

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
 Data File : VN086536.D
 Acq On : 07 May 2025 15:53
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2025
 Supervised By : Mahesh Dadoda 05/08/2025

Quant Time: May 08 03:26:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	45671	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	269450	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	245281	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	122695	27.865	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	92.867%		
60) 4-Bromofluorobenzene	12.847	95	141224	29.295	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.633%		
63) Toluene-d8	10.565	98	399527	29.608	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.700%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	70546	22.374	ug/l	98
3) Chloromethane	2.359	50	75746	16.912	ug/l	97
4) Vinyl Chloride	2.512	62	82046	19.126	ug/l	98
5) Bromomethane	2.959	94	42825	19.122	ug/l	95
6) Chloroethane	3.124	64	54148	18.934	ug/l	99
7) Trichlorofluoromethane	3.501	101	115712	22.852	ug/l	93
8) Diethyl Ether	3.959	74	45565	21.318	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	69762	22.411	ug/l	99
10) 1,1-Dichloroethene	4.336	96	67254	21.108	ug/l	95
11) Methyl Iodide	4.589	142	71610	19.209	ug/l	99
12) Methyl Acetate	5.024	43	81112	17.961	ug/l	99
13) Acrolein	4.183	56	17090	69.125	ug/l	98
14) Acrylonitrile	5.712	53	161046	95.816	ug/l	98
15) Acetone	4.418	58	42135	90.976	ug/l	93
16) Carbon Disulfide	4.712	76	185301	22.071	ug/l	98
17) Allyl chloride	5.018	41	96007	18.845	ug/l	95
18) Methylene Chloride	5.277	84	76724	21.145	ug/l	90
19) trans-1,2-Dichloroethene	5.783	96	71775	21.135	ug/l	96
20) Diisopropyl ether	6.671	45	228405	18.856	ug/l	97
21) 1,1-Dichloroethane	6.565	63	133925	20.198	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	89667	21.116	ug/l	92
23) tert-Butyl Alcohol	5.518	59	64243	98.668	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	248786	21.134	ug/l	97
25) Chloroform	7.965	83	139178	20.740	ug/l	95
26) Cyclohexane	8.253	56	111715	19.082	ug/l #	94
29) 1,1-Dichloropropene	8.365	75	98398	20.715	ug/l	98
30) 2-Butanone	7.477	43	219204	95.075	ug/l	97
31) 2,2-Dichloropropane	7.483	77	125447	20.544	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	123160	21.697	ug/l	97
33) Carbon Tetrachloride	8.359	117	103762	22.205	ug/l	99
34) Benzene	8.600	78	314907	20.843	ug/l	96
35) Methacrylonitrile	7.777	41	48936	18.607	ug/l	93
36) 1,2-Dichloroethane	8.671	62	104349	21.273	ug/l #	91
37) Trichloroethene	9.347	130	82158	21.722	ug/l	86
38) Methylcyclohexane	9.600	83	115690	21.088	ug/l	97
39) 1,2-Dichloropropane	9.618	63	73829	19.780	ug/l	96
40) Dibromomethane	9.706	93	52982	21.226	ug/l	93
41) Bromodichloromethane	9.882	83	111237	21.059	ug/l	100
42) Vinyl Acetate	6.600	43	830650	104.003	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
 Data File : VN086536.D
 Acq On : 07 May 2025 15:53
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

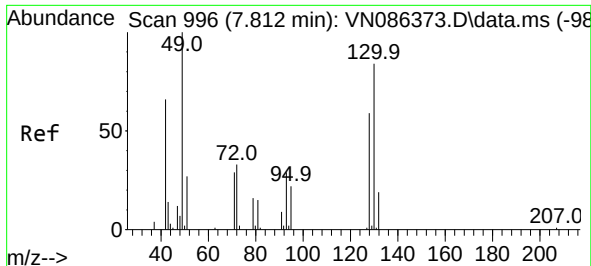
Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2025
 Supervised By : Mahesh Dadoda 05/08/2025

Quant Time: May 08 03:26:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	91218	19.992	ug/l	100
44) Isopropyl Acetate	8.683	43	170639	19.705	ug/l	99
45) 1,4-Dioxane	9.688	88	28148	416.606	ug/l	90
46) Methyl methacrylate	9.677	41	76859	19.241	ug/l	97
47) n-amyl Acetate	12.488	43	146946	19.909	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	118776	20.113	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	126120	20.252	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	74532	21.377	ug/l	98
51) Ethyl methacrylate	10.871	69	123293	20.305	ug/l	94
52) 1,3-Dichloropropane	11.159	76	128009	20.774	ug/l	99
53) Dibromochloromethane	11.353	129	85947	21.954	ug/l	99
54) 1,2-Dibromoethane	11.465	107	76184	21.491	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	258066	90.396	ug/l	97
56) Bromoform	12.576	173	55639	21.901	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	471371	99.308	ug/l	98
59) 2-Hexanone	11.194	43	342711	97.978	ug/l	97
61) Tetrachloroethene	11.100	164	80729	21.579	ug/l	96
62) Toluene	10.630	91	349956	21.315	ug/l	99
64) Chlorobenzene	11.888	112	224612	21.956	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	76752	22.438	ug/l	100
66) Ethyl Benzene	11.959	91	387294	20.957	ug/l	99
67) m/p-Xylenes	12.065	106	298641	42.590	ug/l	100
68) o-Xylene	12.394	106	148356	21.609	ug/l	95
69) Styrene	12.406	104	247323	21.253	ug/l	99
70) Isopropylbenzene	12.694	105	364883	21.291	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	101227	22.432	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	97390m	24.754	ug/l	
73) Bromobenzene	12.976	156	89625	22.747	ug/l	90
74) n-propylbenzene	13.035	91	424532	20.846	ug/l	97
75) 2-Chlorotoluene	13.123	91	264494	20.805	ug/l	97
76) 1,3,5-Trimethylbenzene	13.171	105	301767	21.459	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	35809	17.935	ug/l	93
78) 4-Chlorotoluene	13.218	91	264581	20.814	ug/l	97
79) tert-butylbenzene	13.435	119	264877	21.994	ug/l	97
80) 1,2,4-Trimethylbenzene	13.476	105	304730	21.219	ug/l	98
81) sec-Butylbenzene	13.612	105	373228	21.710	ug/l	98
82) p-Isopropyltoluene	13.723	119	312871	21.749	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	162060	21.758	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	160581	21.821	ug/l	98
85) n-Butylbenzene	14.053	91	269099	20.965	ug/l	98
86) Hexachloroethane	14.329	117	48407	20.579	ug/l	97
87) 1,2-Dichlorobenzene	14.100	146	154437	21.792	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	18302	19.953	ug/l	86
89) 1,2,4-Trichlorobenzene	15.835	180	74176	22.965	ug/l	99
90) Hexachlorobutadiene	15.500	225	30753	23.637	ug/l	96
91) Naphthalene	15.635	128	249135	21.544	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	74176	22.965	ug/l	99

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



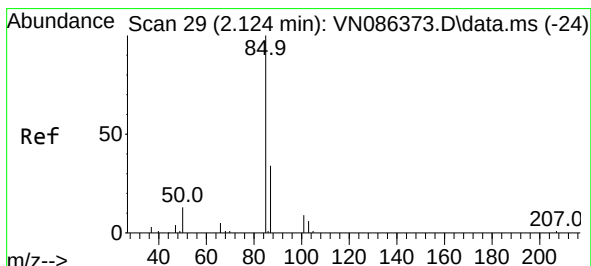
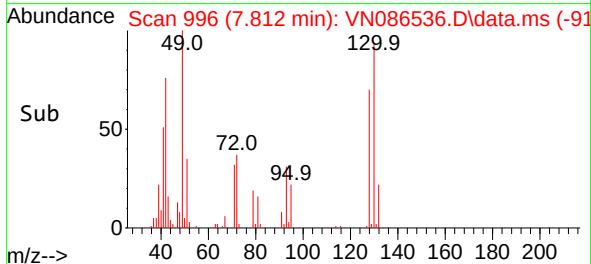
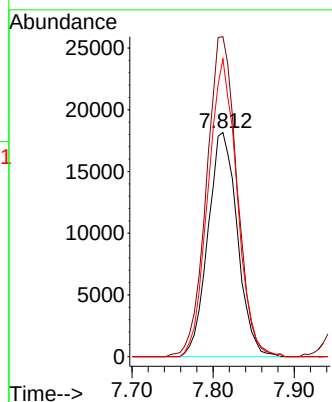
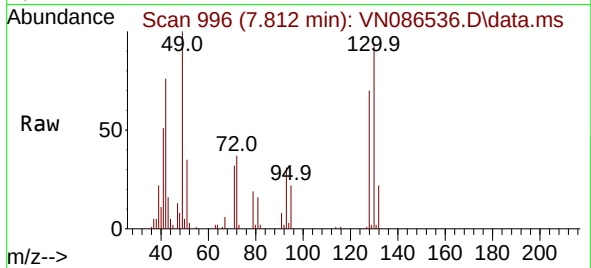
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDC0020EC

Tgt Ion: 128 Resp: 4567
Ion Ratio Lower Upper
128 100
49 147.7 0.0 433.8
130 131.0 0.0 325.0

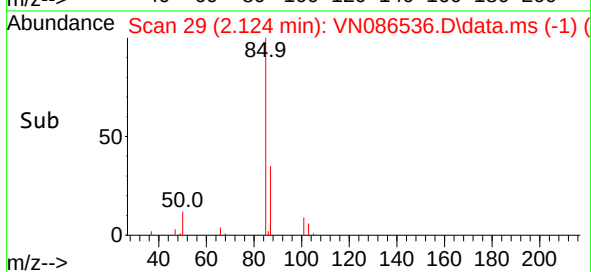
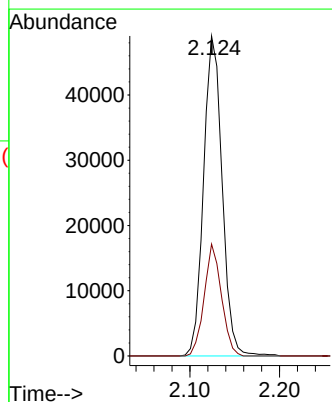
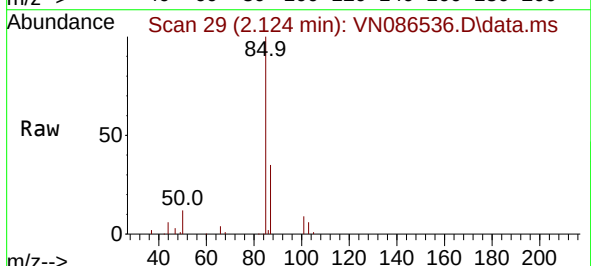
Manual Integrations
APPROVED

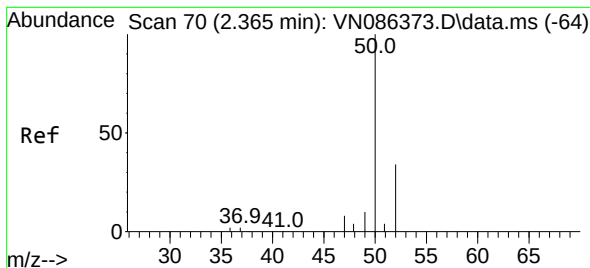
Reviewed By : John Carlone 05/08/2025
Supervised By : Mahesh Dadoda 05/08/2025



#2
Dichlorodifluoromethane
Concen: 22.374 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Tgt Ion: 85 Resp: 70546
Ion Ratio Lower Upper
85 100
87 35.0 17.0 50.9





#3

Chloromethane

Concen: 16.912 ug/l

RT: 2.359 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN086536.D

Acq: 07 May 2025 15:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 50 Resp: 75740

Ion Ratio Lower Upper

50 100

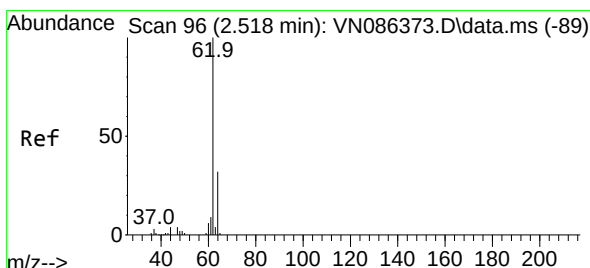
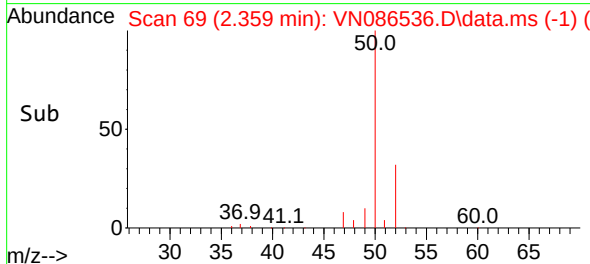
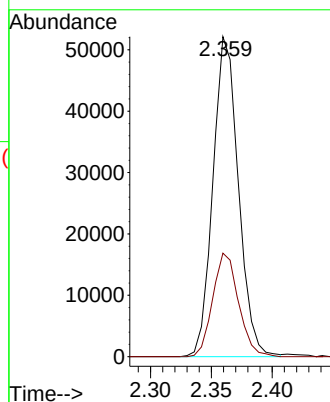
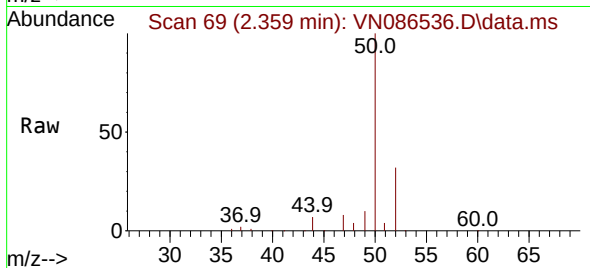
52 32.4 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#4

Vinyl Chloride

Concen: 19.126 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN086536.D

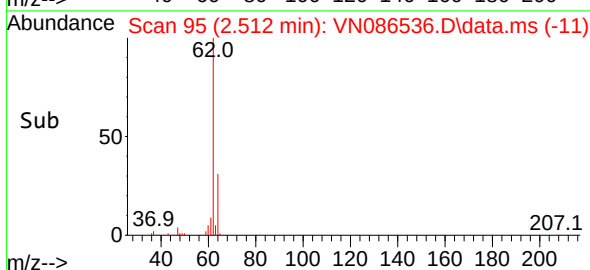
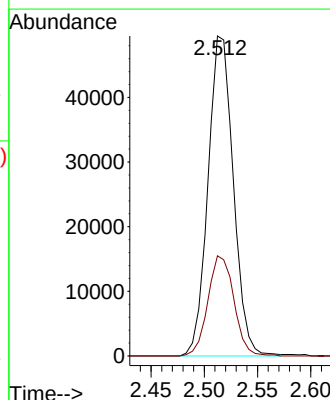
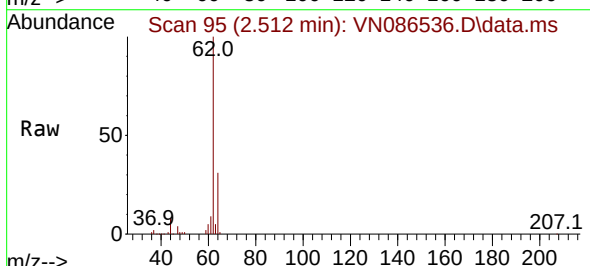
Acq: 07 May 2025 15:53

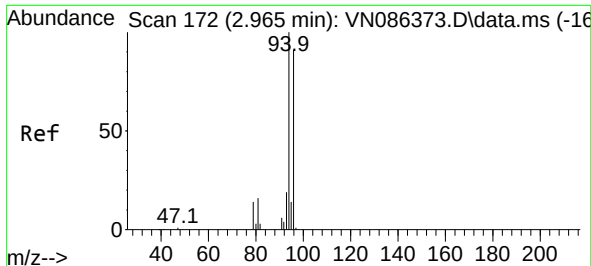
Tgt Ion: 62 Resp: 82046

Ion Ratio Lower Upper

62 100

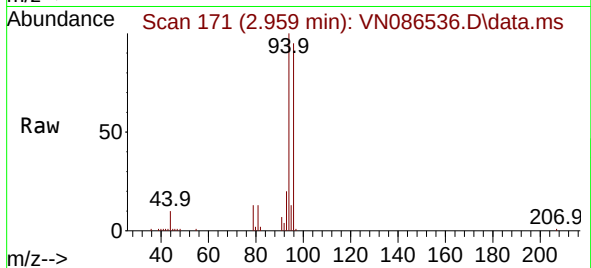
64 31.3 25.8 38.8





#5
Bromomethane
Concen: 19.122 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

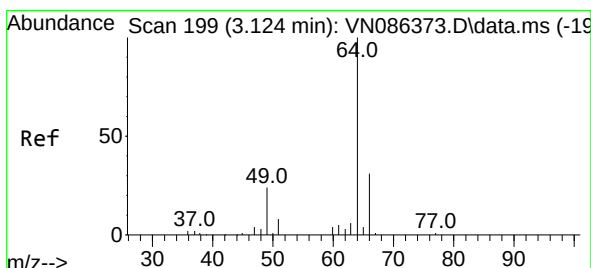
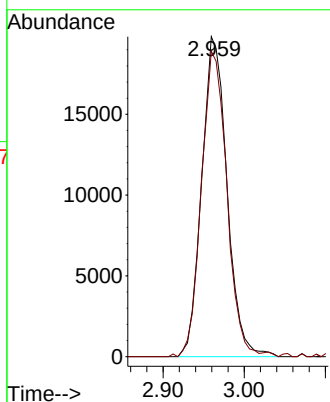
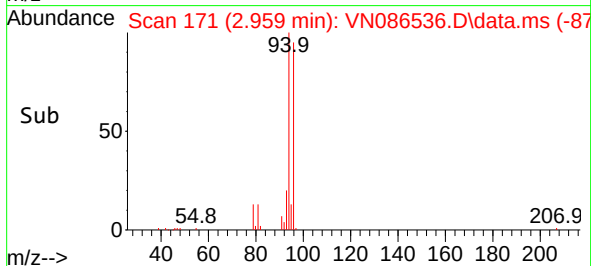
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 4282
Ion Ratio Lower Upper
94 100
96 95.4 72.4 108.6

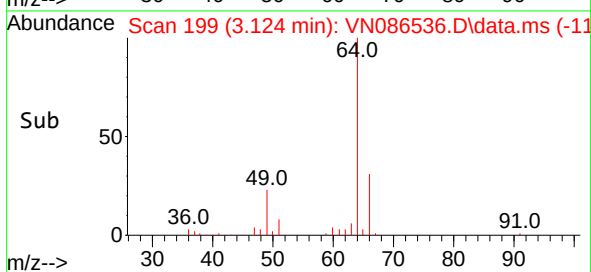
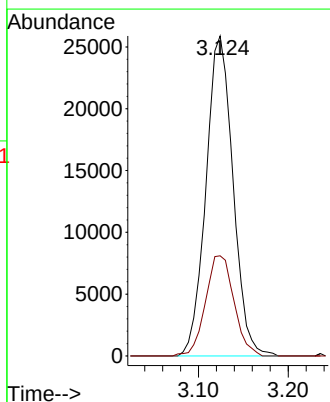
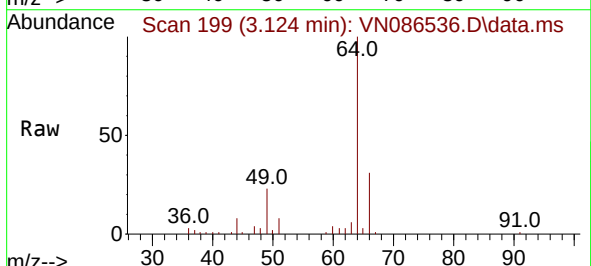
Manual Integrations
APPROVED

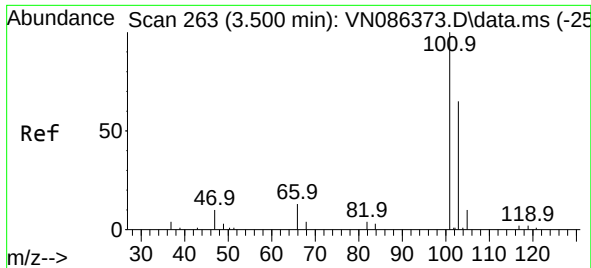
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#6
Chloroethane
Concen: 18.934 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

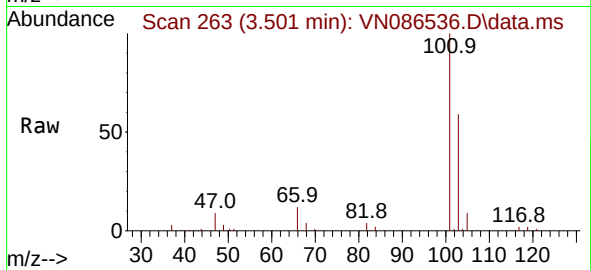
Tgt Ion: 64 Resp: 54148
Ion Ratio Lower Upper
64 100
66 31.3 24.5 36.7





#7
 Trichlorofluoromethane
 Concen: 22.852 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086536.D
 Acq: 07 May 2025 15:53

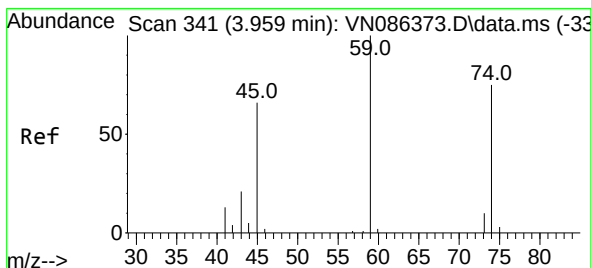
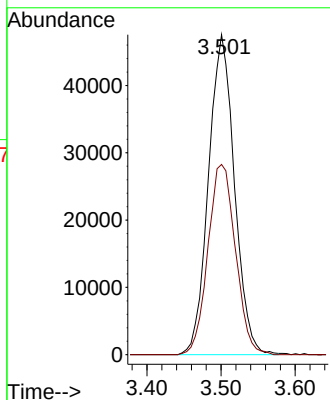
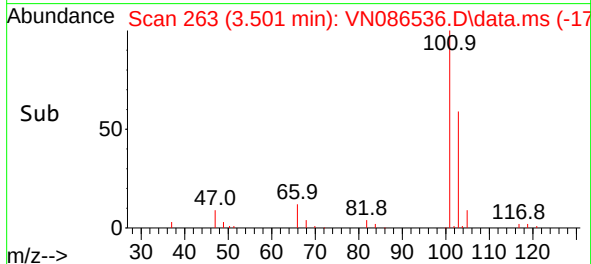
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:101 Resp: 115712
 Ion Ratio Lower Upper
 101 100
 103 59.5 51.8 77.6

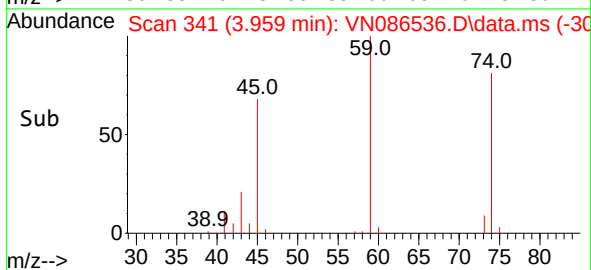
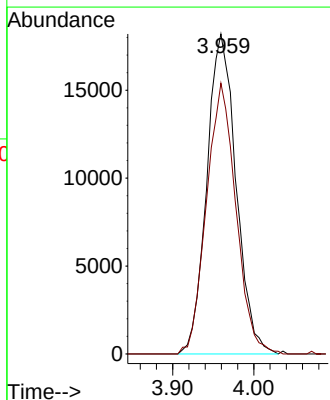
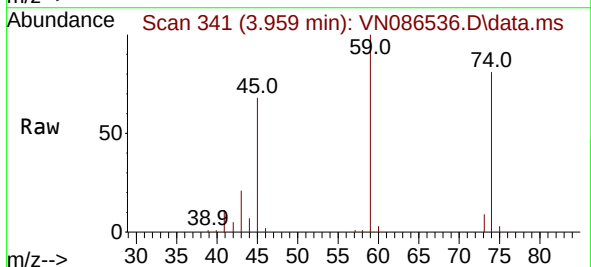
Manual Integrations
 APPROVED

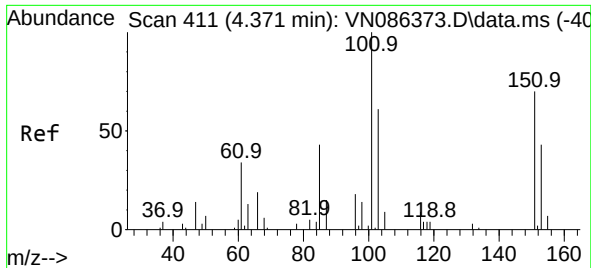
Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025



#8
 Diethyl Ether
 Concen: 21.318 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086536.D
 Acq: 07 May 2025 15:53

Tgt Ion: 74 Resp: 45565
 Ion Ratio Lower Upper
 74 100
 45 85.1 18.5 166.3





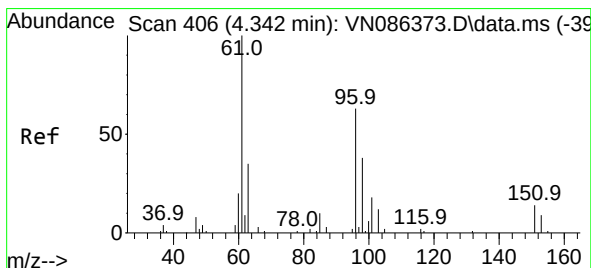
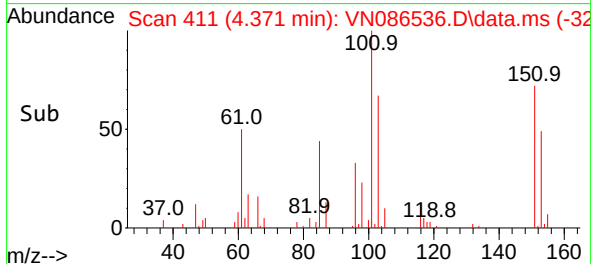
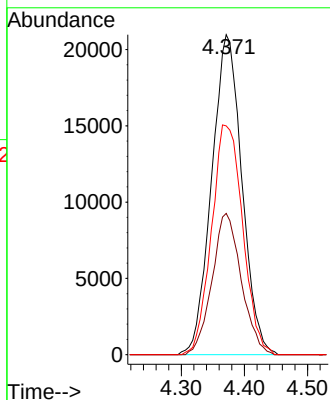
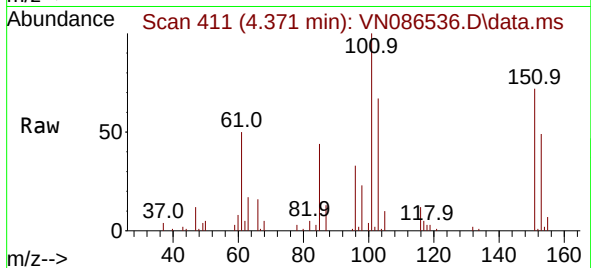
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.411 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN086536.D
 Acq: 07 May 2025 15:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:101 Resp: 69762
 Ion Ratio Lower Upper
 101 100
 85 42.7 0.0 84.4
 151 74.0 0.0 145.8

