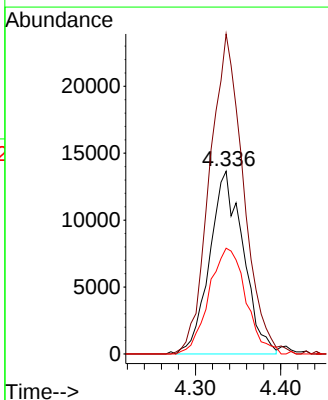
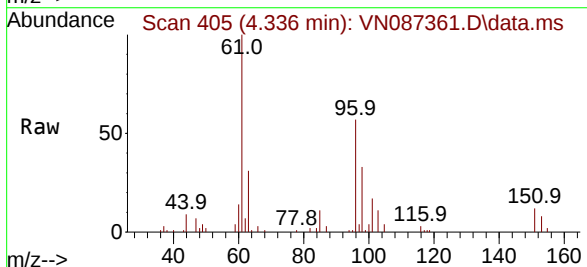
Manual Integrations
APPROVED

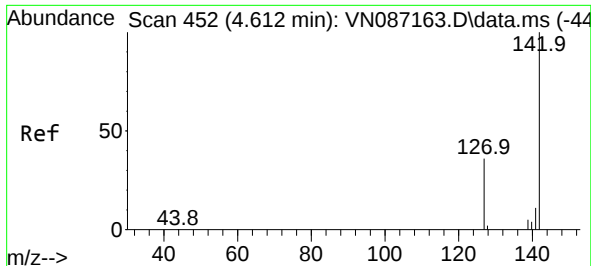
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#10
1,1-Dichloroethene
Concen: 14.548 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.035 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

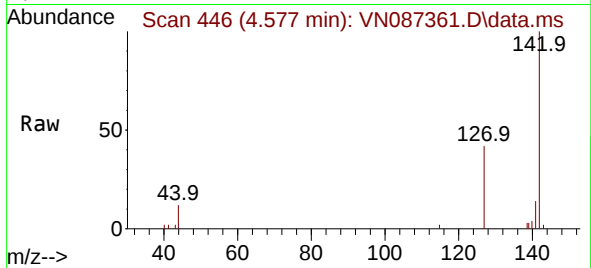
Tgt Ion: 96 Resp: 37395
Ion Ratio Lower Upper
96 100
61 174.1 122.0 183.0
98 57.9 50.3 75.5





#11
Methyl Iodide
Concen: 11.596 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.035 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

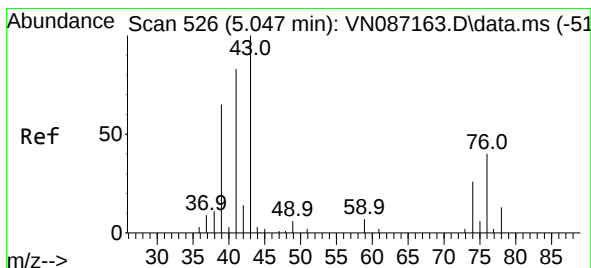
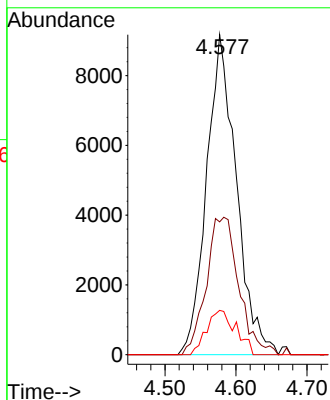
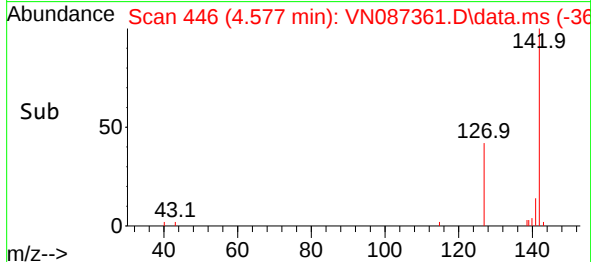
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion:142 Resp: 26704
Ion Ratio Lower Upper
142 100
127 41.5 18.1 54.1
141 13.8 5.7 17.1

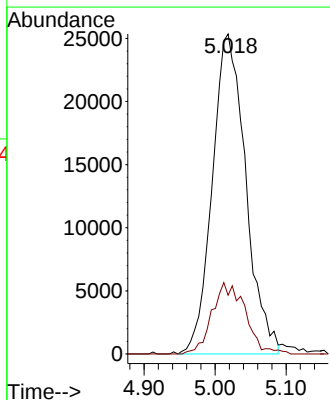
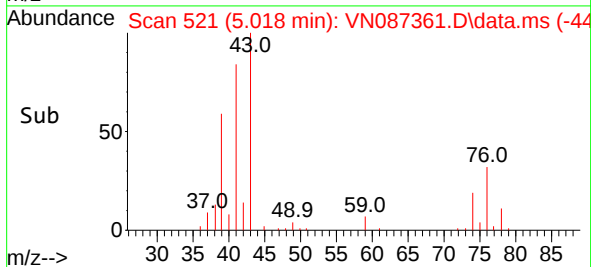
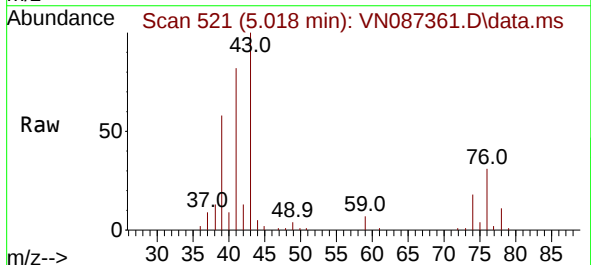
Manual Integrations
APPROVED

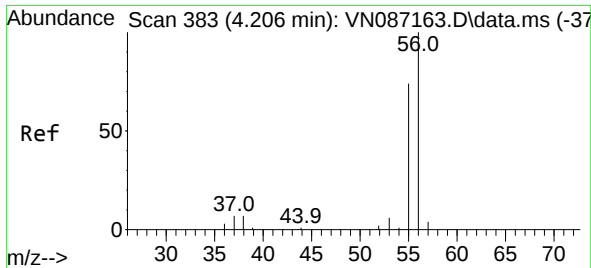
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#12
Methyl Acetate
Concen: 20.548 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.029 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Tgt Ion: 43 Resp: 82847
Ion Ratio Lower Upper
43 100
74 18.0 20.3 30.5#





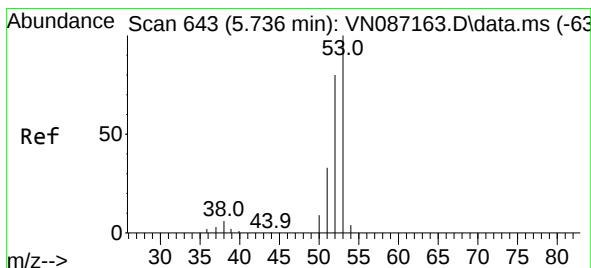
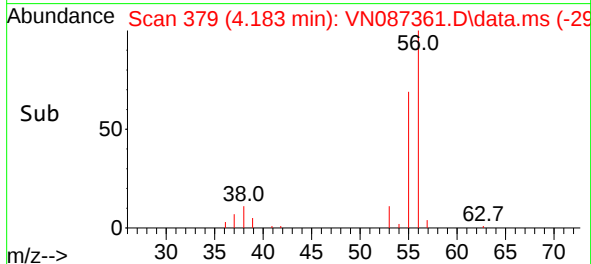
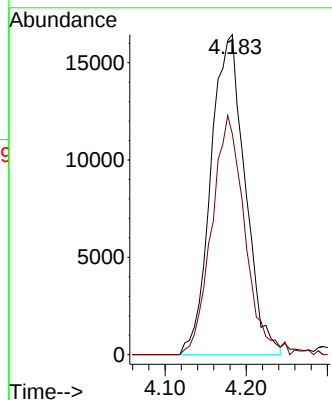
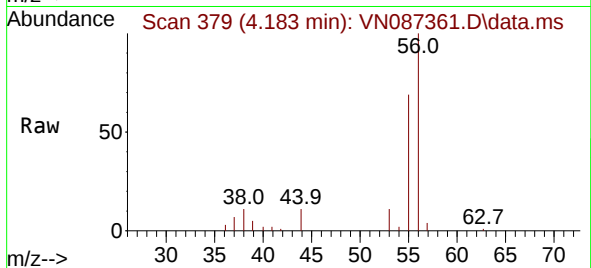
#13
Acrolein
Concen: 77.621 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tgt Ion: 56 Resp: 48089
Ion Ratio Lower Upper
56 100
55 71.6 55.7 83.5

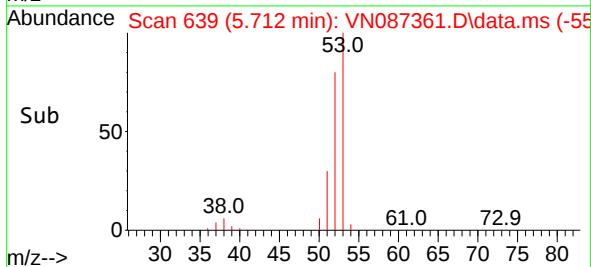
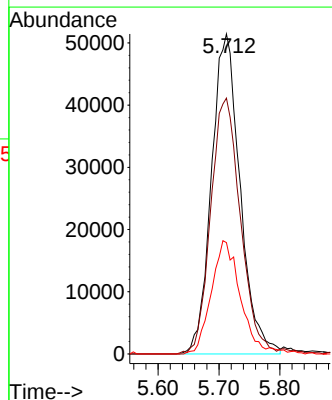
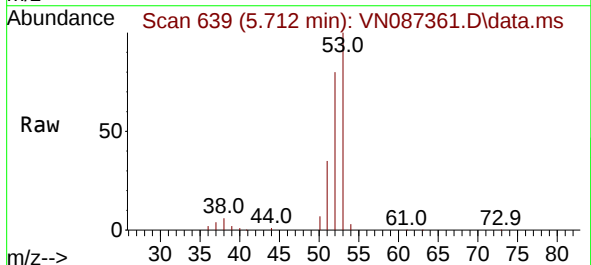
Manual Integrations
APPROVED

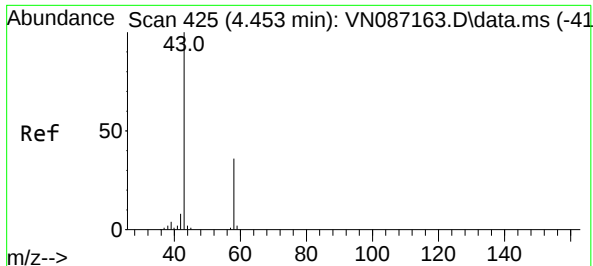
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#14
Acrylonitrile
Concen: 89.018 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

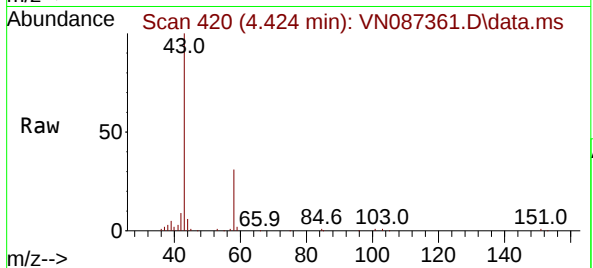
Tgt Ion: 53 Resp: 167411
Ion Ratio Lower Upper
53 100
52 82.1 40.5 121.5
51 35.3 16.9 50.7





#15
Acetone
Concen: 89.378 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.029 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

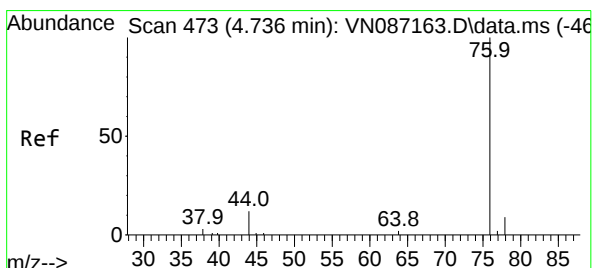
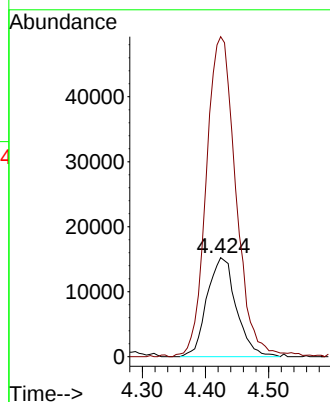
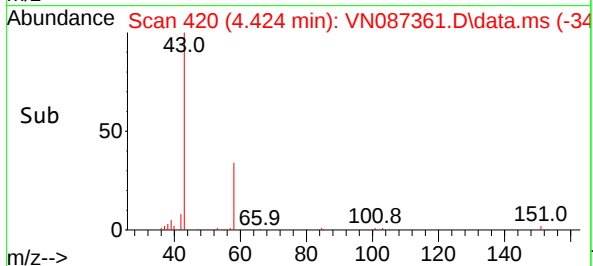
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



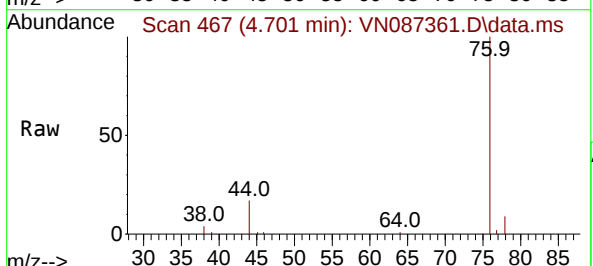
Tgt Ion: 58 Resp: 4903
Ion Ratio Lower Upper
58 100
43 320.3 224.3 336.5

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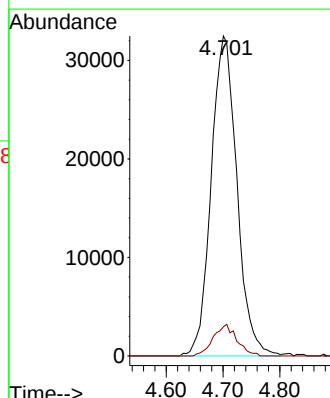
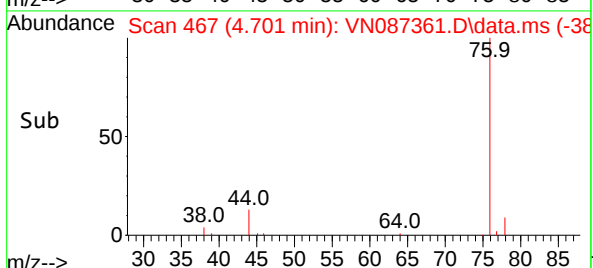
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

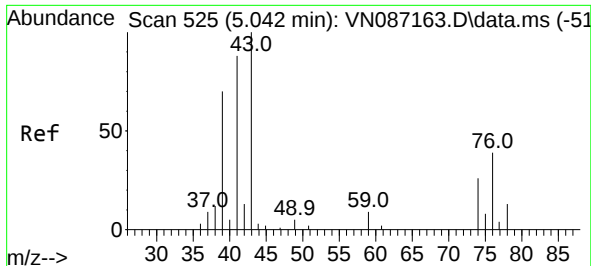


#16
Carbon Disulfide
Concen: 13.604 ug/l
RT: 4.701 min Scan# 467
Delta R.T. -0.035 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16



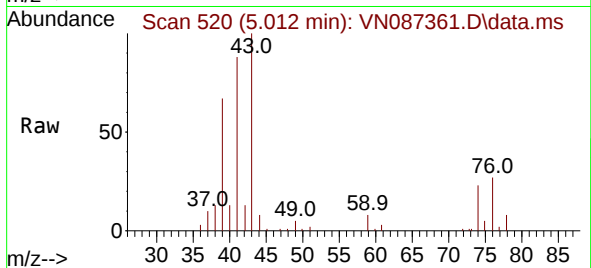
Tgt Ion: 76 Resp: 102241
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





#17
 Allyl chloride
 Concen: 17.708 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.029 min
 Lab File: VN087361.D
 Acq: 18 Jul 2025 13:16

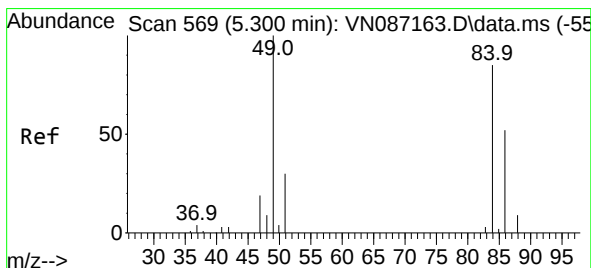
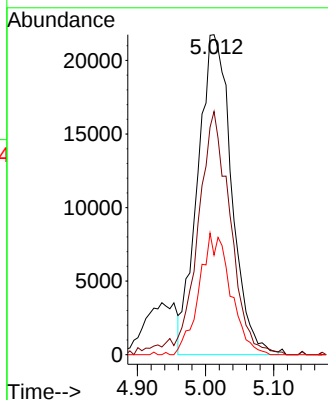
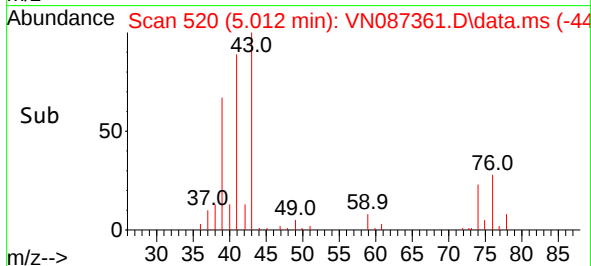
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01



Tgt Ion: 41 Resp: 75070
 Ion Ratio Lower Upper
 41 100
 39 75.8 36.0 108.0
 76 31.4 19.5 58.5

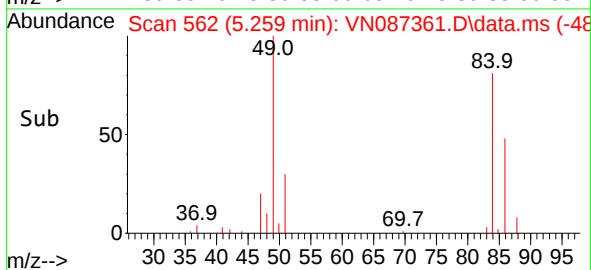
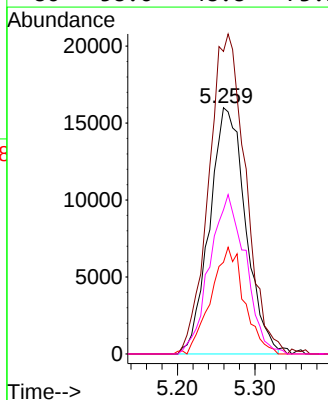
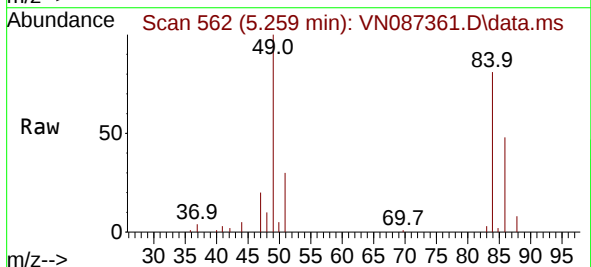
Manual Integrations
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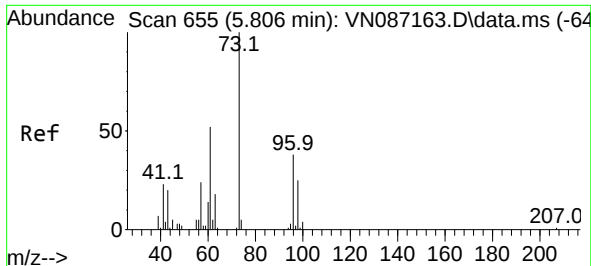
Reviewed By :John Carlone 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#18
 Methylene Chloride
 Concen: 17.367 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. -0.041 min
 Lab File: VN087361.D
 Acq: 18 Jul 2025 13:16

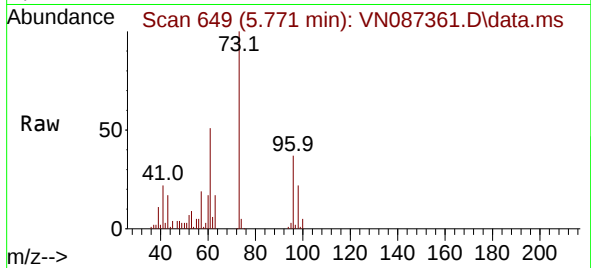
Tgt Ion: 84 Resp: 51714
 Ion Ratio Lower Upper
 84 100
 49 122.9 94.0 141.0
 51 37.2 28.3 42.5
 86 58.6 48.8 73.2





#19
trans-1,2-Dichloroethene
Concen: 15.373 ug/l
RT: 5.771 min Scan# 64
Delta R.T. -0.035 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

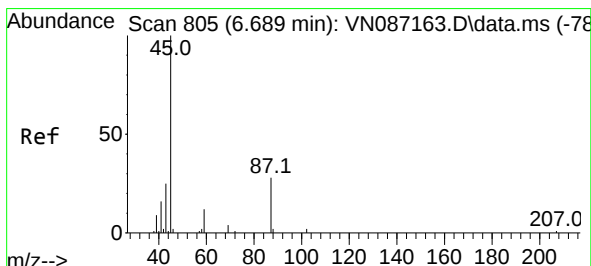
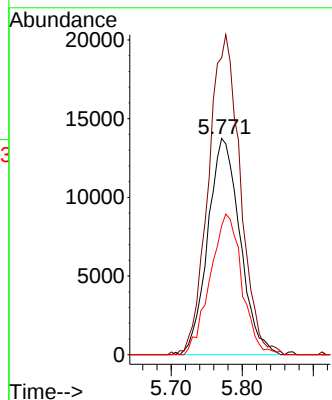
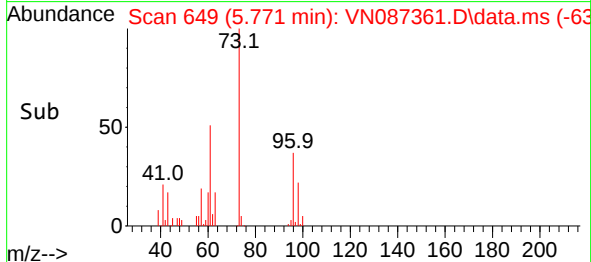
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion: 96 Resp: 43214
Ion Ratio Lower Upper
96 100
61 135.5 110.3 165.5
98 59.7 51.6 77.4

