

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
 Data File : VN085390.D
 Acq On : 07 Jan 2025 10:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Jan 08 04:14:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025

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

Internal Standards						
1) Bromochloromethane	7.806	128	28915	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	149310	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	139056	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	75780	29.792	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.300%		
60) 4-Bromofluorobenzene	12.847	95	68164	30.262	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.867%		
63) Toluene-d8	10.559	98	209330	30.829	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.767%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50713	20.976	ug/l	97
3) Chloromethane	2.359	50	47297	19.376	ug/l	97
4) Vinyl Chloride	2.518	62	50133	20.226	ug/l	97
5) Bromomethane	2.971	94	28948	19.978	ug/l	97
6) Chloroethane	3.130	64	31954	20.422	ug/l #	88
7) Trichlorofluoromethane	3.506	101	73081	21.462	ug/l	98
8) Diethyl Ether	3.959	74	21658	18.468	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	43048	22.015	ug/l	70
10) 1,1-Dichloroethene	4.341	96	35521	19.886	ug/l	92
11) Methyl Iodide	4.589	142	41778	19.515	ug/l	95
12) Methyl Acetate	5.024	43	50308	18.859	ug/l #	86
13) Acrolein	4.171	56	19111	80.250	ug/l	98
14) Acrylonitrile	5.712	53	84706	82.099	ug/l	97
15) Acetone	4.424	58	21806m	83.783	ug/l	
16) Carbon Disulfide	4.712	76	105201	19.375	ug/l	97
17) Allyl chloride	5.024	41	52928	18.317	ug/l	94
18) Methylene Chloride	5.271	84	42803	20.109	ug/l	95
19) trans-1,2-Dichloroethene	5.783	96	38717	20.839	ug/l	93
20) Diisopropyl ether	6.665	45	134691	20.338	ug/l	100
21) 1,1-Dichloroethane	6.565	63	80673	20.838	ug/l #	95
22) cis-1,2-Dichloroethene	7.482	96	45435	20.537	ug/l	94
23) tert-Butyl Alcohol	5.506	59	21430	63.024	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	113019	19.276	ug/l #	76
25) Chloroform	7.965	83	82740	21.083	ug/l	97
26) Cyclohexane	8.253	56	55631	18.846	ug/l #	94
29) 1,1-Dichloropropene	8.365	75	54586	21.056	ug/l	99
30) 2-Butanone	7.477	43	110032	80.410	ug/l	100
31) 2,2-Dichloropropane	7.488	77	69072	21.027	ug/l	100
32) 1,1,1-Trichloroethane	8.159	97	71816	21.310	ug/l	98
33) Carbon Tetrachloride	8.353	117	63272	21.448	ug/l	90
34) Benzene	8.600	78	170861	20.851	ug/l	100
35) Methacrylonitrile	7.771	41	25603	16.902	ug/l	95
36) 1,2-Dichloroethane	8.665	62	60409	20.387	ug/l	100
37) Trichloroethene	9.347	130	37201	20.634	ug/l	98
38) Methylcyclohexane	9.594	83	51887	19.342	ug/l	97
39) 1,2-Dichloropropane	9.612	63	42613	20.440	ug/l	100
40) Dibromomethane	9.706	93	29667	20.410	ug/l	97
41) Bromodichloromethane	9.882	83	63085	20.767	ug/l	96
42) Vinyl Acetate	6.594	43	431274	89.286	ug/l	100