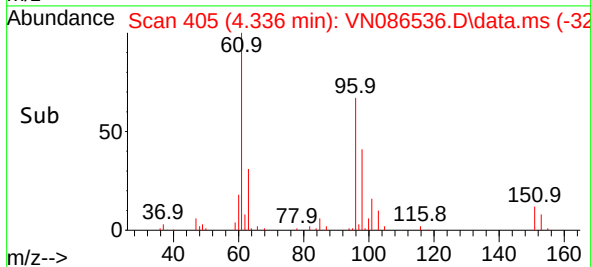
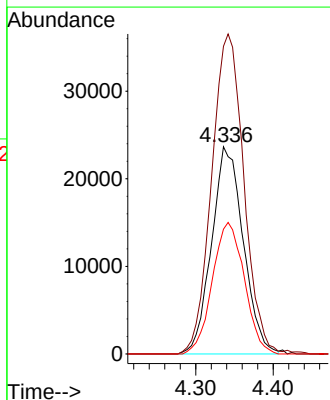
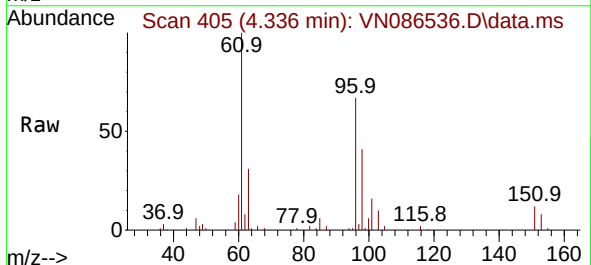
Manual Integrations
 APPROVED

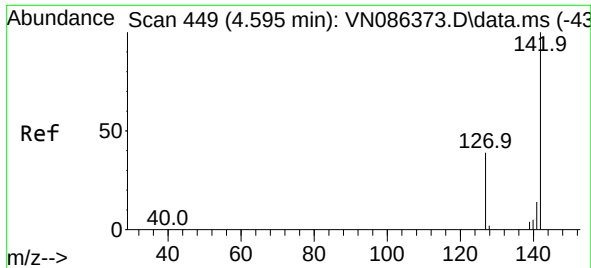
Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025



#10
 1,1-Dichloroethene
 Concen: 21.108 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN086536.D
 Acq: 07 May 2025 15:53

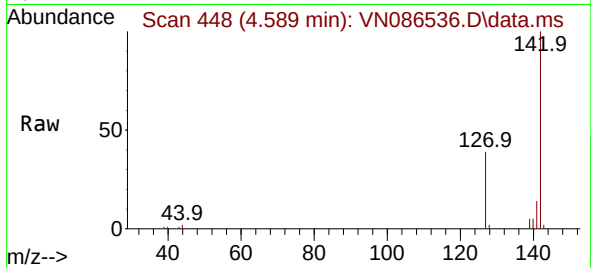
Tgt Ion: 96 Resp: 67254
 Ion Ratio Lower Upper
 96 100
 61 148.5 126.2 189.4
 98 60.2 48.5 72.7





#11
Methyl Iodide
Concen: 19.209 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

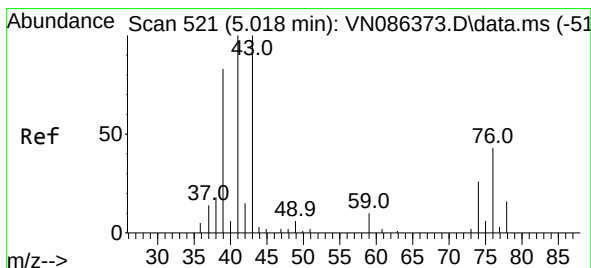
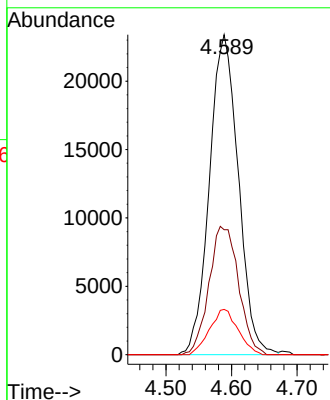
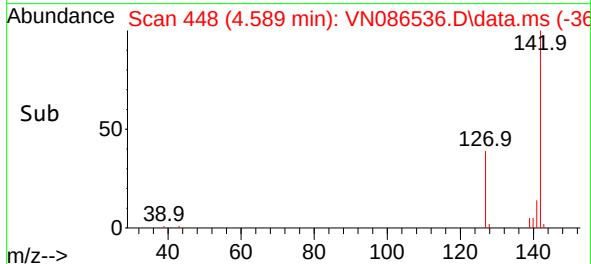
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 71610
Ion Ratio Lower Upper
142 100
127 39.2 19.3 57.9
141 14.2 7.1 21.3

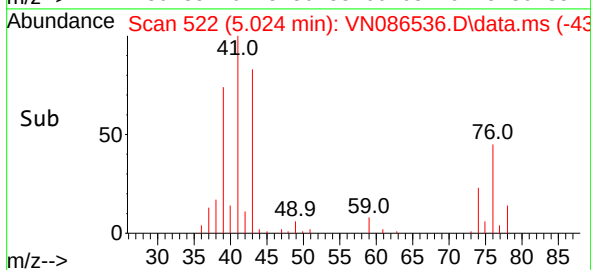
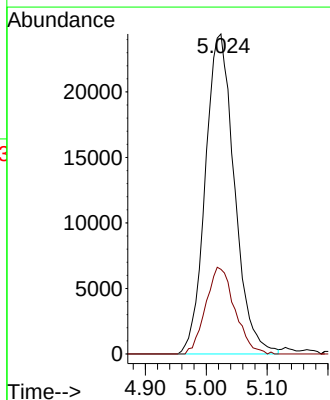
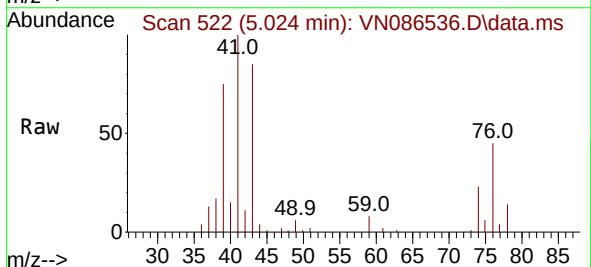
Manual Integrations
APPROVED

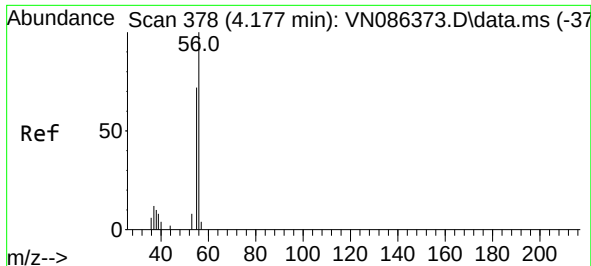
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#12
Methyl Acetate
Concen: 17.961 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Tgt Ion: 43 Resp: 81112
Ion Ratio Lower Upper
43 100
74 26.6 20.8 31.2





#13

Acrolein

Concen: 69.125 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN086536.D

Acq: 07 May 2025 15:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 17090

Ion Ratio Lower Upper

56 100

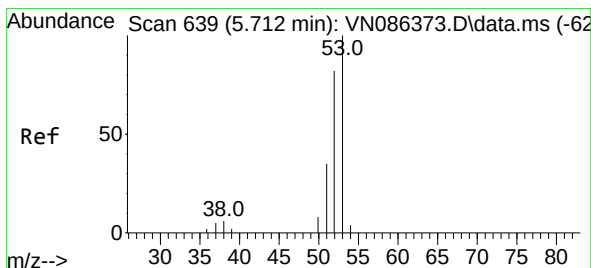
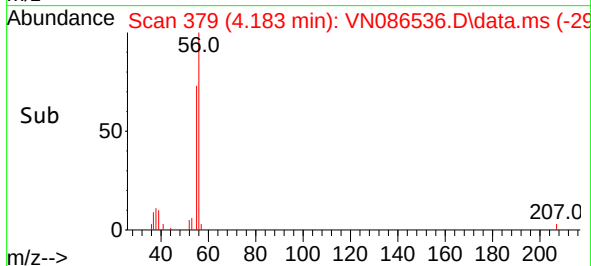
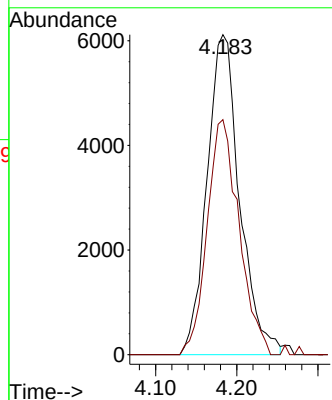
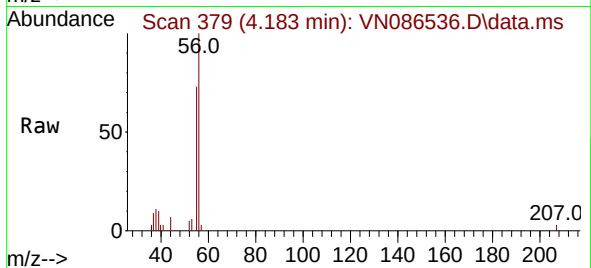
55 71.7 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#14

Acrylonitrile

Concen: 95.816 ug/l

RT: 5.712 min Scan# 639

Delta R.T. 0.000 min

Lab File: VN086536.D

Acq: 07 May 2025 15:53

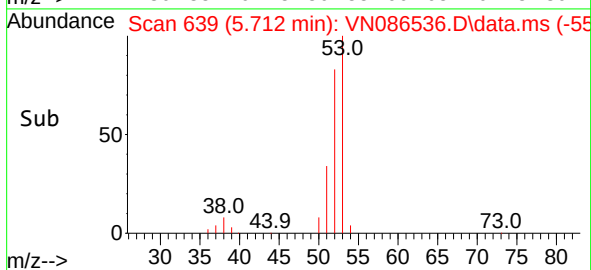
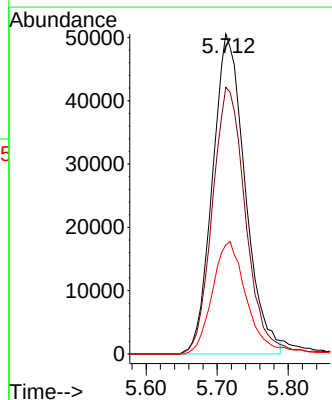
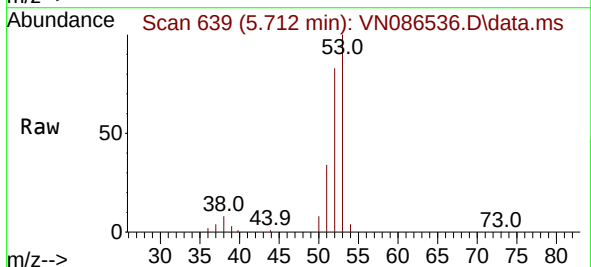
Tgt Ion: 53 Resp: 161046

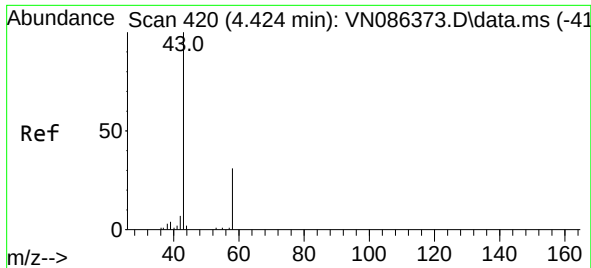
Ion Ratio Lower Upper

53 100

52 85.0 41.2 123.6

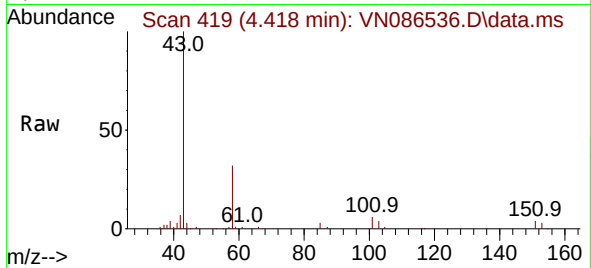
51 35.9 17.6 52.8





#15
Acetone
Concen: 90.976 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

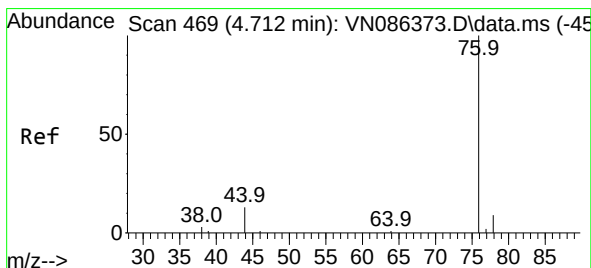
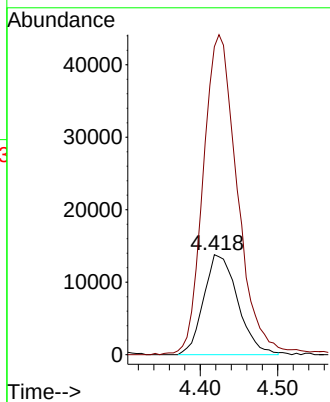
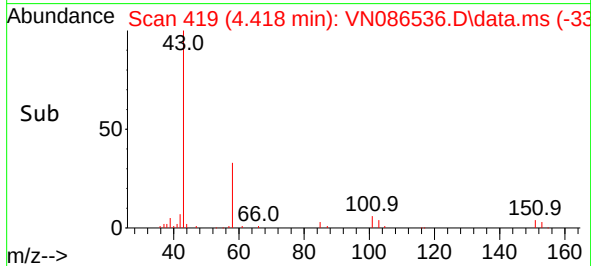
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 42138
Ion Ratio Lower Upper
58 100
43 304.1 255.1 382.7

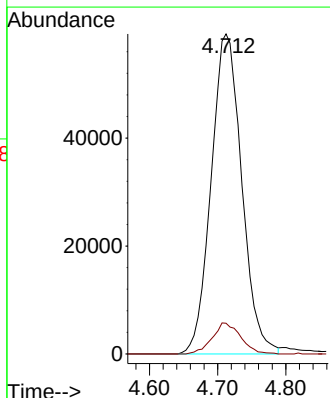
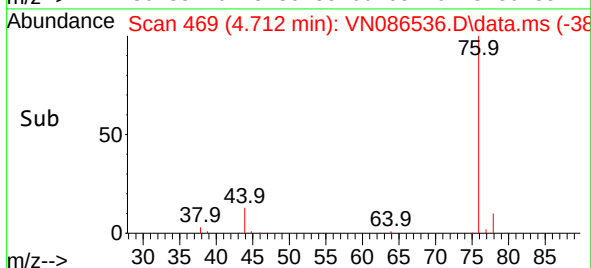
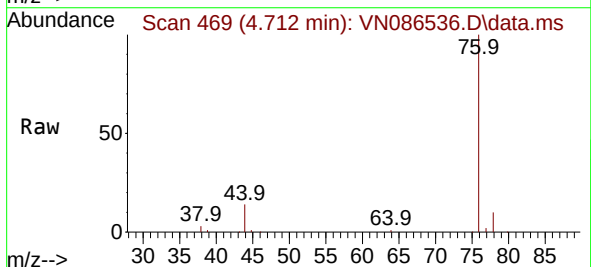
Manual Integrations
APPROVED

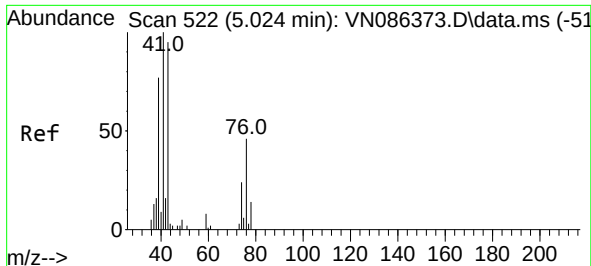
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#16
Carbon Disulfide
Concen: 22.071 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

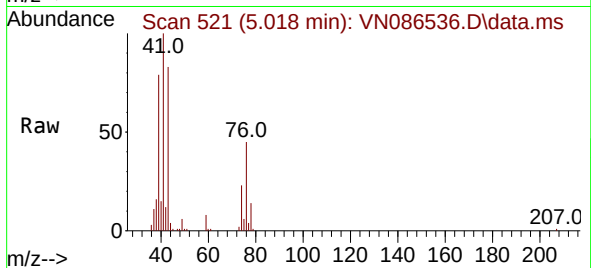
Tgt Ion: 76 Resp: 185301
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7





#17
Allyl chloride
Concen: 18.845 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

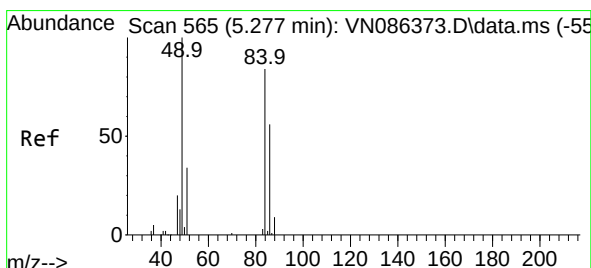
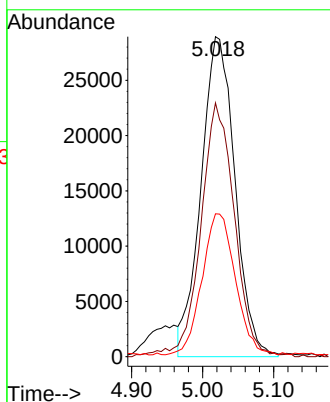
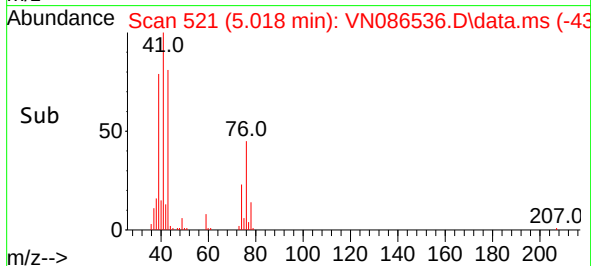
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 9600
Ion Ratio Lower Upper
41 100
39 79.4 36.7 110.1
76 44.4 21.8 65.4

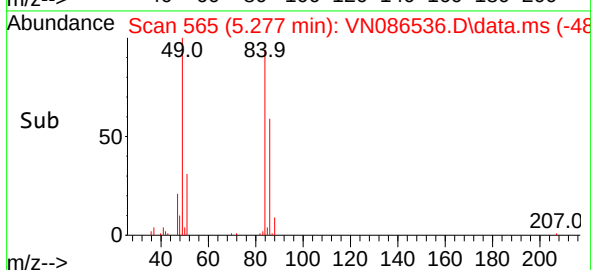
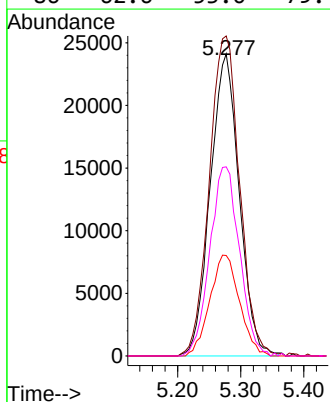
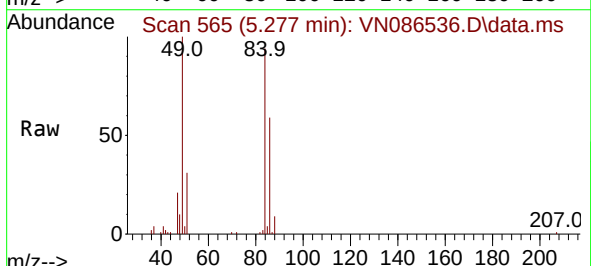
Manual Integrations
APPROVED

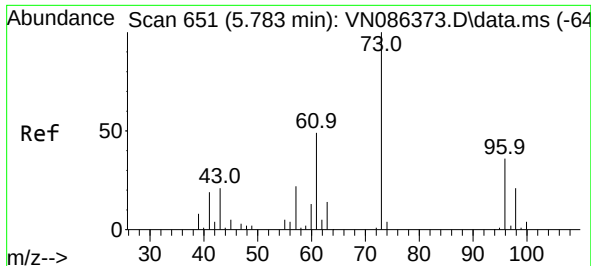
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#18
Methylene Chloride
Concen: 21.145 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

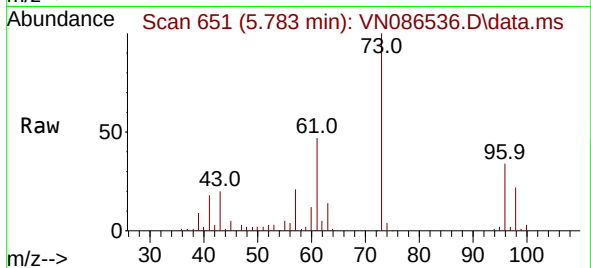
Tgt Ion: 84 Resp: 76724
Ion Ratio Lower Upper
84 100
49 105.9 95.4 143.0
51 33.3 32.8 49.2
86 62.6 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 21.135 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

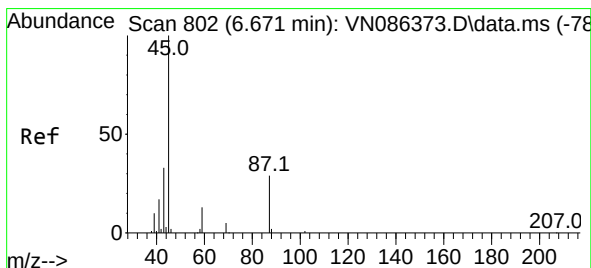
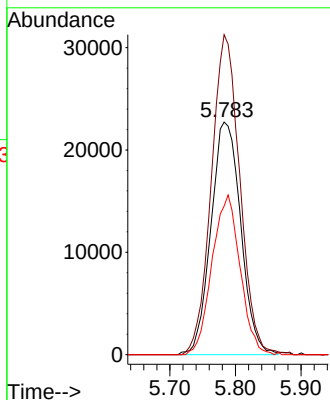
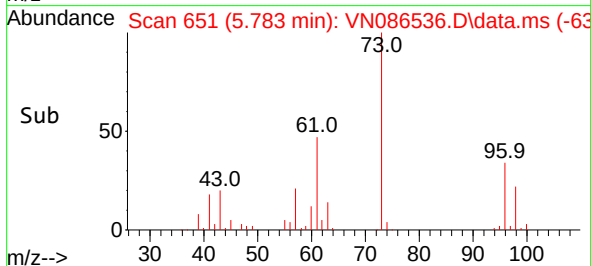
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 71775
Ion Ratio Lower Upper
96 100
61 137.5 107.3 160.9
98 63.9 46.7 70.1

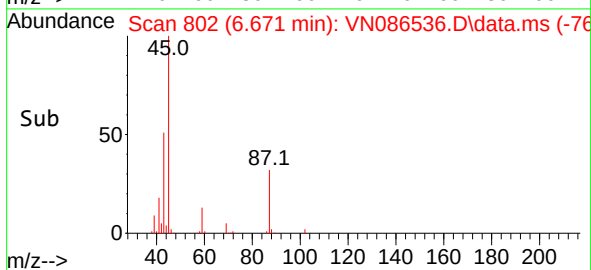
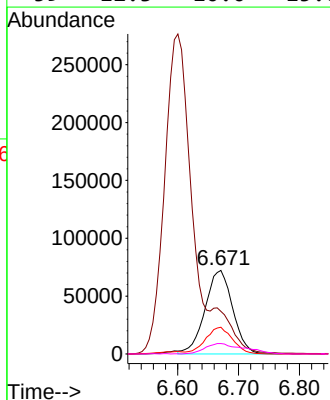
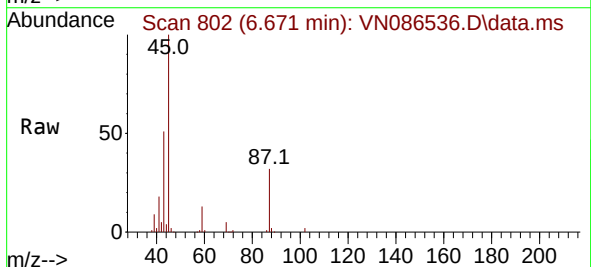
Manual Integrations
APPROVED

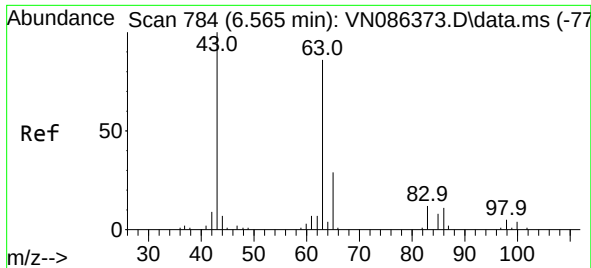
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#20
Diisopropyl ether
Concen: 18.856 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Tgt Ion: 45 Resp: 228405
Ion Ratio Lower Upper
45 100
43 50.0 38.8 58.2
87 32.1 23.5 35.3
59 12.3 10.0 15.0