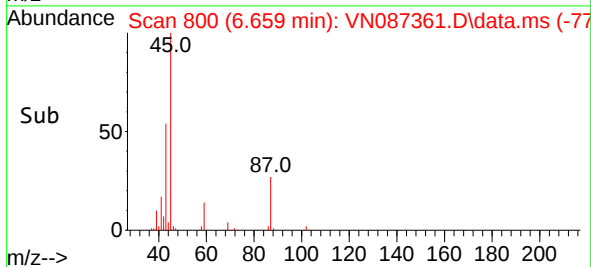
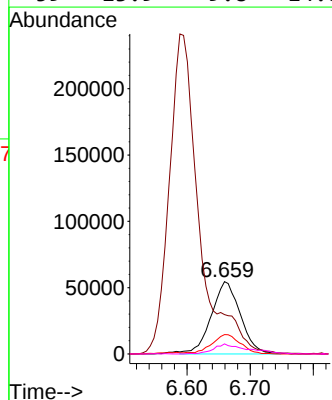
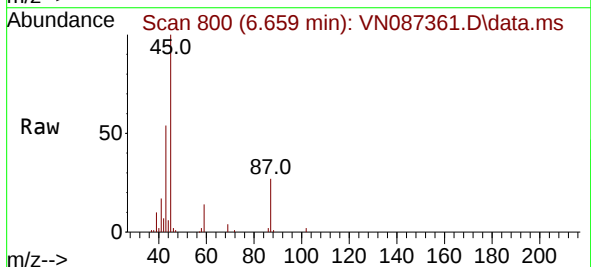
Manual Integrations
APPROVED

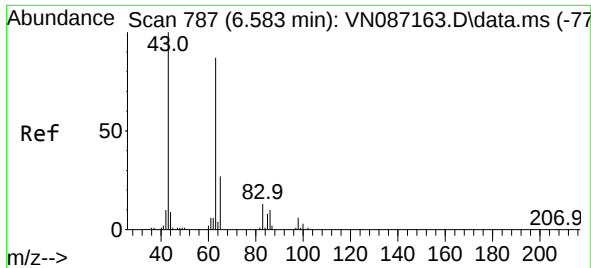
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#20
Diisopropyl ether
Concen: 19.292 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.029 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

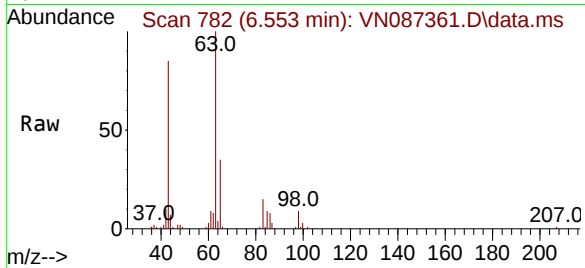
Tgt Ion: 45 Resp: 173529
Ion Ratio Lower Upper
45 100
43 53.3 45.3 67.9
87 26.9 22.6 33.8
59 13.9 9.8 14.8





#21
1,1-Dichloroethane
Concen: 17.660 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.029 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

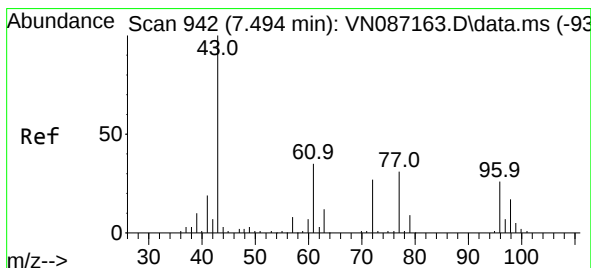
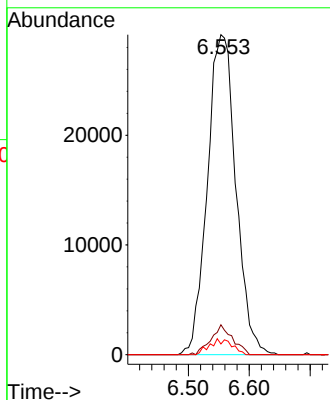
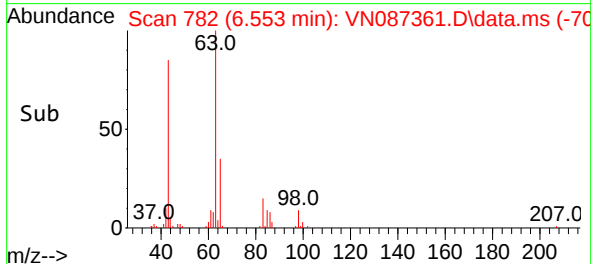
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion: 63 Resp: 94938
Ion Ratio Lower Upper
63 100
98 9.4 3.5 10.4
100 3.4 2.0 5.8

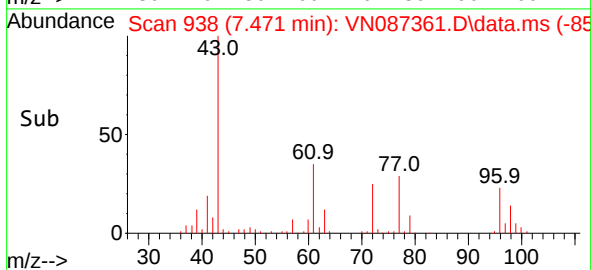
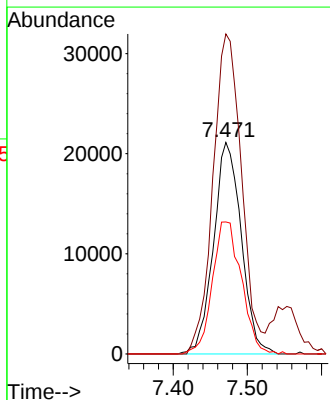
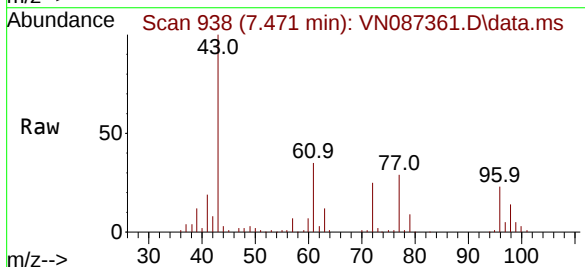
Manual Integrations
APPROVED

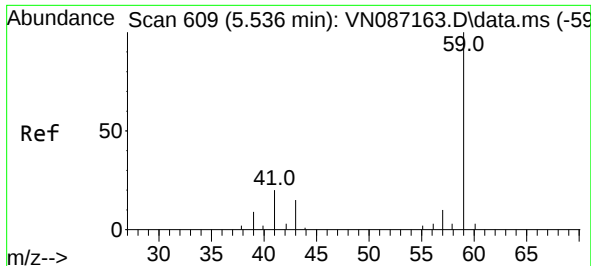
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#22
cis-1,2-Dichloroethene
Concen: 16.808 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

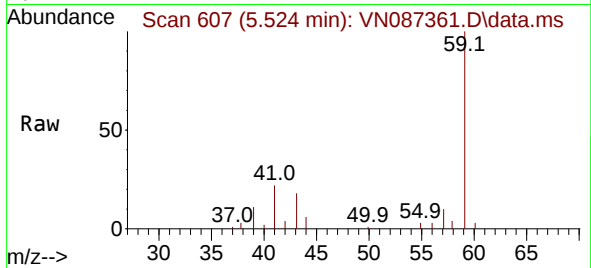
Tgt Ion: 96 Resp: 54987
Ion Ratio Lower Upper
96 100
61 155.9 119.2 178.8
98 65.2 50.6 75.8





#23
tert-Butyl Alcohol
Concen: 84.418 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

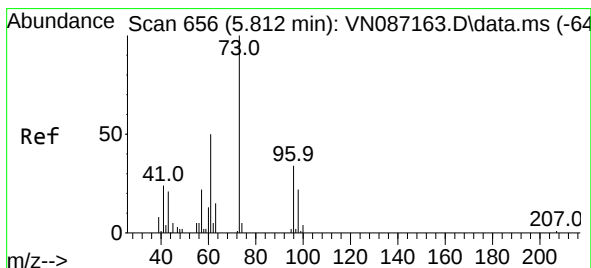
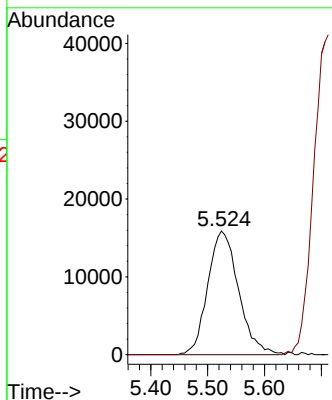
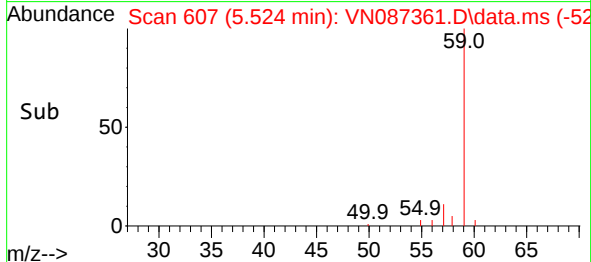
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion: 59 Resp: 59700
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

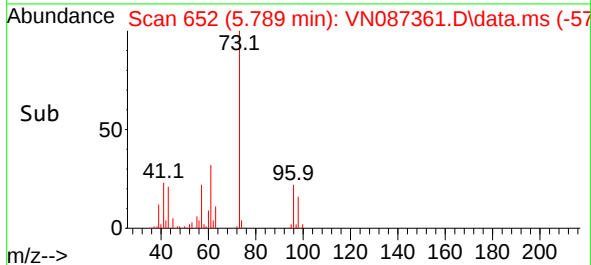
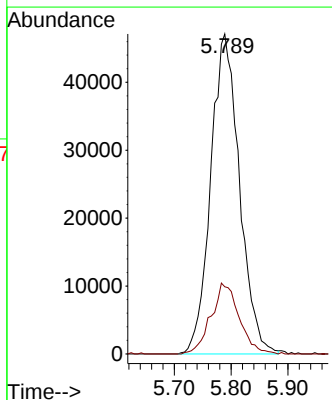
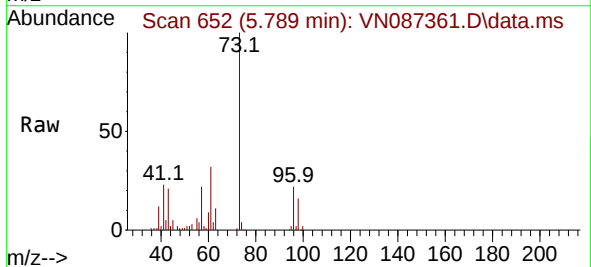
Manual Integrations
APPROVED

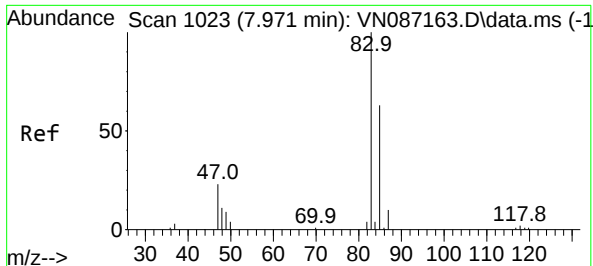
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#24
Methyl tert-Butyl Ether
Concen: 18.384 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Tgt Ion: 73 Resp: 165732
Ion Ratio Lower Upper
73 100
43 21.6 16.4 24.6





#25

Chloroform

Concen: 19.028 ug/l

RT: 7.953 min Scan# 1069

Delta R.T. -0.018 min

Lab File: VN087361.D

Acq: 18 Jul 2025 13:16

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

Tgt Ion: 83 Resp: 9800

Ion Ratio Lower Upper

83 100

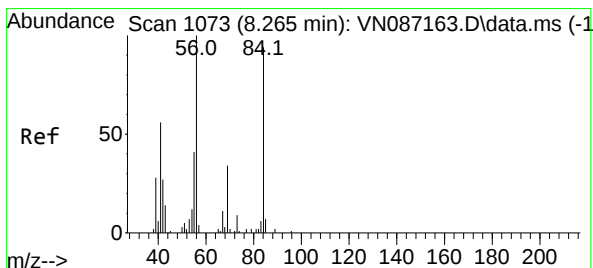
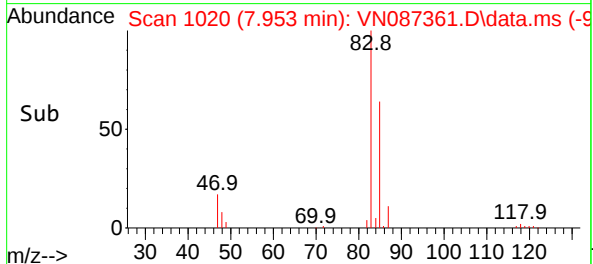
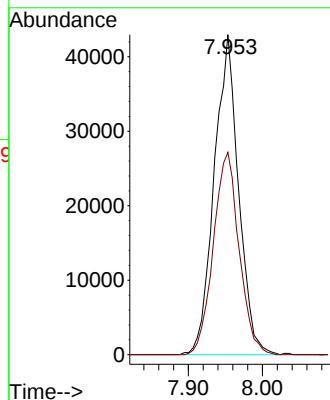
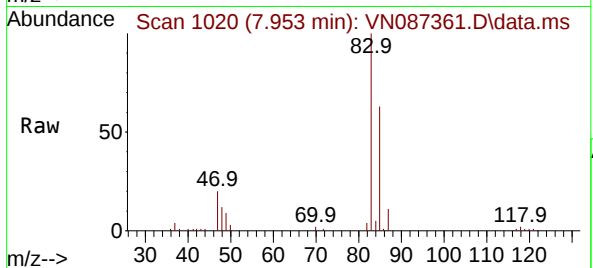
85 63.3 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#26

Cyclohexane

Concen: 14.563 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.023 min

Lab File: VN087361.D

Acq: 18 Jul 2025 13:16

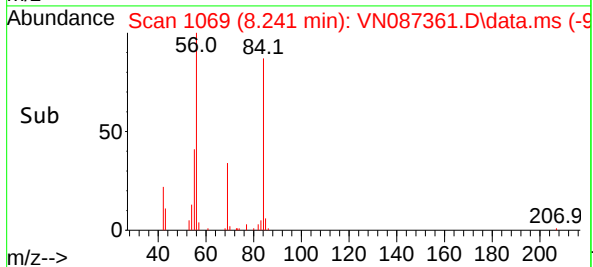
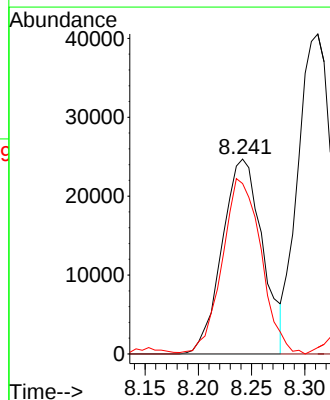
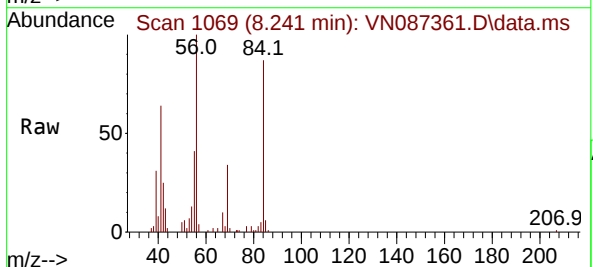
Tgt Ion: 56 Resp: 65075

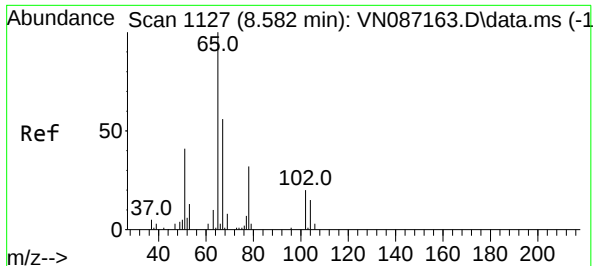
Ion Ratio Lower Upper

56 100

89 0.0 6.9 10.3#

84 86.5 69.1 103.7





#27

1,2-Dichloroethane-d4

Concen: 32.381 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.023 min

Lab File: VN087361.D

Acq: 18 Jul 2025 13:16

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

Tgt Ion: 65 Resp: 10352

Ion Ratio Lower Upper

65 100

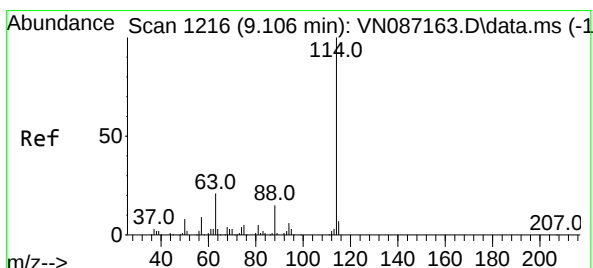
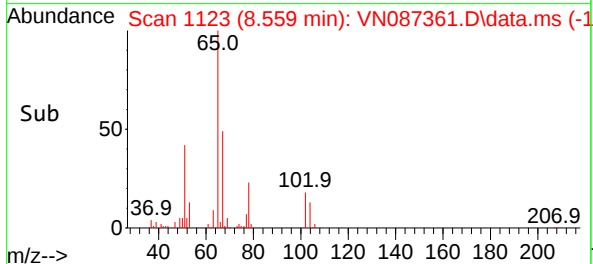
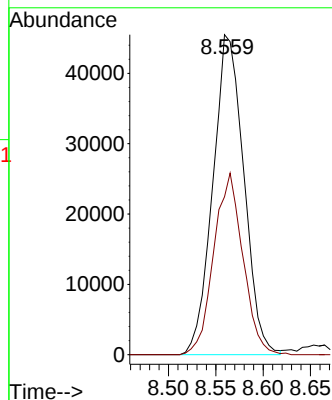
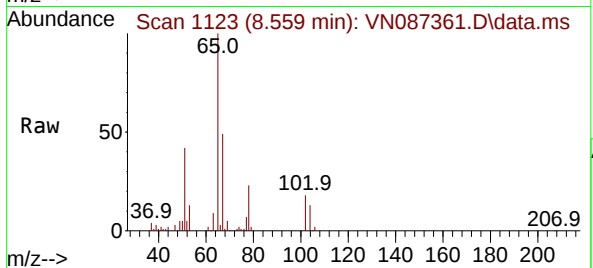
67 53.4 41.9 62.9

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: VN087361.D

Acq: 18 Jul 2025 13:16

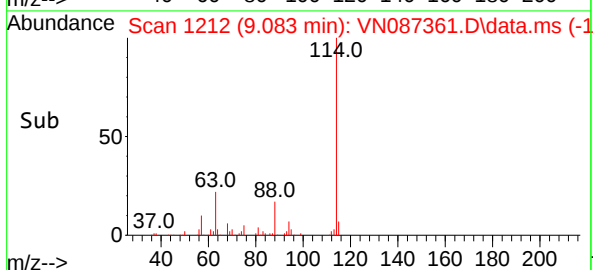
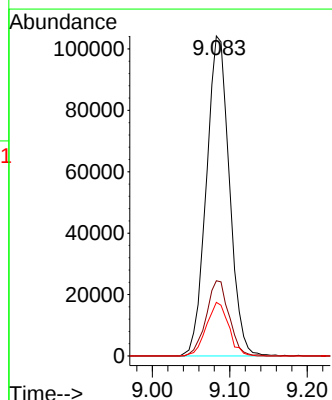
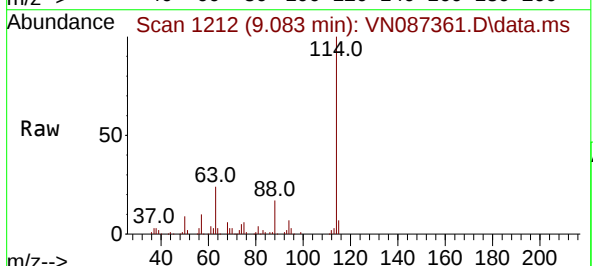
Tgt Ion:114 Resp: 214950

Ion Ratio Lower Upper

114 100

63 23.2 17.0 25.4

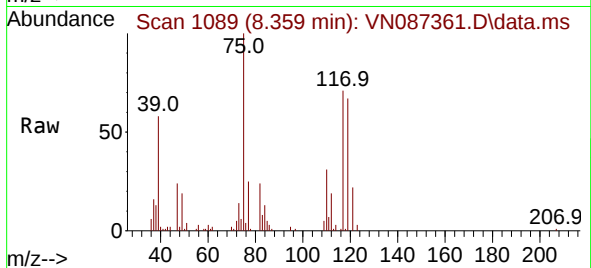
88 16.2 12.6 19.0





#29
1,1-Dichloropropene
Concen: 18.192 ug/l
RT: 8.359 min Scan# 1092
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

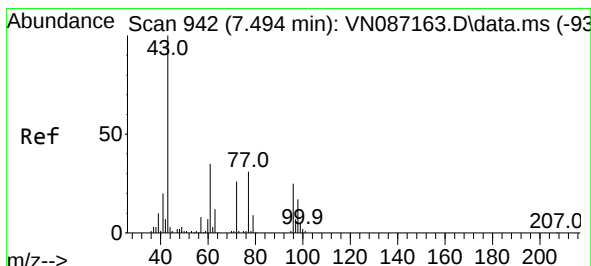
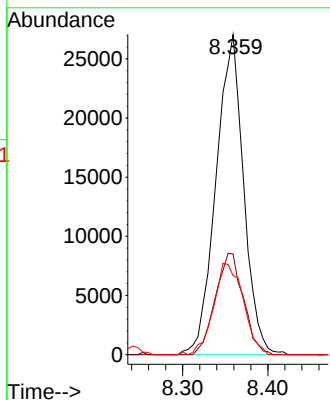
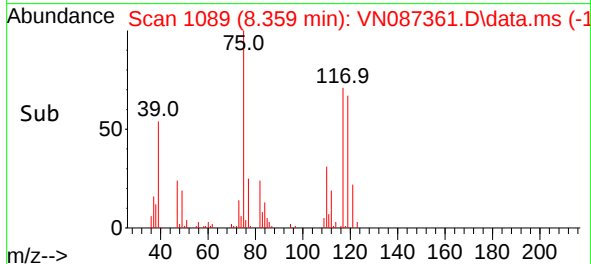
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion: 75 Resp: 60948
Ion Ratio Lower Upper
75 100
110 31.9 0.0 69.2
77 30.7 0.0 61.8

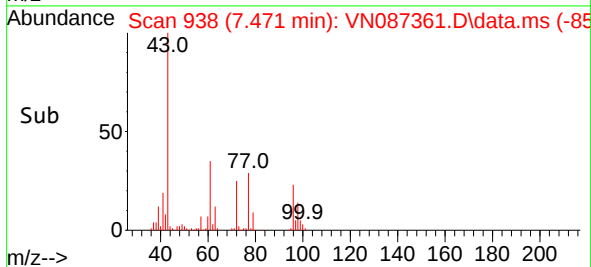
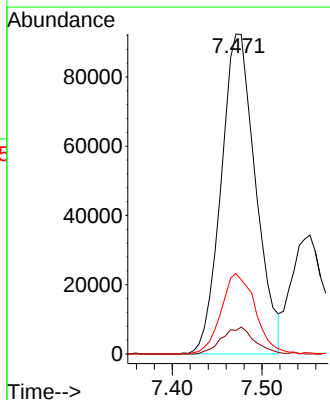
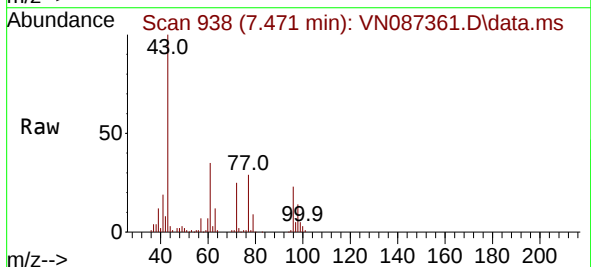
Manual Integrations
APPROVED