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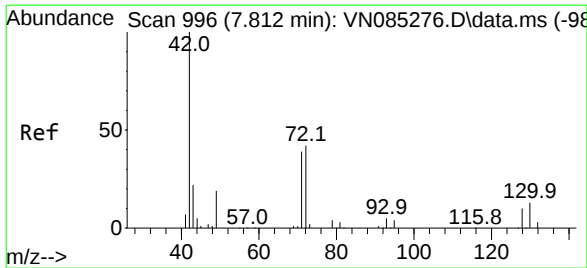
Manual Integrations
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Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 04:14:32 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	50602	17.882	ug/l	94
44) Isopropyl Acetate	8.682	43	83519	17.766	ug/l	98
45) 1,4-Dioxane	9.688	88	10868	297.233	ug/l	97
46) Methyl methacrylate	9.671	41	36890	16.906	ug/l	92
47) n-amyl Acetate	12.488	43	66733	16.664	ug/l	96
48) t-1,3-Dichloropropene	10.829	75	58855	19.615	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	63493	19.683	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	38701	20.358	ug/l	97
51) Ethyl methacrylate	10.870	69	51817	18.022	ug/l	92
52) 1,3-Dichloropropane	11.159	76	67300	20.281	ug/l	99
53) Dibromochloromethane	11.353	129	45829	20.575	ug/l	99
54) 1,2-Dibromoethane	11.465	107	36440	19.808	ug/l	100
55) 2-Chloroethyl vinyl ether	10.153	63	125727	84.891	ug/l	100
56) Bromoform	12.576	173	27455	18.894	ug/l	97
58) 4-Methyl-2-Pentanone	10.435	43	241460	85.654	ug/l	99
59) 2-Hexanone	11.188	43	168242	82.154	ug/l	100
61) Tetrachloroethene	11.094	164	34715	22.363	ug/l	87
62) Toluene	10.623	91	179455	21.006	ug/l	99
64) Chlorobenzene	11.882	112	108011	20.963	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	40694	21.778	ug/l	96
66) Ethyl Benzene	11.959	91	177225	19.715	ug/l	93
67) m/p-Xylenes	12.065	106	142605	42.287	ug/l	98
68) o-Xylene	12.394	106	66170	20.599	ug/l	93
69) Styrene	12.406	104	110527	20.360	ug/l	99
70) Isopropylbenzene	12.694	105	163324	20.249	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	52570	18.376	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	46562m	19.123	ug/l	
73) Bromobenzene	12.976	156	40951	20.551	ug/l	94
74) n-propylbenzene	13.029	91	202400	20.142	ug/l	98
75) 2-Chlorotoluene	13.117	91	125738	20.771	ug/l	100
76) 1,3,5-Trimethylbenzene	13.164	105	141887	20.616	ug/l	98
77) t-1,4-Dichloro-2-butene	12.729	75	16202	16.282	ug/l	96
78) 4-Chlorotoluene	13.217	91	125206	20.343	ug/l	98
79) tert-butylbenzene	13.435	119	114419	20.328	ug/l	97
80) 1,2,4-Trimethylbenzene	13.476	105	142245	20.764	ug/l	99
81) sec-Butylbenzene	13.611	105	164820	20.283	ug/l	98
82) p-Isopropyltoluene	13.723	119	135302	20.218	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	76742	20.650	ug/l	98
84) 1,4-Dichlorobenzene	13.806	146	73497	20.442	ug/l	98
85) n-Butylbenzene	14.053	91	112353	19.446	ug/l	100
86) Hexachloroethane	14.329	117	28739	20.003	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	71413	20.227	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.711	75	8499	16.274	ug/l	93
89) 1,2,4-Trichlorobenzene	15.829	180	31236	18.674	ug/l	98
90) Hexachlorobutadiene	15.494	225	16924	20.298	ug/l	95
91) Naphthalene	15.635	128	81355	15.138	ug/l	99
92) 1,2,3-Trichlorobenzene	15.829	180	31236	18.674	ug/l	98

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



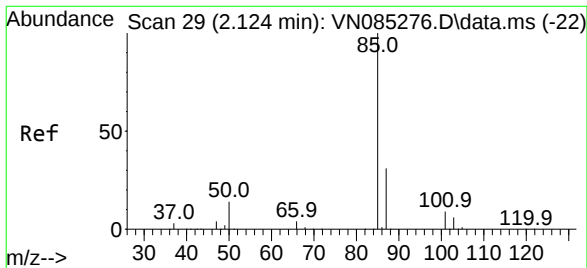
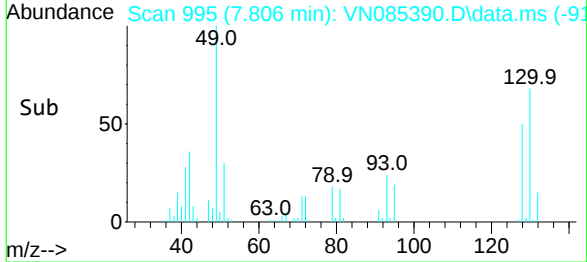
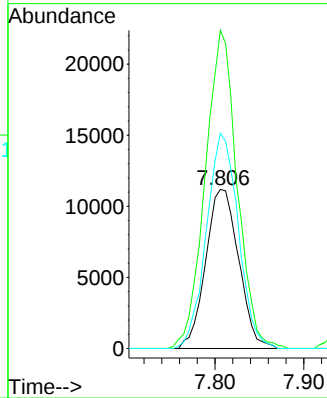
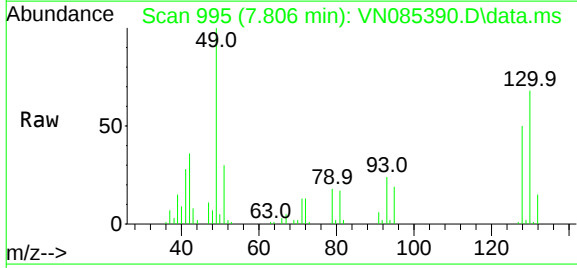
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 28915
Ion Ratio Lower Upper
128 100
49 193.1 0.0 497.8
130 131.0 0.0 328.5