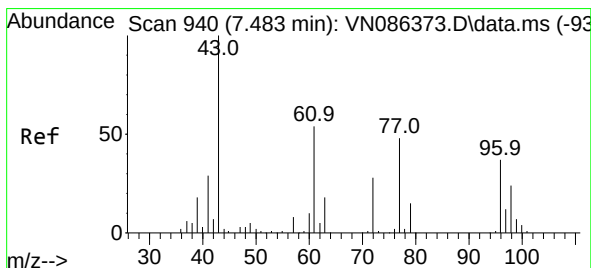
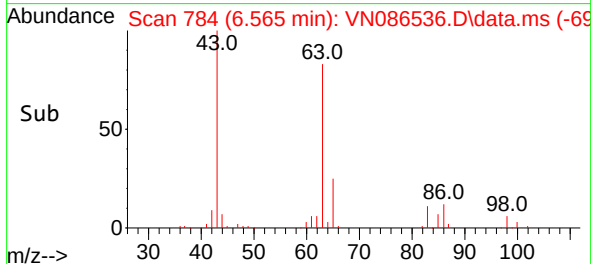
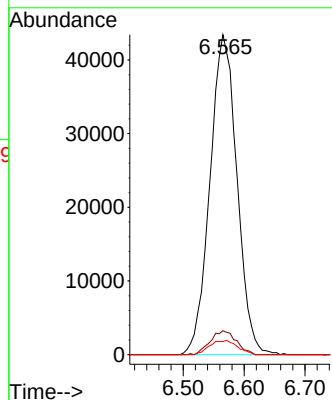
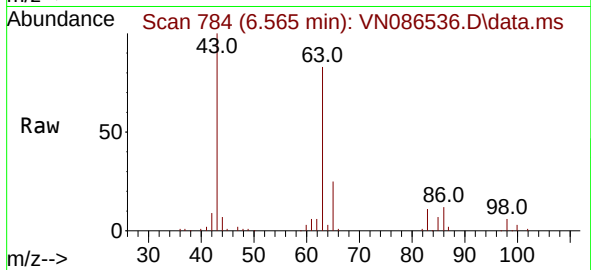
#21
1,1-Dichloroethane
Concen: 20.198 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 13392
Ion Ratio Lower Upper
63 100
98 7.5 3.0 9.2
100 4.1 2.3 6.8

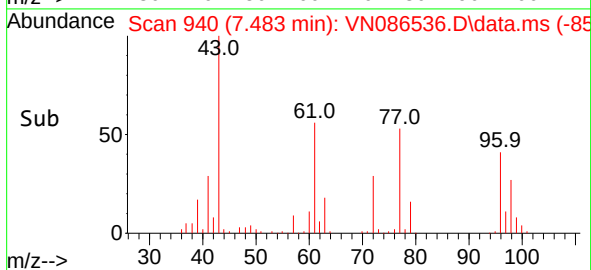
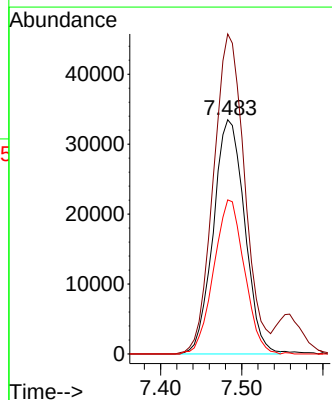
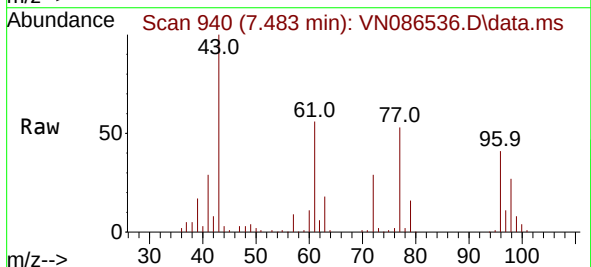
Manual Integrations
APPROVED

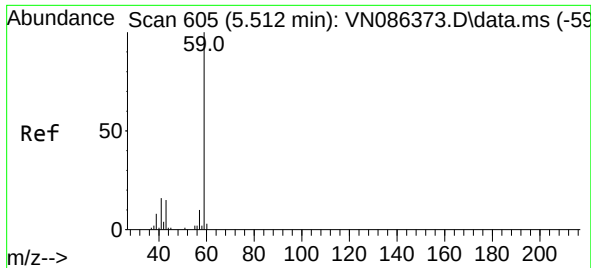
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#22
cis-1,2-Dichloroethene
Concen: 21.116 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Tgt Ion: 96 Resp: 89667
Ion Ratio Lower Upper
96 100
61 136.8 120.6 181.0
98 64.5 51.8 77.6





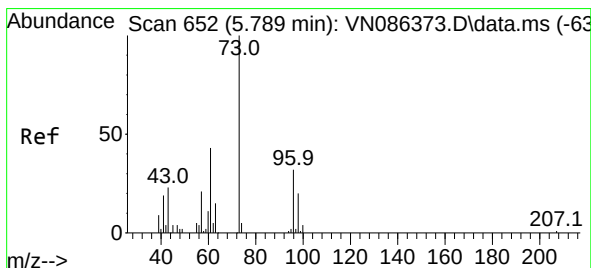
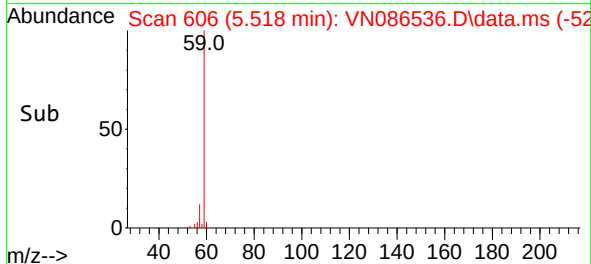
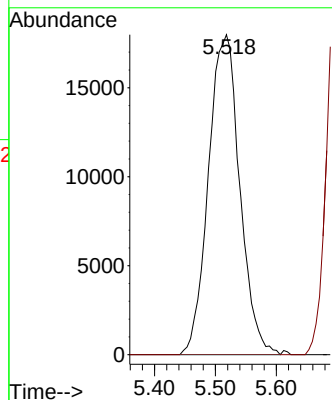
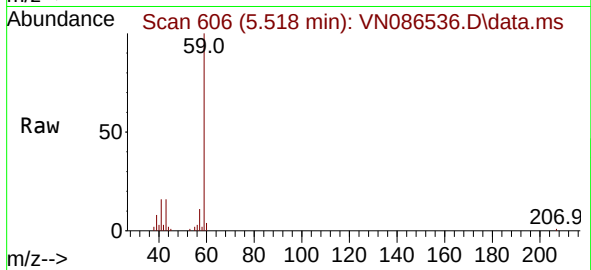
#23
tert-Butyl Alcohol
Concen: 98.668 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 64243
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

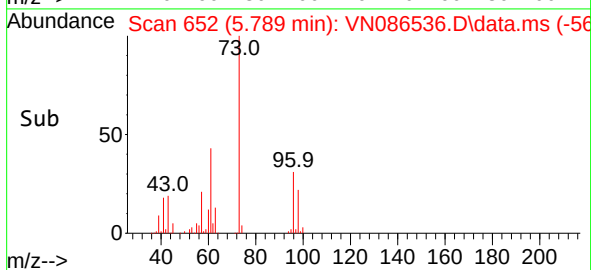
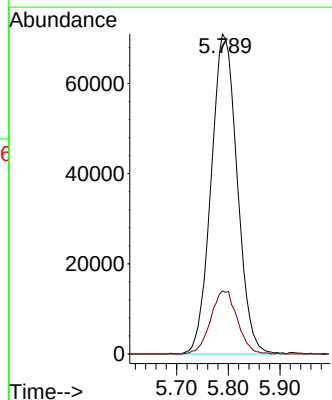
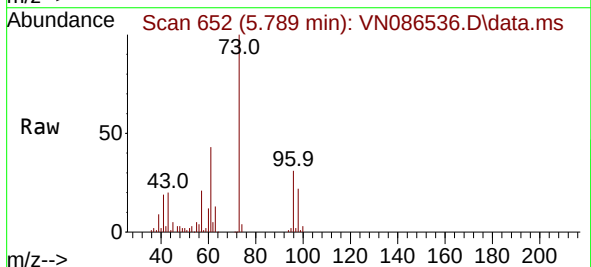
Manual Integrations
APPROVED

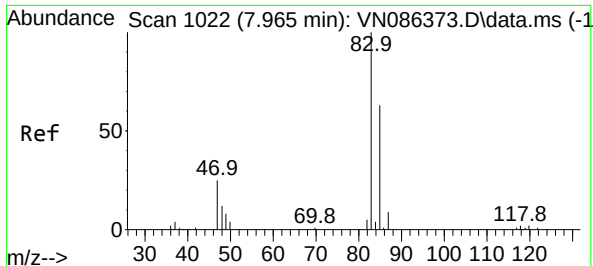
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#24
Methyl tert-Butyl Ether
Concen: 21.134 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Tgt Ion: 73 Resp: 248786
Ion Ratio Lower Upper
73 100
43 20.1 17.1 25.7





#25

Chloroform

Concen: 20.740 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086536.D

Acq: 07 May 2025 15:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 139178

Ion Ratio Lower Upper

83 100

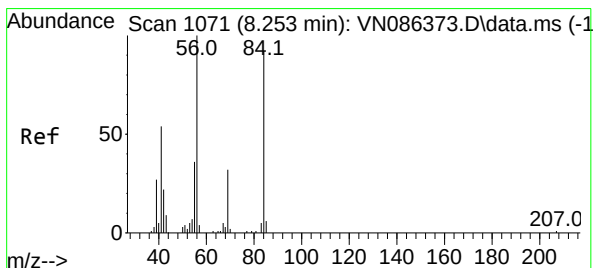
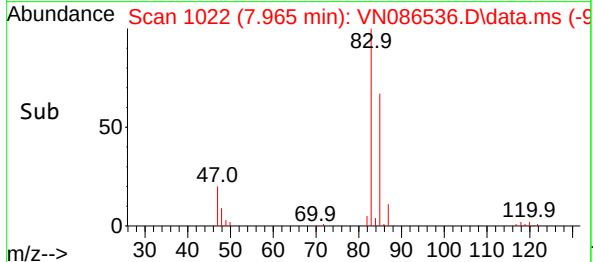
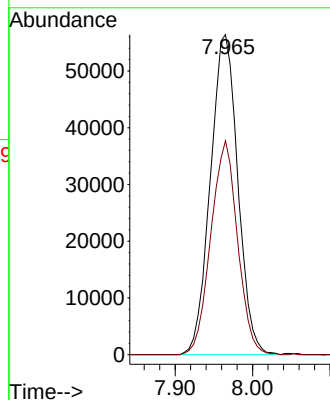
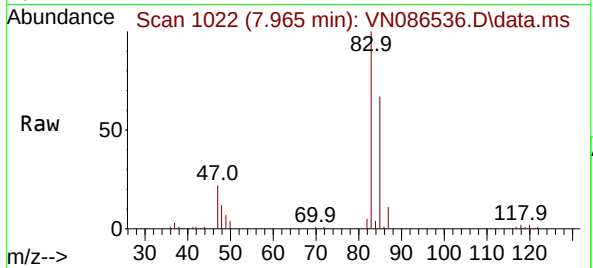
85 66.9 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#26

Cyclohexane

Concen: 19.082 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086536.D

Acq: 07 May 2025 15:53

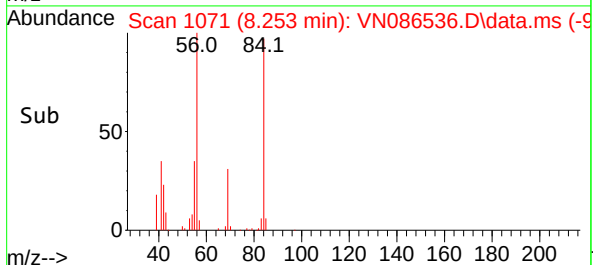
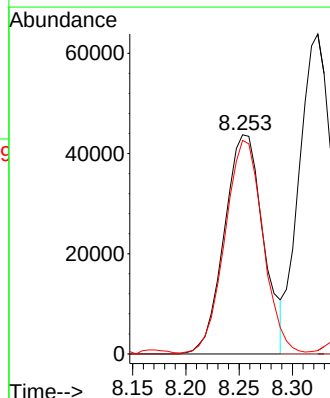
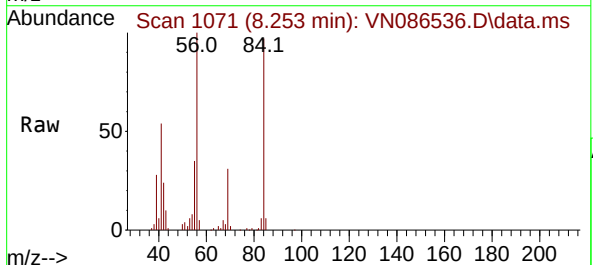
Tgt Ion: 56 Resp: 111715

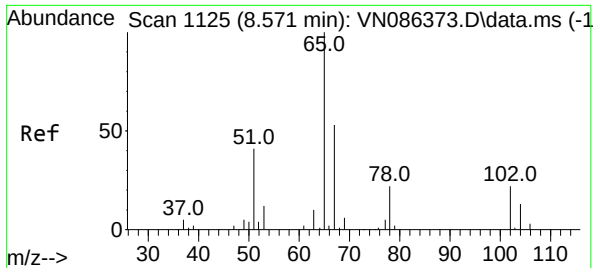
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

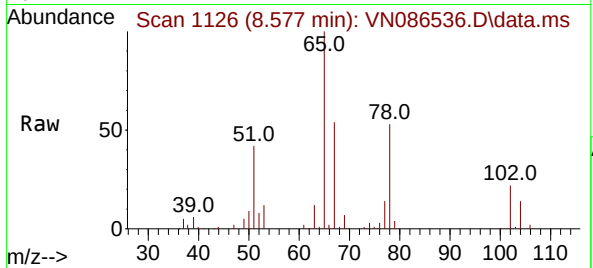
84 95.3 71.5 107.3





#27
1,2-Dichloroethane-d4
Concen: 27.865 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

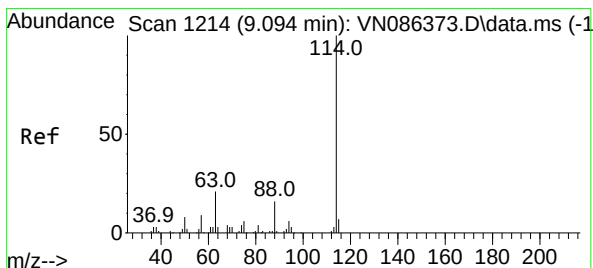
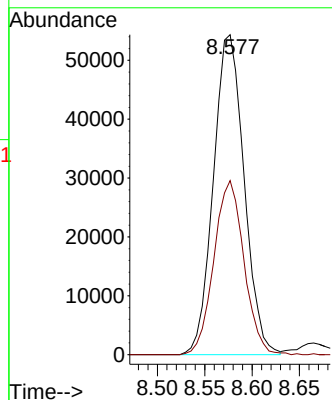
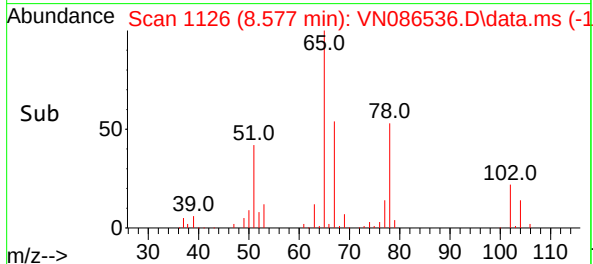
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



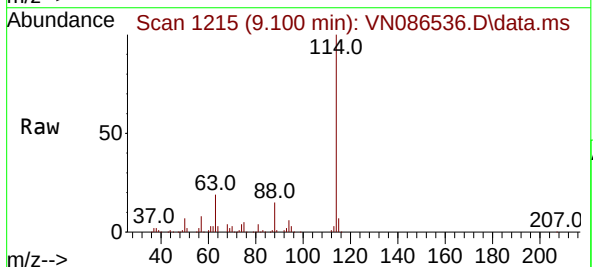
Tgt Ion: 65 Resp: 122695
Ion Ratio Lower Upper
65 100
67 53.2 42.5 63.7

Manual Integrations
APPROVED

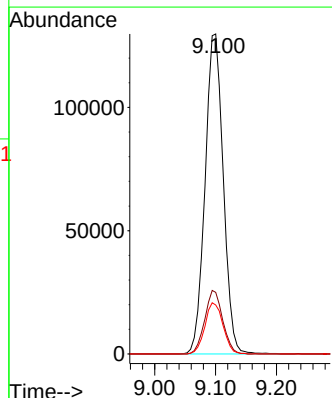
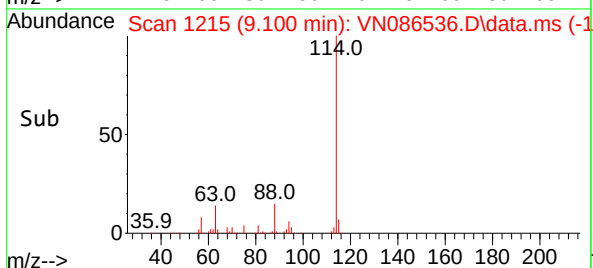
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

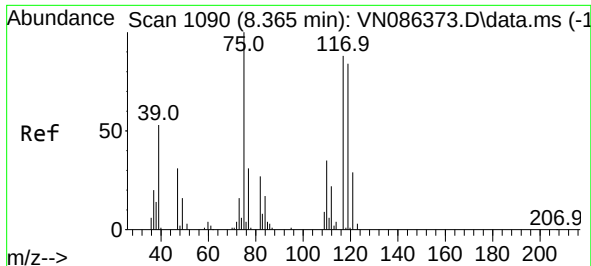


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53



Tgt Ion:114 Resp: 269450
Ion Ratio Lower Upper
114 100
63 19.5 16.7 25.1
88 15.9 12.6 19.0





#29

1,1-Dichloropropene

Concen: 20.715 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN086536.D

Acq: 07 May 2025 15:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

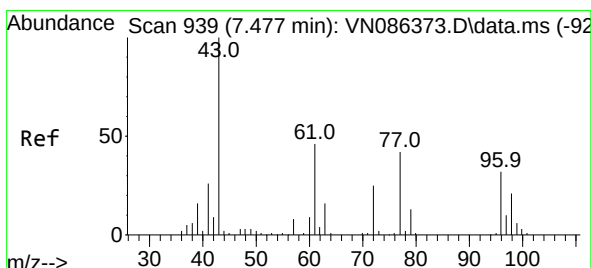
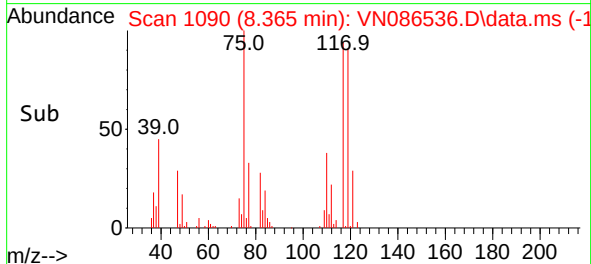
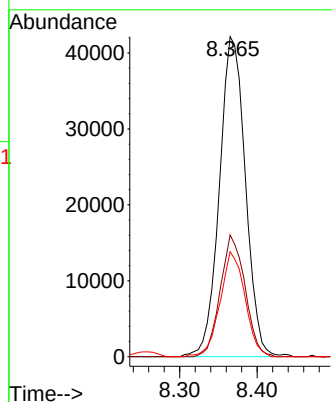
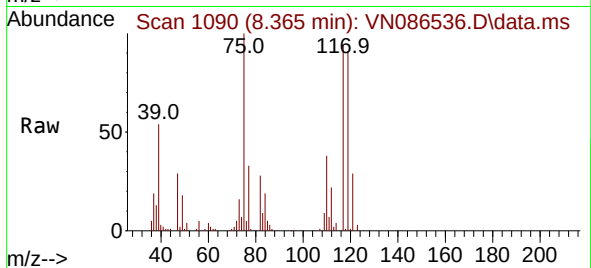
Tgt Ion:	75	Resp:	98398
Ion Ratio	Lower	Upper	
75	100		
110	36.1	0.0	68.0
77	31.2	0.0	61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#30

2-Butanone

Concen: 95.075 ug/l

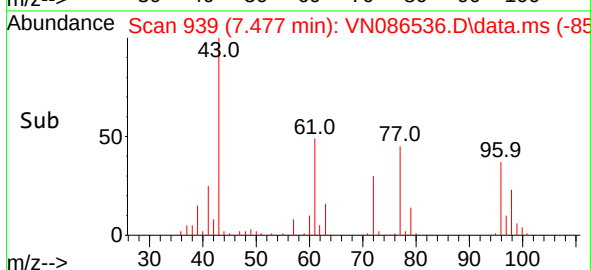
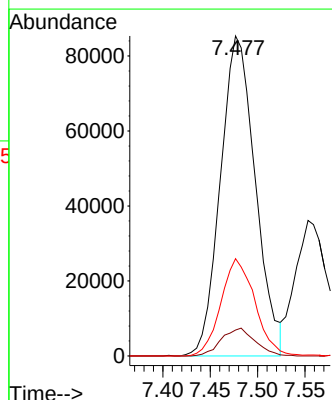
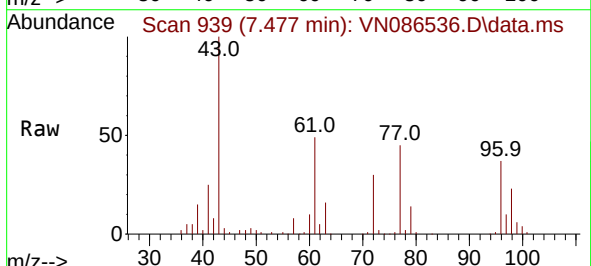
RT: 7.477 min Scan# 939

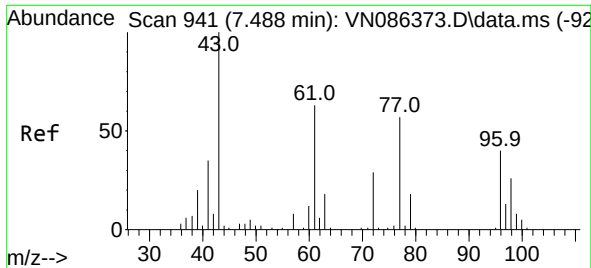
Delta R.T. 0.000 min

Lab File: VN086536.D

Acq: 07 May 2025 15:53

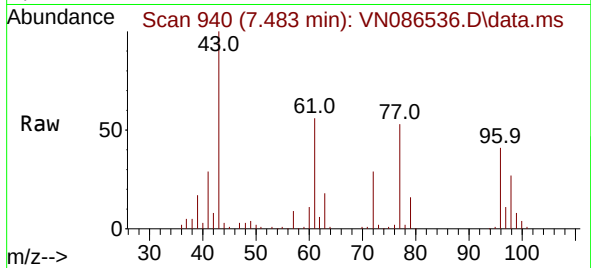
Tgt Ion:	43	Resp:	219204
Ion Ratio	Lower	Upper	
43	100		
57	8.4	6.6	10.0
72	29.6	22.2	33.4





#31
2,2-Dichloropropane
Concen: 20.544 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

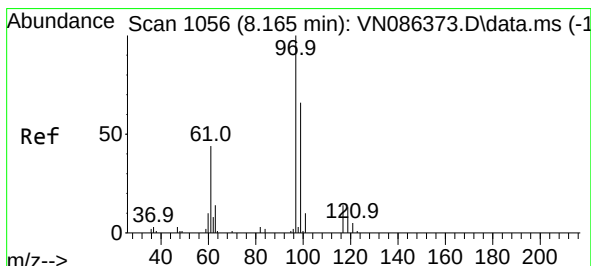
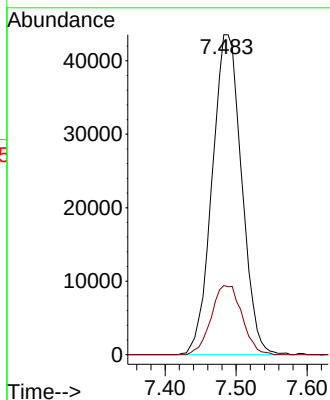
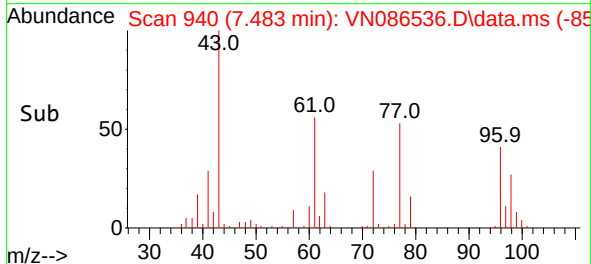
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



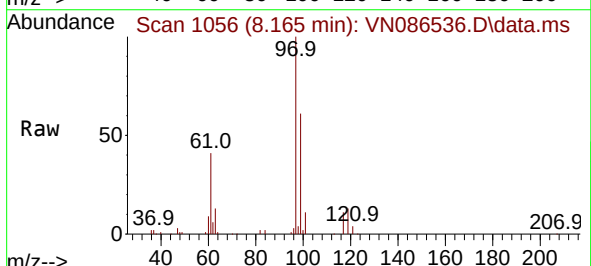
Tgt Ion: 77 Resp: 12544
Ion Ratio Lower Upper
77 100
97 22.5 18.2 27.2

Manual Integrations
APPROVED

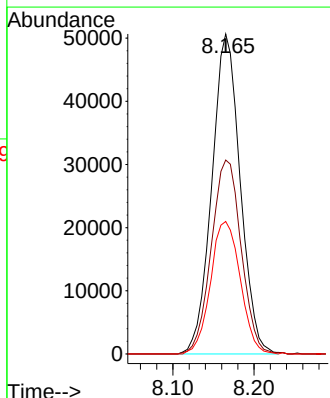
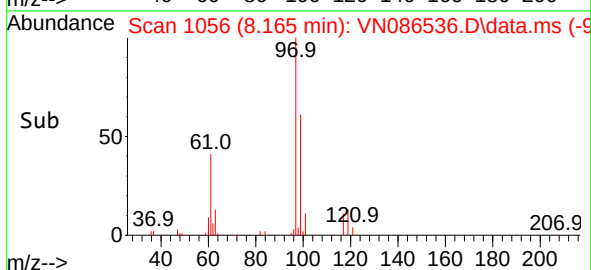
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

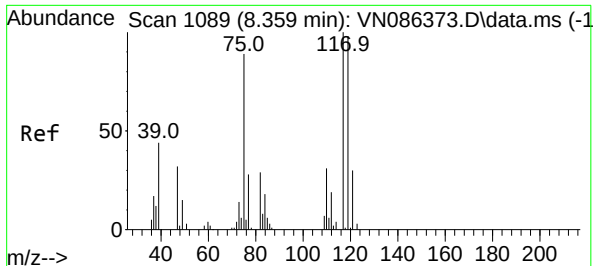


#32
1,1,1-Trichloroethane
Concen: 21.697 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53