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



#30
2-Butanone
Concen: 109.279 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Tgt Ion: 43 Resp: 246967
Ion Ratio Lower Upper
43 100
57 7.9 6.3 9.5
72 24.8 21.8 32.6





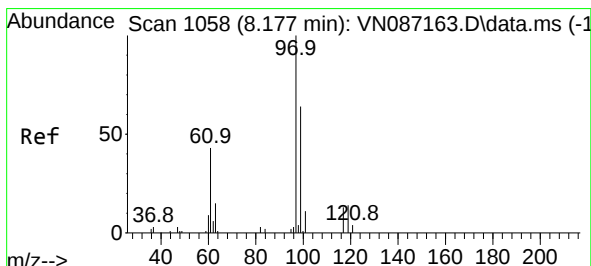
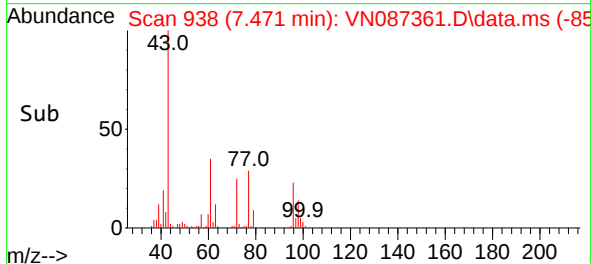
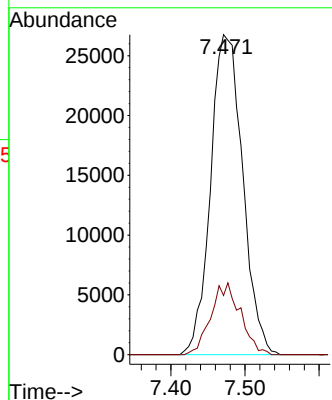
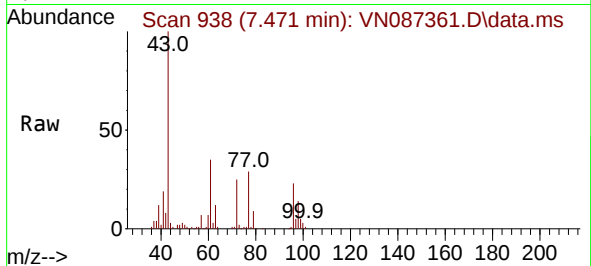
#31
2,2-Dichloropropane
Concen: 19.905 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.029 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tgt Ion: 77 Resp: 8050
Ion Ratio Lower Upper
77 100
97 20.4 18.4 27.6

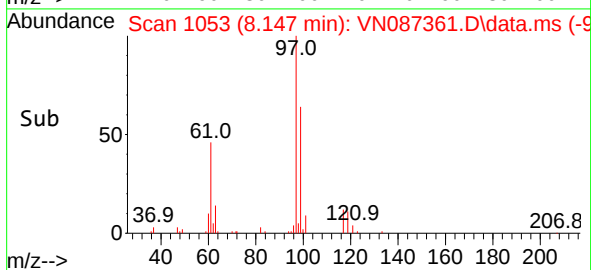
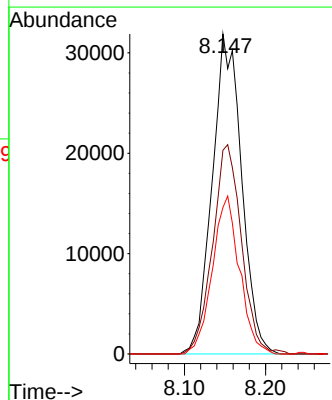
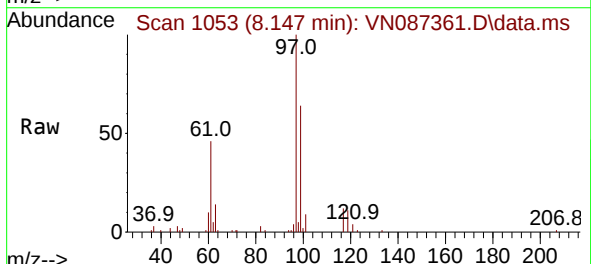
Manual Integrations
APPROVED

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



#32
1,1,1-Trichloroethane
Concen: 20.445 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.029 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

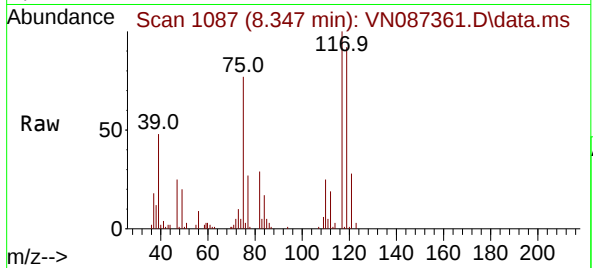
Tgt Ion: 97 Resp: 80024
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 45.8 36.1 54.1





#33
Carbon Tetrachloride
Concen: 20.536 ug/l
RT: 8.347 min Scan# 1091
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

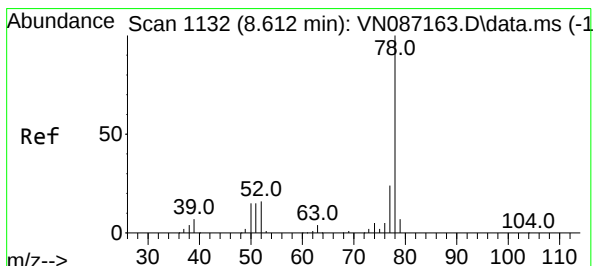
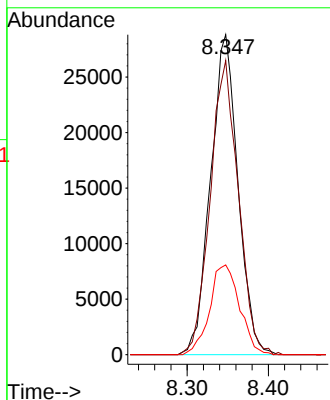
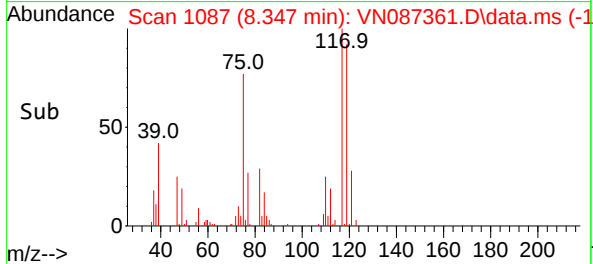
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion:117 Resp: 6764
Ion Ratio Lower Upper
117 100
119 91.9 75.8 113.6
121 28.0 26.2 39.4

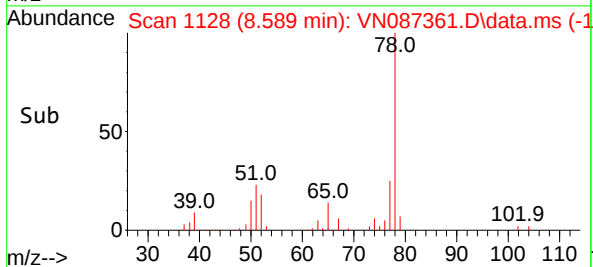
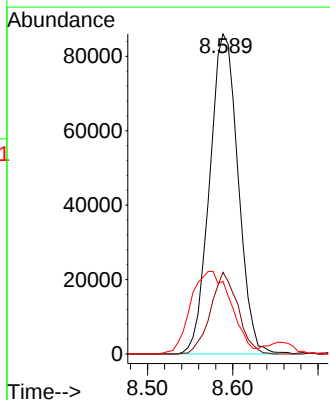
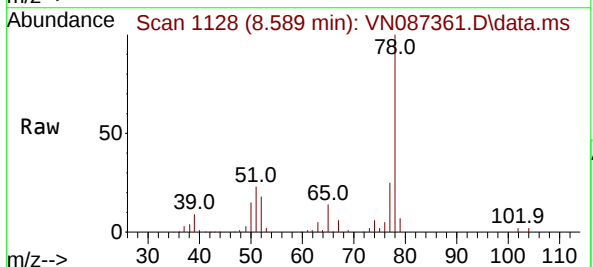
Manual Integrations
APPROVED

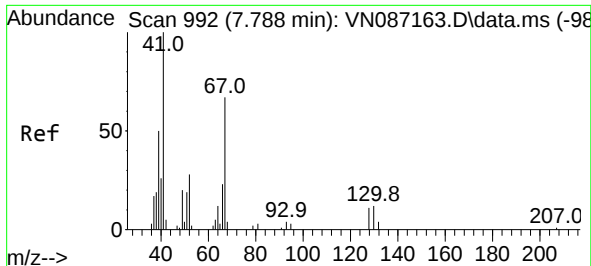
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#34
Benzene
Concen: 18.827 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

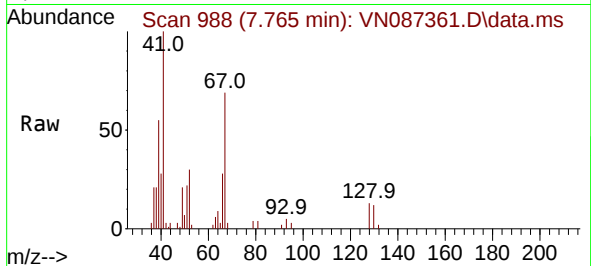
Tgt Ion: 78 Resp: 199829
Ion Ratio Lower Upper
78 100
77 25.5 19.5 29.3
51 19.3 14.8 22.2





#35
Methacrylonitrile
Concen: 22.041 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

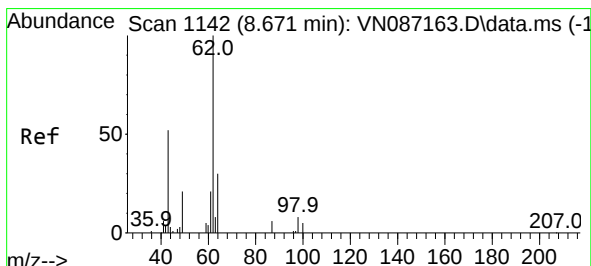
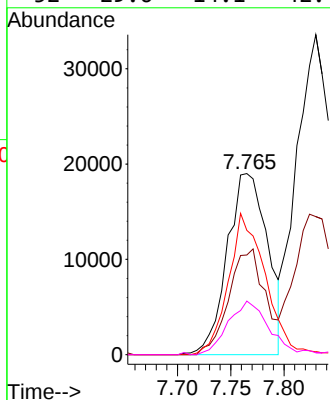
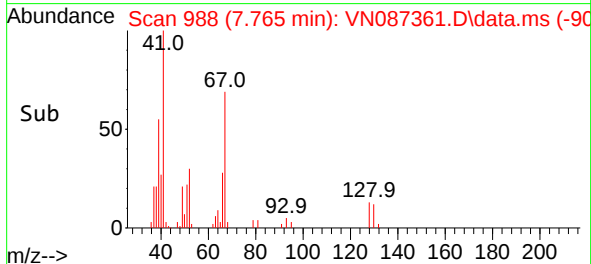
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion: 41	Resp: 50200
Ion Ratio	Lower Upper
41 100	
39 55.1	24.4 73.2
67 68.7	33.3 99.8
52 29.6	14.1 42.4

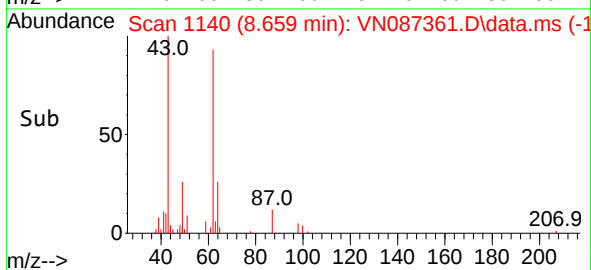
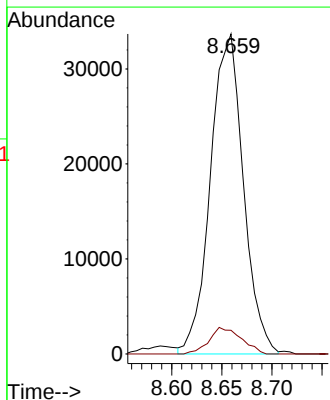
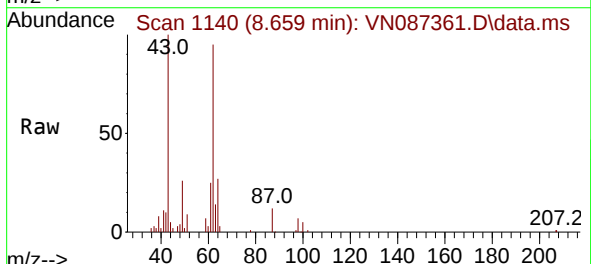
Manual Integrations
APPROVED

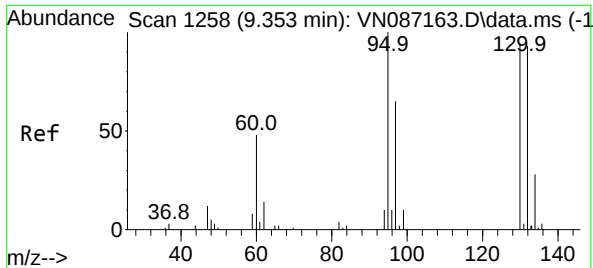
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#36
1,2-Dichloroethane
Concen: 22.457 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.012 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Tgt Ion: 62	Resp: 77012
Ion Ratio	Lower Upper
62 100	
98 8.1	7.2 10.8





#37

Trichloroethene

Concen: 18.304 ug/l

RT: 9.336 min Scan# 1255

Delta R.T. -0.018 min

Lab File: VN087361.D

Acq: 18 Jul 2025 13:16

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

Tgt Ion:130 Resp: 4481

Ion Ratio Lower Upper

130 100

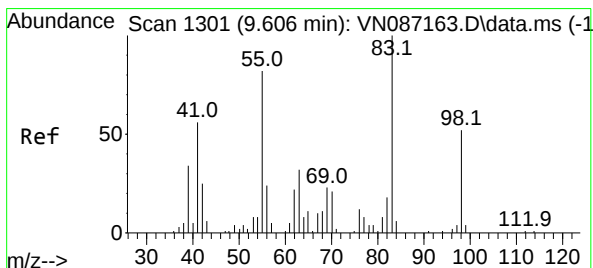
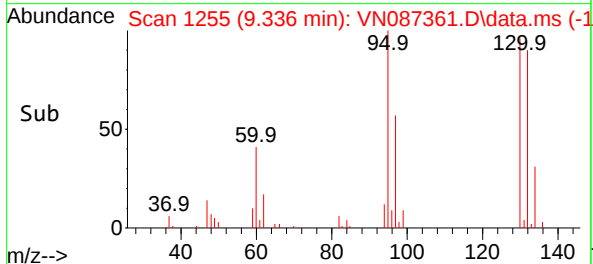
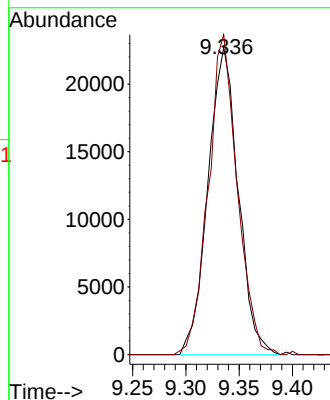
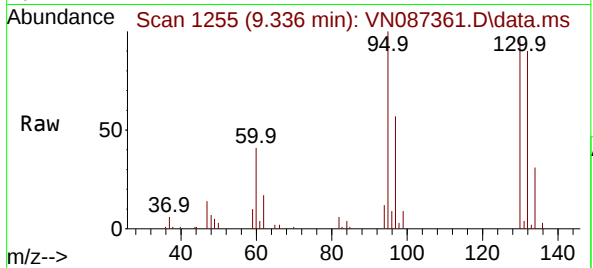
95 104.2 85.3 127.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#38

Methylcyclohexane

Concen: 16.544 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. -0.023 min

Lab File: VN087361.D

Acq: 18 Jul 2025 13:16

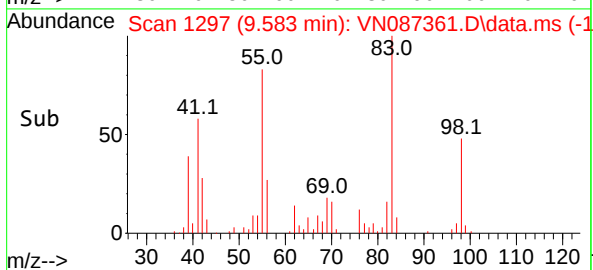
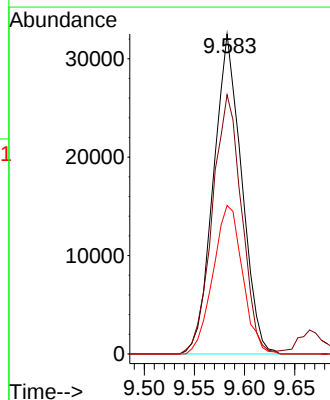
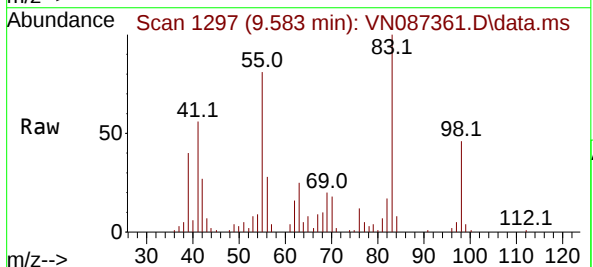
Tgt Ion: 83 Resp: 63597

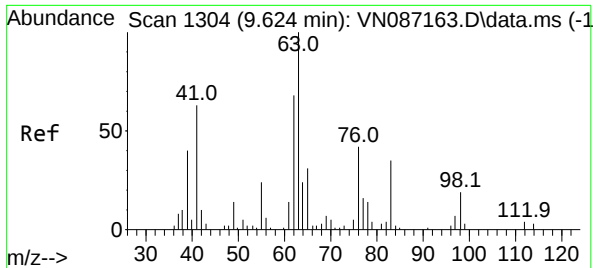
Ion Ratio Lower Upper

83 100

55 84.0 40.1 120.2

98 48.6 24.4 73.2





#39

1,2-Dichloropropane

Concen: 19.443 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN087361.D

Acq: 18 Jul 2025 13:16

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

Tgt Ion: 63 Resp: 5179

Ion Ratio Lower Upper

63 100

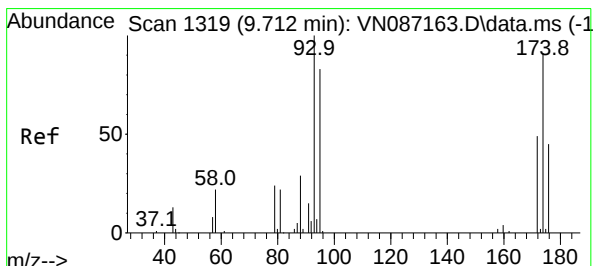
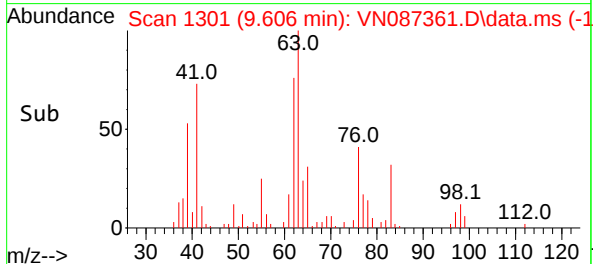
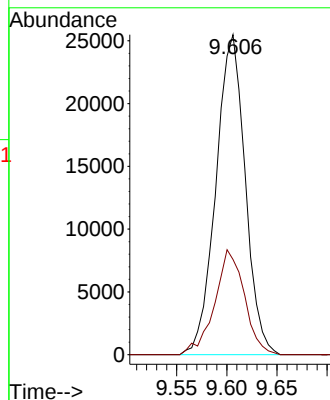
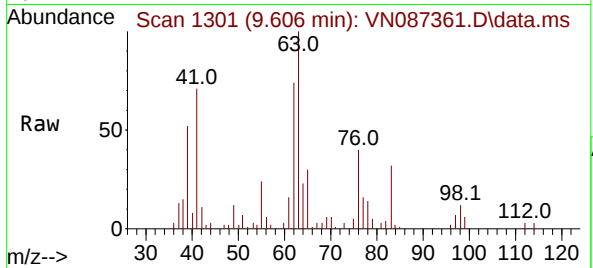
65 29.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#40

Dibromomethane

Concen: 20.914 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.018 min

Lab File: VN087361.D

Acq: 18 Jul 2025 13:16

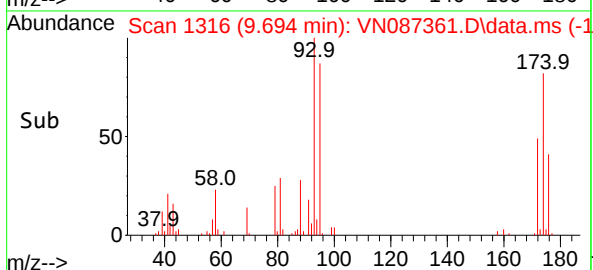
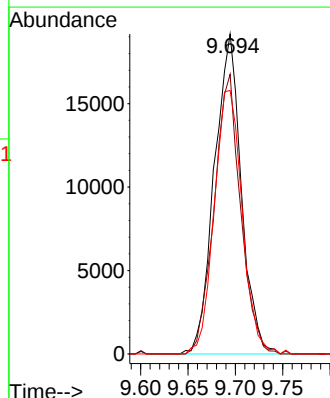
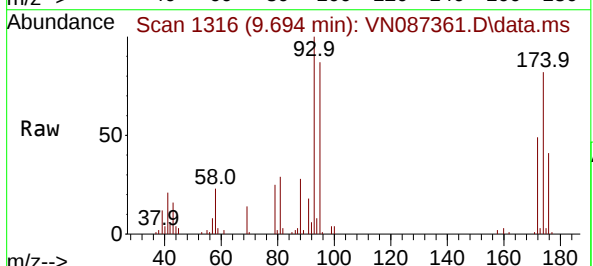
Tgt Ion: 93 Resp: 37885

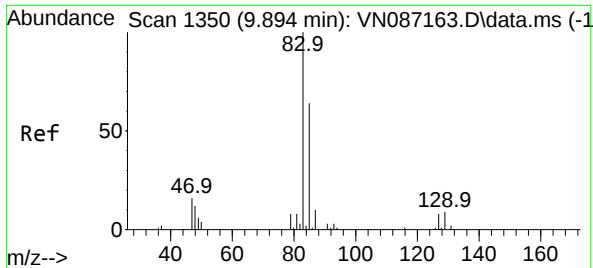
Ion Ratio Lower Upper

93 100

95 85.6 0.0 170.8

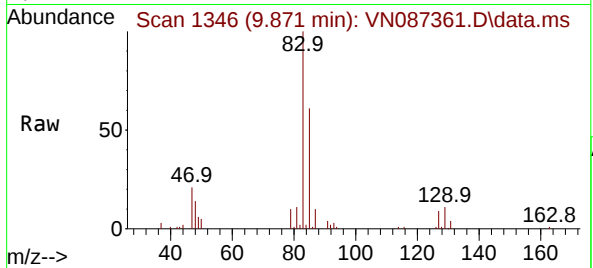
174 85.4 0.0 176.6





#41
Bromodichloromethane
Concen: 21.575 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