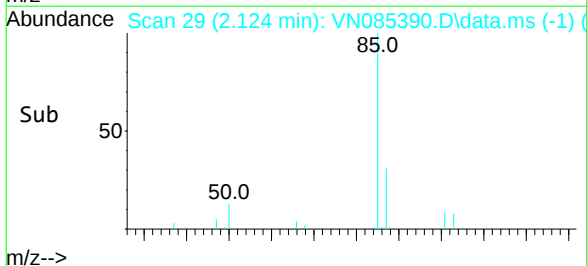
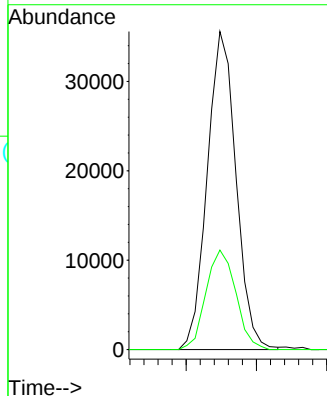
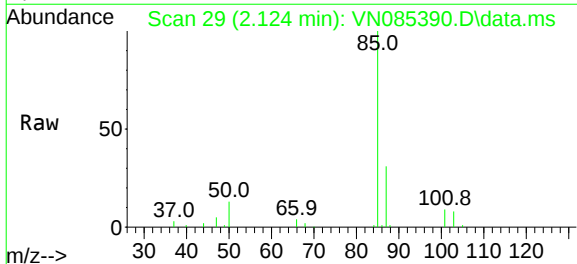
Manual Integrations
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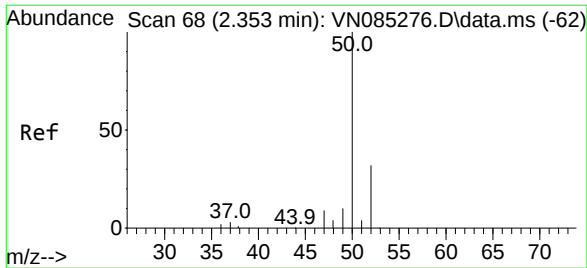
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#2
Dichlorodifluoromethane
Concen: 20.976 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 85 Resp: 50713
Ion Ratio Lower Upper
85 100
87 31.3 16.5 49.5





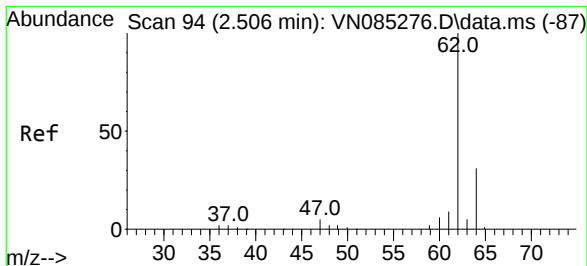
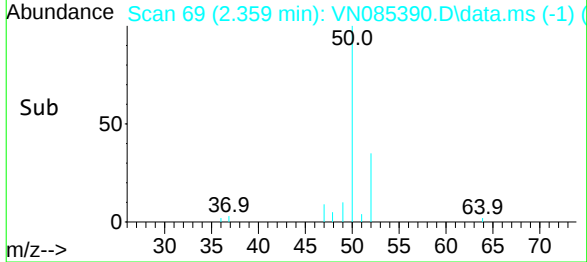
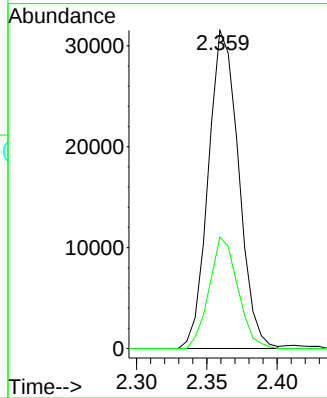
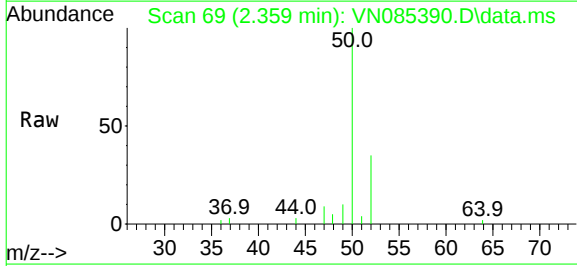
#3
Chloromethane
Concen: 19.376 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 47297
Ion Ratio Lower Upper
50 100
52 35.1 26.5 39.7