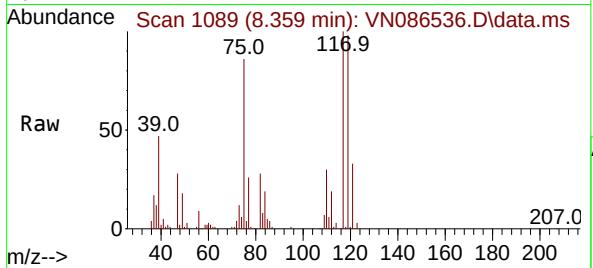
Tgt Ion: 97 Resp: 123160
Ion Ratio Lower Upper
97 100
99 63.7 52.6 79.0
61 43.3 36.4 54.6





#33
Carbon Tetrachloride
Concen: 22.205 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

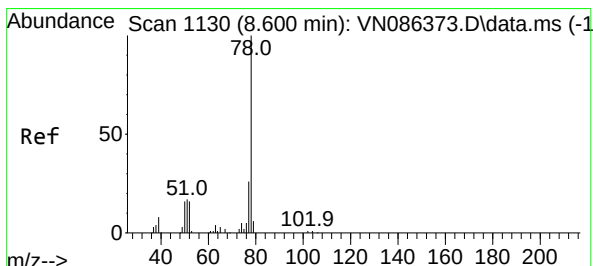
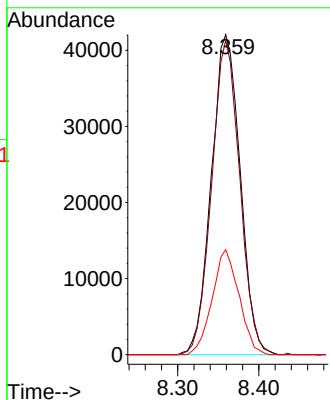
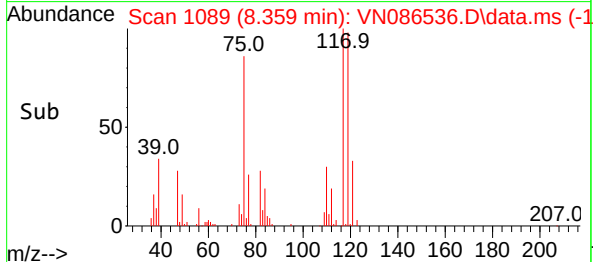
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 103762
Ion Ratio Lower Upper
117 100
119 98.3 78.6 117.8
121 32.8 24.0 36.0

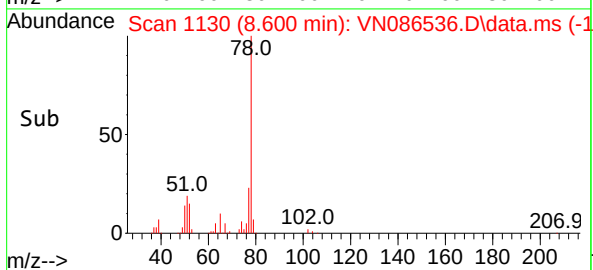
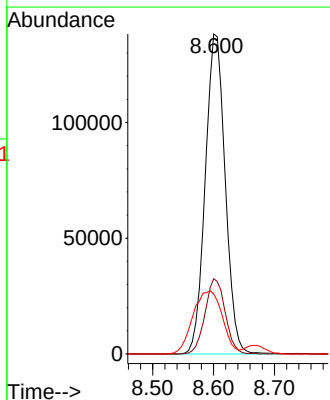
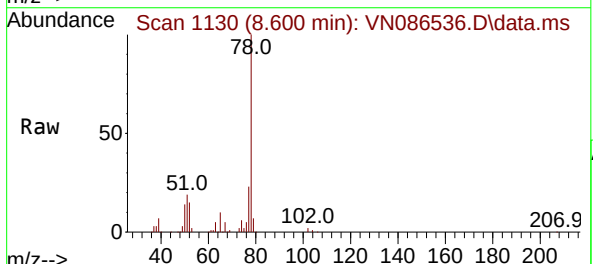
Manual Integrations
APPROVED

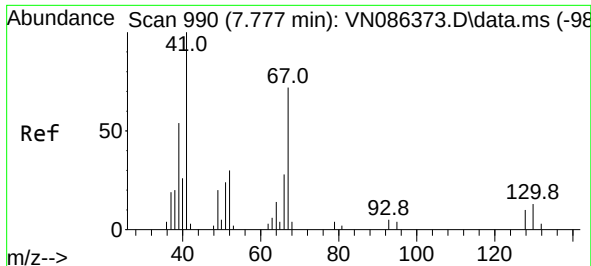
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#34
Benzene
Concen: 20.843 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

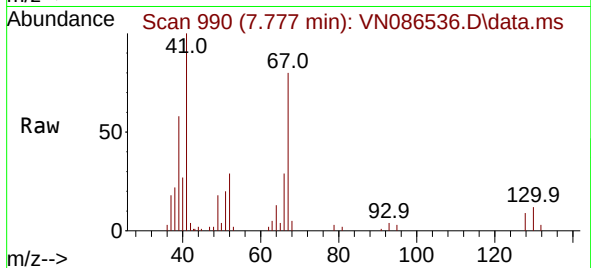
Tgt Ion: 78 Resp: 314907
Ion Ratio Lower Upper
78 100
77 23.5 20.8 31.2
51 18.4 14.0 21.0





#35
Methacrylonitrile
Concen: 18.607 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

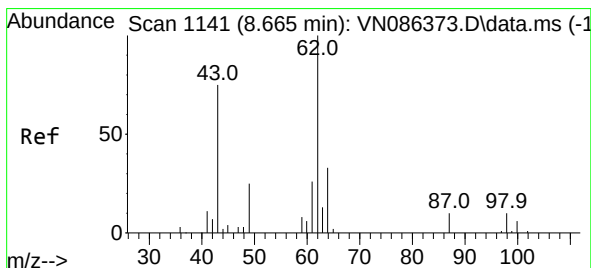
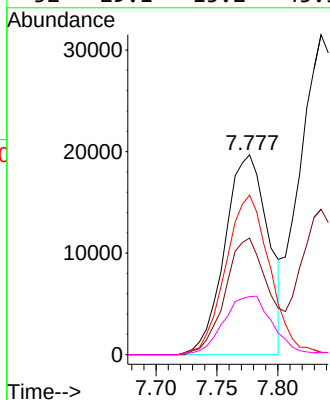
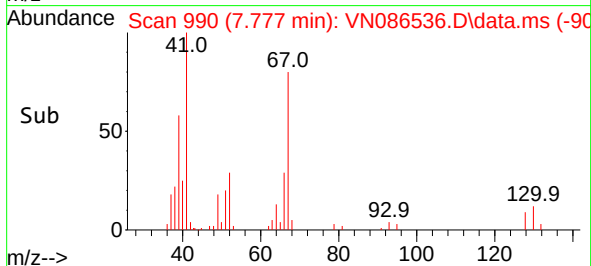
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



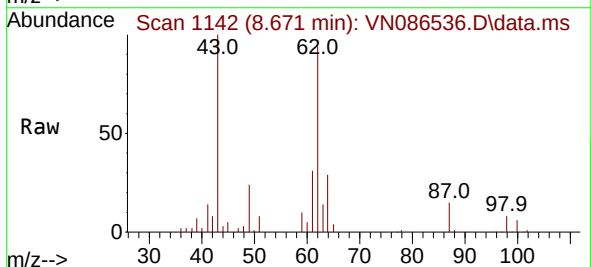
Tgt Ion: 41 Resp: 48930
Ion Ratio Lower Upper
41 100
39 58.4 27.0 80.8
67 79.9 35.8 107.3
52 29.1 15.2 45.5

Manual Integrations
APPROVED

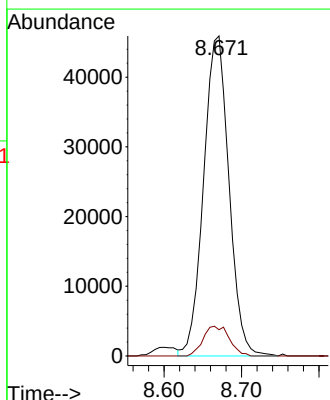
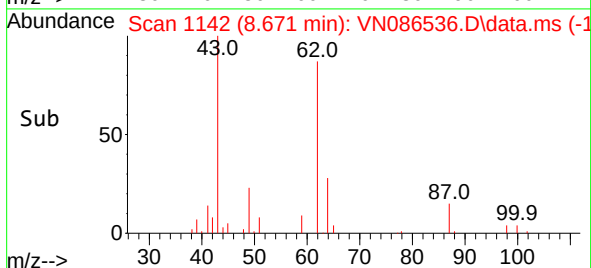
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

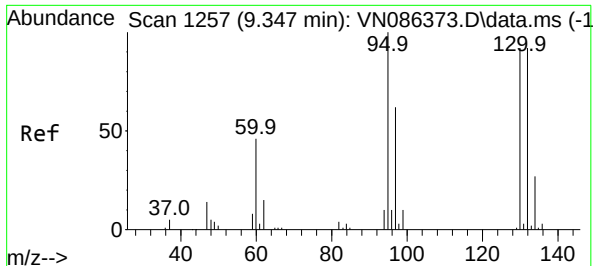


#36
1,2-Dichloroethane
Concen: 21.273 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53



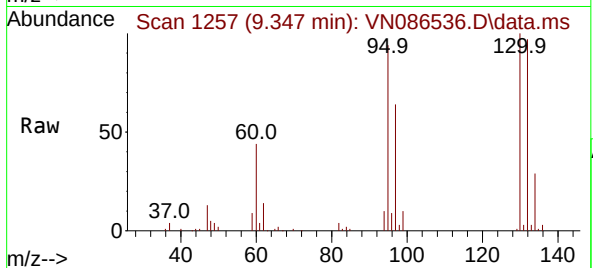
Tgt Ion: 62 Resp: 104349
Ion Ratio Lower Upper
62 100
98 6.2 7.6 11.4#





#37
Trichloroethene
Concen: 21.722 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

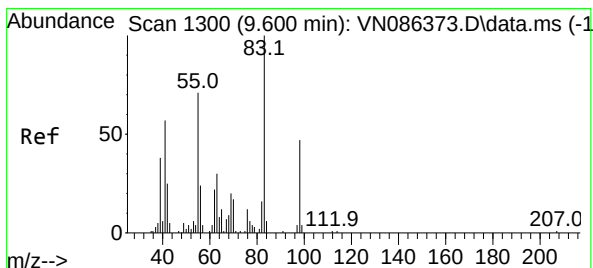
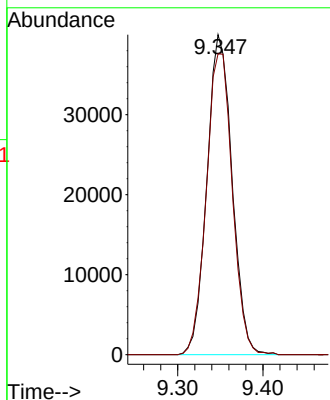
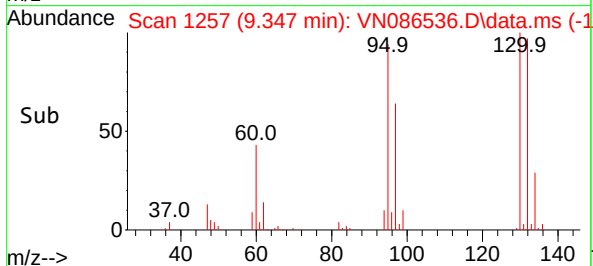
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



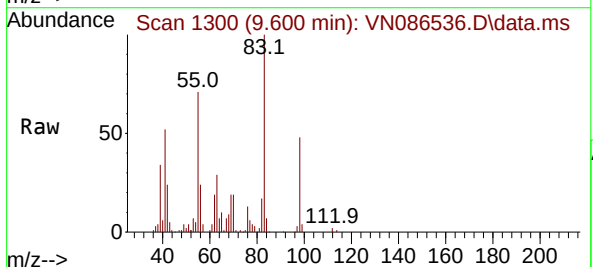
Tgt Ion:130 Resp: 82158
Ion Ratio Lower Upper
130 100
95 94.0 86.6 130.0

Manual Integrations
APPROVED

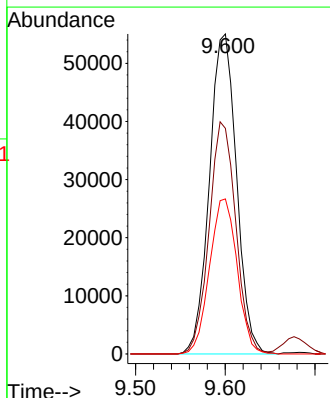
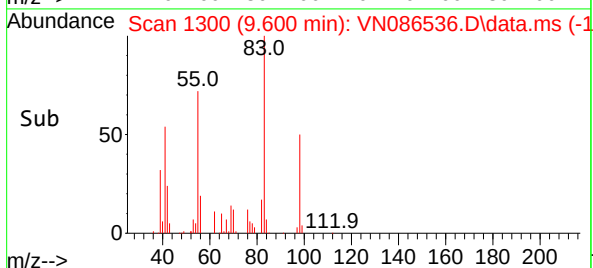
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

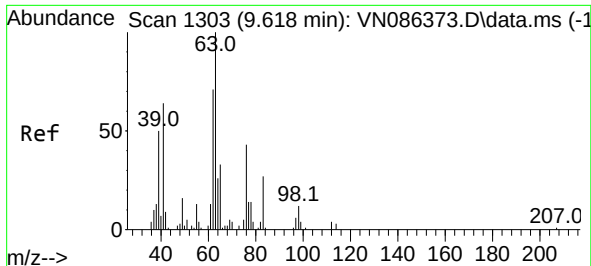


#38
Methylcyclohexane
Concen: 21.088 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53



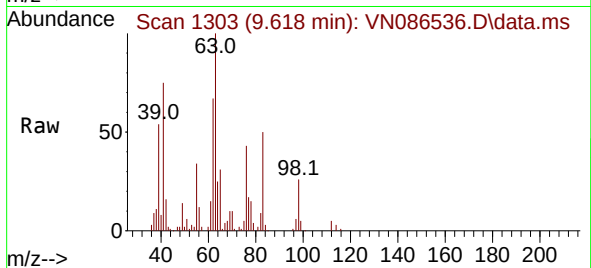
Tgt Ion: 83 Resp: 115690
Ion Ratio Lower Upper
83 100
55 71.5 37.3 111.9
98 49.2 23.8 71.5





#39
1,2-Dichloropropane
Concen: 19.780 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

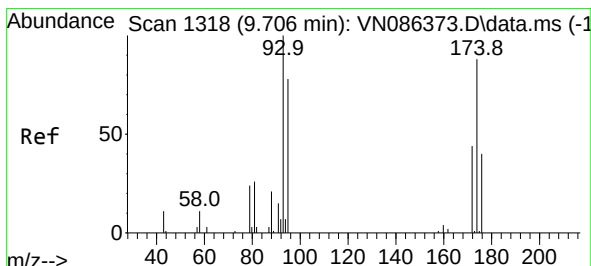
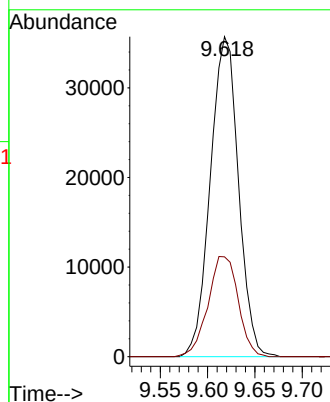
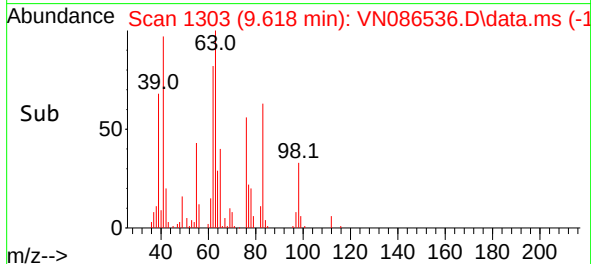
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 73829
Ion Ratio Lower Upper
63 100
65 31.2 26.7 40.1

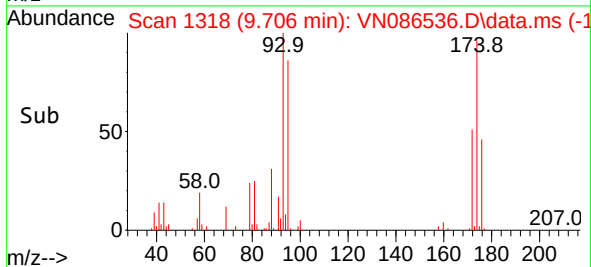
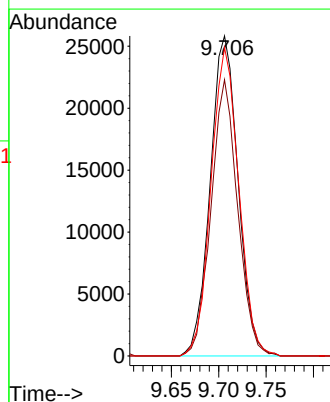
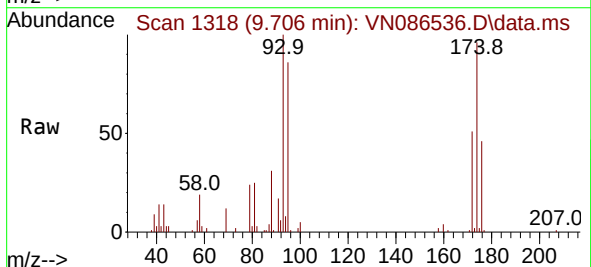
Manual Integrations
APPROVED

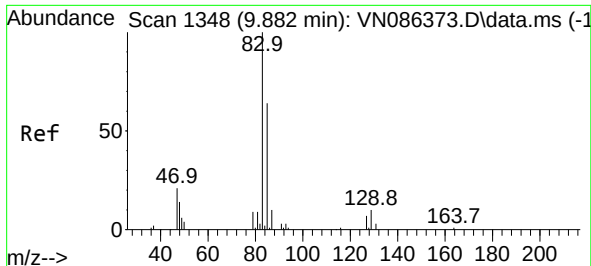
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#40
Dibromomethane
Concen: 21.226 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Tgt Ion: 93 Resp: 52982
Ion Ratio Lower Upper
93 100
95 82.7 0.0 159.2
174 95.7 0.0 171.4





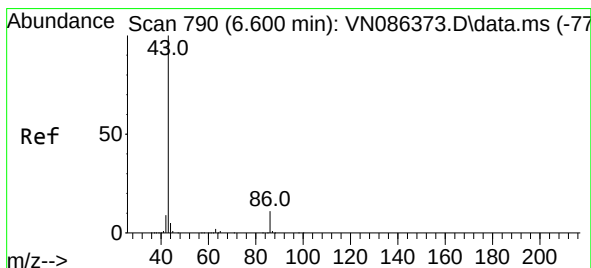
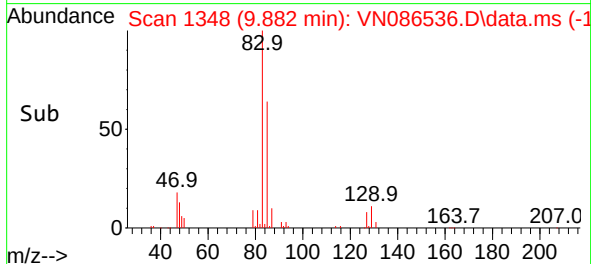
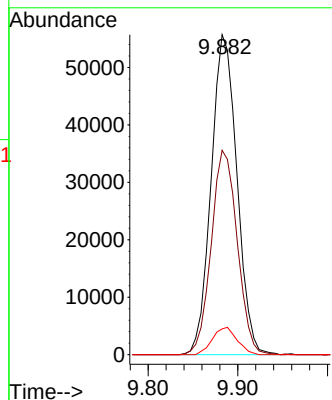
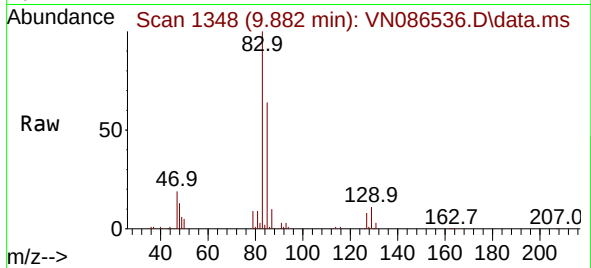
#41
Bromodichloromethane
Concen: 21.059 ug/l
RT: 9.882 min Scan# 11123
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 11123
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.1 5.9 8.9

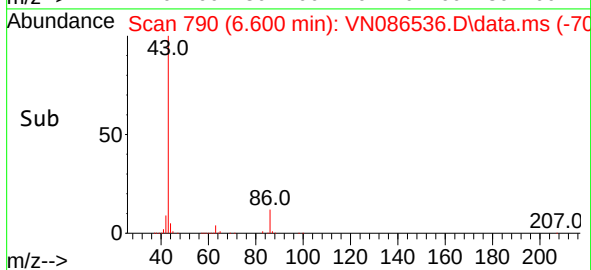
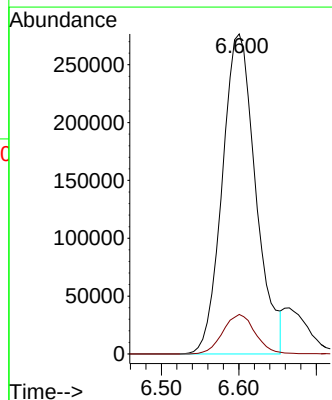
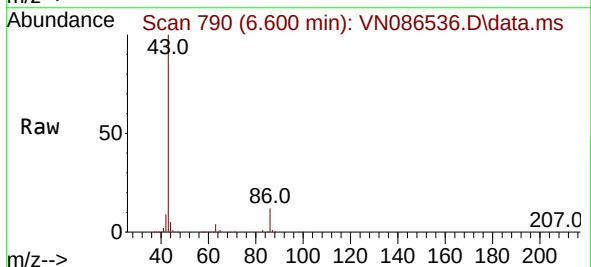
Manual Integrations
APPROVED

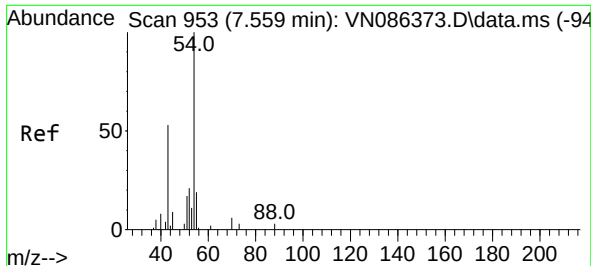
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#42
Vinyl Acetate
Concen: 104.003 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

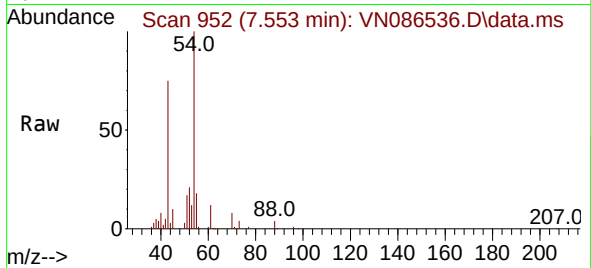
Tgt Ion: 43 Resp: 830650
Ion Ratio Lower Upper
43 100
86 12.0 8.9 13.3





#43
Ethyl Acetate
Concen: 19.992 ug/l
RT: 7.553 min Scan# 91218
Delta R.T. -0.006 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

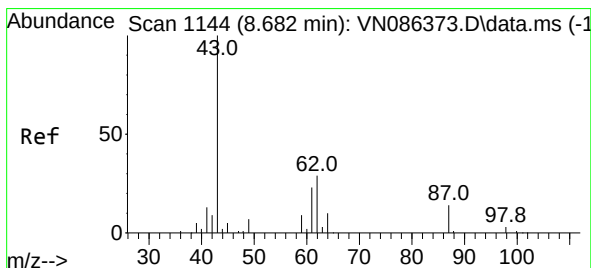
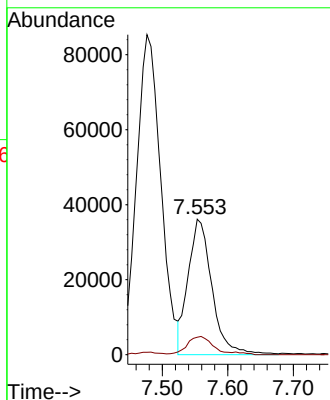
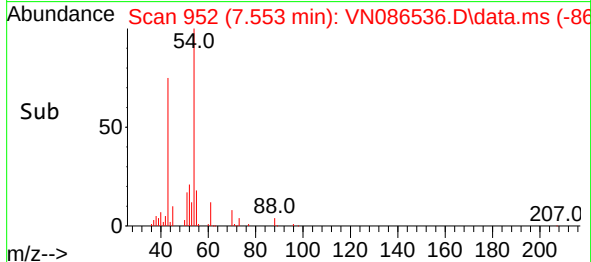
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 91218
Ion Ratio Lower Upper
43 100
45 14.4 11.4 17.2

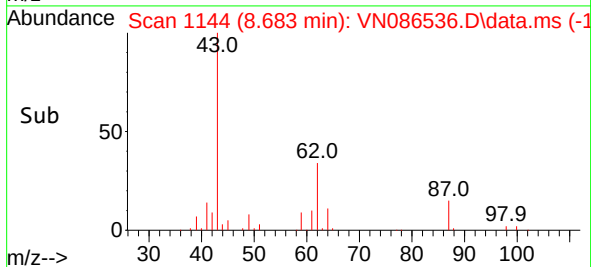
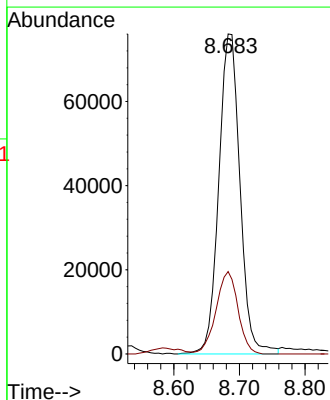
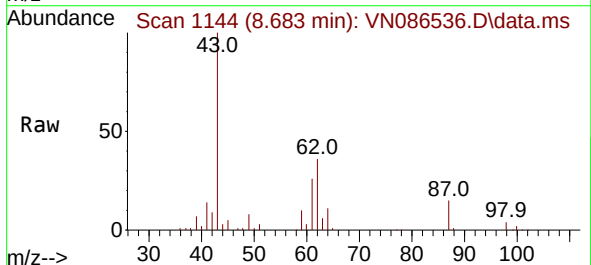
Manual Integrations
APPROVED