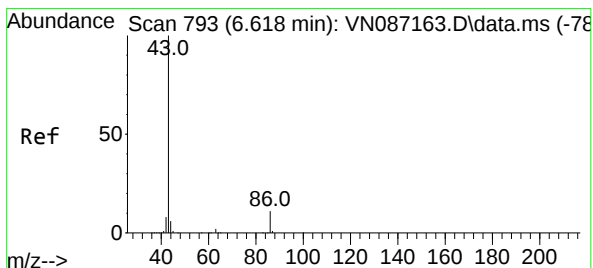
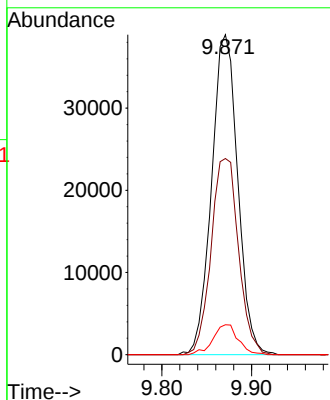
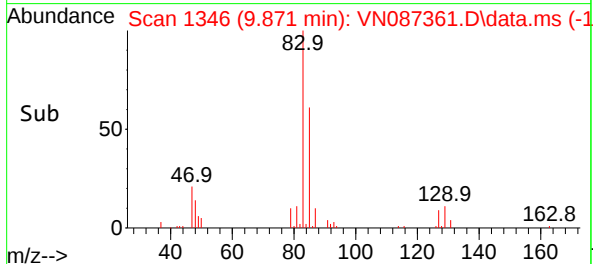
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion: 83 Resp: 7888
Ion Ratio Lower Upper
83 100
85 61.3 51.4 77.2
127 9.3 6.1 9.1

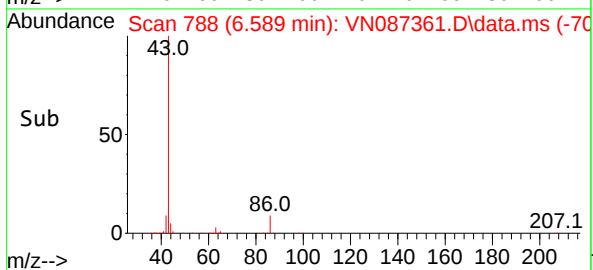
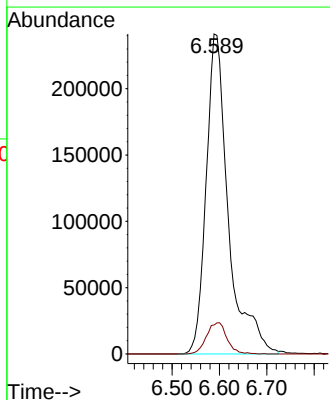
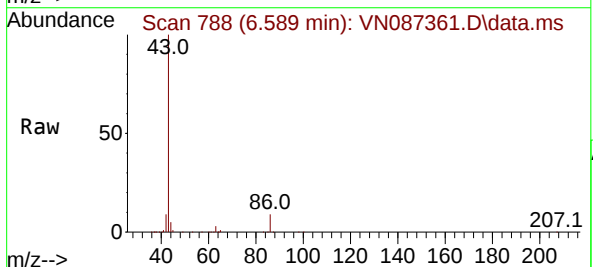
Manual Integrations
APPROVED

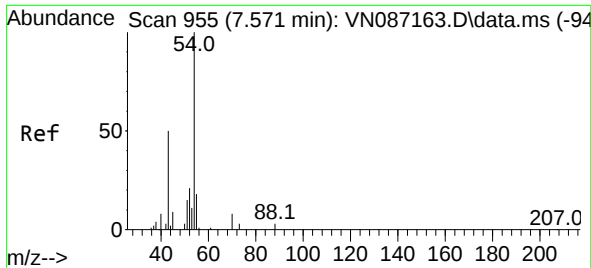
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#42
Vinyl Acetate
Concen: 107.046 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.029 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

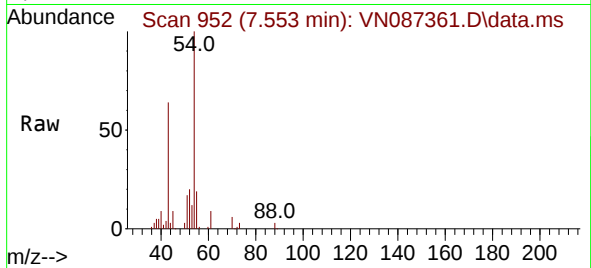
Tgt Ion: 43 Resp: 786848
Ion Ratio Lower Upper
43 100
86 9.0 7.7 11.5





#43
Ethyl Acetate
Concen: 22.575 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

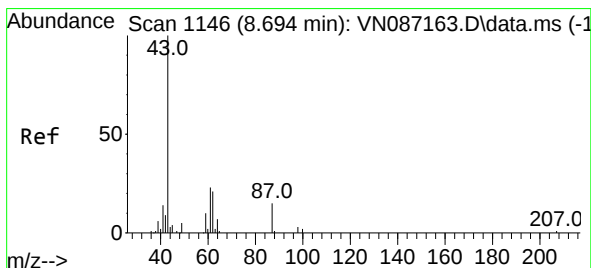
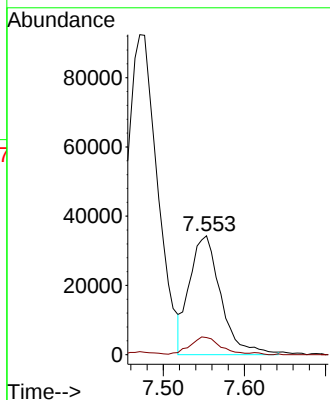
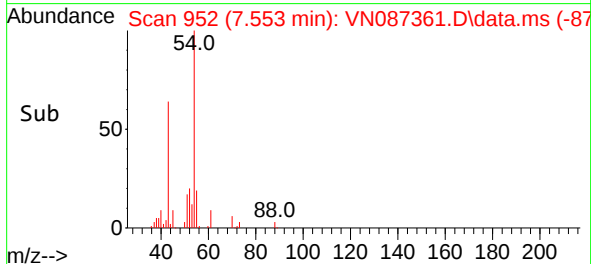
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion: 43 Resp: 92098
Ion Ratio Lower Upper
43 100
45 14.4 11.5 17.3

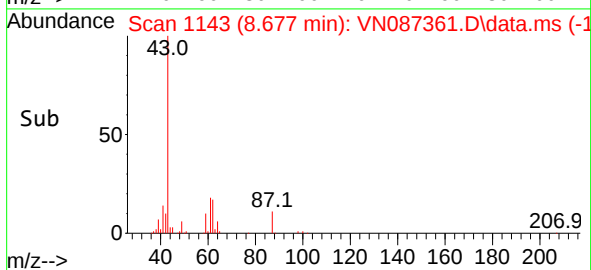
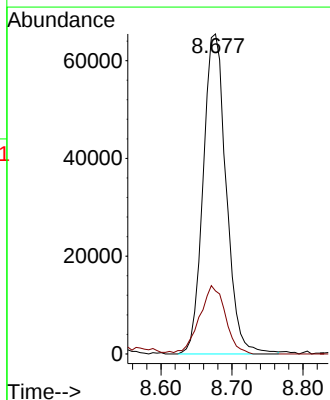
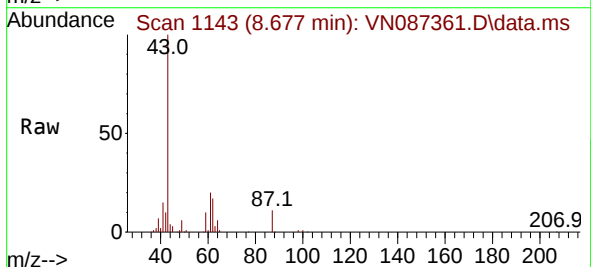
Manual Integrations
APPROVED

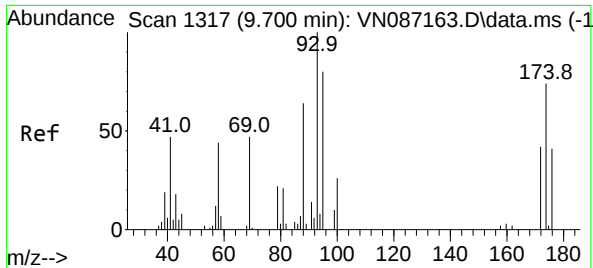
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#44
Isopropyl Acetate
Concen: 22.212 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

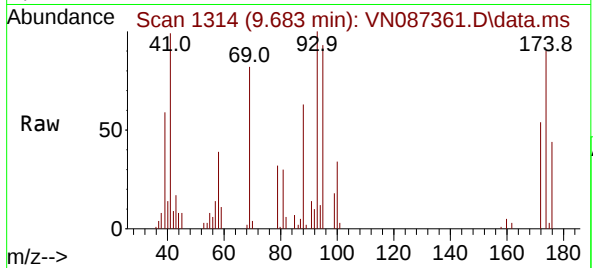
Tgt Ion: 43 Resp: 147643
Ion Ratio Lower Upper
43 100
61 24.0 20.5 30.7





#45
1,4-Dioxane
Concen: 402.741 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

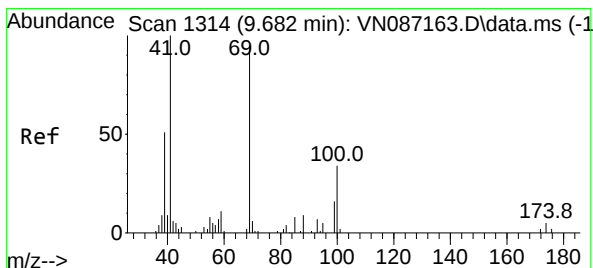
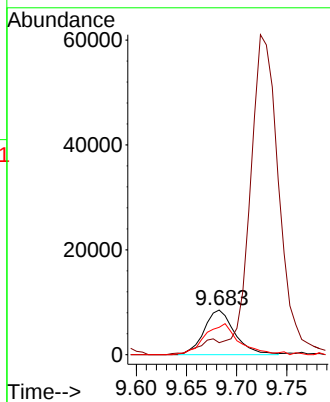
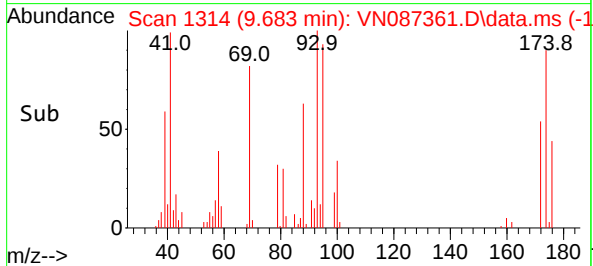
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



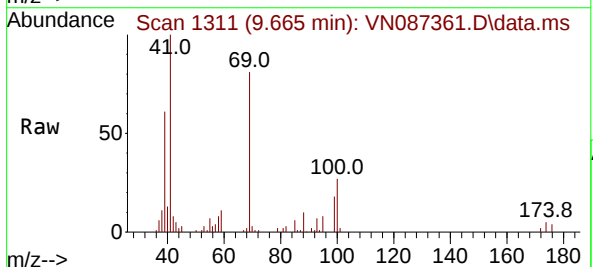
Tgt Ion: 88 Resp: 18109
Ion Ratio Lower Upper
88 100
43 20.6 21.3 31.9
58 76.1 61.7 92.5

Manual Integrations
APPROVED

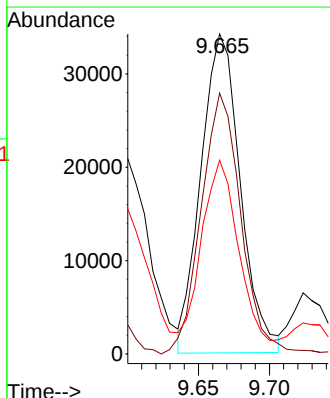
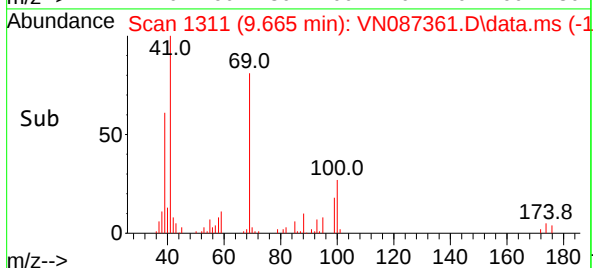
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

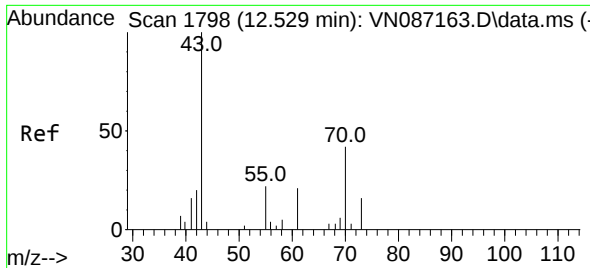


#46
Methyl methacrylate
Concen: 21.353 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16



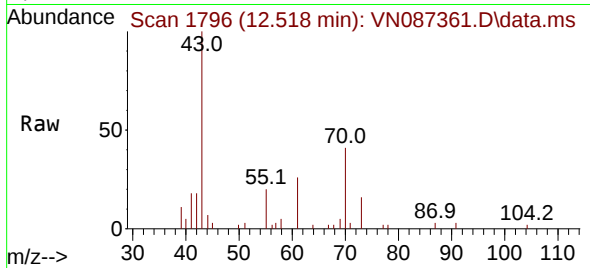
Tgt Ion: 41 Resp: 65982
Ion Ratio Lower Upper
41 100
69 83.0 45.6 136.9
39 59.5 26.2 78.5





#47
n-amy1 Acetate
Concen: 21.896 ug/l m
RT: 12.518 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

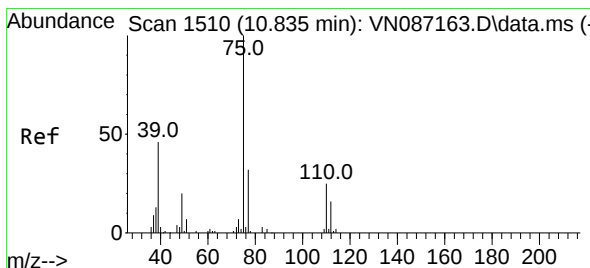
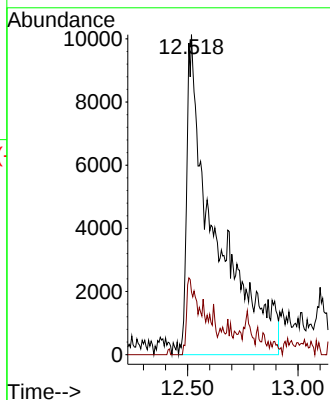
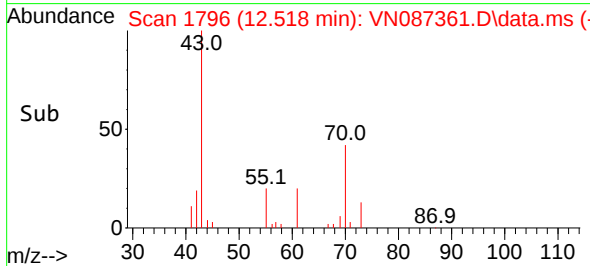
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion: 43 Resp: 8898
Ion Ratio Lower Upper
43 100
55 5.0 0.0 0.0

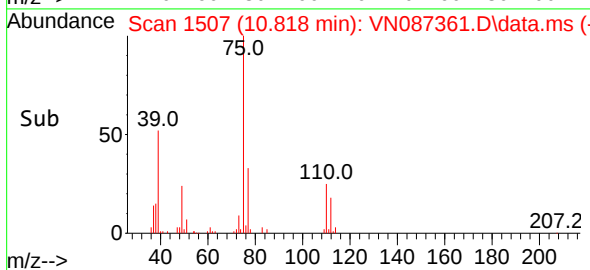
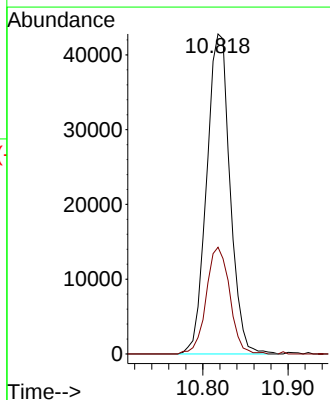
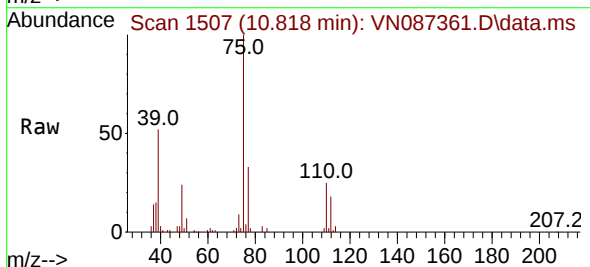
Manual Integrations
APPROVED

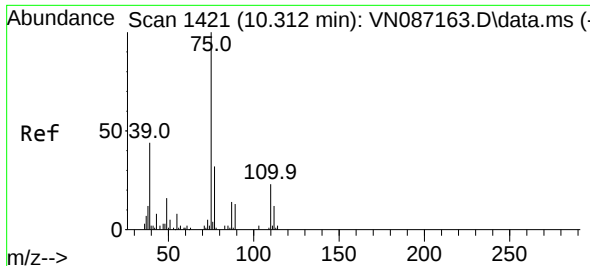
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#48
t-1,3-Dichloropropene
Concen: 20.035 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

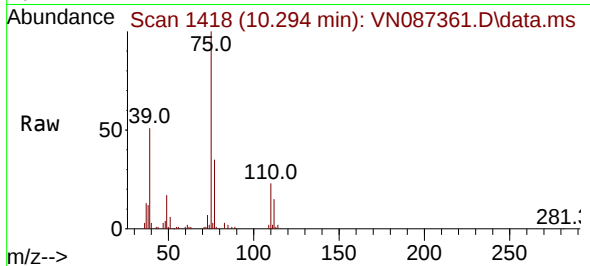
Tgt Ion: 75 Resp: 81666
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0





#49
 cis-1,3-Dichloropropene
 Concen: 19.747 ug/l
 RT: 10.294 min Scan# 1421
 Delta R.T. -0.017 min
 Lab File: VN087361.D
 Acq: 18 Jul 2025 13:16

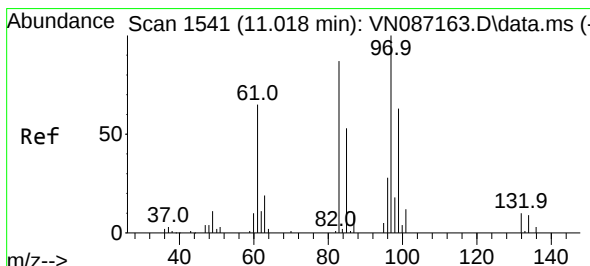
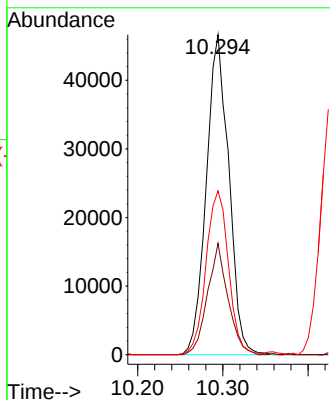
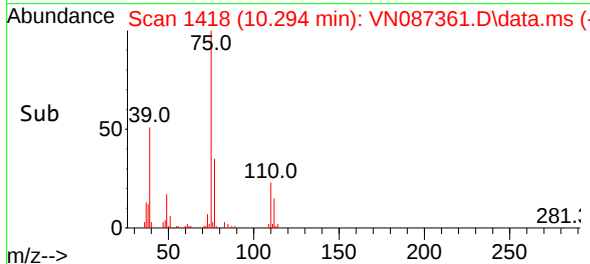
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01



Tgt Ion: 75 Resp: 8556
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.4 38.2
 39 51.2 35.3 52.9

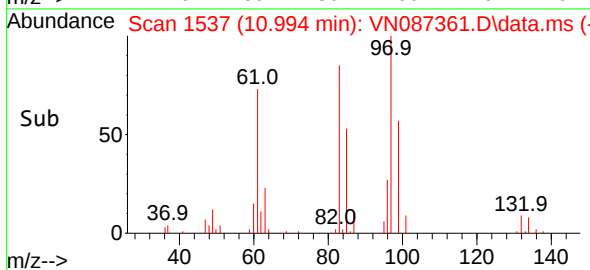
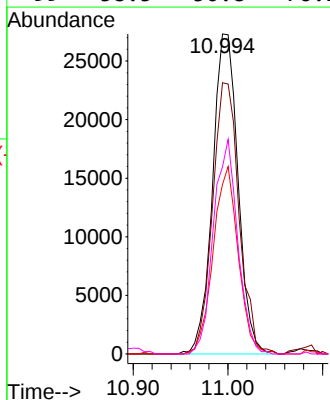
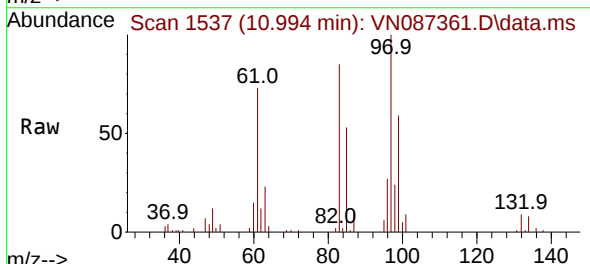
Manual Integrations
 APPROVED

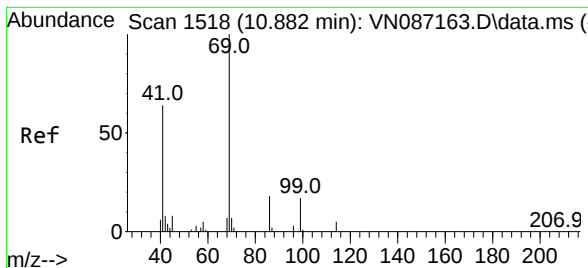
Reviewed By :John Carlone 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.843 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.023 min
 Lab File: VN087361.D
 Acq: 18 Jul 2025 13:16

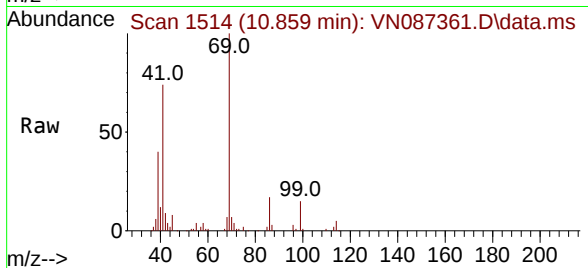
Tgt Ion: 97 Resp: 51059
 Ion Ratio Lower Upper
 97 100
 83 84.7 69.6 104.4
 85 53.0 42.0 63.0
 99 58.5 50.8 76.2





#51
Ethyl methacrylate
Concen: 20.149 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