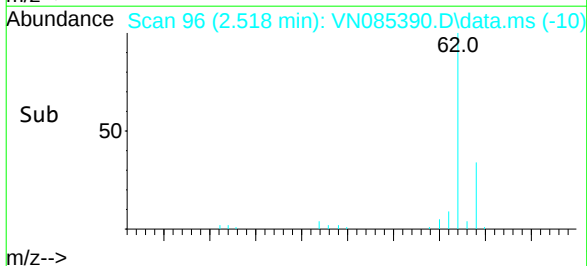
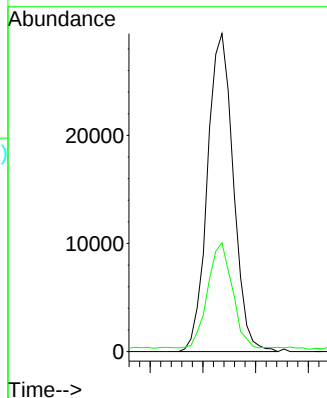
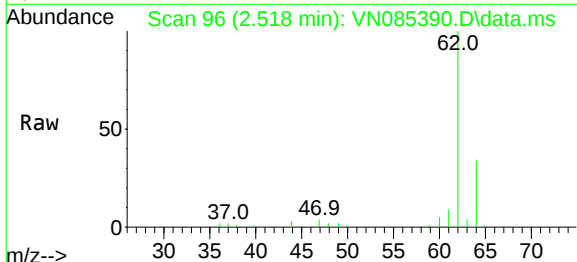
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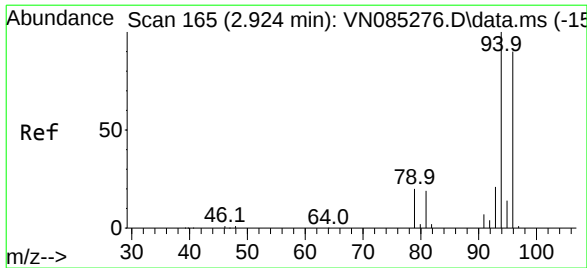
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#4
Vinyl Chloride
Concen: 20.226 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

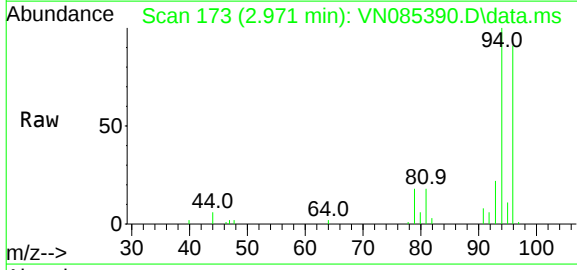
Tgt Ion: 62 Resp: 50133
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.4





#5
Bromomethane
Concen: 19.978 ug/l
RT: 2.971 min Scan# 17
Delta R.T. 0.012 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

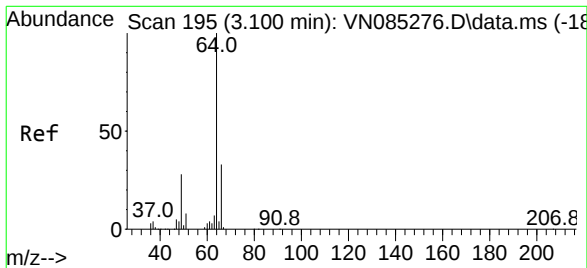
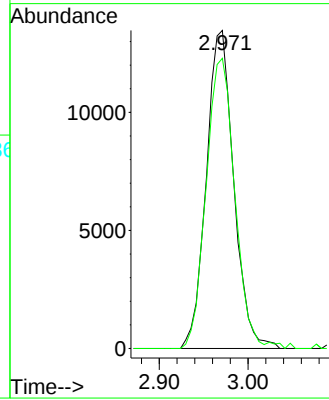
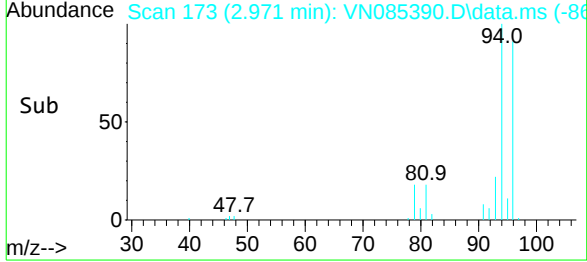
Instrument :
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ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 28948
Ion Ratio Lower Upper
94 100
96 91.2 75.6 113.4