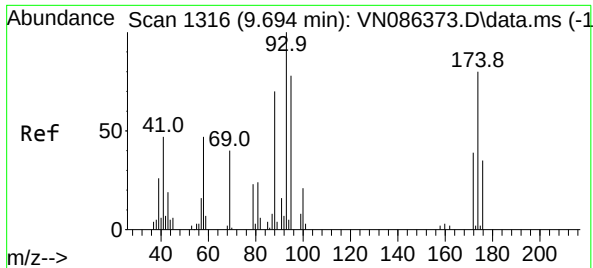
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#44
Isopropyl Acetate
Concen: 19.705 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

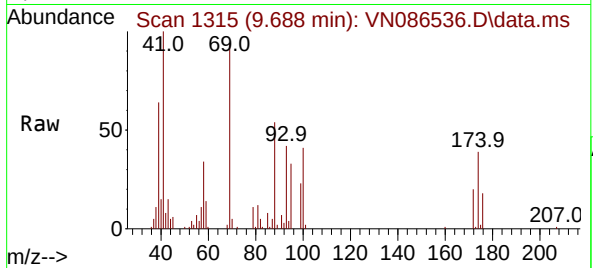
Tgt Ion: 43 Resp: 170639
Ion Ratio Lower Upper
43 100
61 26.6 21.0 31.4





#45
1,4-Dioxane
Concen: 416.606 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

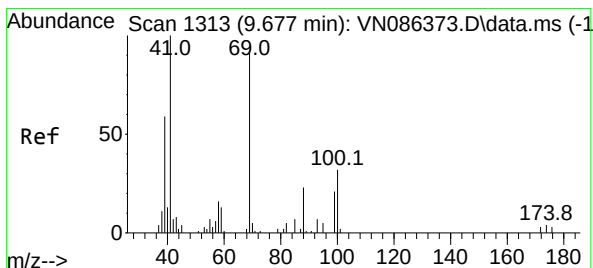
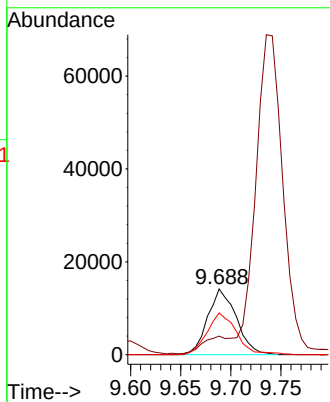
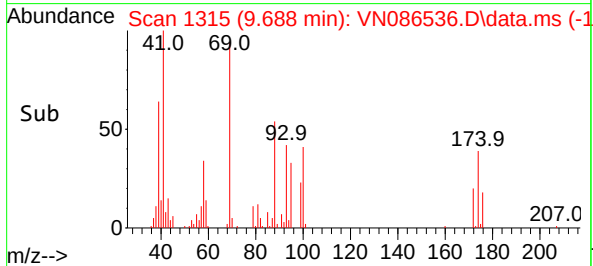
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



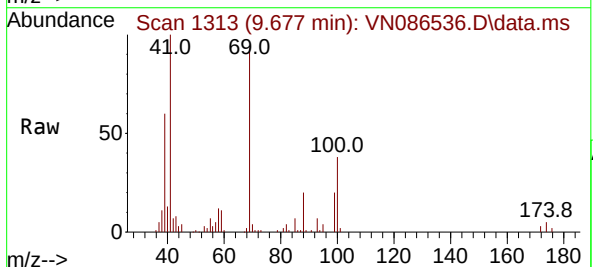
Tgt Ion: 88 Resp: 2814
Ion Ratio Lower Upper
88 100
43 25.5 24.9 37.3
58 63.5 57.8 86.8

Manual Integrations
APPROVED

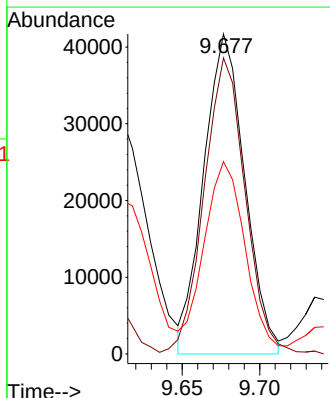
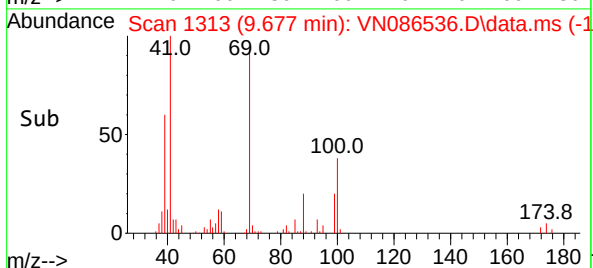
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

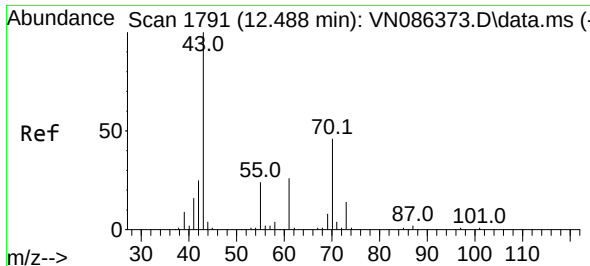


#46
Methyl methacrylate
Concen: 19.241 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53



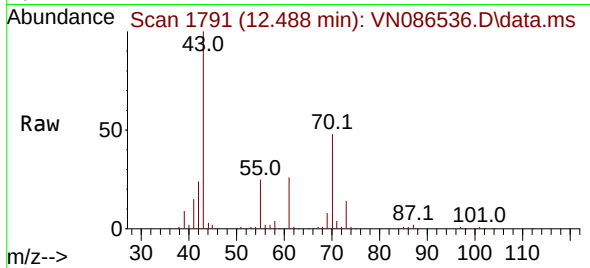
Tgt Ion: 41 Resp: 76859
Ion Ratio Lower Upper
41 100
69 93.1 44.1 132.3
39 59.9 30.0 90.1





#47
n-amyl acetate
Concen: 19.909 ug/l
RT: 12.488 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

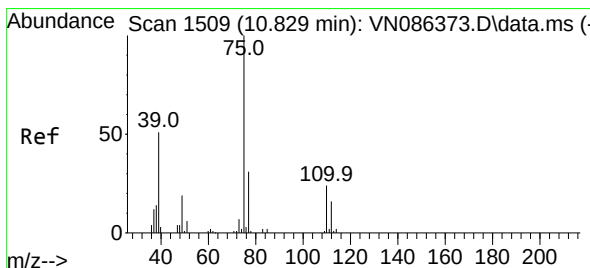
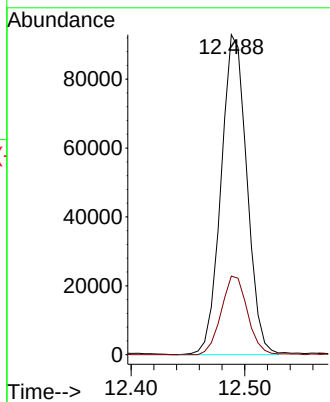
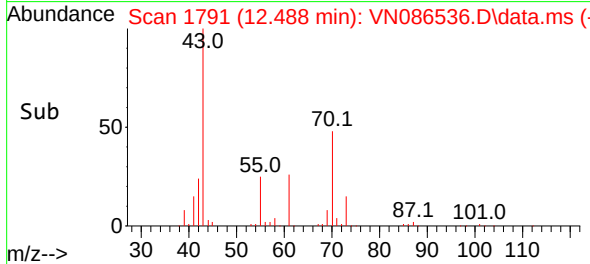
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 146940
Ion Ratio Lower Upper
43 100
55 25.0 19.4 29.0

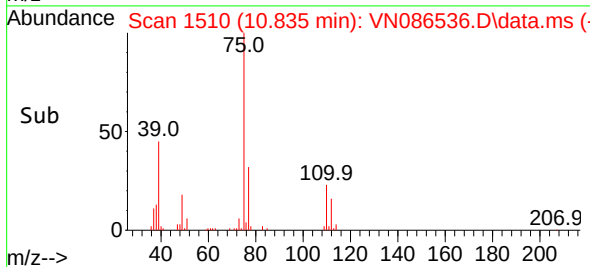
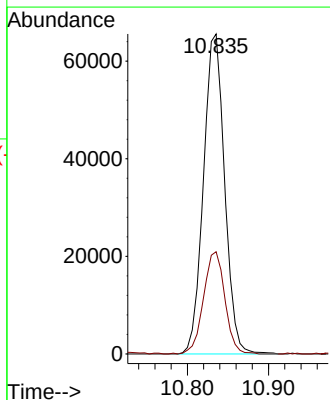
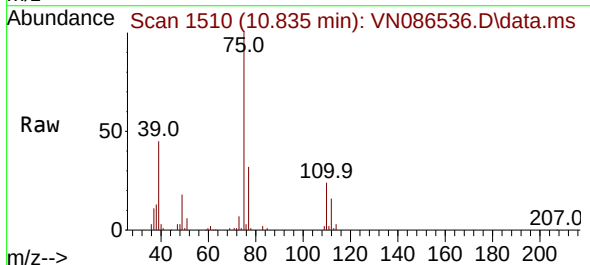
Manual Integrations
APPROVED

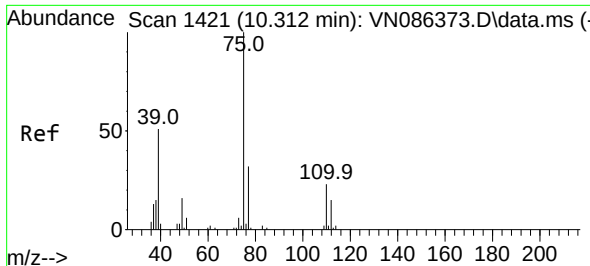
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#48
t-1,3-Dichloropropene
Concen: 20.113 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

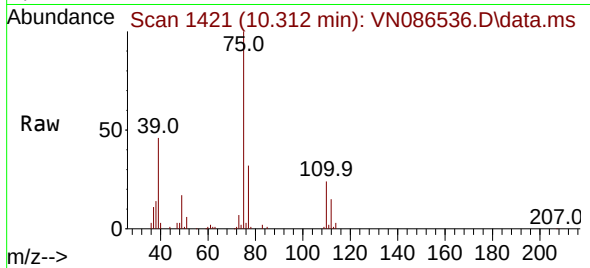
Tgt Ion: 75 Resp: 118776
Ion Ratio Lower Upper
75 100
77 32.0 24.4 36.6





#49
cis-1,3-Dichloropropene
Concen: 20.252 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

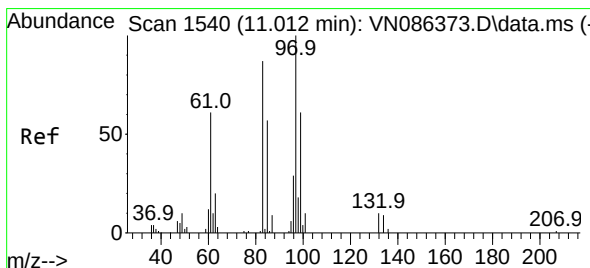
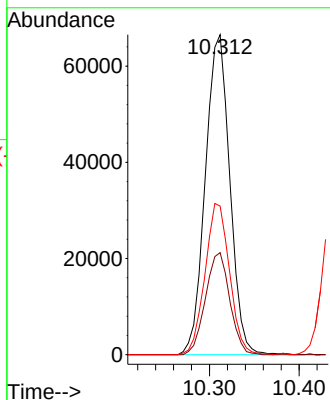
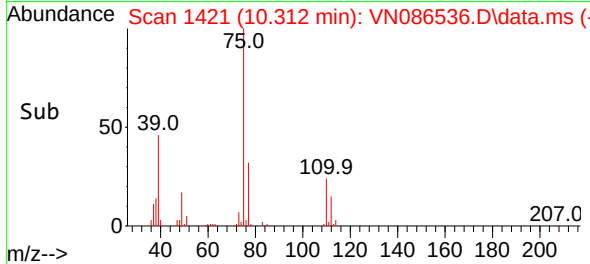
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



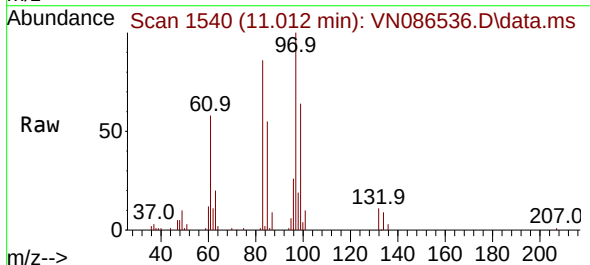
Tgt Ion: 75 Resp: 126120
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 46.2 40.6 60.8

Manual Integrations
APPROVED

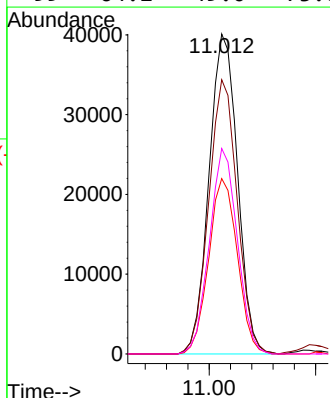
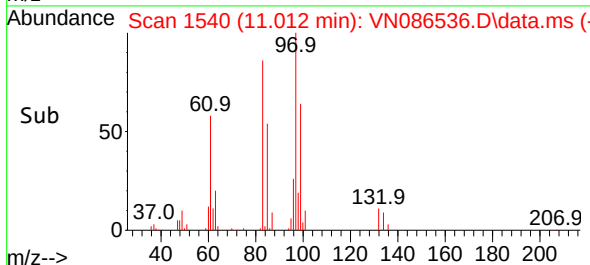
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

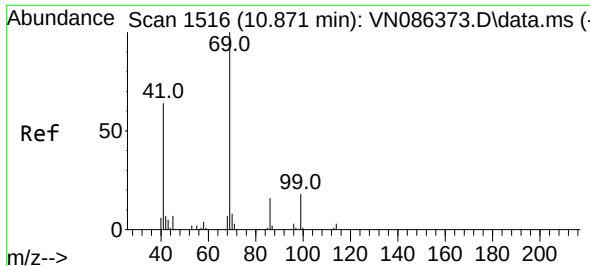


#50
1,1,2-Trichloroethane
Concen: 21.377 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53



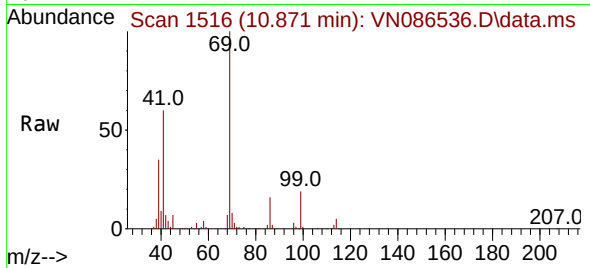
Tgt Ion: 97 Resp: 74532
Ion Ratio Lower Upper
97 100
83 85.7 69.3 103.9
85 54.8 45.5 68.3
99 64.2 49.0 73.6





#51
Ethyl methacrylate
Concen: 20.305 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

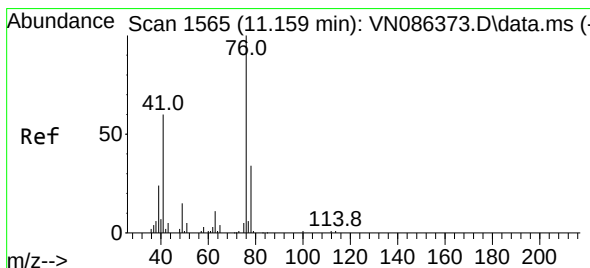
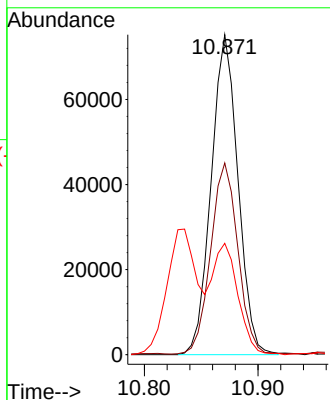
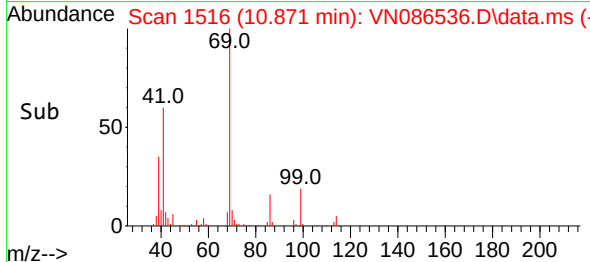
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 12329
Ion Ratio Lower Upper
69 100
41 59.6 32.3 96.8
39 34.4 19.1 57.1

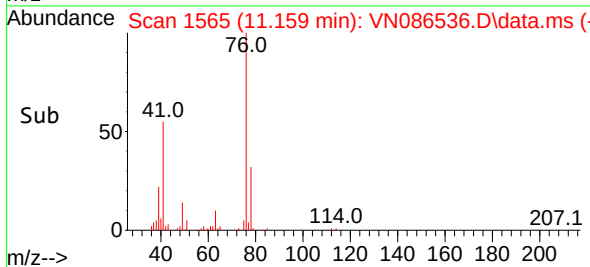
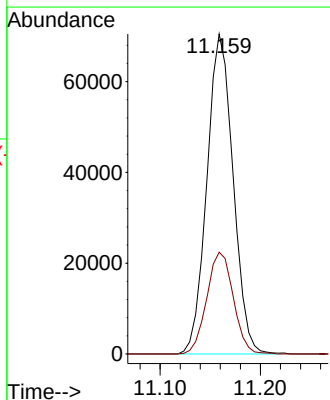
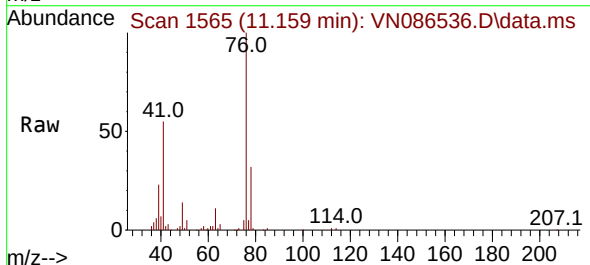
Manual Integrations
APPROVED

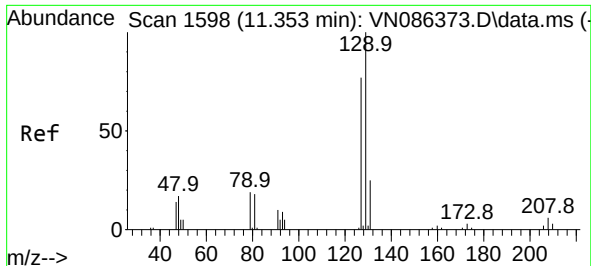
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#52
1,3-Dichloropropane
Concen: 20.774 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

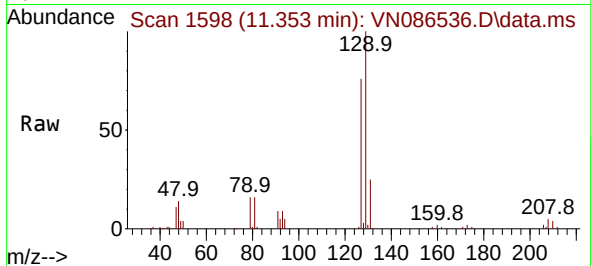
Tgt Ion: 76 Resp: 128009
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.6





#53
Dibromochloromethane
Concen: 21.954 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

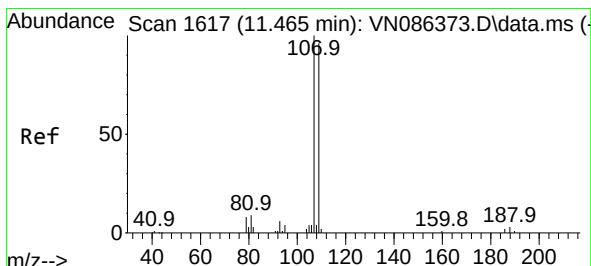
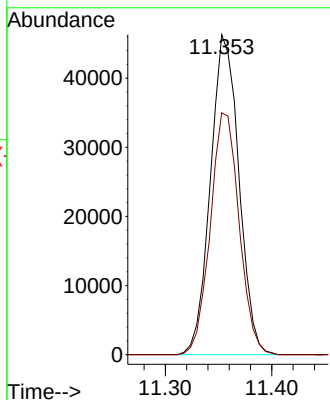
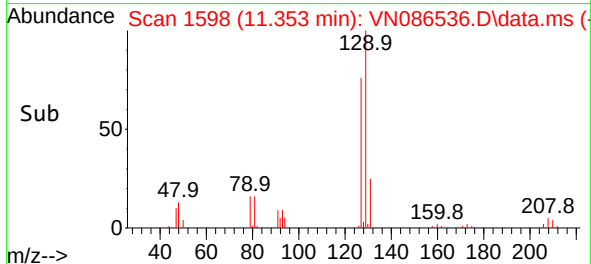
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



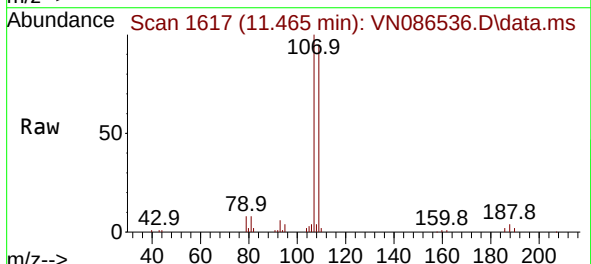
Tgt Ion:129 Resp: 8594
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.3

Manual Integrations
APPROVED

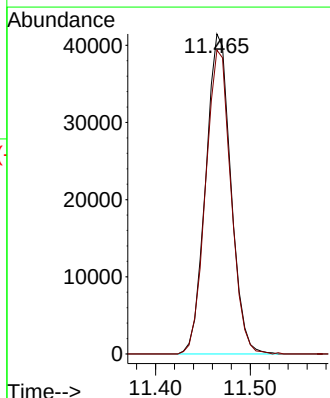
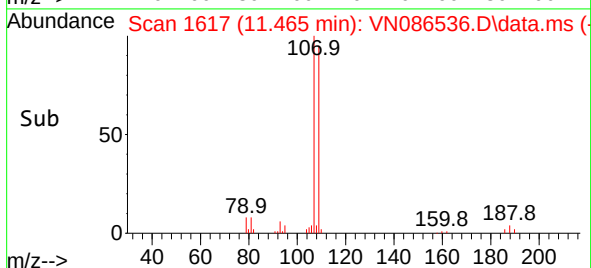
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

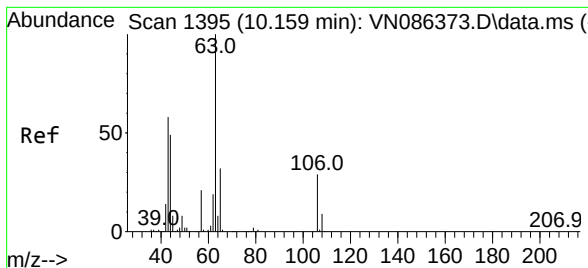


#54
1,2-Dibromoethane
Concen: 21.491 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53



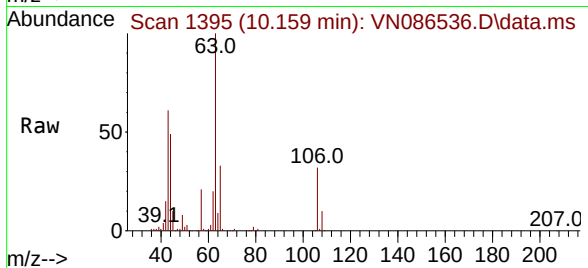
Tgt Ion:107 Resp: 76184
Ion Ratio Lower Upper
107 100
109 95.5 75.4 113.0





#55
2-Chloroethyl vinyl ether
Concen: 90.396 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

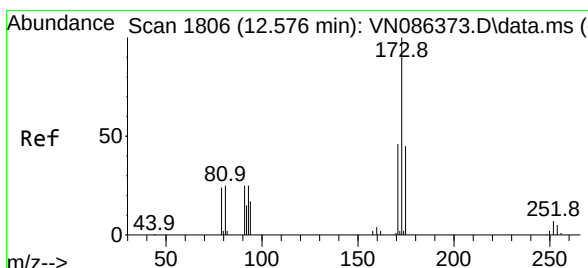
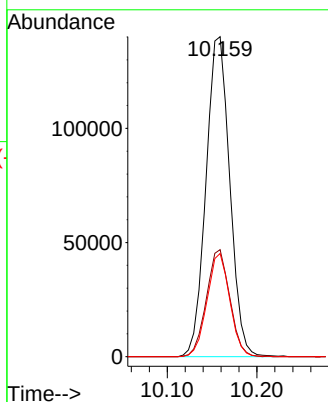
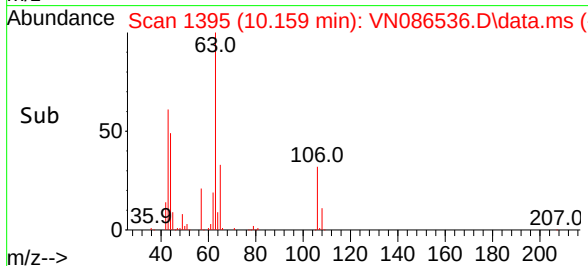
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 258060
Ion Ratio Lower Upper
63 100
65 32.8 25.7 38.5
106 30.8 22.3 33.5

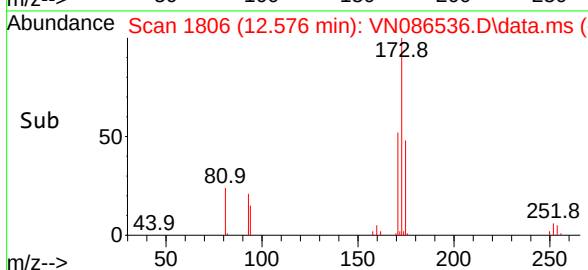
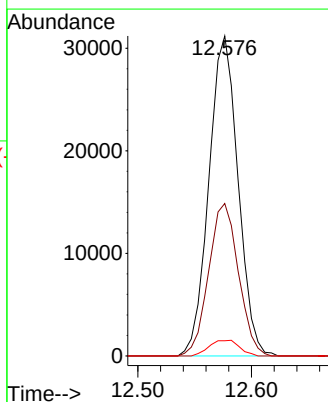
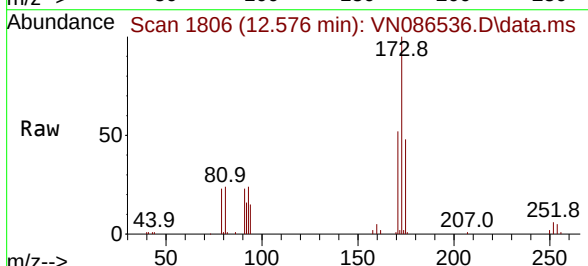
Manual Integrations
APPROVED