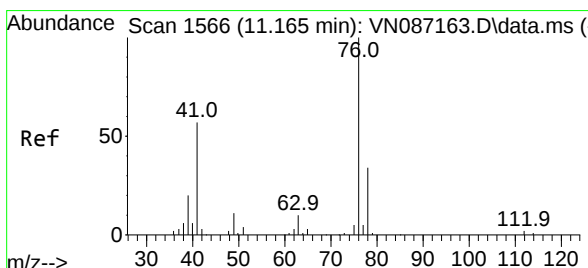
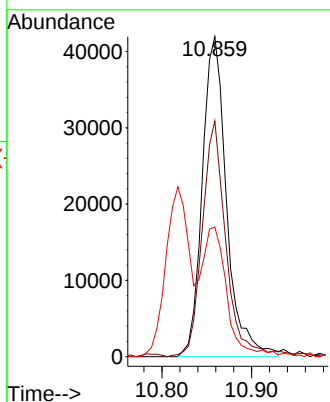
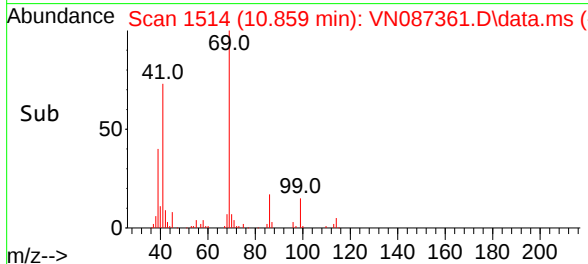
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion: 69 Resp: 7891
Ion Ratio Lower Upper
69 100
41 73.0 31.8 95.3
39 39.9 15.3 45.8

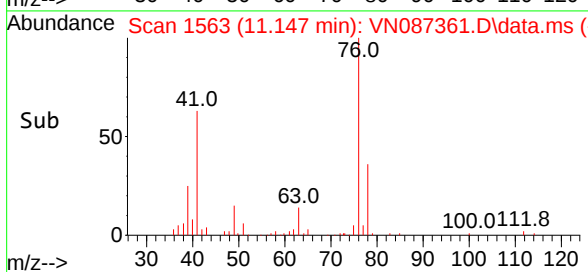
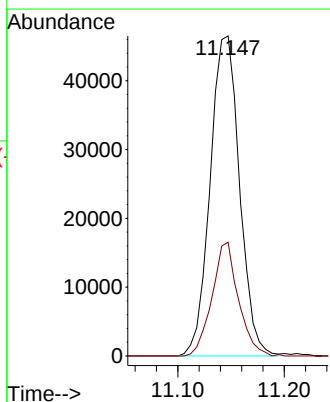
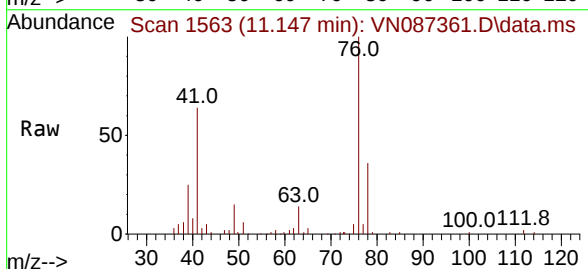
Manual Integrations
APPROVED

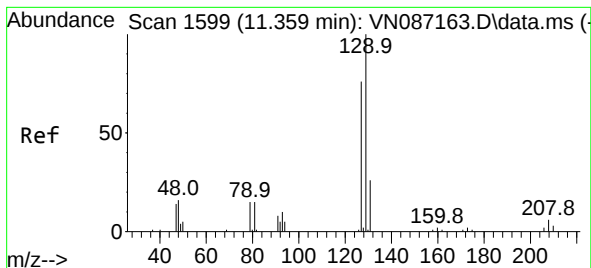
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#52
1,3-Dichloropropane
Concen: 20.171 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

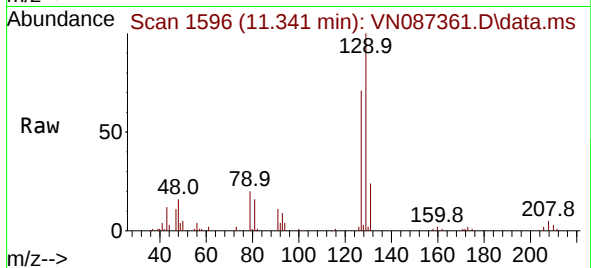
Tgt Ion: 76 Resp: 89110
Ion Ratio Lower Upper
76 100
78 31.9 0.0 63.0





#53
Dibromochloromethane
Concen: 21.821 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

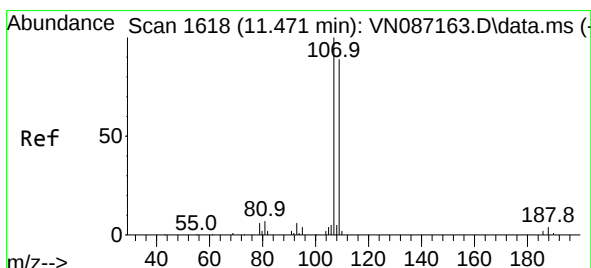
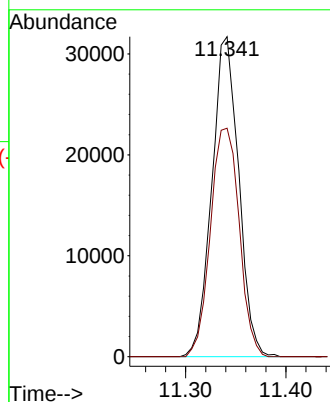
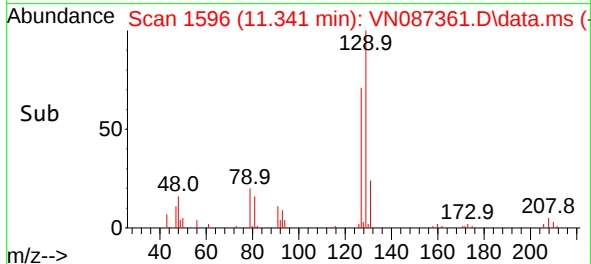
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion:129 Resp: 5894
Ion Ratio Lower Upper
129 100
127 76.4 39.6 118.8

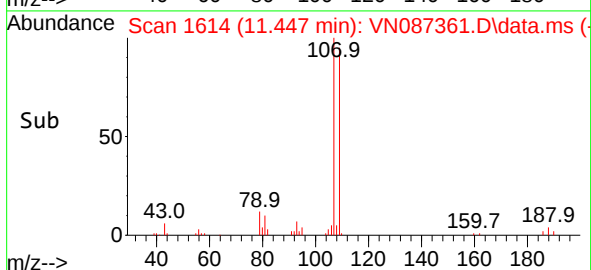
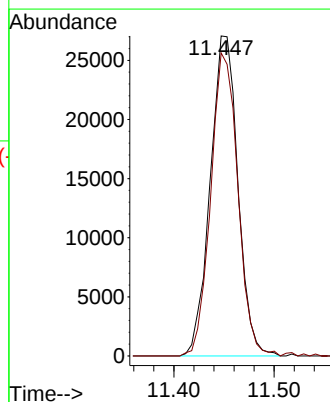
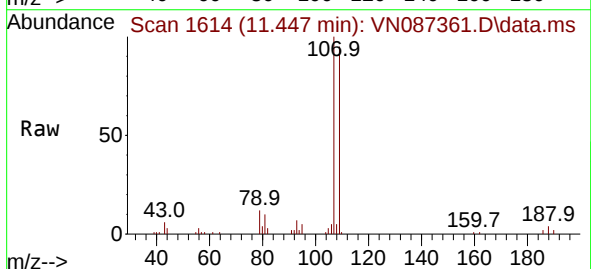
Manual Integrations
APPROVED

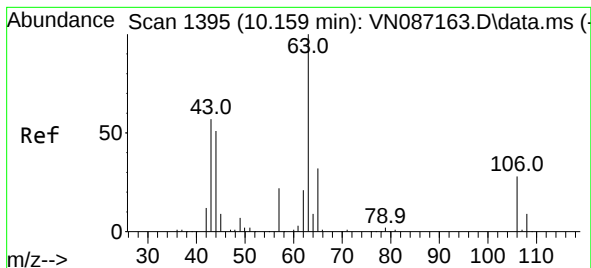
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#54
1,2-Dibromoethane
Concen: 19.563 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

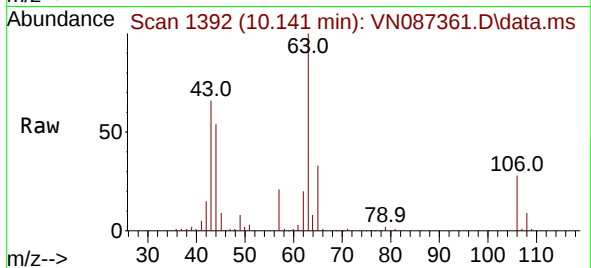
Tgt Ion:107 Resp: 51936
Ion Ratio Lower Upper
107 100
109 92.3 73.5 110.3





#55
2-Chloroethyl vinyl ether
Concen: 102.285 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

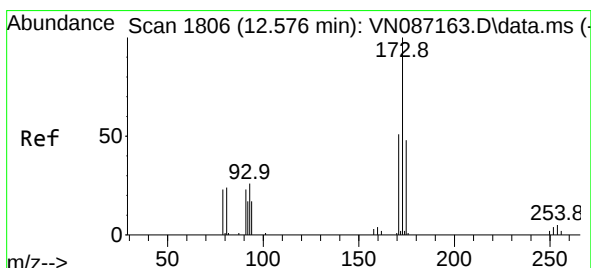
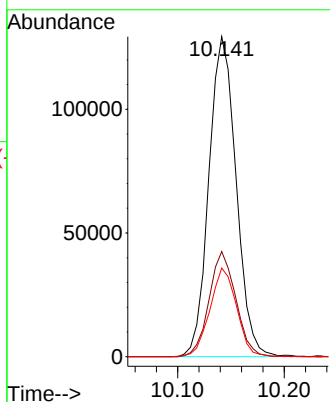
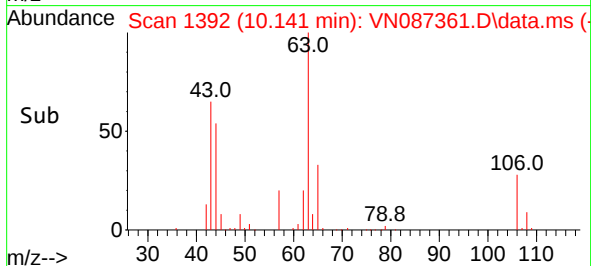
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion: 63 Resp: 22962
Ion Ratio Lower Upper
63 100
65 32.2 25.6 38.4
106 27.1 21.9 32.9

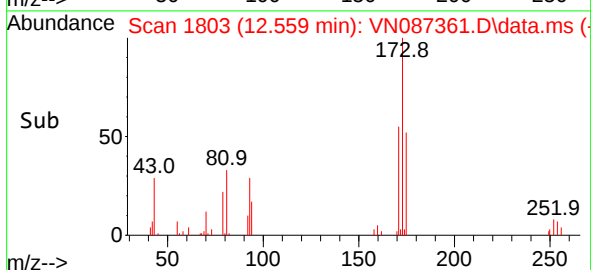
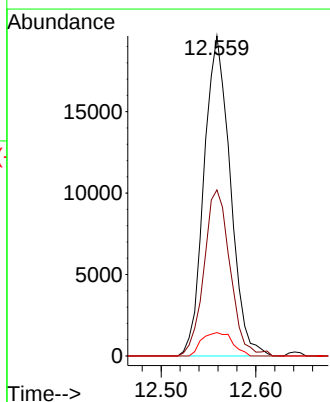
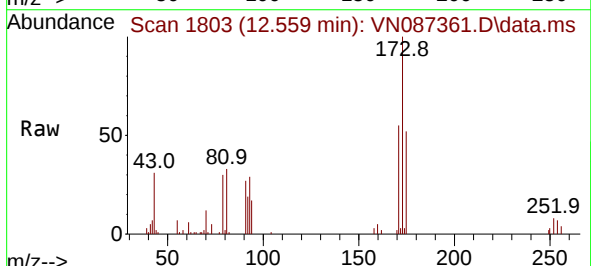
Manual Integrations
APPROVED

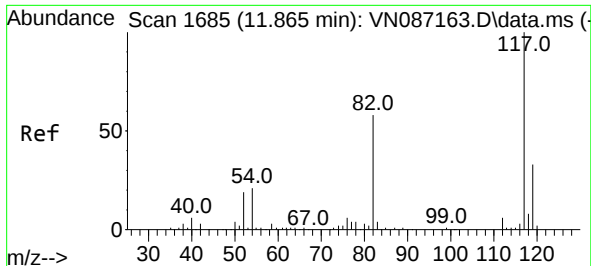
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#56
Bromoform
Concen: 20.353 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

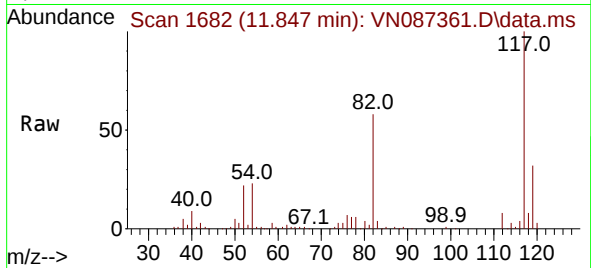
Tgt Ion:173 Resp: 37792
Ion Ratio Lower Upper
173 100
175 51.1 38.7 58.1
254 8.6 4.2 6.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

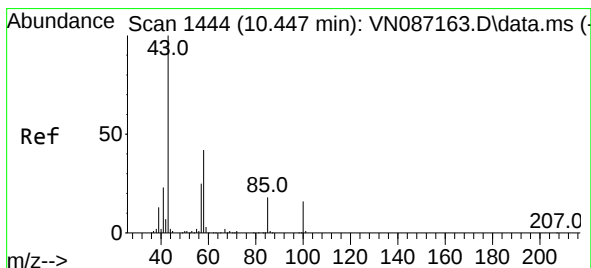
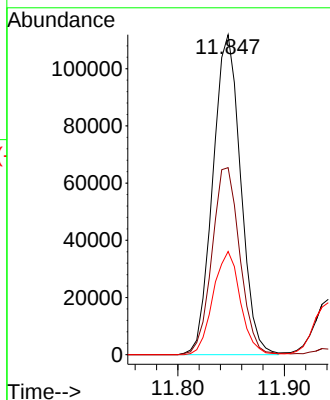
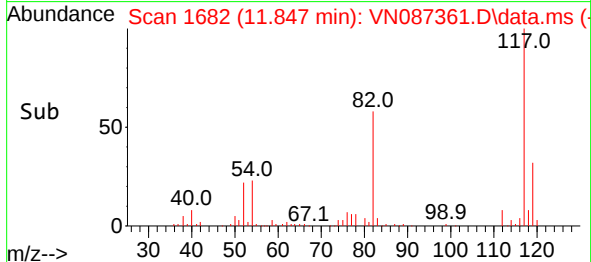
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion:117 Resp: 202690
Ion Ratio Lower Upper
117 100
82 58.8 45.4 68.2
119 31.7 26.2 39.4

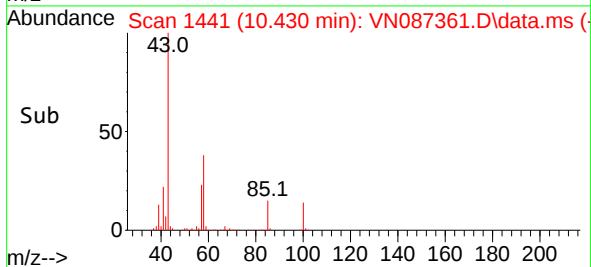
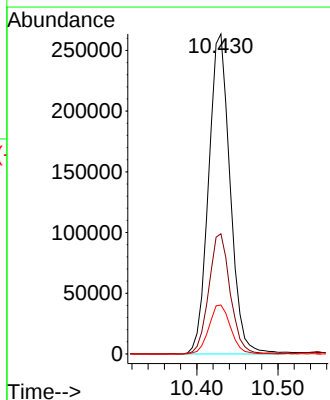
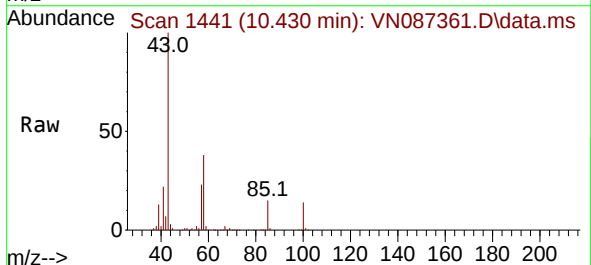
Manual Integrations
APPROVED

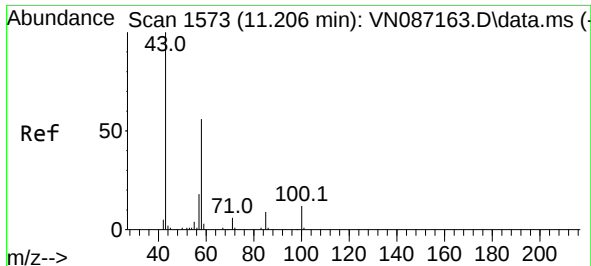
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#58
4-Methyl-2-Pentanone
Concen: 118.914 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

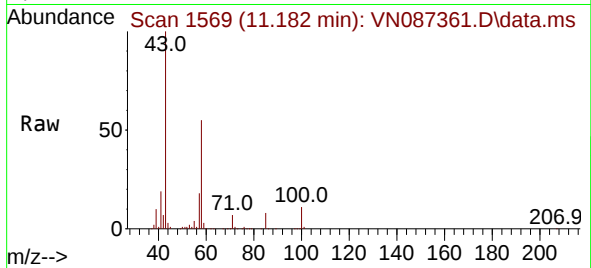
Tgt Ion: 43 Resp: 484568
Ion Ratio Lower Upper
43 100
58 37.4 32.6 49.0
85 15.5 14.6 22.0





#59
2-Hexanone
Concen: 122.241 ug/l
RT: 11.182 min Scan# 111
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

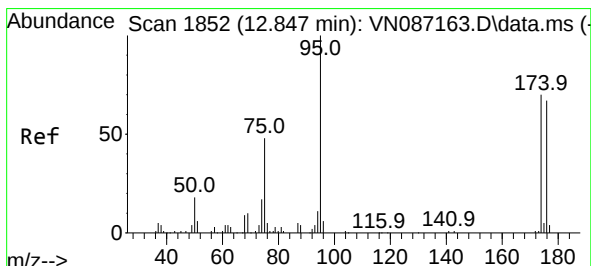
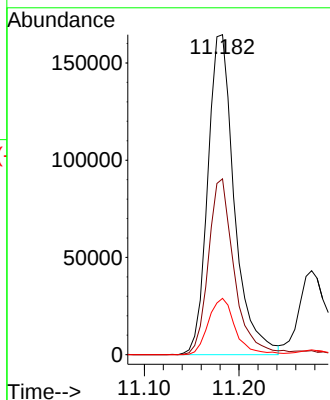
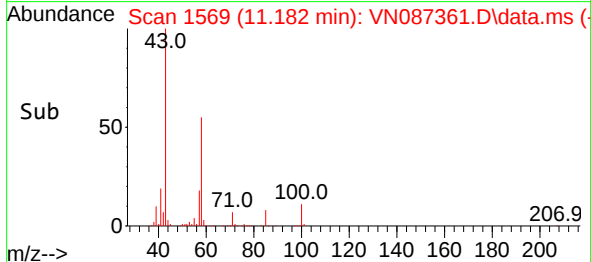
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion: 43 Resp: 321652
Ion Ratio Lower Upper
43 100
58 52.9 49.2 73.8
57 17.9 15.3 22.9

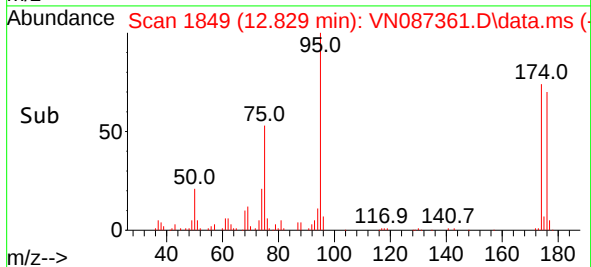
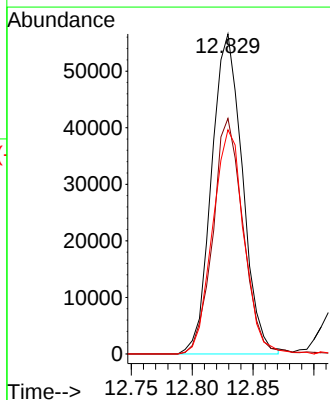
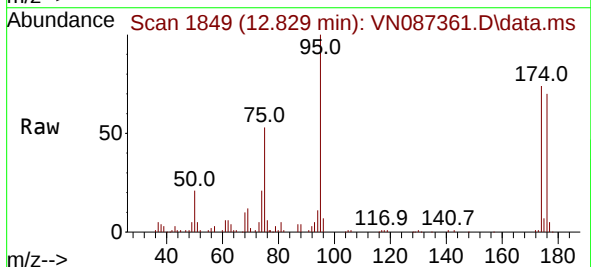
Manual Integrations
APPROVED

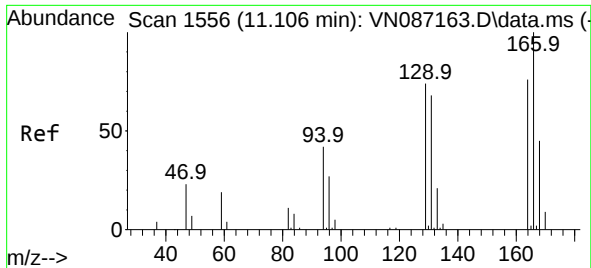
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#60
4-Bromofluorobenzene
Concen: 31.898 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

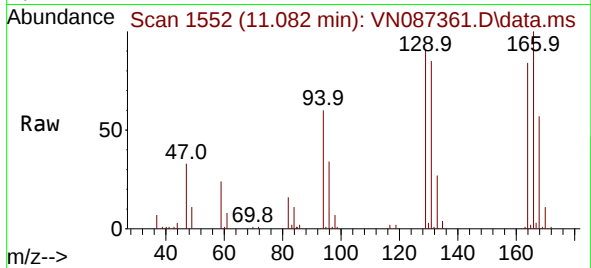
Tgt Ion: 95 Resp: 99771
Ion Ratio Lower Upper
95 100
174 71.9 54.5 81.7
176 71.4 51.9 77.9





#61
Tetrachloroethene
Concen: 18.711 ug/l
RT: 11.082 min Scan# 1556
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