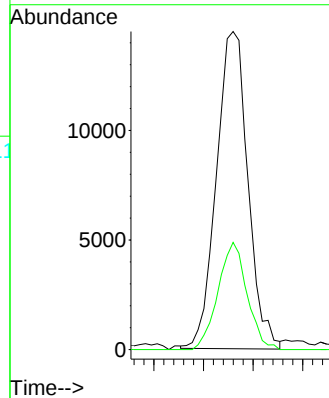
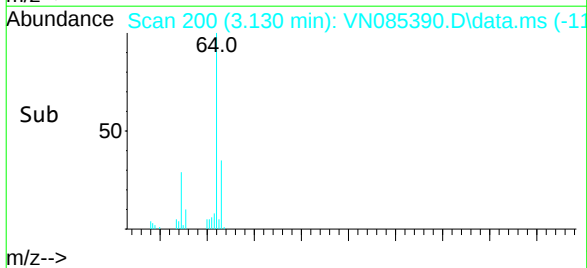
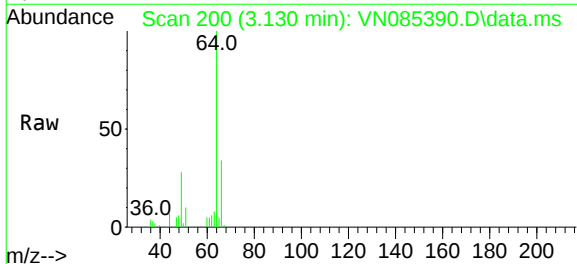
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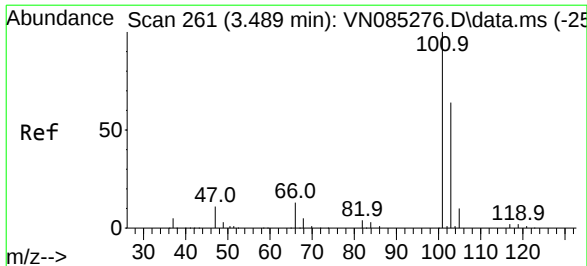
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#6
Chloroethane
Concen: 20.422 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

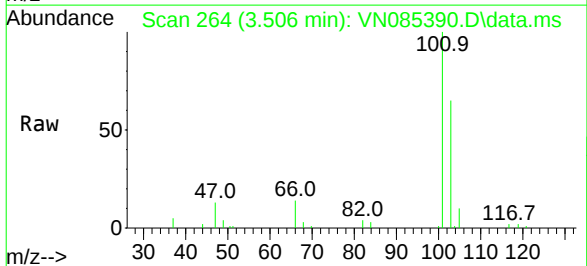
Tgt Ion: 64 Resp: 31954
Ion Ratio Lower Upper
64 100
66 34.1 22.2 33.4





#7
 Trichlorofluoromethane
 Concen: 21.462 ug/l
 RT: 3.506 min Scan# 261
 Delta R.T. 0.006 min
 Lab File: VN085390.D
 Acq: 07 Jan 2025 10:30

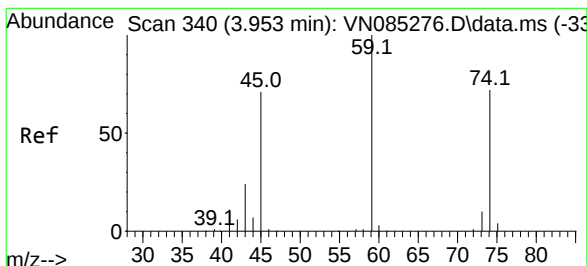
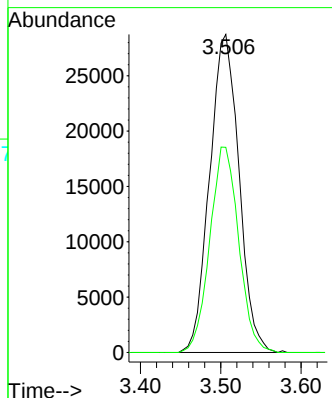
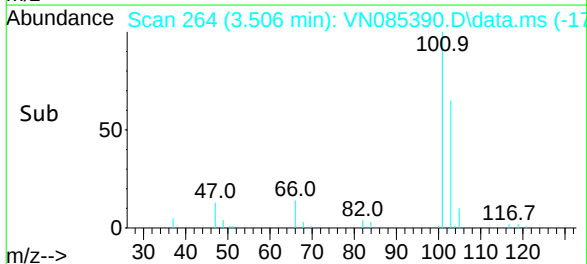
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 ClientSampleId :
 VSTDCCC020