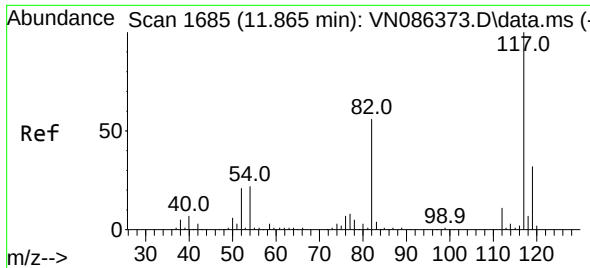
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#56
Bromoform
Concen: 21.901 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Tgt Ion:173 Resp: 55639
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.6
254 5.1 3.8 5.6





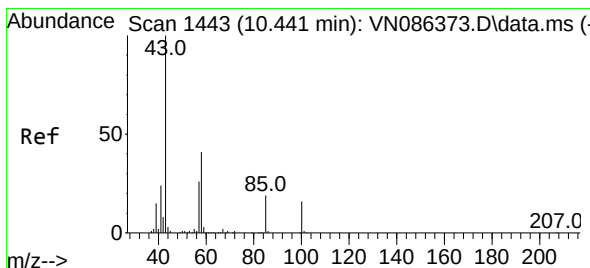
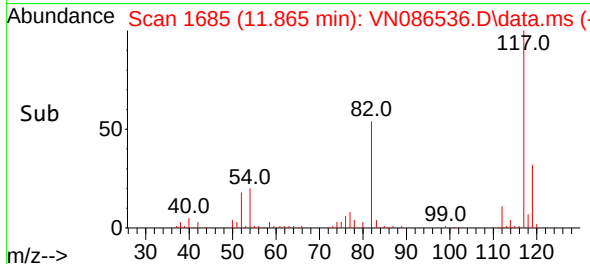
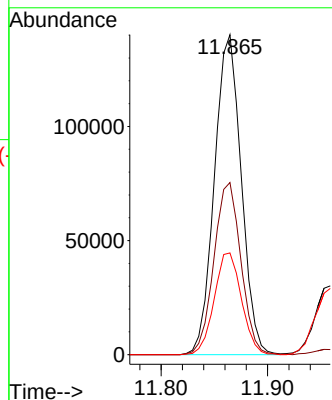
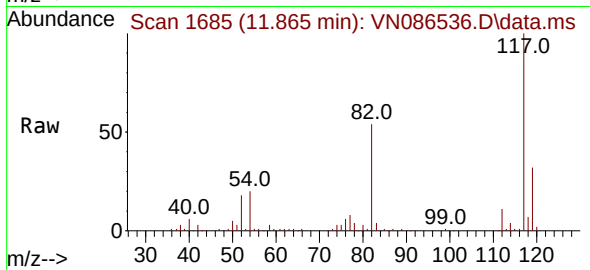
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 24528
Ion Ratio Lower Upper
117 100
82 54.2 45.5 68.3
119 32.3 25.9 38.9

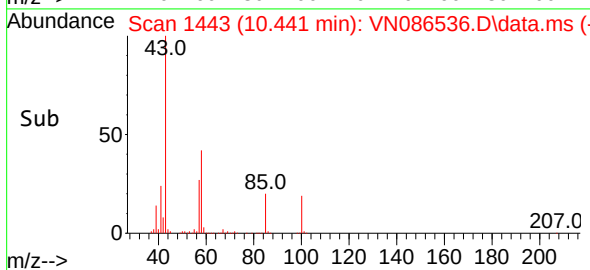
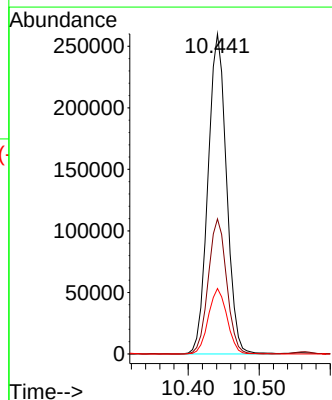
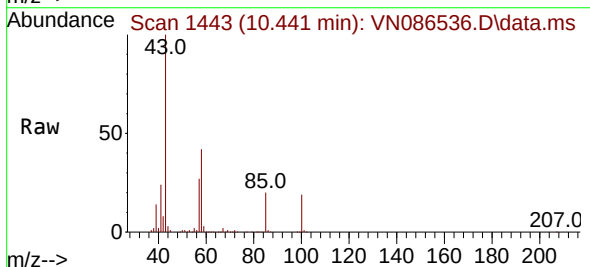
Manual Integrations
APPROVED

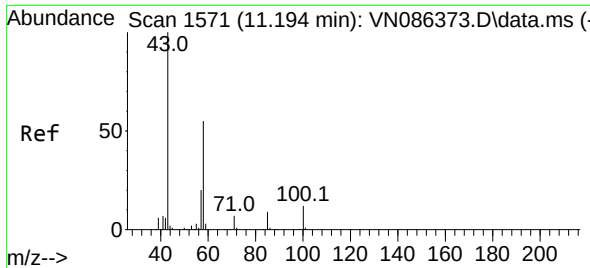
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#58
4-Methyl-2-Pentanone
Concen: 99.308 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

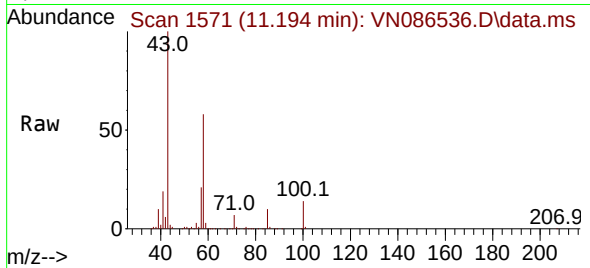
Tgt Ion: 43 Resp: 471371
Ion Ratio Lower Upper
43 100
58 41.9 33.0 49.6
85 20.6 14.9 22.3





#59
2-Hexanone
Concen: 97.978 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

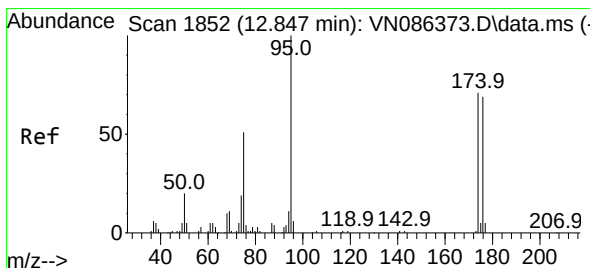
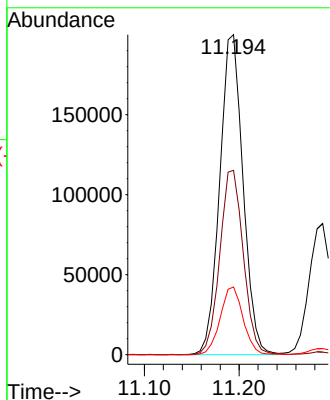
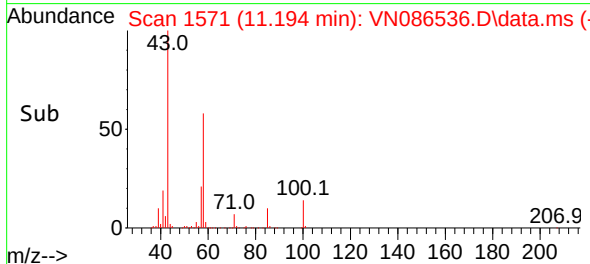
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



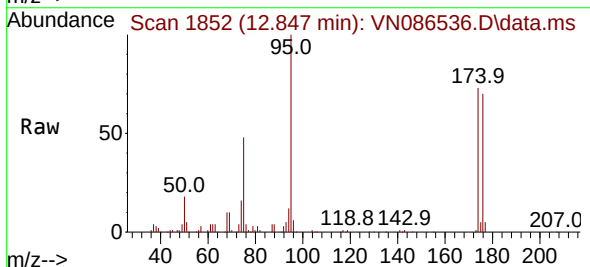
Tgt Ion: 43 Resp: 34271
Ion Ratio Lower Upper
43 100
58 58.0 45.0 67.6
57 20.8 15.5 23.3

Manual Integrations
APPROVED

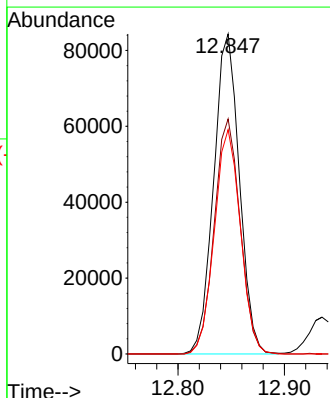
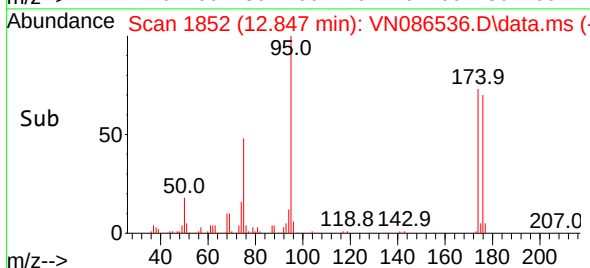
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

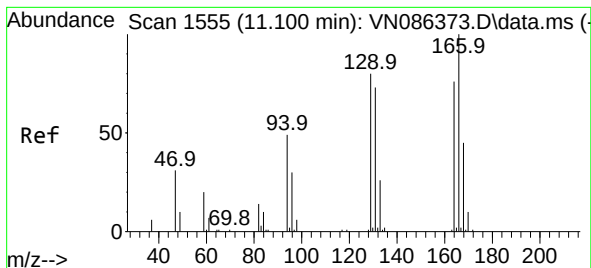


#60
4-Bromofluorobenzene
Concen: 29.295 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53



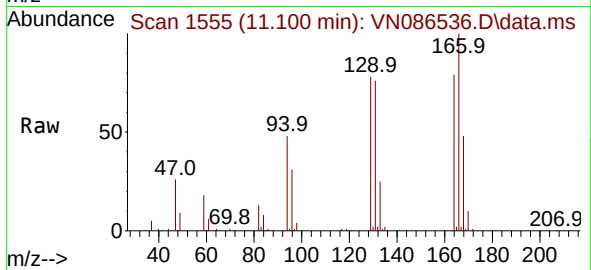
Tgt Ion: 95 Resp: 141224
Ion Ratio Lower Upper
95 100
174 74.0 56.6 84.8
176 71.0 53.3 79.9





#61
Tetrachloroethene
Concen: 21.579 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

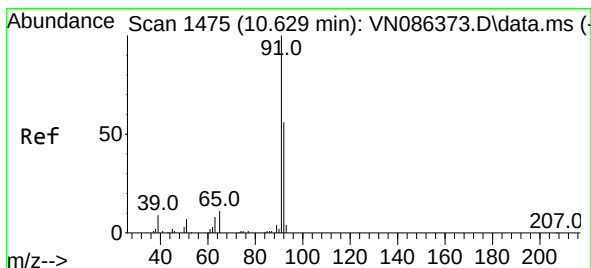
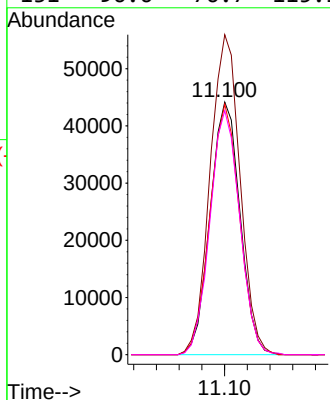
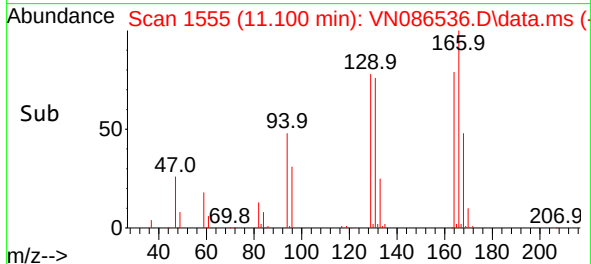
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



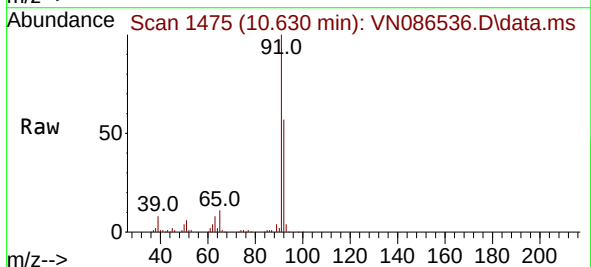
Tgt Ion:164 Resp: 80729
Ion Ratio Lower Upper
164 100
166 126.7 105.0 157.4
129 99.1 83.9 125.9
131 96.6 76.7 115.1

Manual Integrations
APPROVED

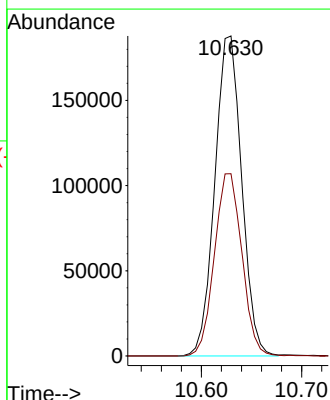
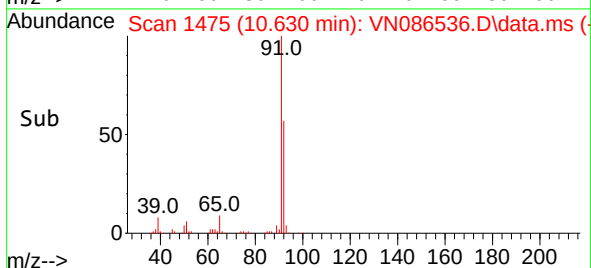
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

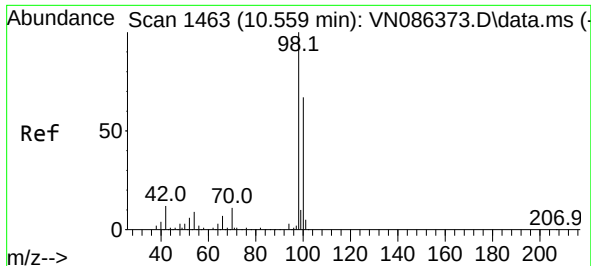


#62
Toluene
Concen: 21.315 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53



Tgt Ion: 91 Resp: 349956
Ion Ratio Lower Upper
91 100
92 58.2 45.7 68.5





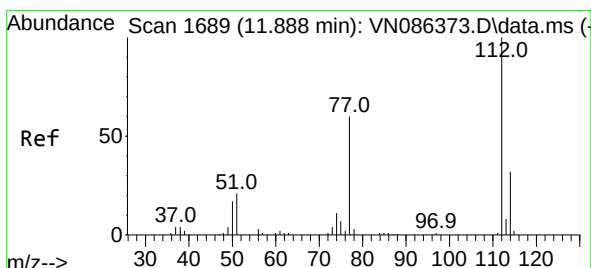
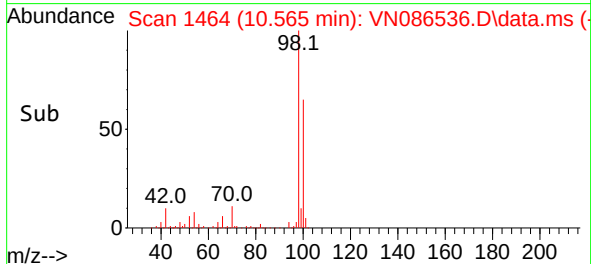
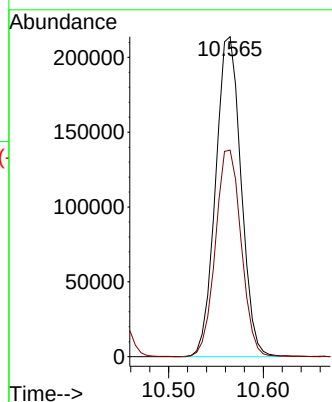
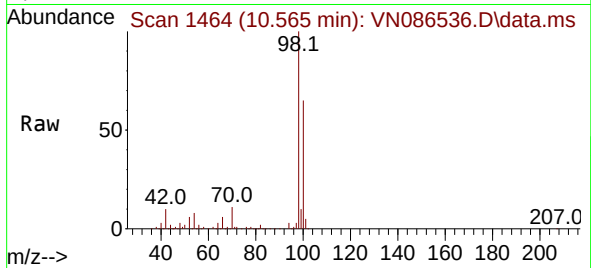
#63
Toluene-d8
Concen: 29.608 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 39952
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7

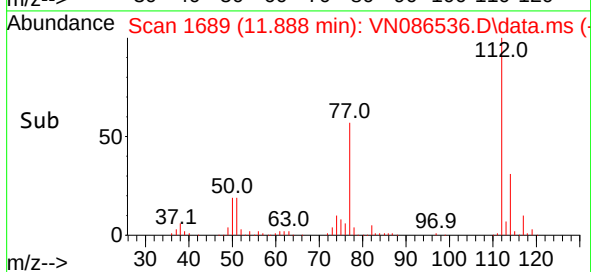
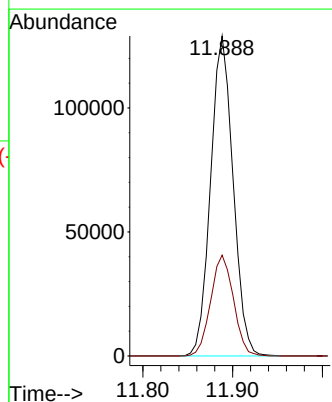
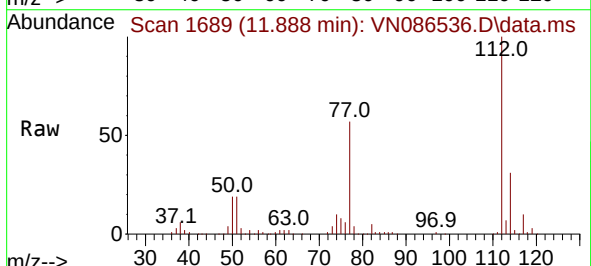
Manual Integrations
APPROVED

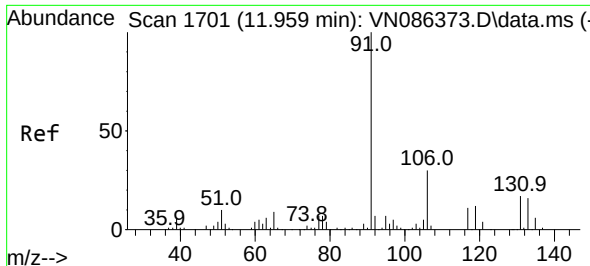
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#64
Chlorobenzene
Concen: 21.956 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

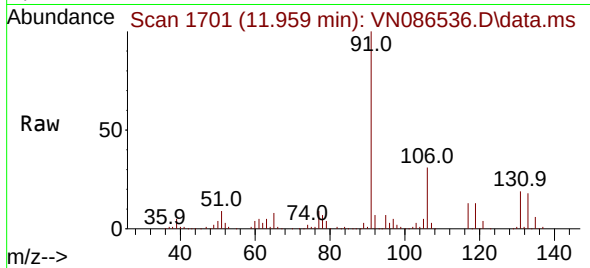
Tgt Ion:112 Resp: 224612
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 22.438 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

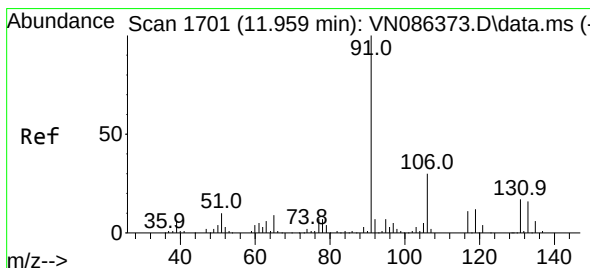
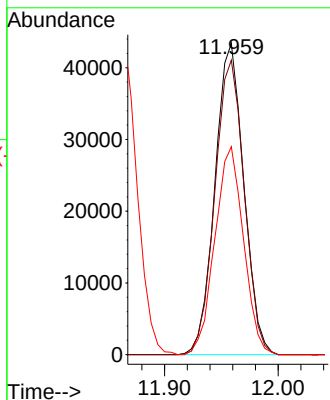
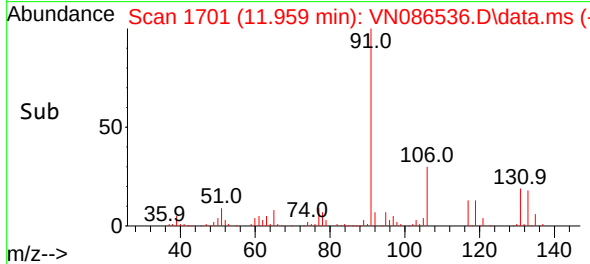
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 76752
Ion Ratio Lower Upper
131 100
133 95.8 0.0 191.4
119 66.3 0.0 133.6

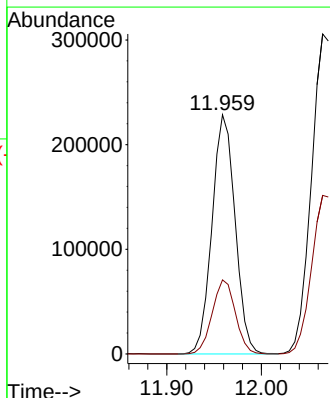
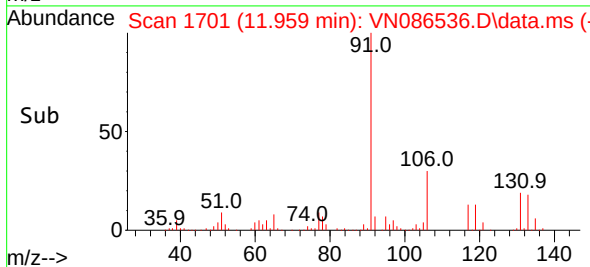
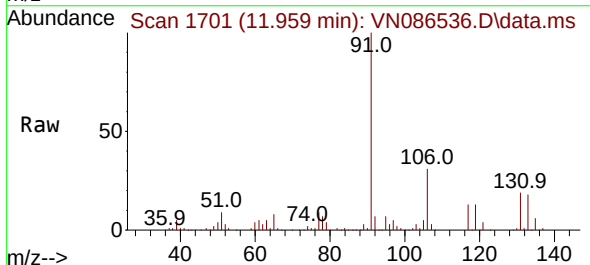
Manual Integrations
APPROVED

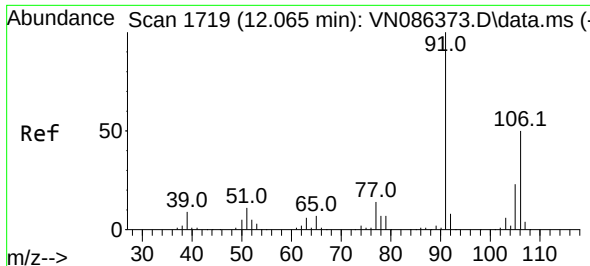
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#66
Ethyl Benzene
Concen: 20.957 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Tgt Ion: 91 Resp: 387294
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5





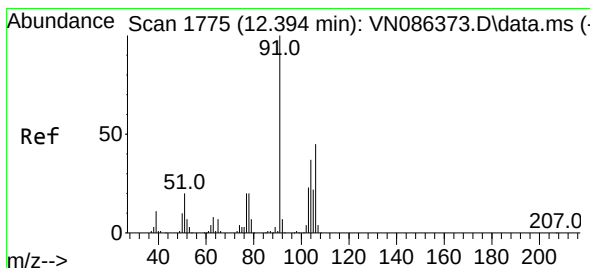
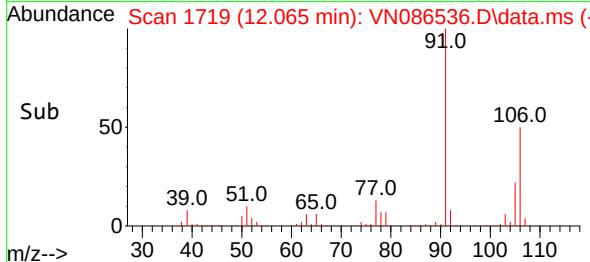
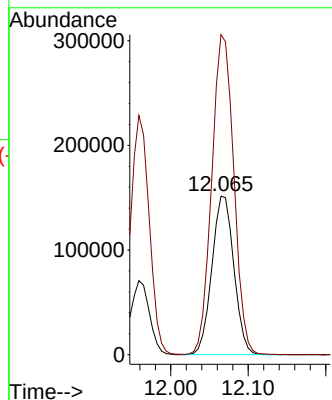
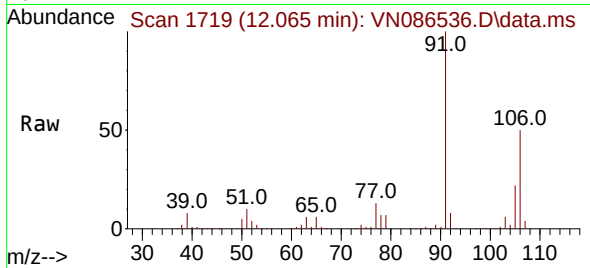
#67
m/p-Xylenes
Concen: 42.590 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 29864
Ion Ratio Lower Upper
106 100
91 202.8 162.6 243.8

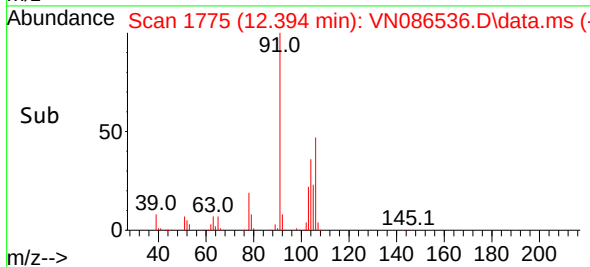
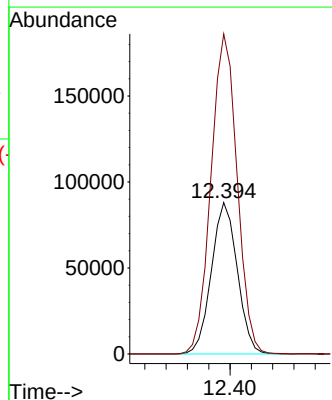
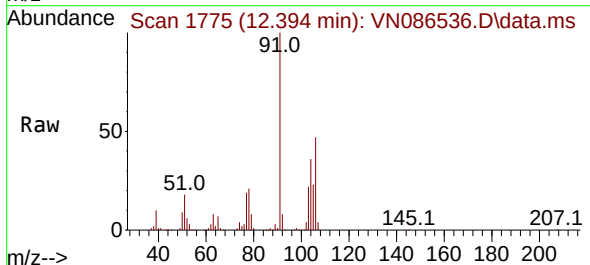
Manual Integrations
APPROVED