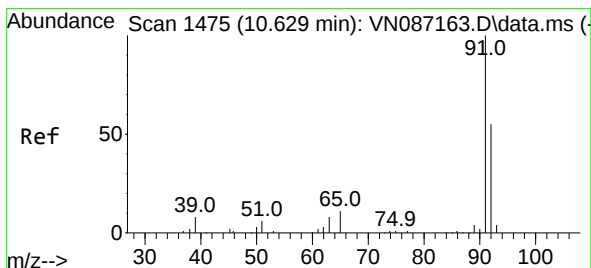
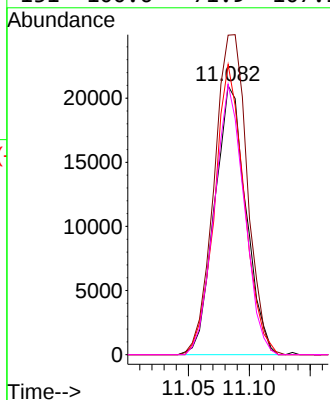
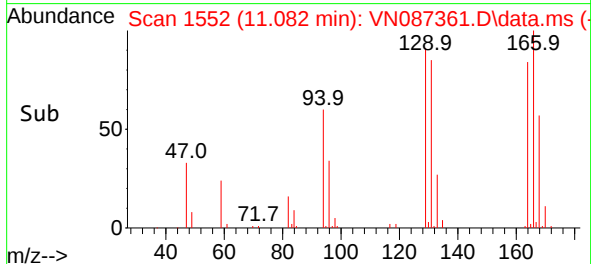
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion:164 Resp: 37558
Ion Ratio Lower Upper
164 100
166 118.8 105.4 158.2
129 107.9 77.9 116.9
131 100.6 71.9 107.9

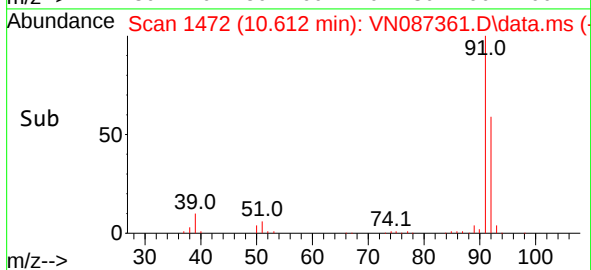
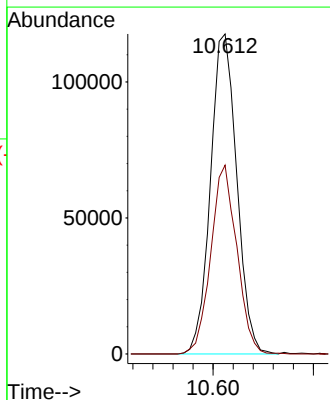
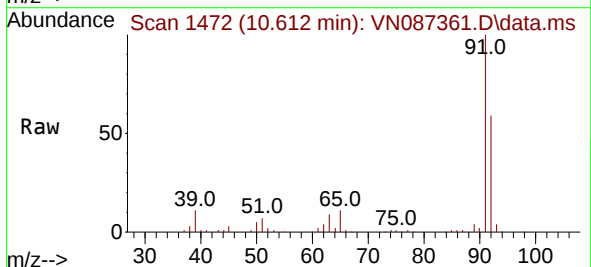
Manual Integrations
APPROVED

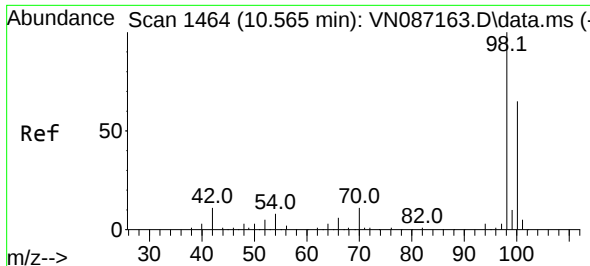
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#62
Toluene
Concen: 18.733 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

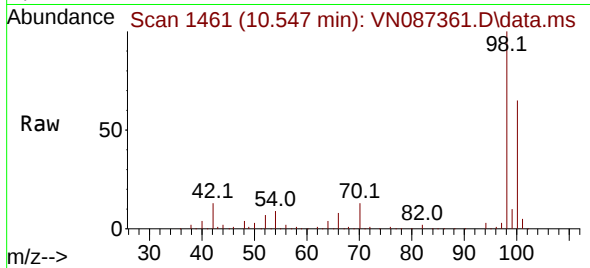
Tgt Ion: 91 Resp: 214455
Ion Ratio Lower Upper
91 100
92 58.3 45.8 68.8





#63
Toluene-d8
Concen: 30.231 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

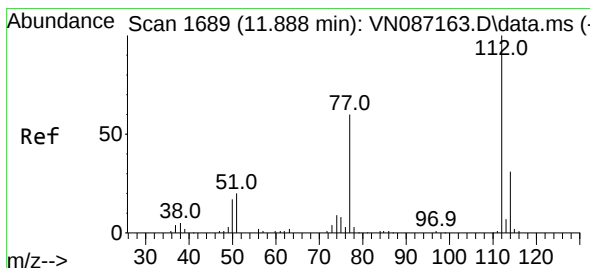
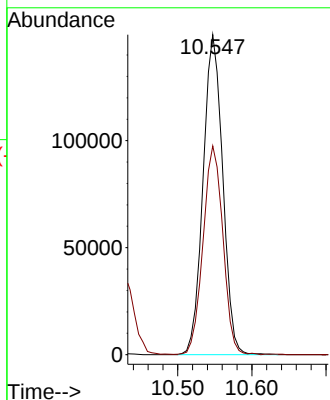
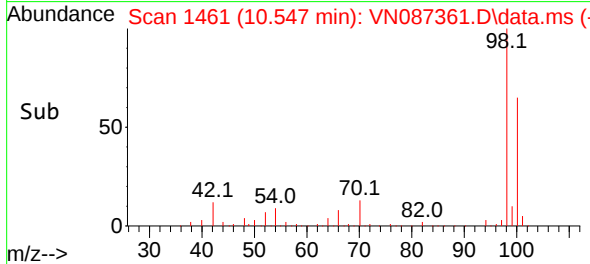
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion: 98 Resp: 27513
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

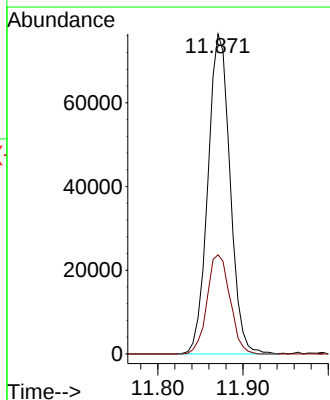
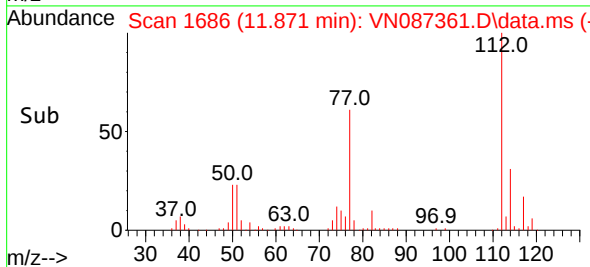
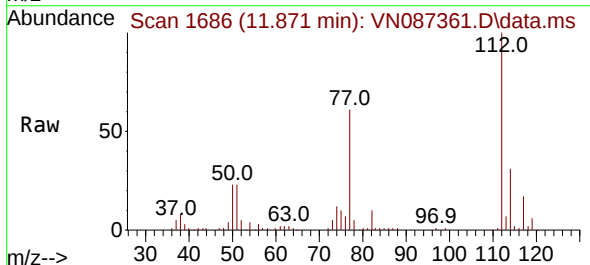
Manual Integrations
APPROVED

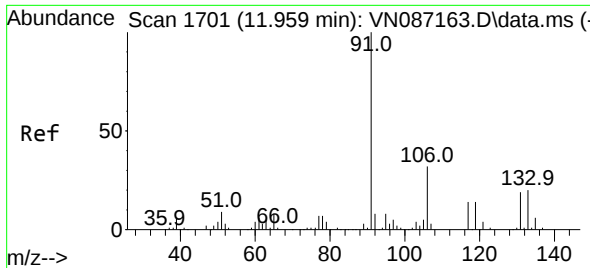
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#64
Chlorobenzene
Concen: 18.922 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Tgt Ion:112 Resp: 138176
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4





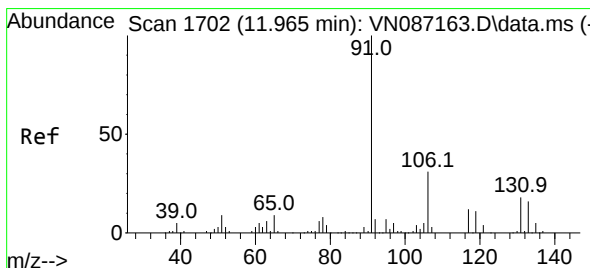
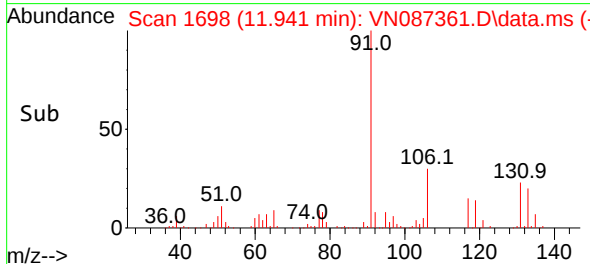
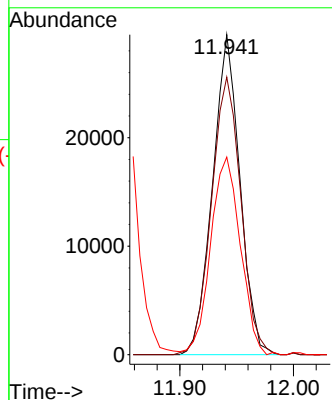
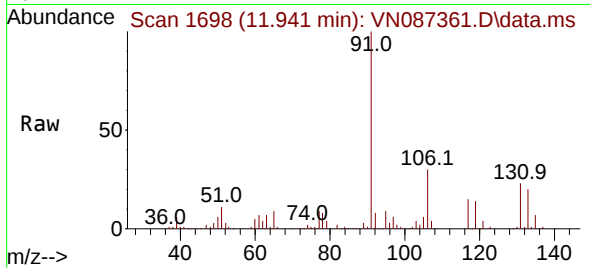
#65
1,1,1,2-Tetrachloroethane
Concen: 20.457 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tgt Ion:131 Resp: 49360
Ion Ratio Lower Upper
131 100
133 93.4 0.0 187.8
119 66.9 0.0 140.0

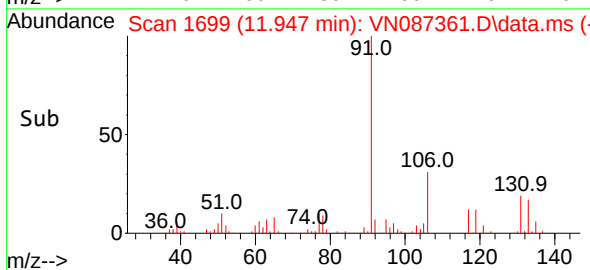
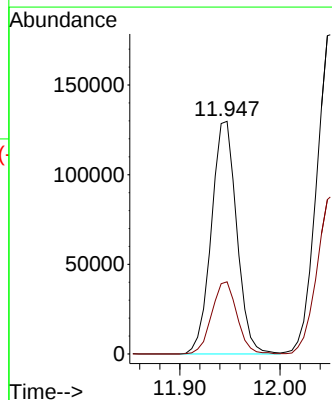
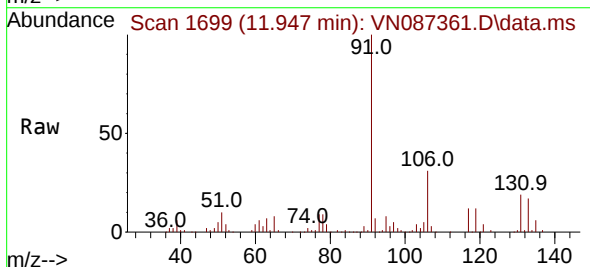
Manual Integrations
APPROVED

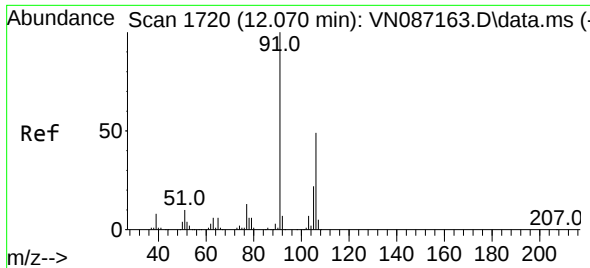
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#66
Ethyl Benzene
Concen: 18.232 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Tgt Ion: 91 Resp: 228458
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2





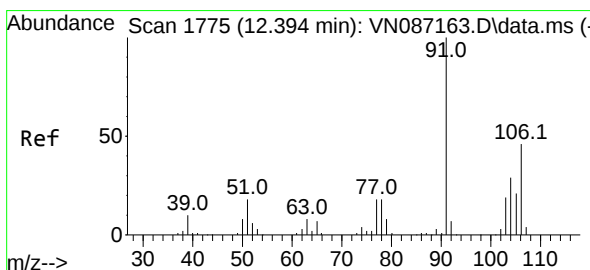
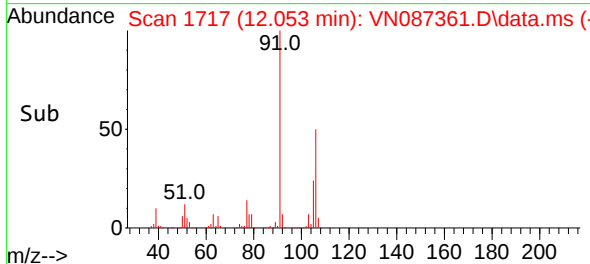
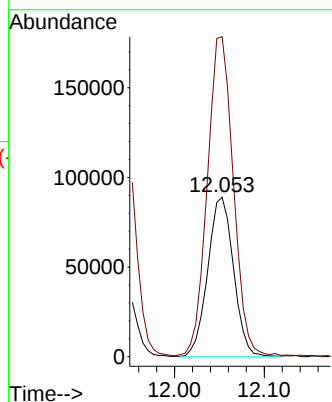
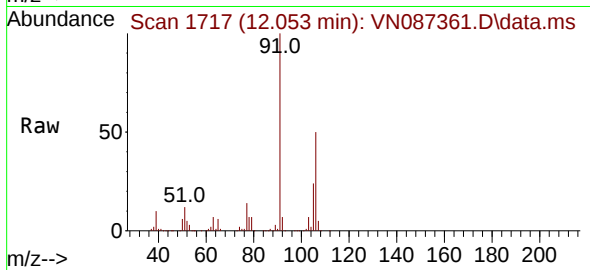
#67
m/p-Xylenes
Concen: 36.990 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tgt Ion:106 Resp: 17761
Ion Ratio Lower Upper
106 100
91 201.2 163.0 244.4

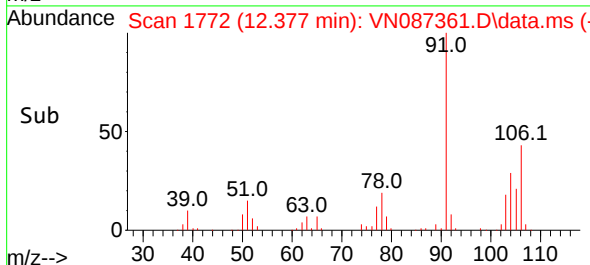
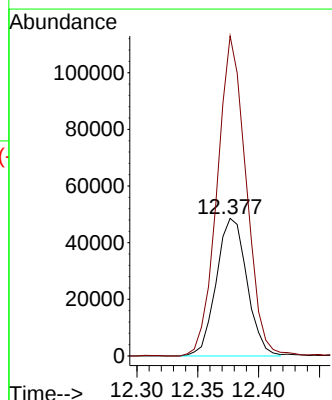
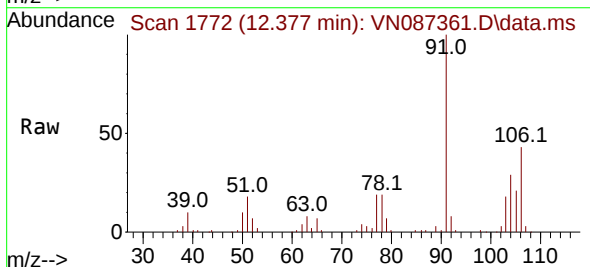
Manual Integrations
APPROVED

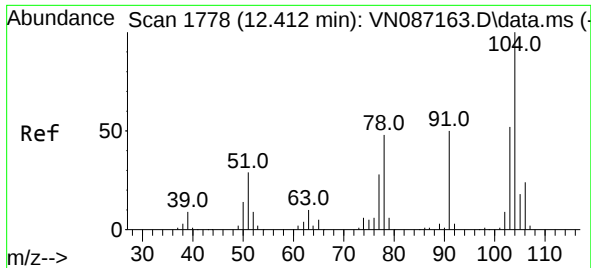
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#68
o-Xylene
Concen: 18.584 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

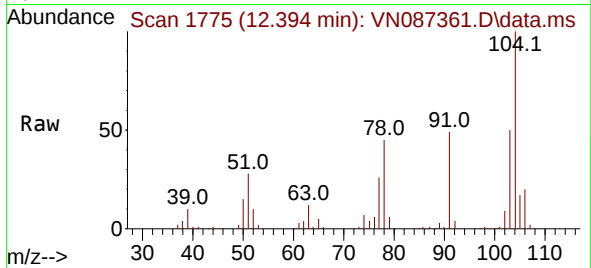
Tgt Ion:106 Resp: 85132
Ion Ratio Lower Upper
106 100
91 219.9 107.1 321.1





#69
Styrene
Concen: 18.751 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

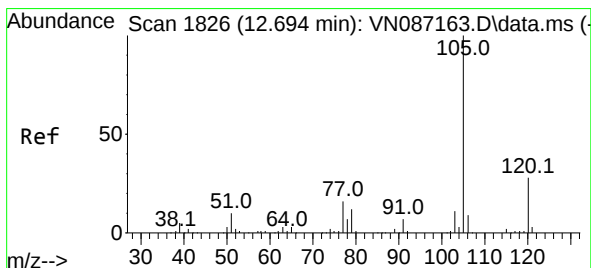
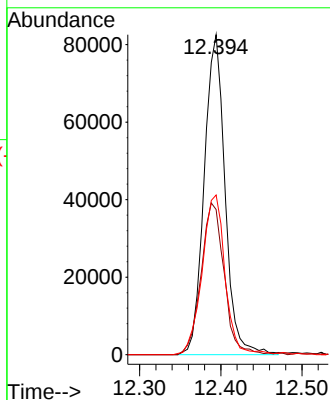
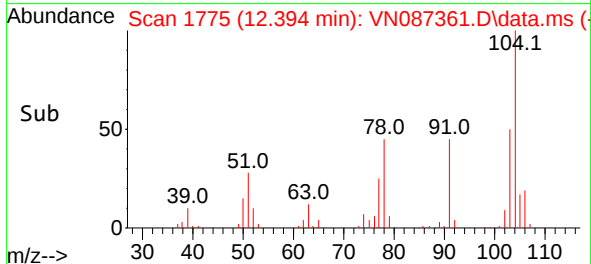
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



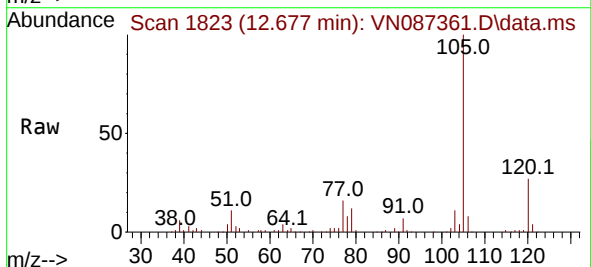
Tgt Ion:104 Resp: 147470
Ion Ratio Lower Upper
104 100
78 52.2 39.8 59.8
103 54.3 44.2 66.4

Manual Integrations
APPROVED

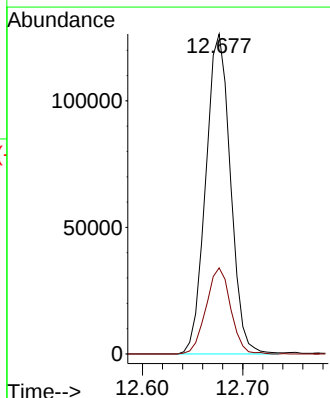
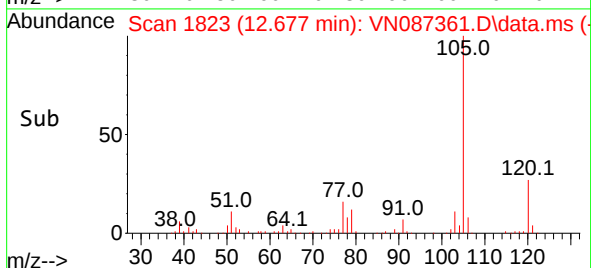
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

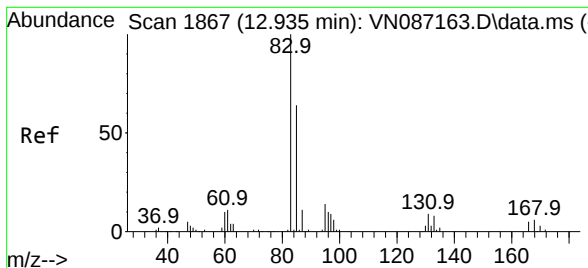


#70
Isopropylbenzene
Concen: 18.996 ug/l
RT: 12.677 min Scan# 1823
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16



Tgt Ion:105 Resp: 216730
Ion Ratio Lower Upper
105 100
120 26.5 19.0 35.2





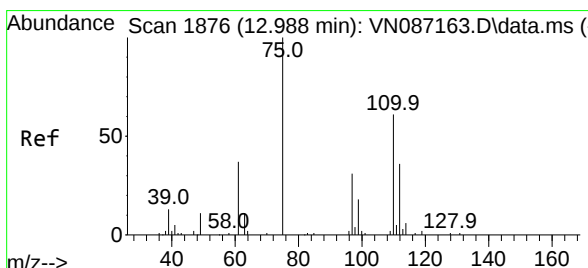
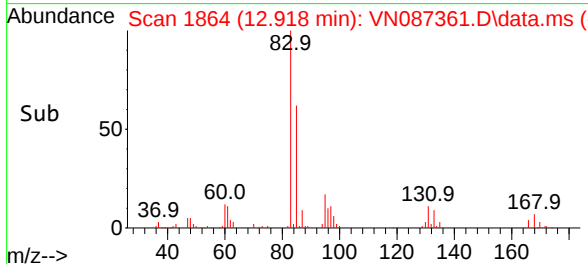
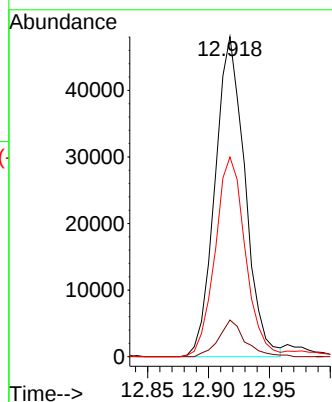
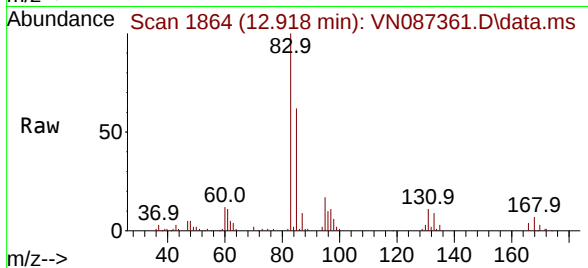
#71
1,1,2,2-Tetrachloroethane
Concen: 20.020 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tgt Ion: 83 Resp: 82210
Ion Ratio Lower Upper
83 100
131 10.1 4.5 13.4
85 62.9 31.3 93.9