Tgt Ion:101 Resp: 73081
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.6 78.8

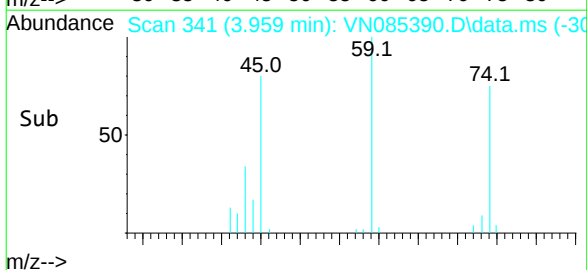
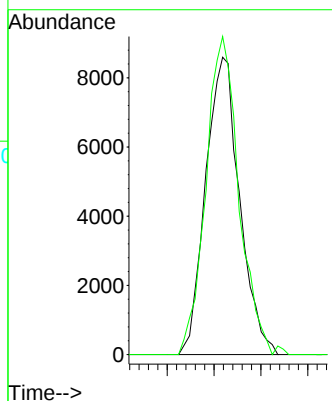
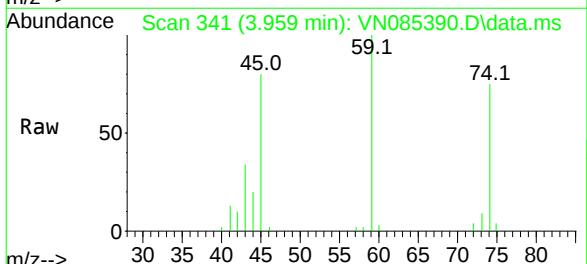
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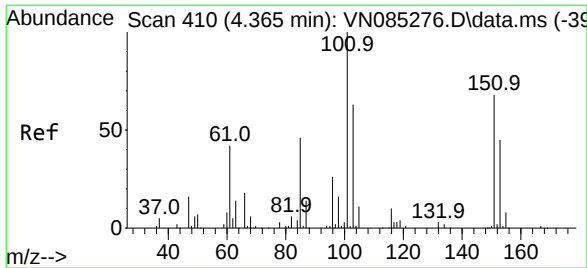
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



#8
 Diethyl Ether
 Concen: 18.468 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085390.D
 Acq: 07 Jan 2025 10:30

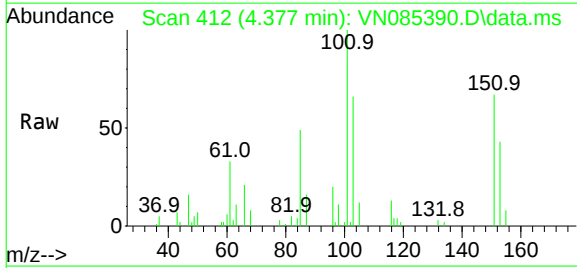
Tgt Ion: 74 Resp: 21658
 Ion Ratio Lower Upper
 74 100
 45 103.5 20.8 187.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.015 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

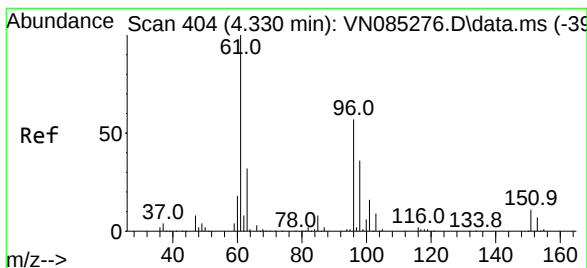
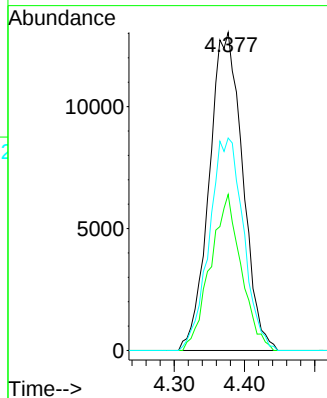
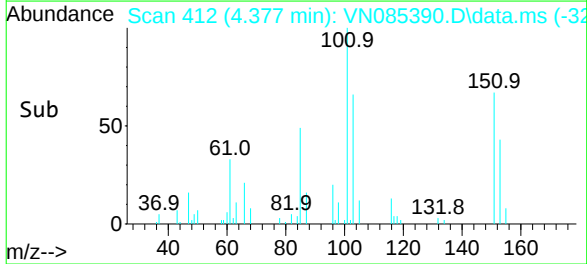
Instrument :
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VSTDCCC020