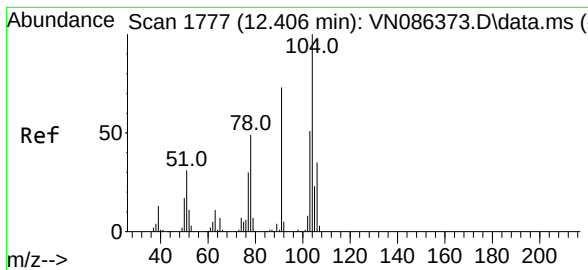
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#68
o-Xylene
Concen: 21.609 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Tgt Ion:106 Resp: 148356
Ion Ratio Lower Upper
106 100
91 213.2 110.6 331.6





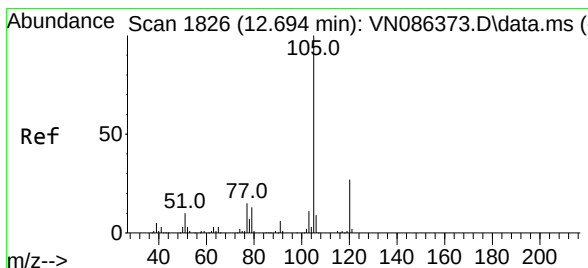
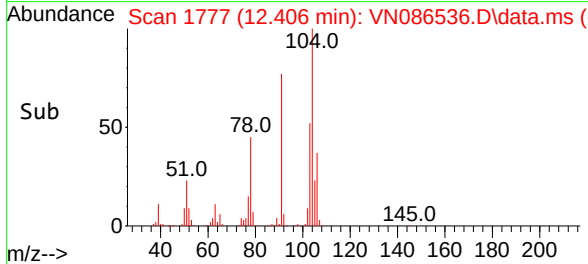
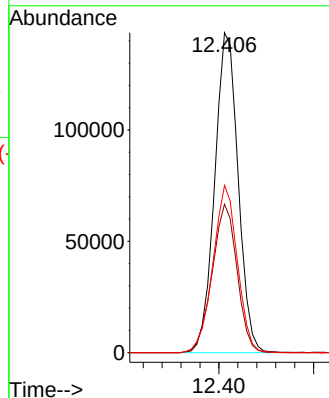
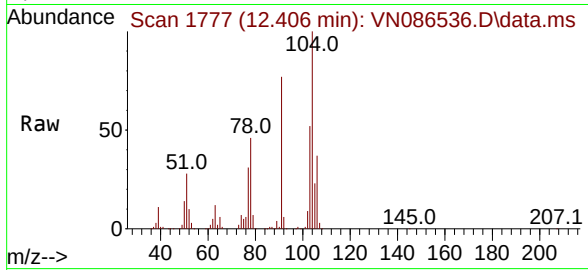
#69
Styrene
Concen: 21.253 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 24732
Ion Ratio Lower Upper
104 100
78 49.1 40.2 60.4
103 54.3 43.8 65.8

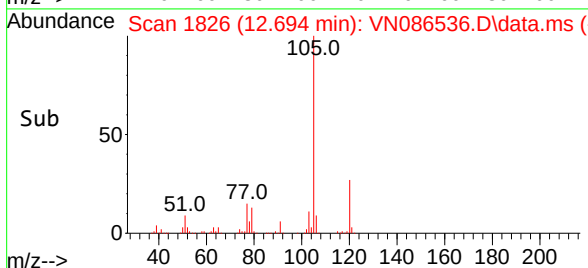
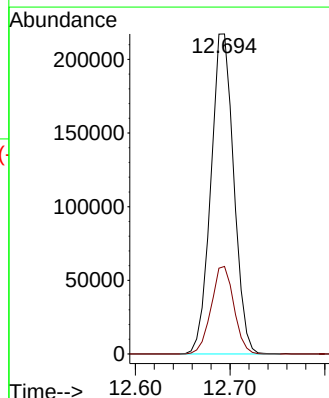
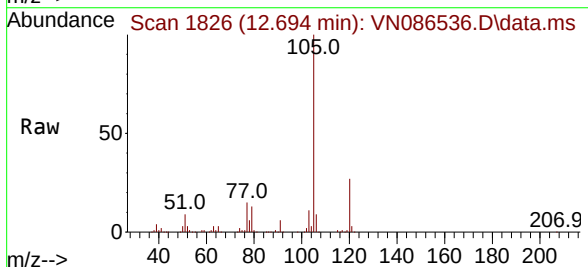
Manual Integrations
APPROVED

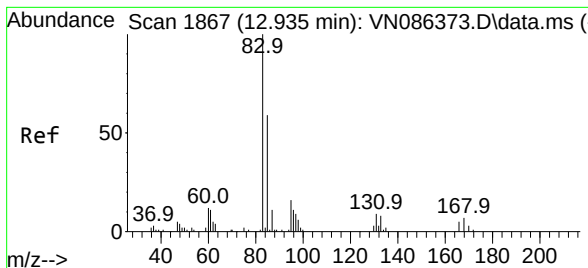
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#70
Isopropylbenzene
Concen: 21.291 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Tgt Ion:105 Resp: 364883
Ion Ratio Lower Upper
105 100
120 27.1 18.2 33.8





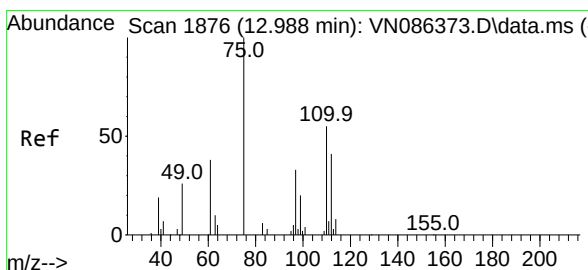
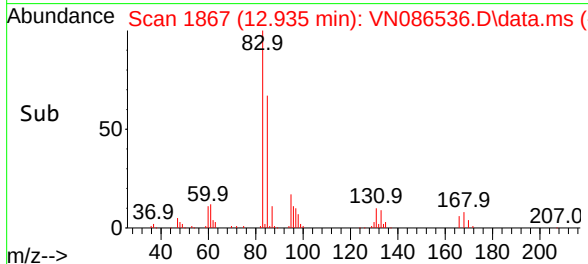
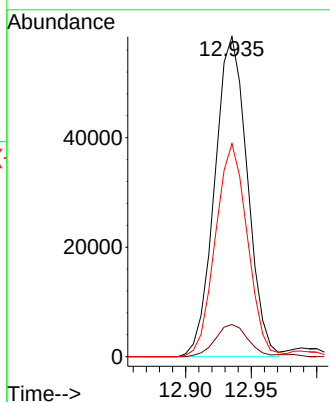
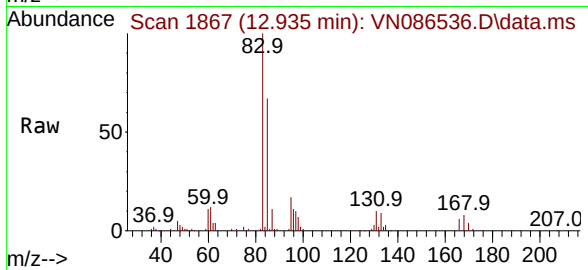
#71
1,1,2,2-Tetrachloroethane
Concen: 22.432 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 10122
Ion Ratio Lower Upper
83 100
131 10.0 4.5 13.7
85 65.2 31.7 95.1

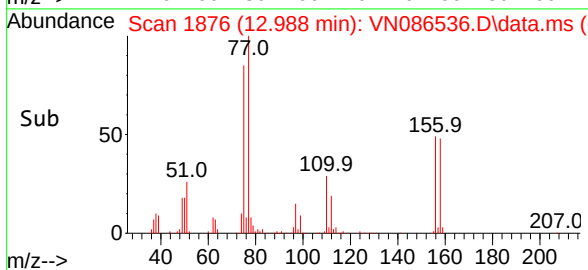
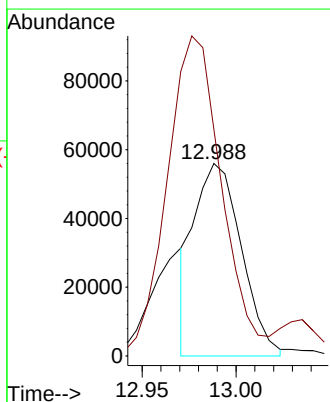
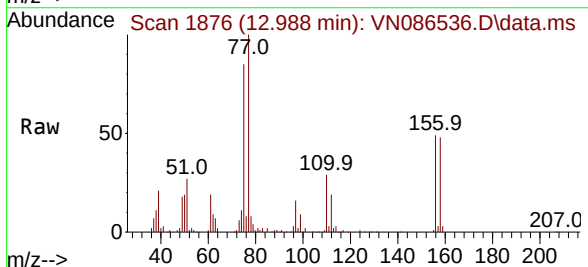
Manual Integrations
APPROVED

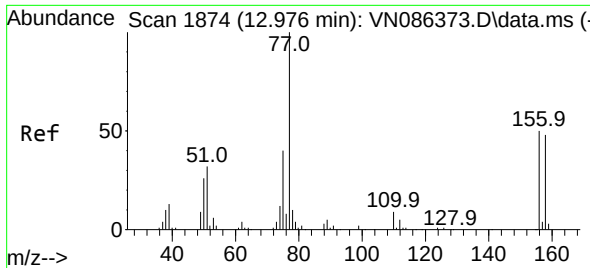
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#72
1,2,3-Trichloropropane
Concen: 24.754 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

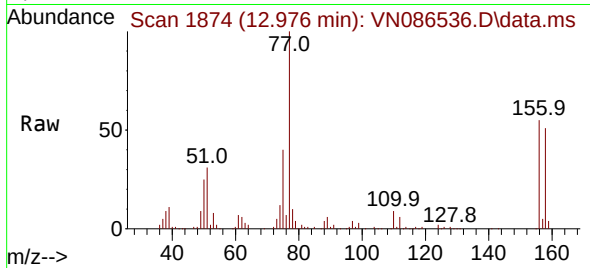
Tgt Ion: 75 Resp: 97390
Ion Ratio Lower Upper
75 100
77 193.5 0.0 464.4





#73
Bromobenzene
Concen: 22.747 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

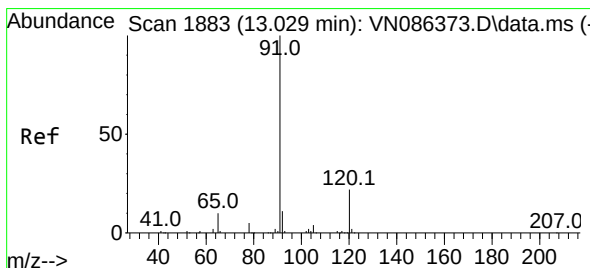
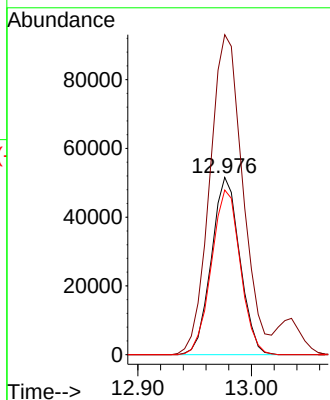
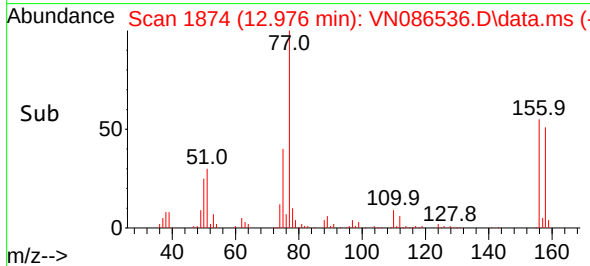
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



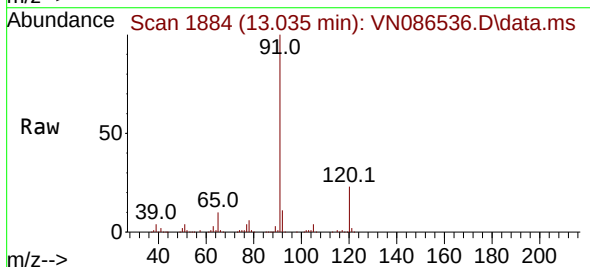
Tgt Ion:156 Resp: 89629
Ion Ratio Lower Upper
156 100
77 210.3 0.0 463.4
158 94.4 0.0 191.8

Manual Integrations
APPROVED

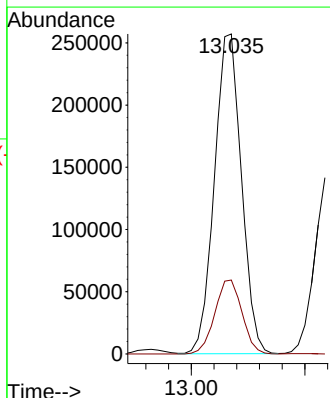
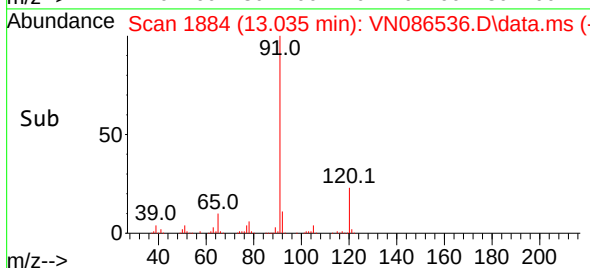
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

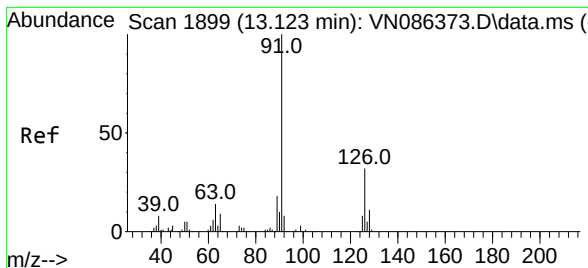


#74
n-propylbenzene
Concen: 20.846 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53



Tgt Ion: 91 Resp: 424532
Ion Ratio Lower Upper
91 100
120 23.2 0.0 43.8





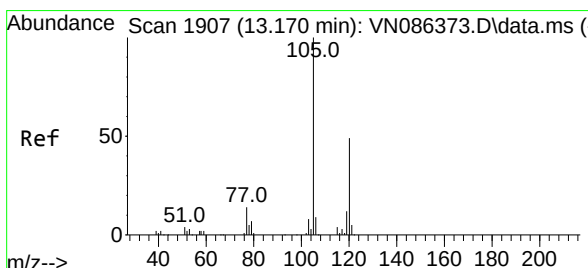
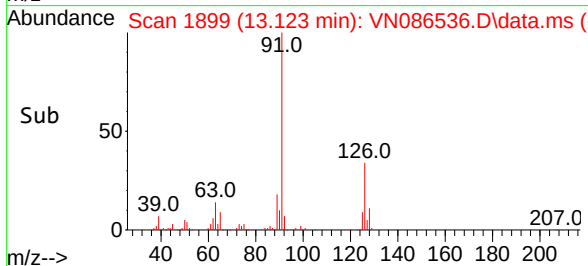
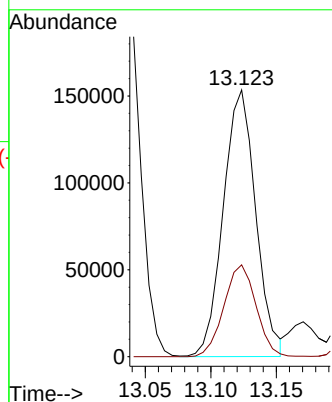
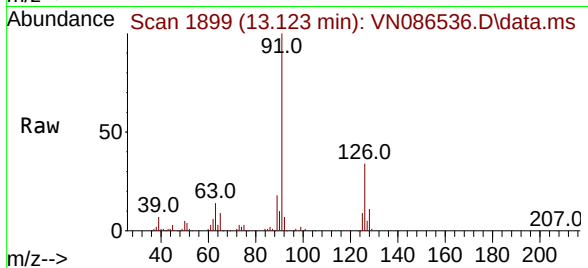
#75
2-Chlorotoluene
Concen: 20.805 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 264494
Ion Ratio Lower Upper
91 100
126 34.0 0.0 65.0

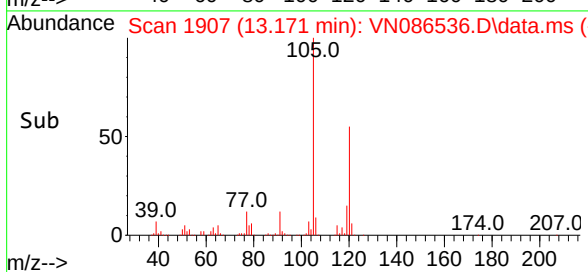
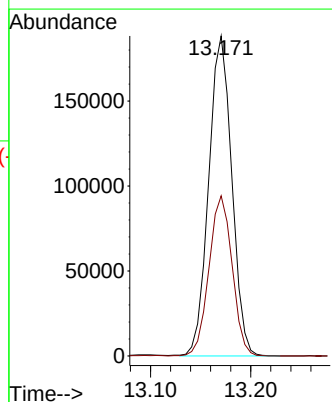
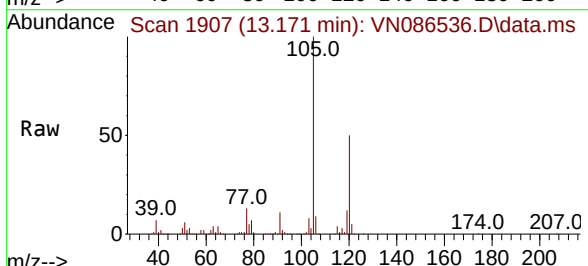
Manual Integrations
APPROVED

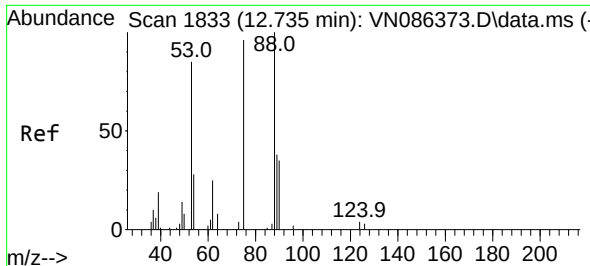
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#76
1,3,5-Trimethylbenzene
Concen: 21.459 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Tgt Ion:105 Resp: 301767
Ion Ratio Lower Upper
105 100
120 50.1 0.0 97.6





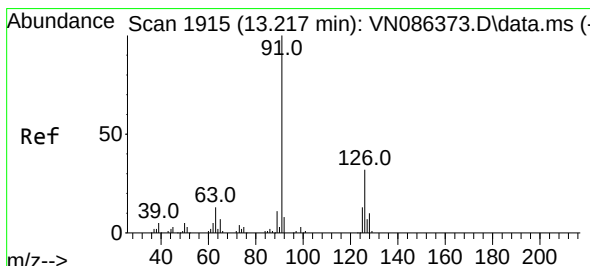
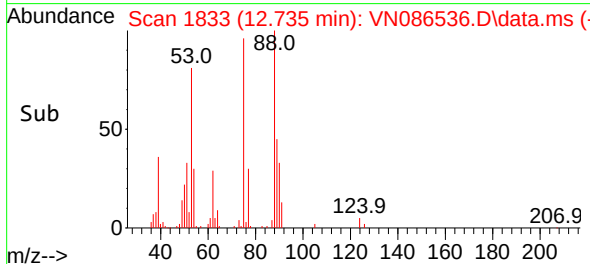
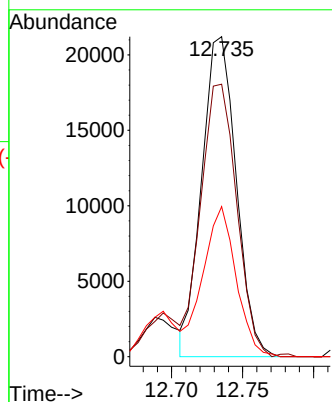
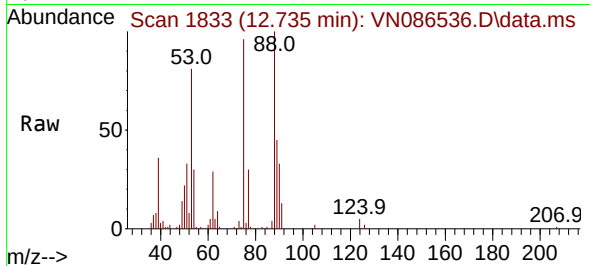
#77
t-1,4-Dichloro-2-butene
Concen: 17.935 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 35809
Ion Ratio Lower Upper
75 100
53 84.4 46.0 138.0
89 46.9 21.6 64.6

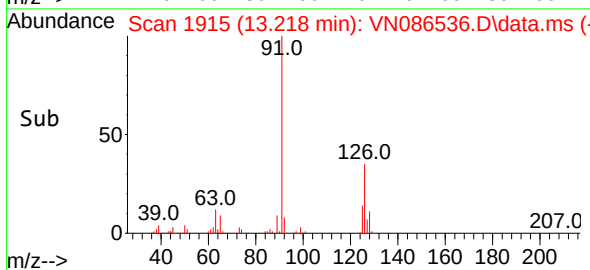
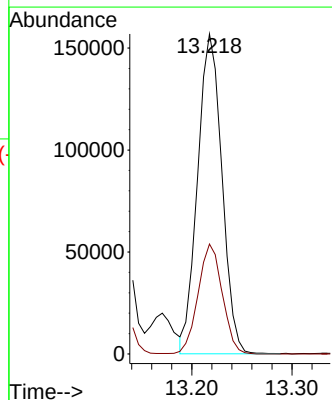
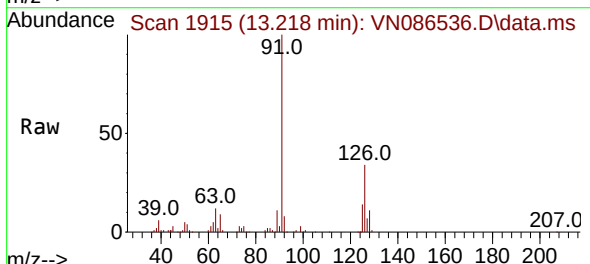
Manual Integrations
APPROVED

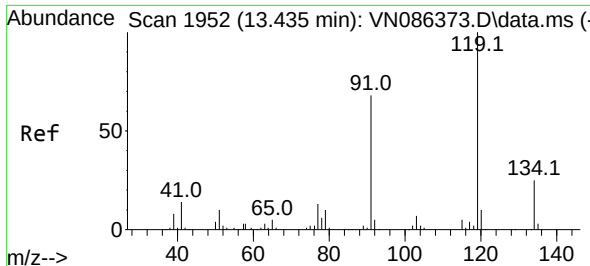
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#78
4-Chlorotoluene
Concen: 20.814 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

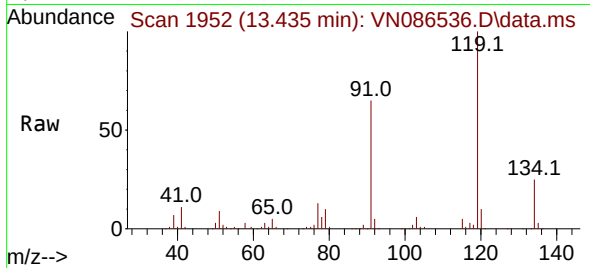
Tgt Ion: 91 Resp: 264581
Ion Ratio Lower Upper
91 100
126 34.2 0.0 65.4





#79
tert-butylbenzene
Concen: 21.994 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

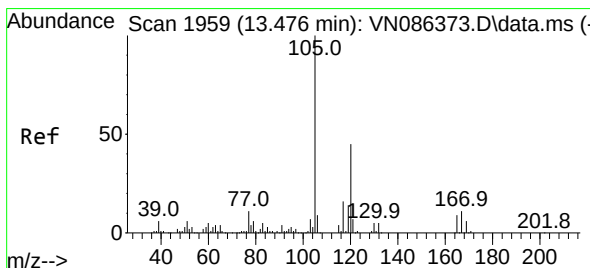
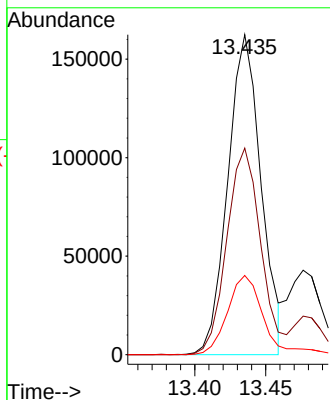
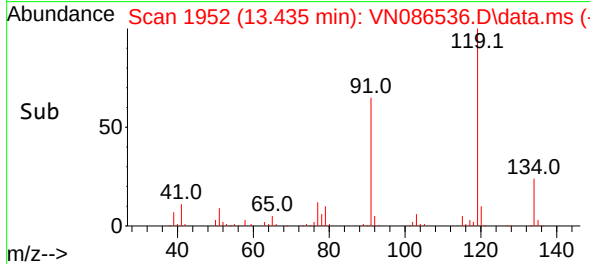
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



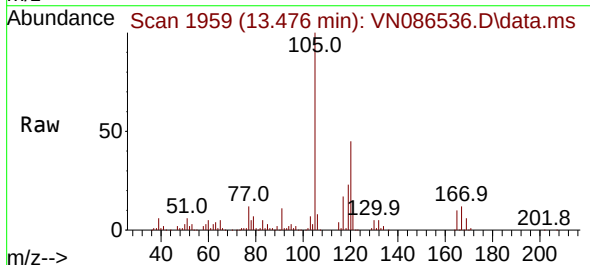
Tgt Ion:119 Resp: 26487
Ion Ratio Lower Upper
119 100
91 66.3 0.0 137.4
134 25.3 0.0 49.2

Manual Integrations
APPROVED

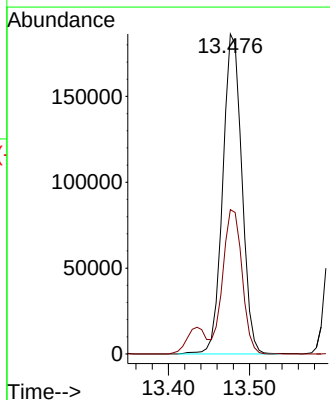
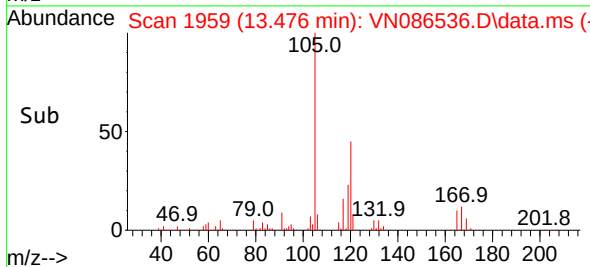
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