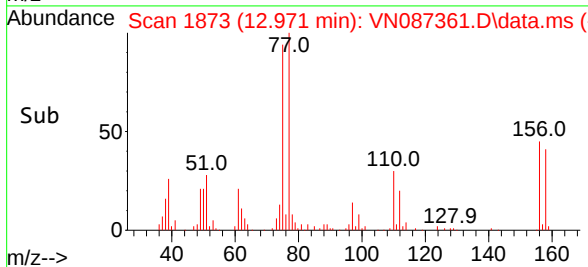
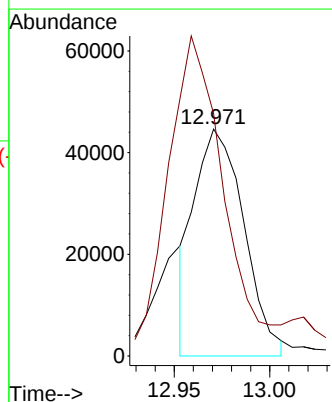
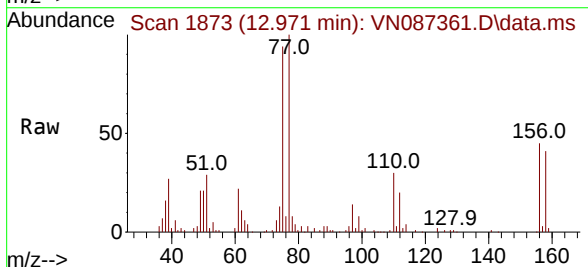
Manual Integrations
APPROVED

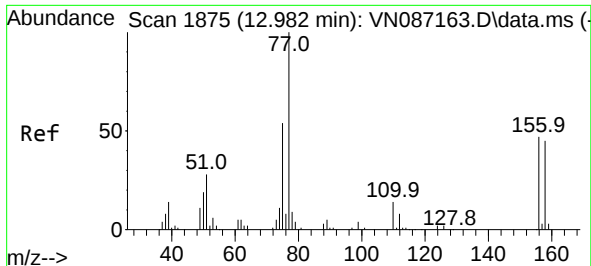
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#72
1,2,3-Trichloropropane
Concen: 22.745 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

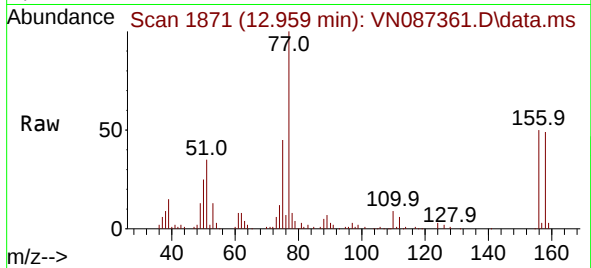
Tgt Ion: 75 Resp: 80548
Ion Ratio Lower Upper
75 100
77 158.5 0.0 379.2





#73
Bromobenzene
Concen: 20.195 ug/l
RT: 12.959 min Scan# 1875
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

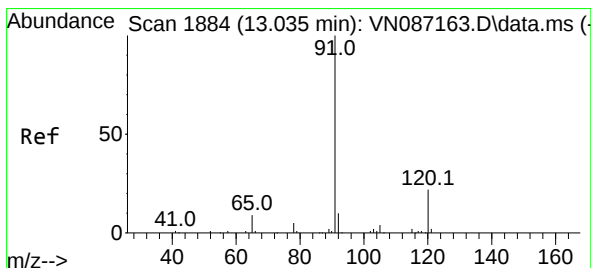
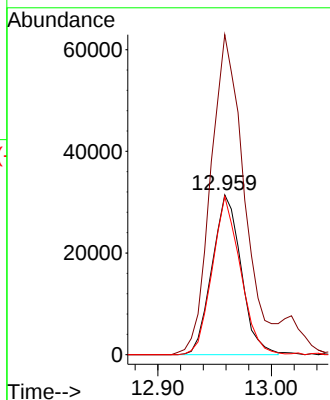
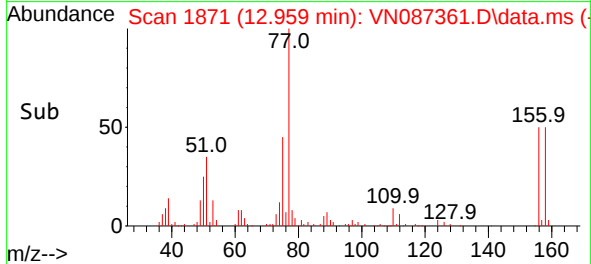
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion:156 Resp: 5589
Ion Ratio Lower Upper
156 100
77 228.4 0.0 489.0
158 96.1 0.0 195.2

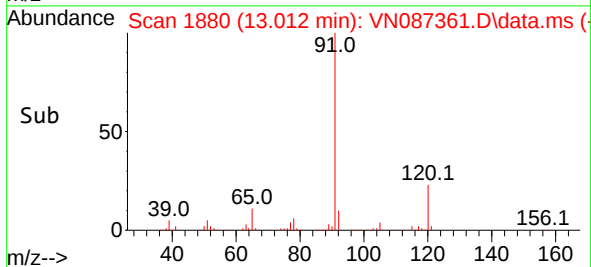
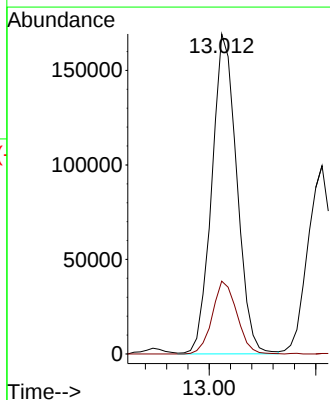
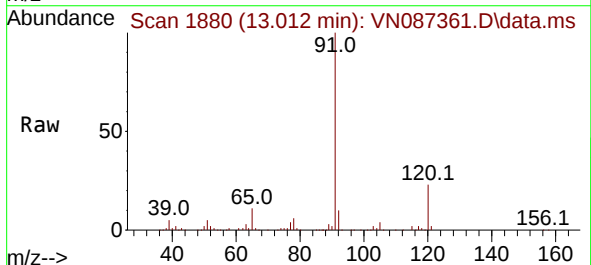
Manual Integrations
APPROVED

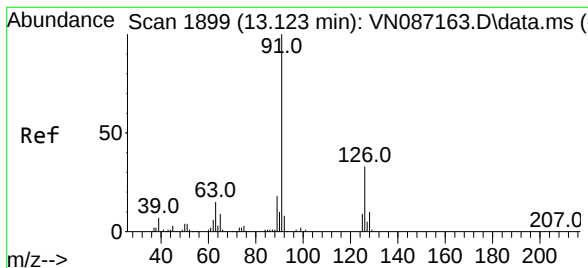
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#74
n-propylbenzene
Concen: 19.788 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

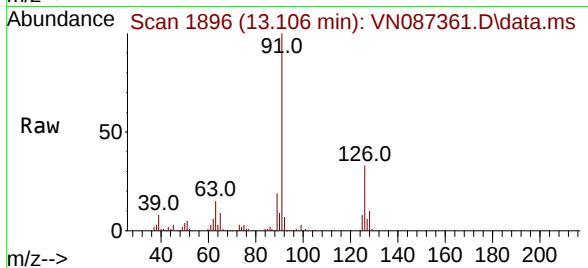
Tgt Ion: 91 Resp: 275814
Ion Ratio Lower Upper
91 100
120 22.2 0.0 43.6





#75
2-Chlorotoluene
Concen: 19.212 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

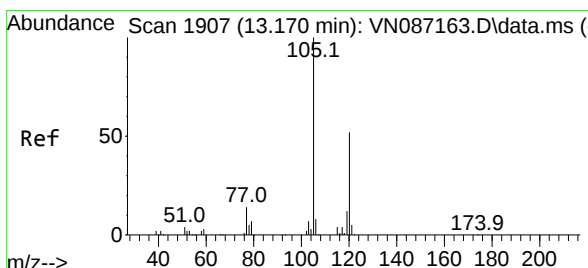
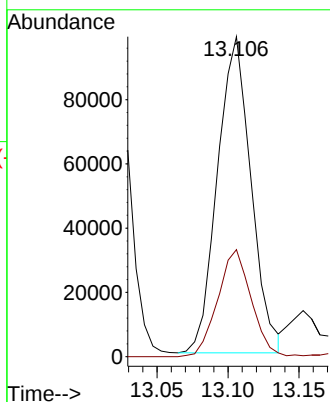
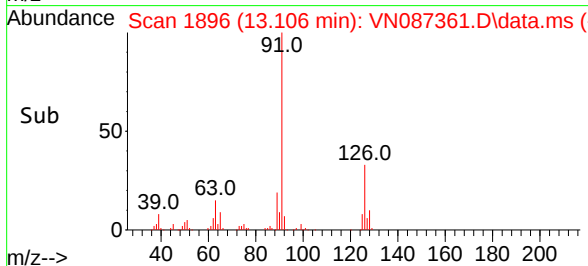
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



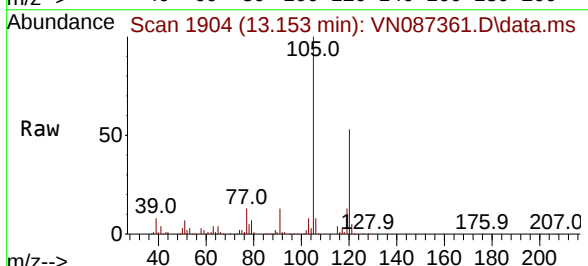
Tgt Ion: 91 Resp: 161770
Ion Ratio Lower Upper
91 100
126 33.6 0.0 63.8

Manual Integrations
APPROVED

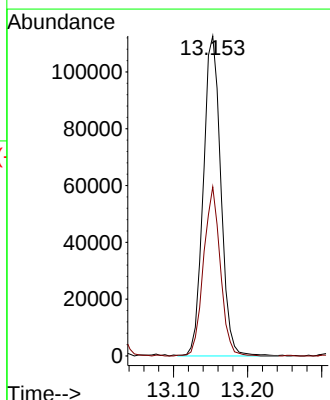
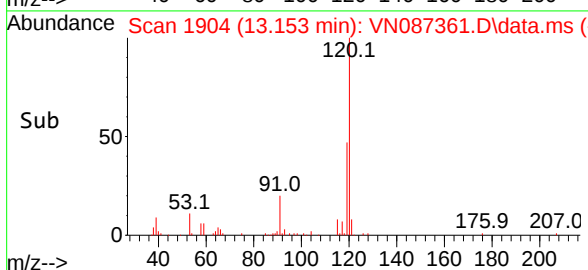
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

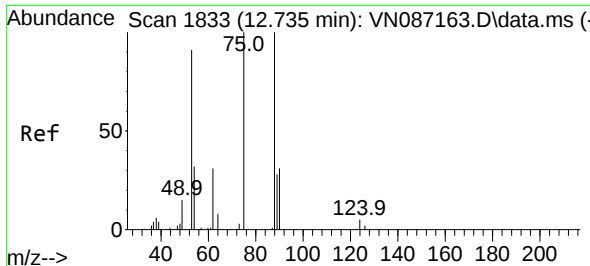


#76
1,3,5-Trimethylbenzene
Concen: 19.864 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16



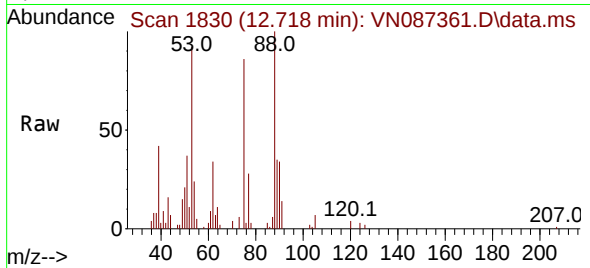
Tgt Ion:105 Resp: 184498
Ion Ratio Lower Upper
105 100
120 50.6 0.0 100.8





#77
t-1,4-Dichloro-2-butene
Concen: 13.648 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

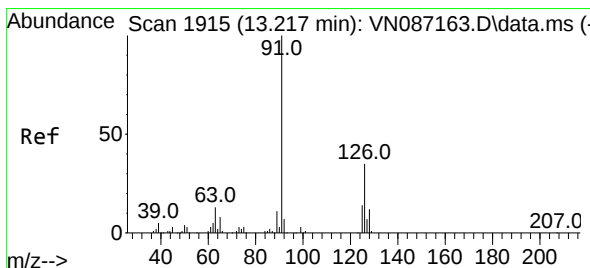
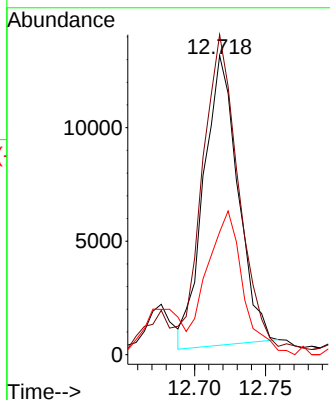
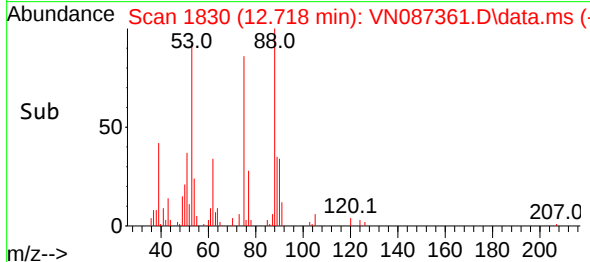
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion: 75 Resp: 21439
Ion Ratio Lower Upper
75 100
53 109.6 45.9 137.6
89 41.7 22.3 66.9

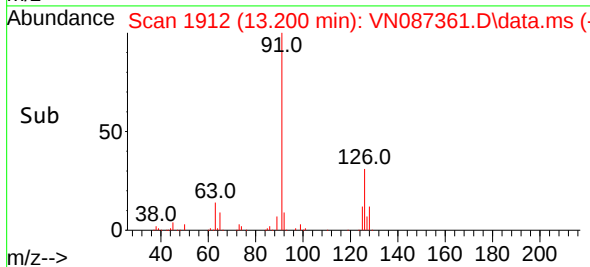
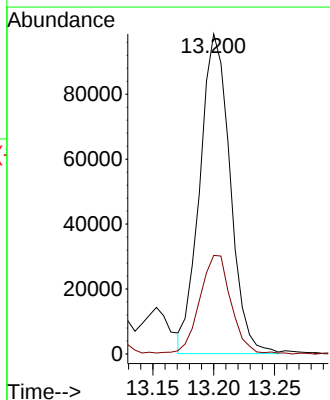
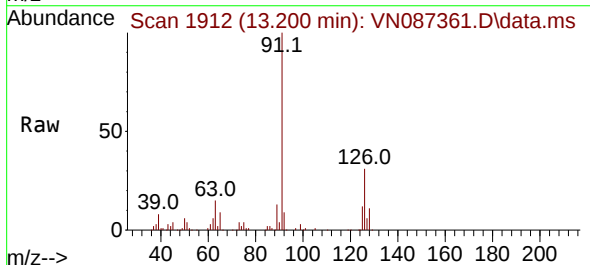
Manual Integrations
APPROVED

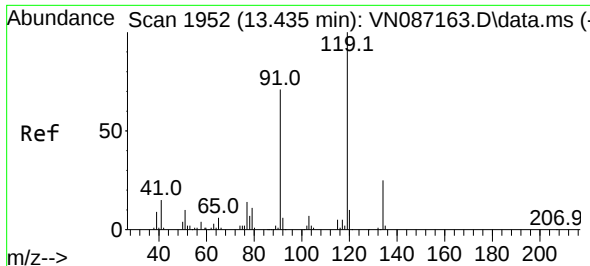
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#78
4-Chlorotoluene
Concen: 19.763 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

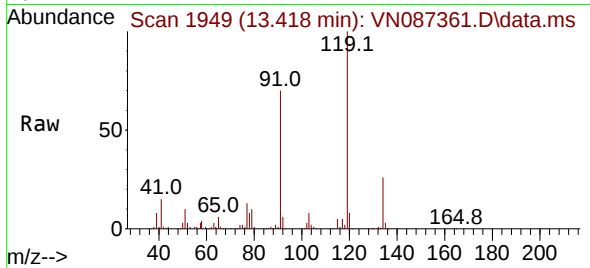
Tgt Ion: 91 Resp: 170444
Ion Ratio Lower Upper
91 100
126 31.8 0.0 65.2





#79
tert-butylbenzene
Concen: 20.452 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.018 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

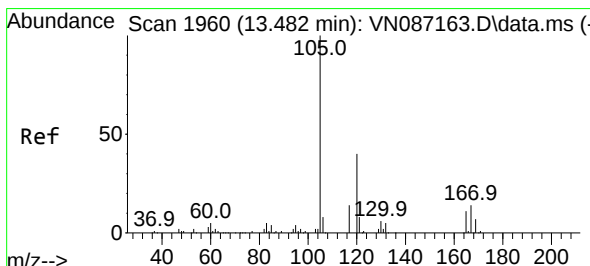
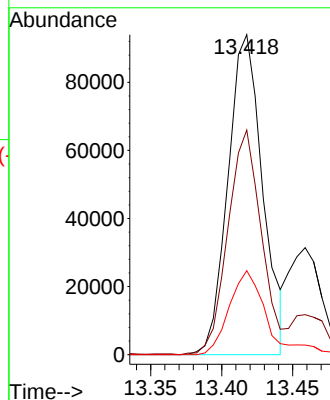
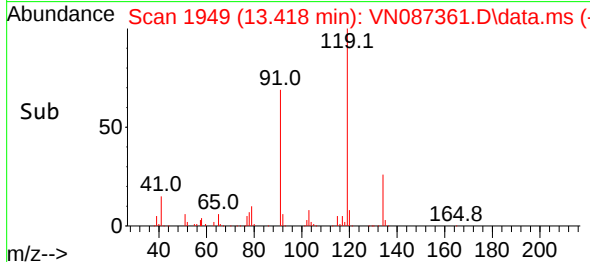
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



Tgt Ion:119 Resp: 15967
Ion Ratio Lower Upper
119 100
91 67.6 0.0 137.0
134 26.0 0.0 49.4

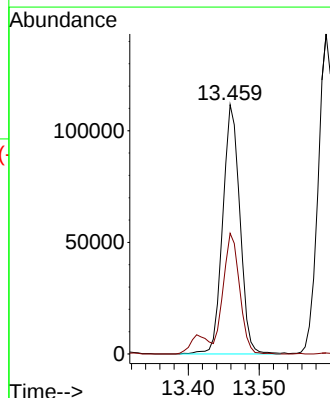
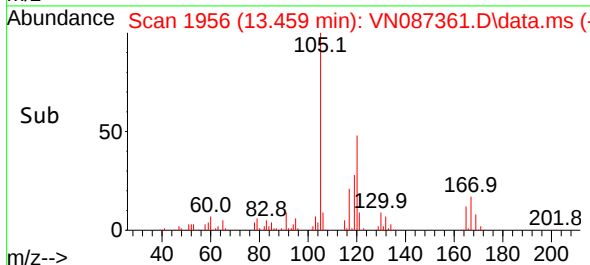
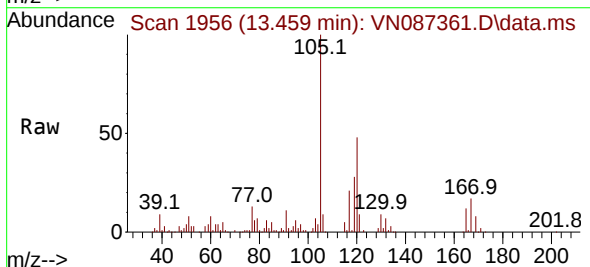
Manual Integrations
APPROVED

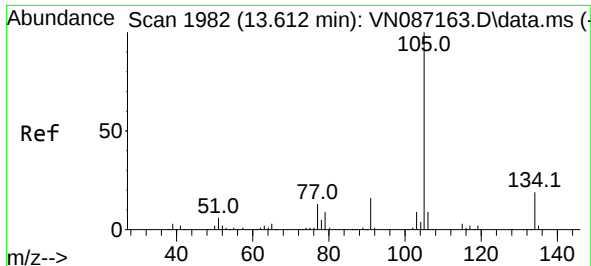
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.065 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

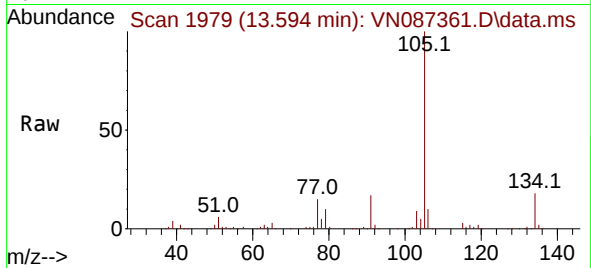
Tgt Ion:105 Resp: 187139
Ion Ratio Lower Upper
105 100
120 45.9 0.0 94.0





#81
 sec-Butylbenzene
 Concen: 20.370 ug/l
 RT: 13.594 min Scan# 1982
 Delta R.T. -0.017 min
 Lab File: VN087361.D
 Acq: 18 Jul 2025 13:16

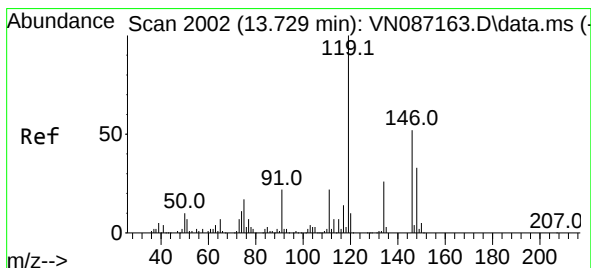
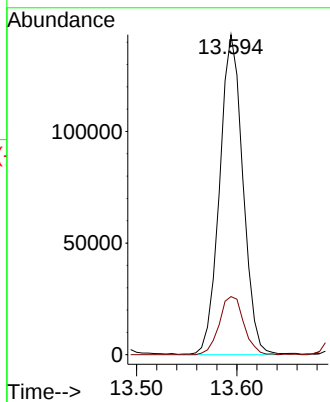
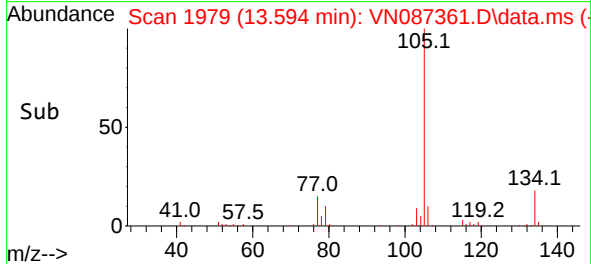
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01