Tgt Ion: 101 Resp: 43048
Ion Ratio Lower Upper
101 100
85 45.5 0.0 96.6
151 33.4 0.0 147.4

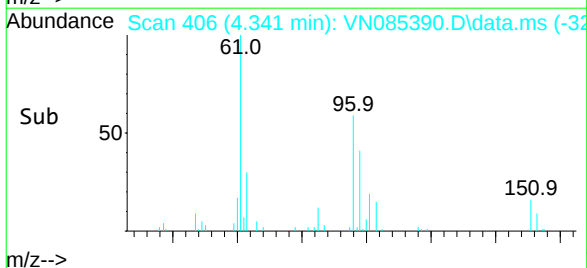
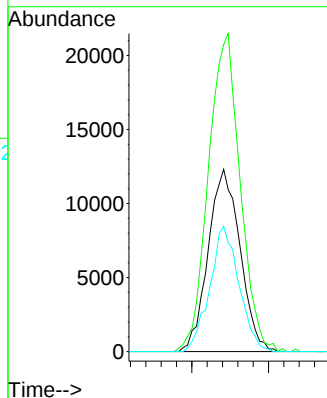
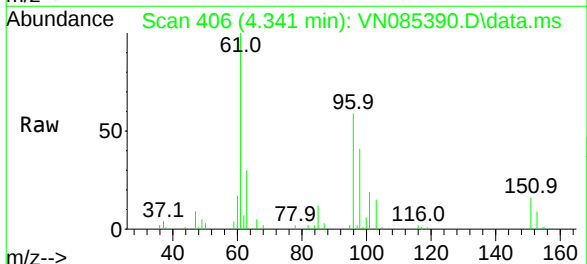
Manual Integrations
APPROVED

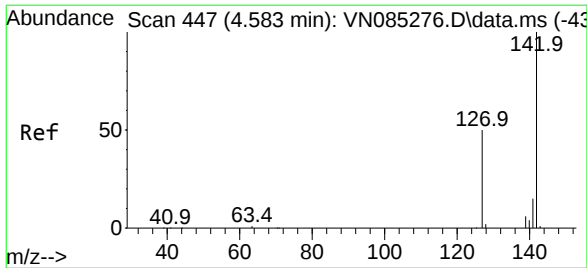
Reviewed By : John Carlone 01/08/2025
Supervised By : Mahesh Dadoda 01/08/2025



#10
1,1-Dichloroethene
Concen: 19.886 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

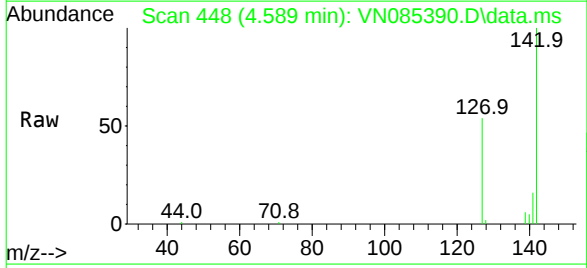
Tgt Ion: 96 Resp: 35521
Ion Ratio Lower Upper
96 100
61 168.4 145.9 218.9
98 68.6 51.9 77.9





#11
Methyl Iodide
Concen: 19.515 ug/l
RT: 4.589 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

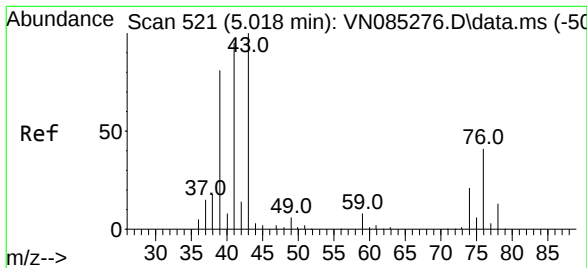
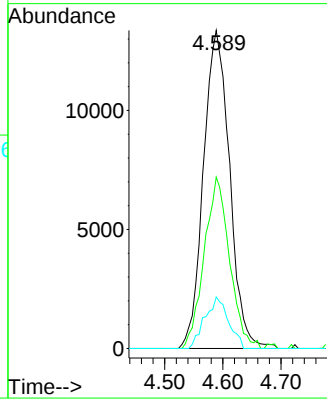
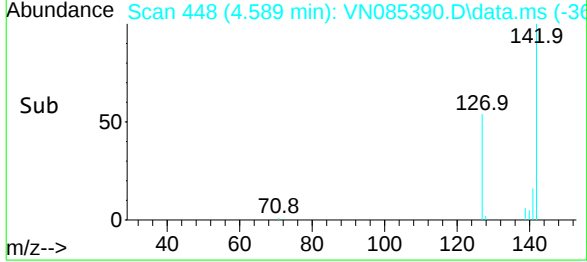
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 142 Resp: 41778
Ion Ratio Lower Upper
142 100
127 53.9 25.1 75.4
141 16.2 6.9 20.7