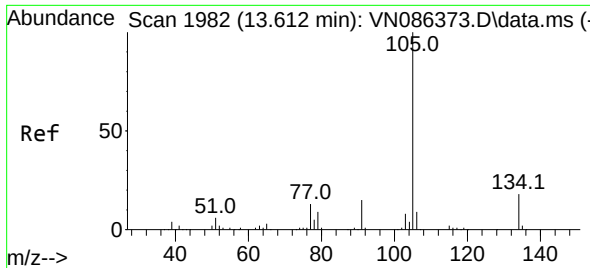


#80
1,2,4-Trimethylbenzene
Concen: 21.219 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53



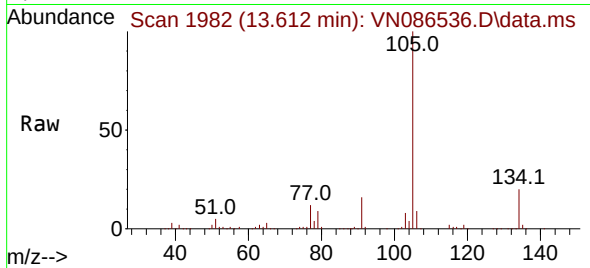
Tgt Ion:105 Resp: 304730
Ion Ratio Lower Upper
105 100
120 45.2 0.0 87.6





#81
 sec-Butylbenzene
 Concen: 21.710 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086536.D
 Acq: 07 May 2025 15:53

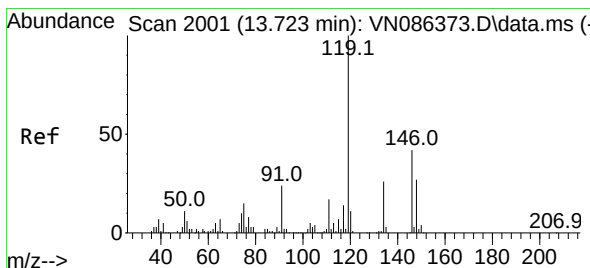
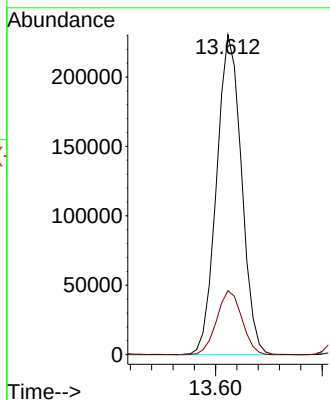
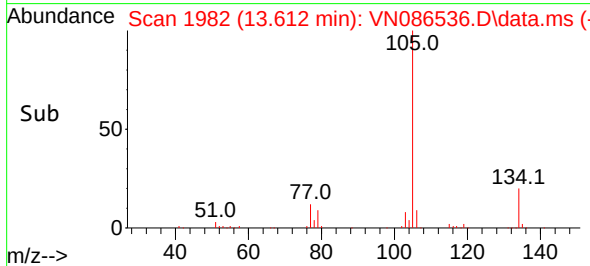
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



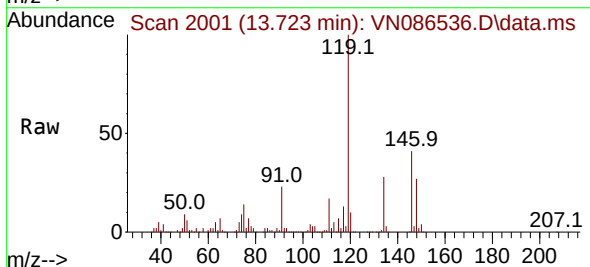
Tgt Ion:105 Resp: 373228
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 38.4

Manual Integrations
 APPROVED

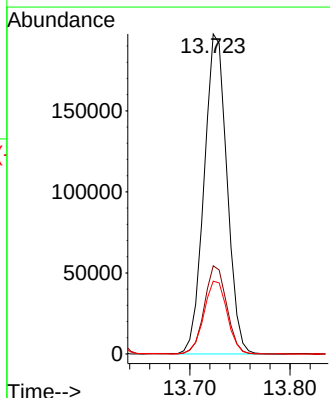
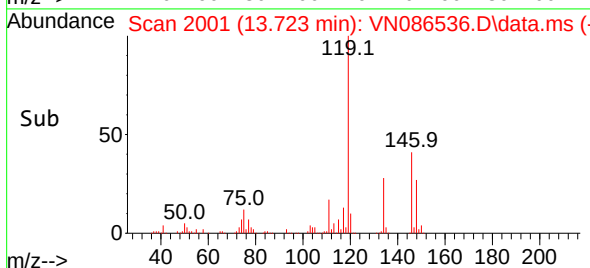
Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025

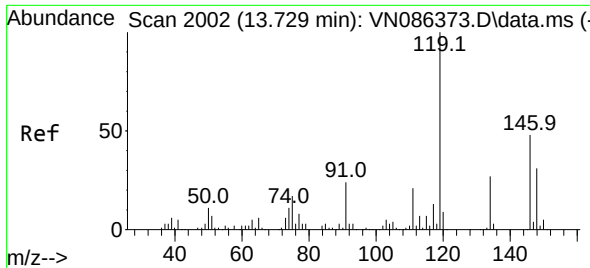


#82
 p-Isopropyltoluene
 Concen: 21.749 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086536.D
 Acq: 07 May 2025 15:53



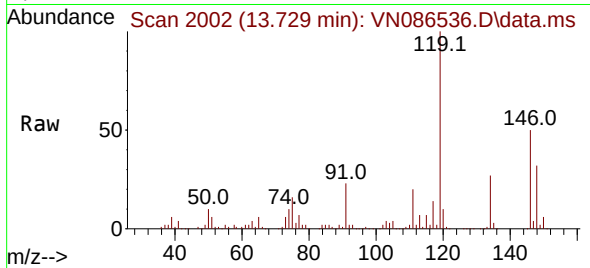
Tgt Ion:119 Resp: 312871
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 52.2
 91 23.3 0.0 47.6





#83
1,3-Dichlorobenzene
Concen: 21.758 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

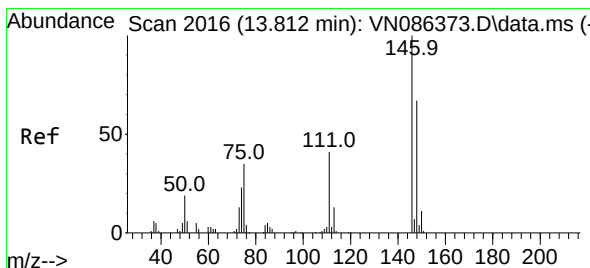
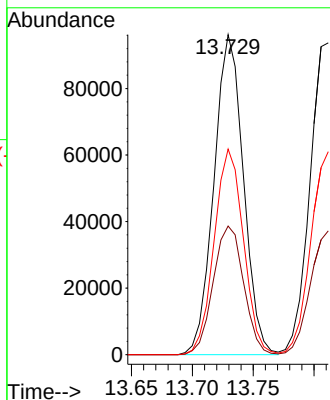
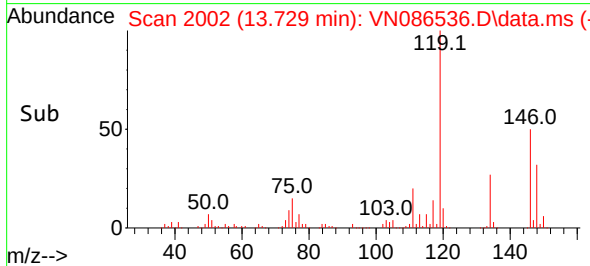
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



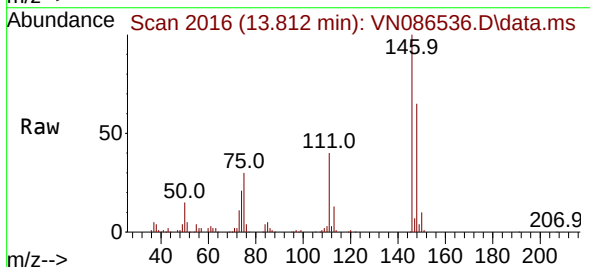
Tgt Ion:146 Resp: 162060
Ion Ratio Lower Upper
146 100
111 41.5 20.7 62.1
148 63.9 32.3 96.8

Manual Integrations
APPROVED

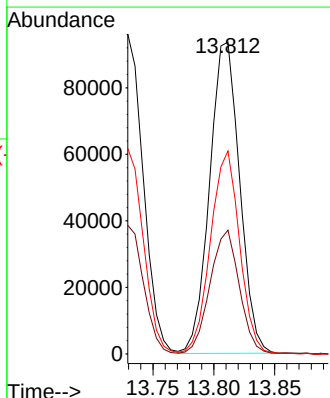
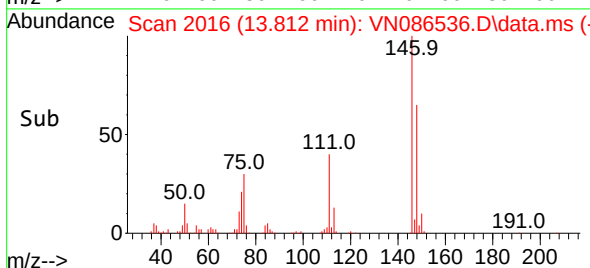
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

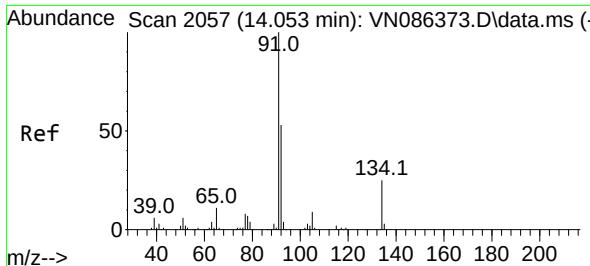


#84
1,4-Dichlorobenzene
Concen: 21.821 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53



Tgt Ion:146 Resp: 160581
Ion Ratio Lower Upper
146 100
111 39.0 20.3 60.8
148 63.3 32.4 97.2





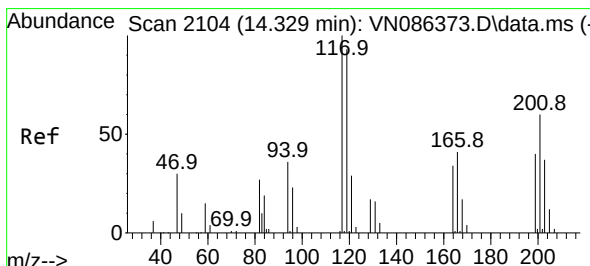
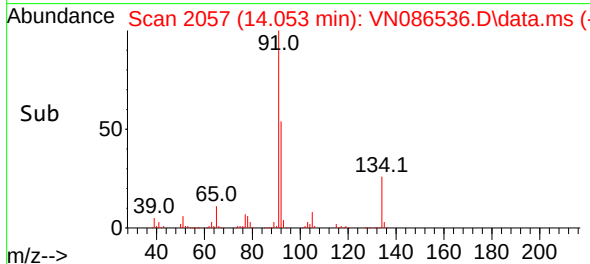
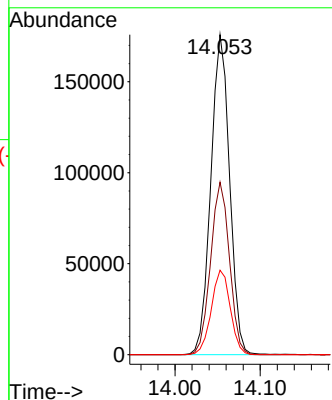
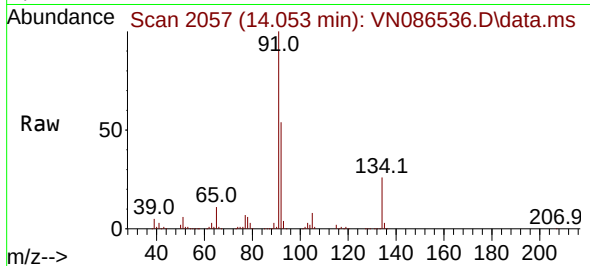
#85
n-Butylbenzene
Concen: 20.965 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 269099
Ion Ratio Lower Upper
91 100
92 54.1 0.0 107.2
134 26.7 0.0 48.2

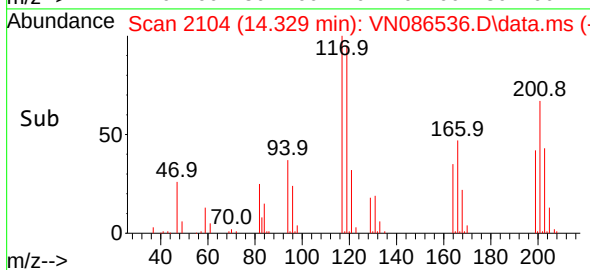
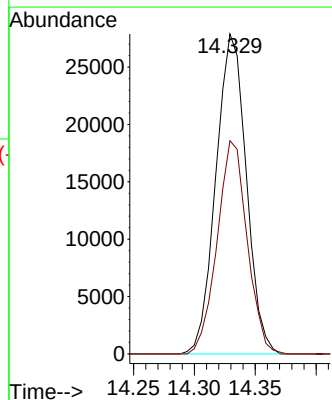
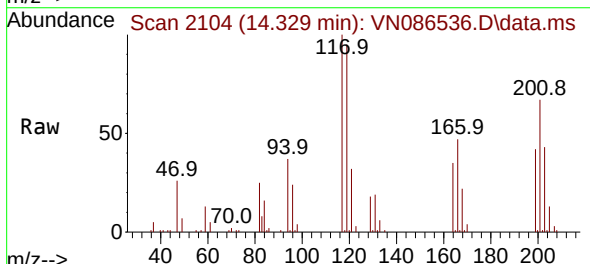
Manual Integrations
APPROVED

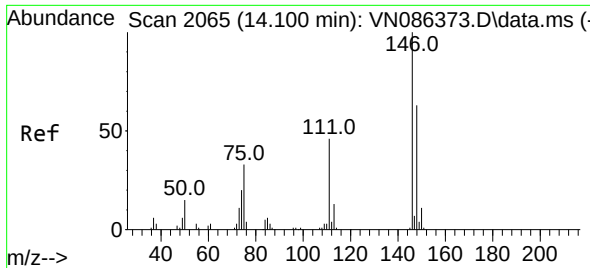
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#86
Hexachloroethane
Concen: 20.579 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Tgt Ion:117 Resp: 48407
Ion Ratio Lower Upper
117 100
201 65.8 31.7 95.1





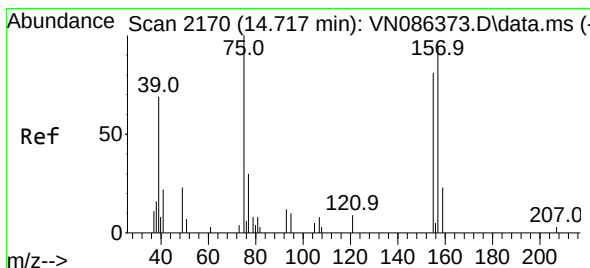
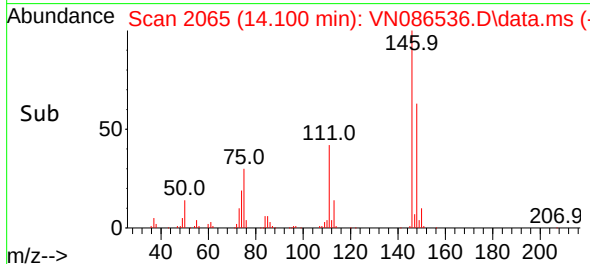
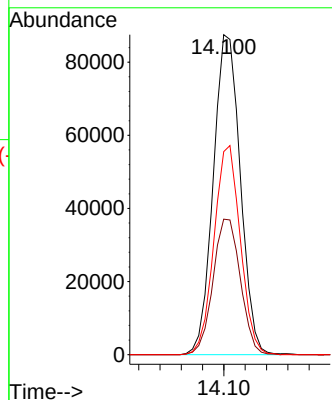
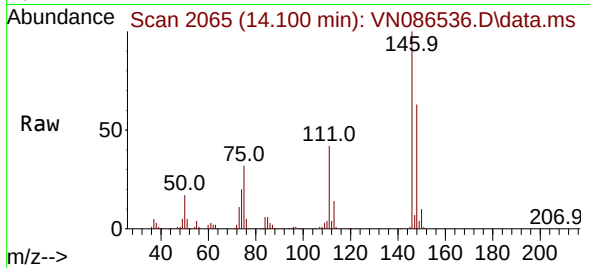
#87
 1,2-Dichlorobenzene
 Concen: 21.792 ug/l
 RT: 14.100 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VN086536.D
 Acq: 07 May 2025 15:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:146 Resp: 15443
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.1 66.3
 148 63.6 32.0 96.0

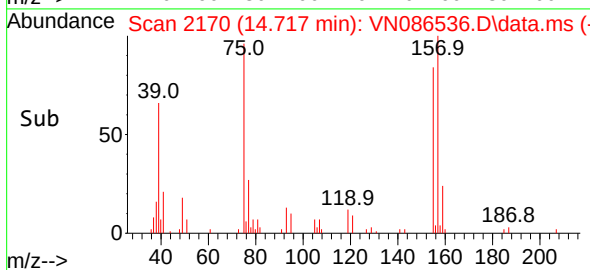
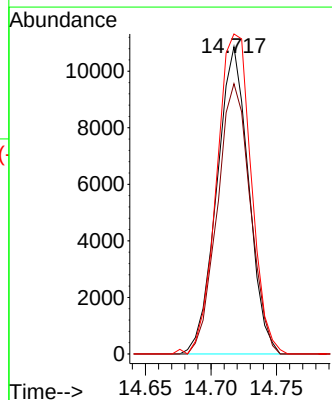
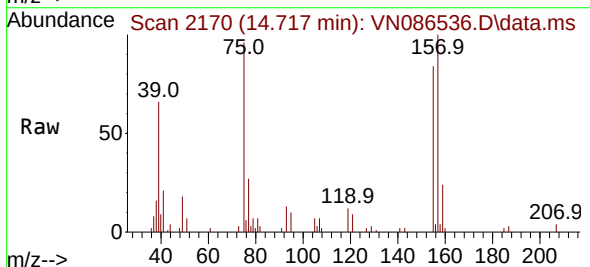
Manual Integrations
 APPROVED

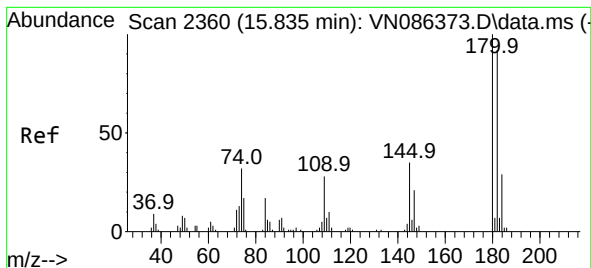
Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.953 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN086536.D
 Acq: 07 May 2025 15:53

Tgt Ion: 75 Resp: 18302
 Ion Ratio Lower Upper
 75 100
 155 91.0 64.0 96.0
 157 112.7 78.2 117.4





#89

1,2,4-Trichlorobenzene

Concen: 22.965 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086536.D

Acq: 07 May 2025 15:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

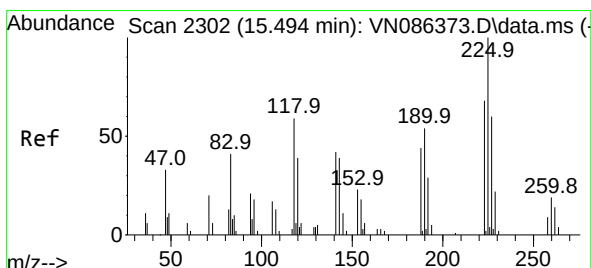
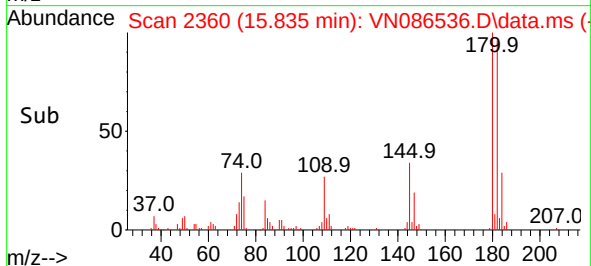
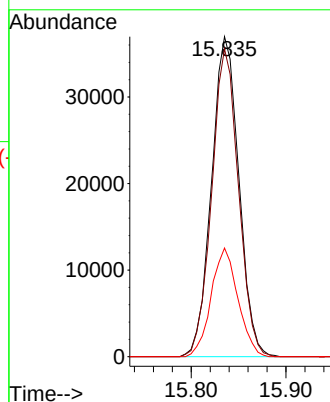
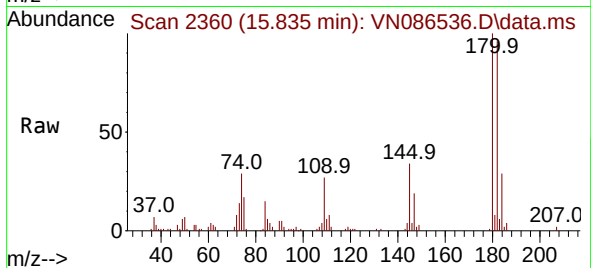
Tgt Ion:	180	Resp:	74170
Ion Ratio	Lower	Upper	
180	100		
182	94.0	74.8	112.2
145	33.3	26.9	40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#90

Hexachlorobutadiene

Concen: 23.637 ug/l

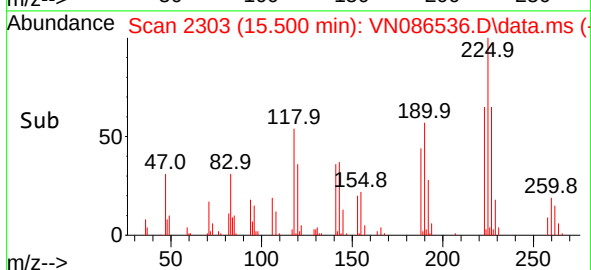
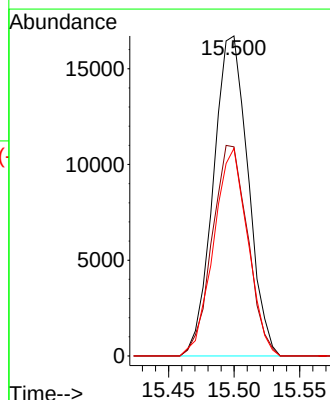
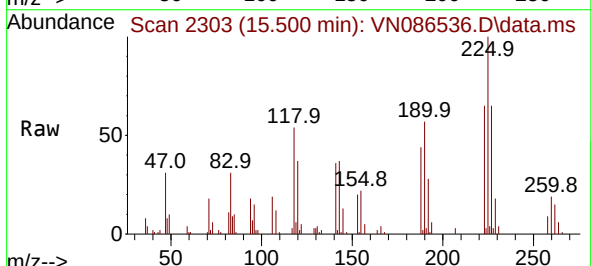
RT: 15.500 min Scan# 2303

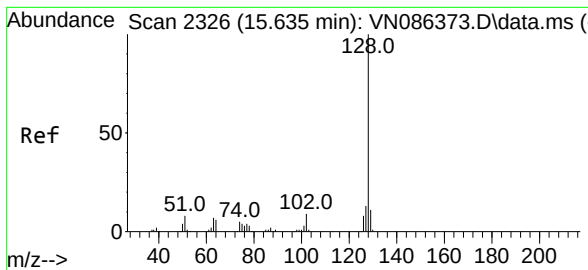
Delta R.T. 0.006 min

Lab File: VN086536.D

Acq: 07 May 2025 15:53

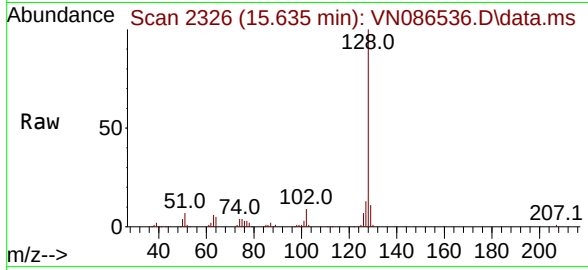
Tgt Ion:	225	Resp:	30753
Ion Ratio	Lower	Upper	
225	100		
223	67.1	0.0	128.8
227	63.8	0.0	120.2





#91
Naphthalene
Concen: 21.544 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

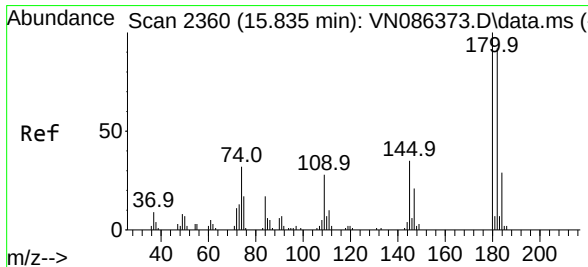
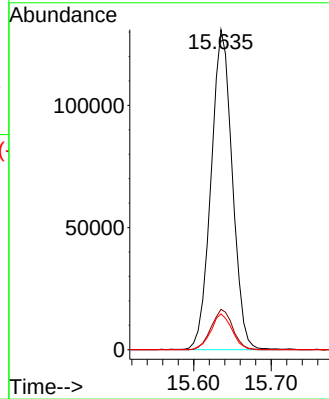
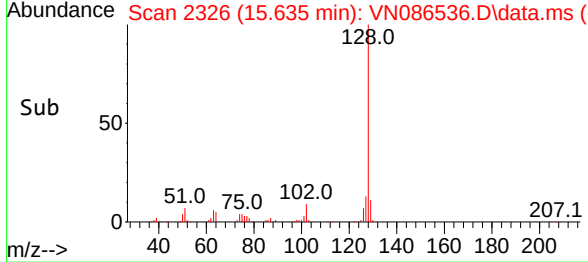
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 249135
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#92
1,2,3-Trichlorobenzene
Concen: 22.965 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086536.D
Acq: 07 May 2025 15:53

Tgt Ion:180 Resp: 74176
Ion Ratio Lower Upper
180 100
182 94.0 0.0 187.0
145 33.3 0.0 67.2