Tgt Ion:105 Resp: 231192
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.4

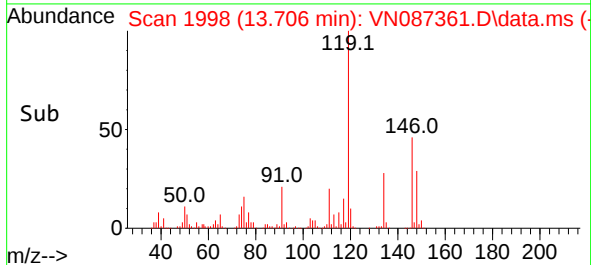
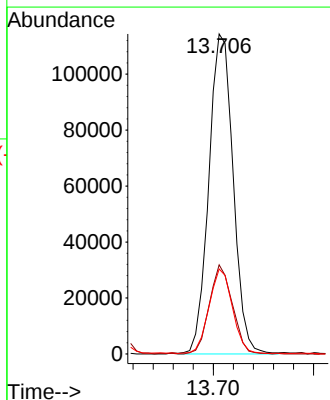
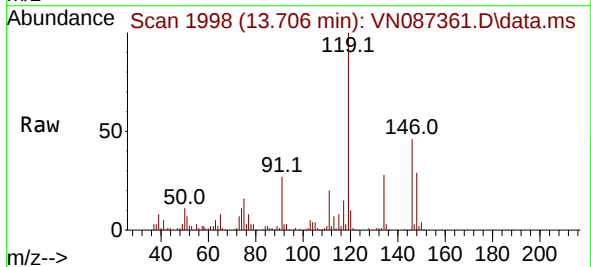
Manual Integrations
 APPROVED

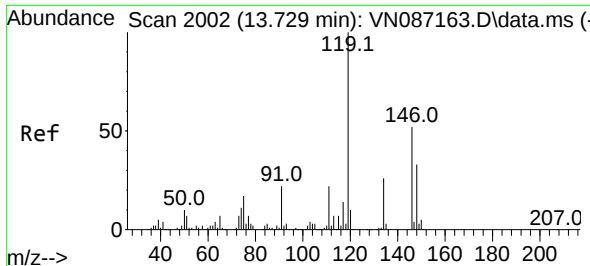
Reviewed By :John Carlone 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#82
 p-Isopropyltoluene
 Concen: 20.390 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.023 min
 Lab File: VN087361.D
 Acq: 18 Jul 2025 13:16

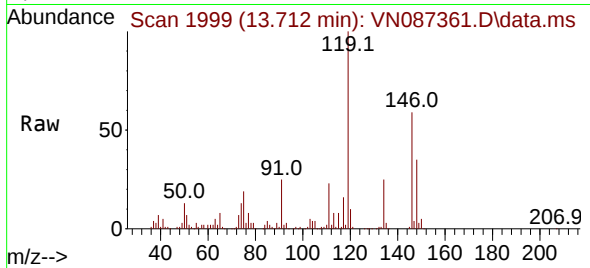
Tgt Ion:119 Resp: 192583
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 51.2
 91 25.5 0.0 46.4





#83
 1,3-Dichlorobenzene
 Concen: 20.260 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.018 min
 Lab File: VN087361.D
 Acq: 18 Jul 2025 13:16

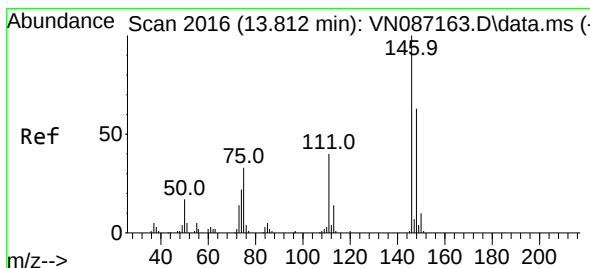
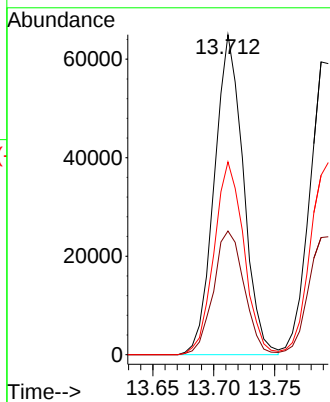
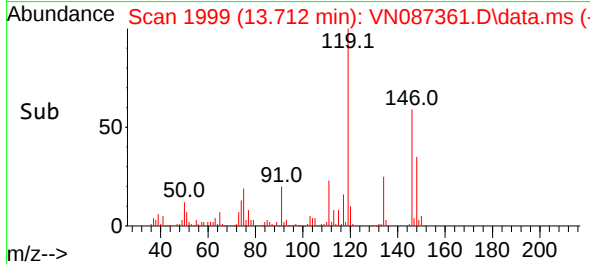
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01



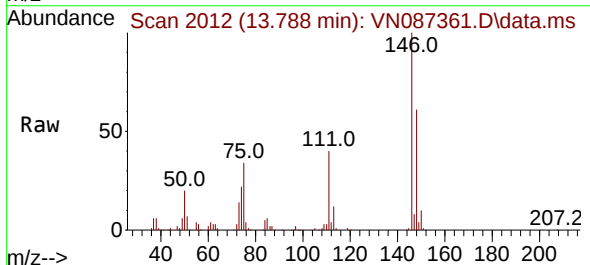
Tgt Ion:146 Resp: 107970
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.1 63.3
 148 62.0 31.6 94.8

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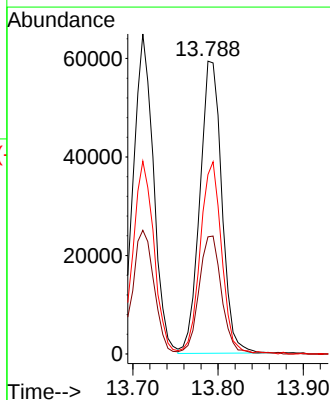
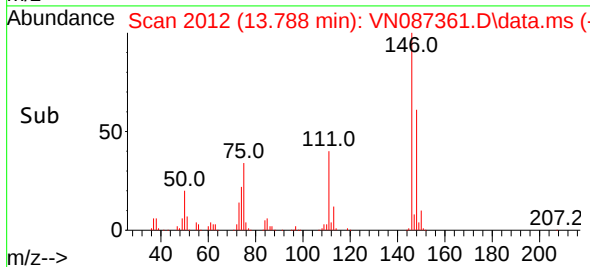
Reviewed By :John Carlone 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025

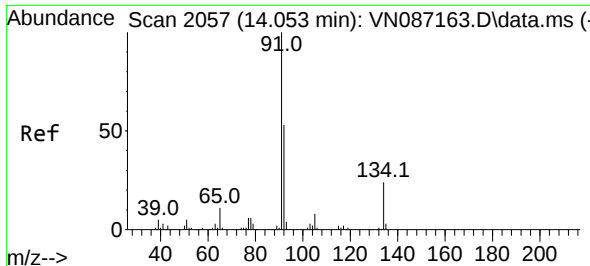


#84
 1,4-Dichlorobenzene
 Concen: 19.774 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.023 min
 Lab File: VN087361.D
 Acq: 18 Jul 2025 13:16



Tgt Ion:146 Resp: 106059
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.1 60.2
 148 64.1 31.4 94.2





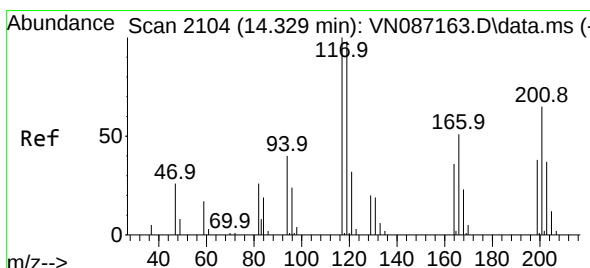
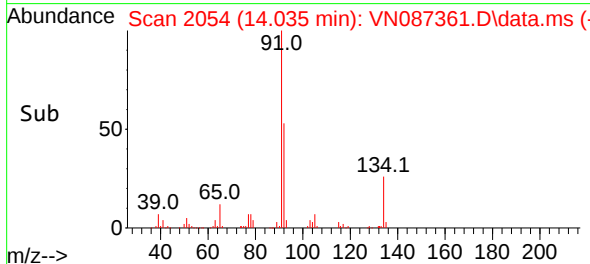
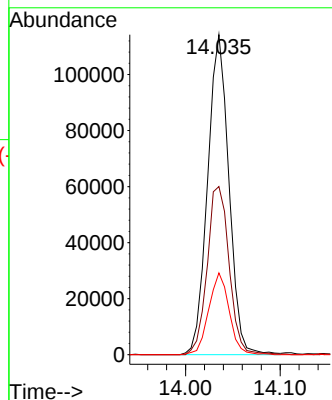
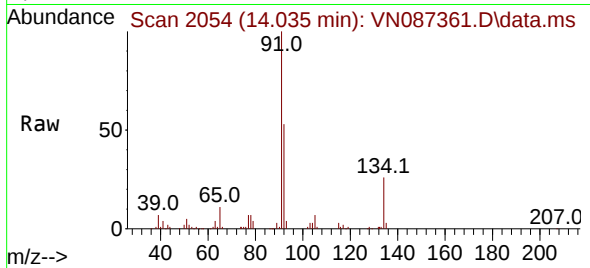
#85
n-Butylbenzene
Concen: 20.732 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tgt Ion: 91 Resp: 178654
Ion Ratio Lower Upper
91 100
92 54.3 0.0 106.4
134 24.4 0.0 48.8

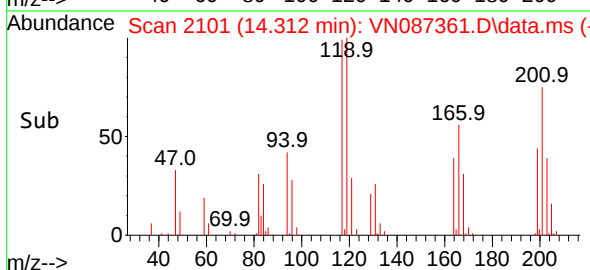
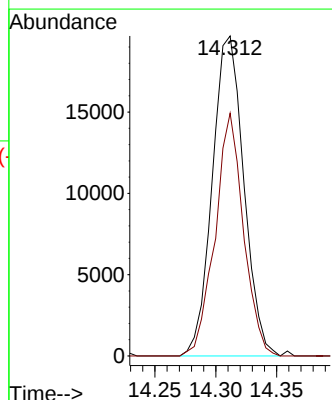
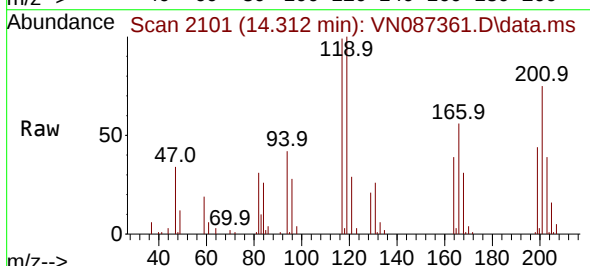
Manual Integrations
APPROVED

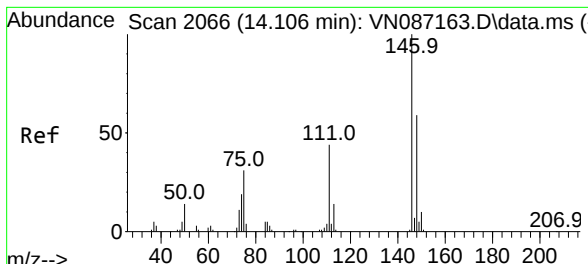
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#86
Hexachloroethane
Concen: 19.831 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

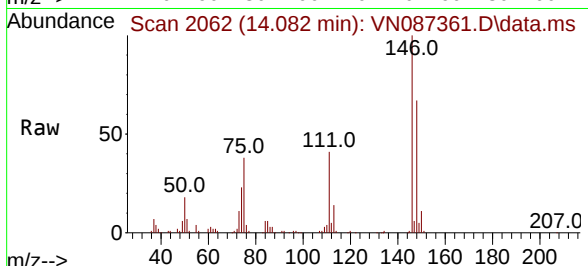
Tgt Ion:117 Resp: 35454
Ion Ratio Lower Upper
117 100
201 68.2 30.8 92.3





#87
 1,2-Dichlorobenzene
 Concen: 20.178 ug/l
 RT: 14.082 min Scan# 2066
 Delta R.T. -0.023 min
 Lab File: VN087361.D
 Acq: 18 Jul 2025 13:16

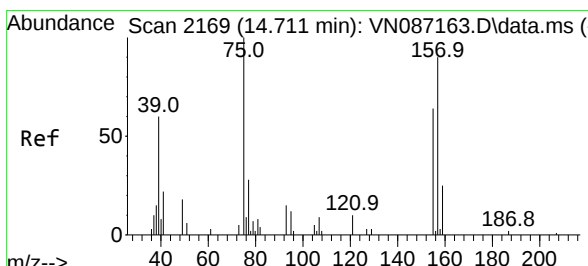
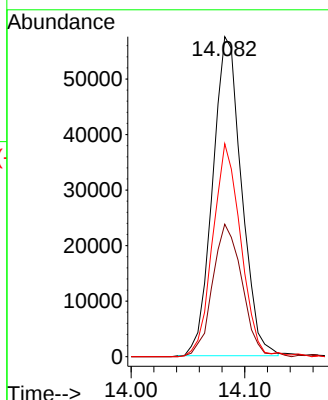
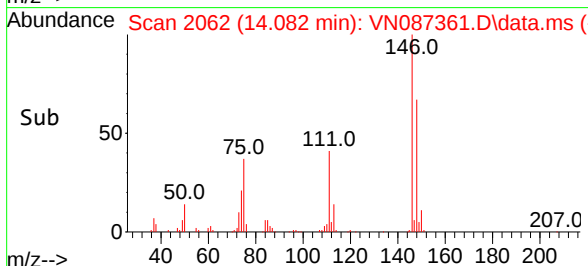
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01



Tgt Ion:146 Resp: 10139
 Ion Ratio Lower Upper
 146 100
 111 42.2 22.1 66.1
 148 64.4 31.6 95.0

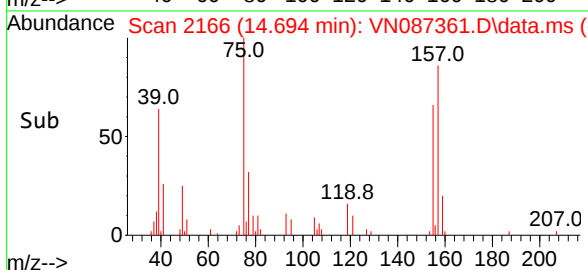
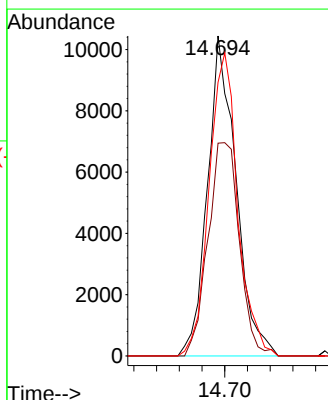
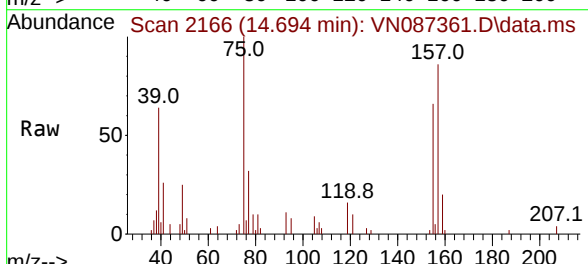
Manual Integrations
 APPROVED

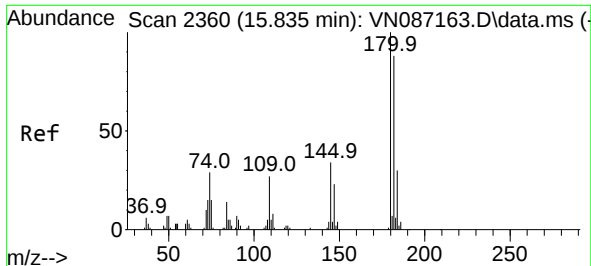
Reviewed By :John Carlone 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.675 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.017 min
 Lab File: VN087361.D
 Acq: 18 Jul 2025 13:16

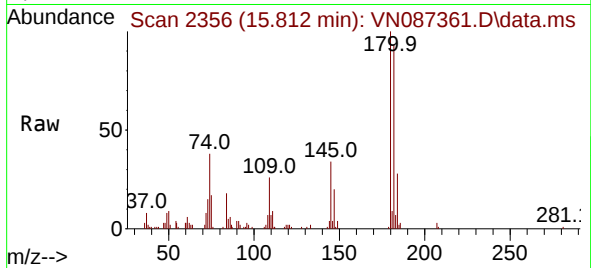
Tgt Ion: 75 Resp: 18194
 Ion Ratio Lower Upper
 75 100
 155 73.0 58.3 87.5
 157 95.2 79.2 118.8





#89
1,2,4-Trichlorobenzene
Concen: 21.289 ug/l
RT: 15.812 min Scan# 21
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

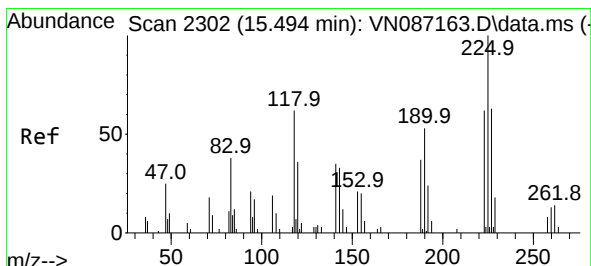
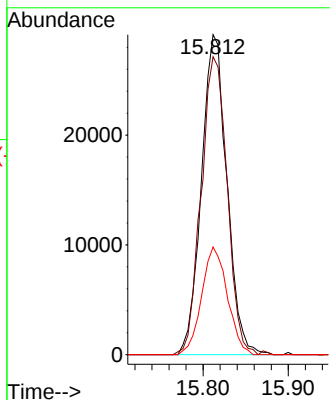
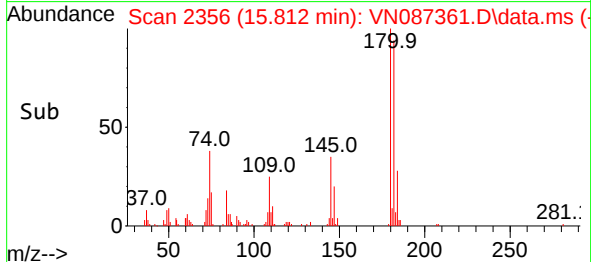
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01



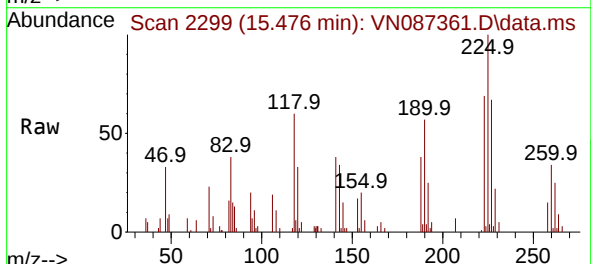
Tgt Ion:180 Resp: 60524
Ion Ratio Lower Upper
180 100
182 94.7 74.2 111.2
145 34.0 27.6 41.4

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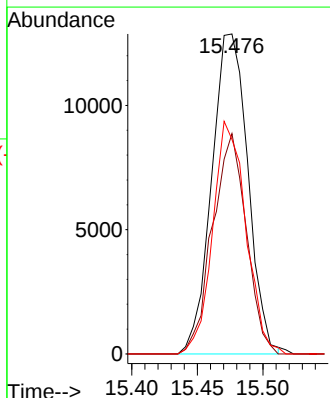
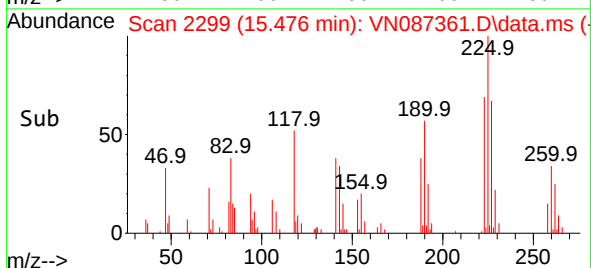
Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

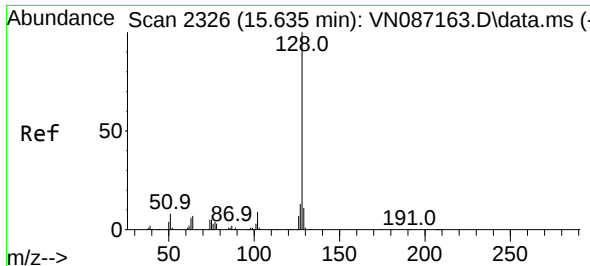


#90
Hexachlorobutadiene
Concen: 29.265 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.017 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16



Tgt Ion:225 Resp: 24689
Ion Ratio Lower Upper
225 100
223 64.3 0.0 134.2
227 66.7 0.0 122.6





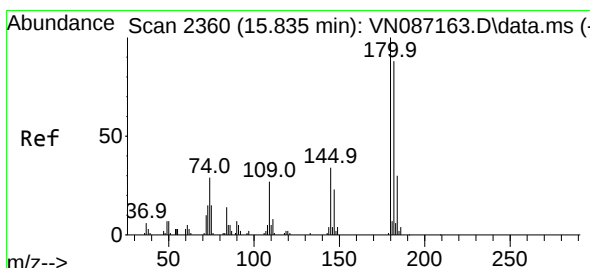
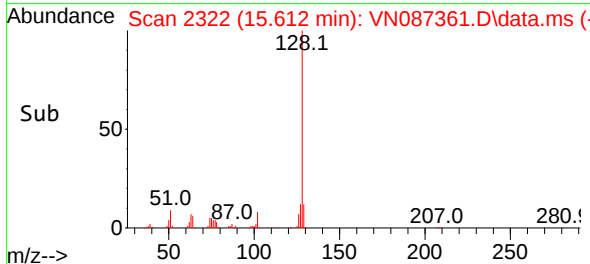
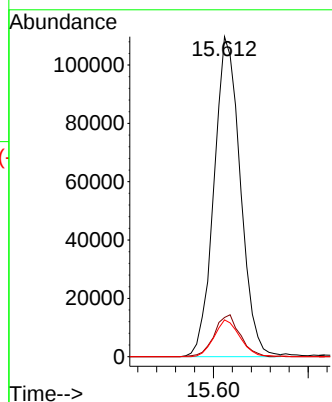
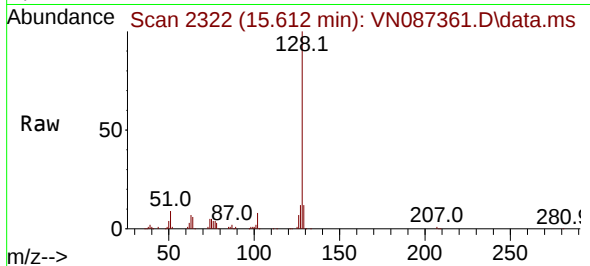
#91
Naphthalene
Concen: 18.945 ug/l
RT: 15.612 min Scan# 21198
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tgt Ion:128 Resp: 21198
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.3 8.8 13.2

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



#92
1,2,3-Trichlorobenzene
Concen: 21.289 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. -0.023 min
Lab File: VN087361.D
Acq: 18 Jul 2025 13:16

Tgt Ion:180 Resp: 60524
Ion Ratio Lower Upper
180 100
182 94.7 0.0 185.4
145 34.0 0.0 69.0