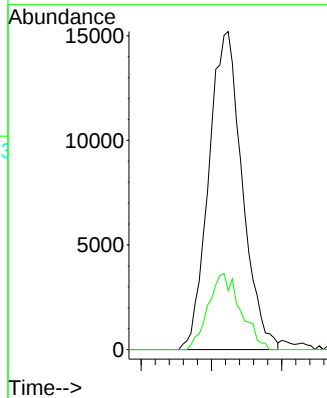
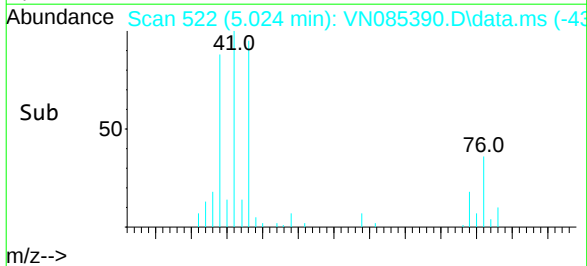
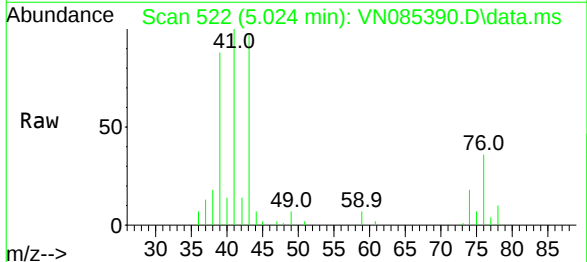
Manual Integrations
APPROVED

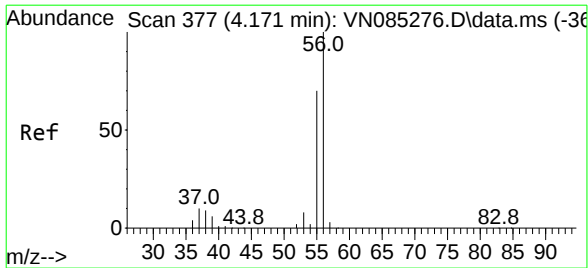
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#12
Methyl Acetate
Concen: 18.859 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 43 Resp: 50308
Ion Ratio Lower Upper
43 100
74 18.8 20.5 30.7#





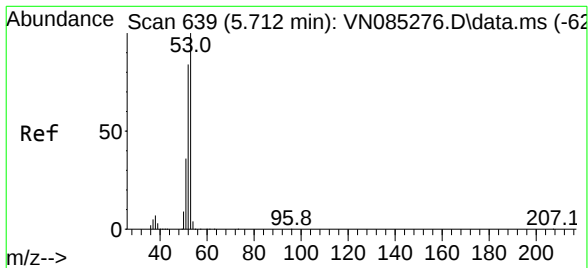
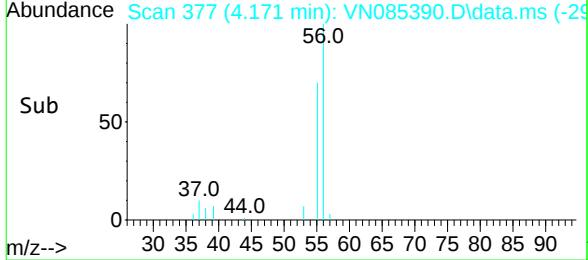
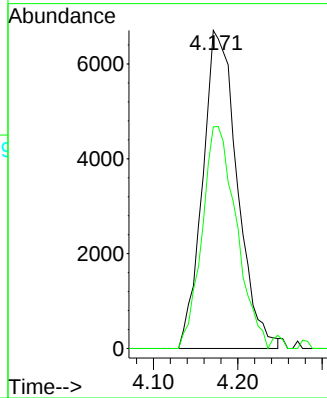
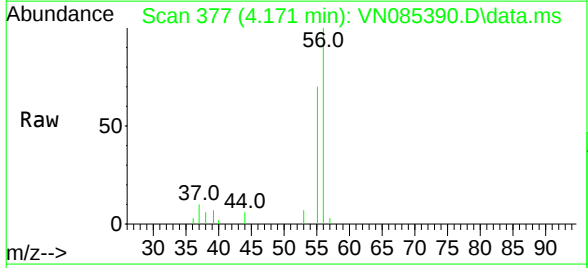
#13
Acrolein
Concen: 80.250 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.012 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	56	Resp:	19111
Ion	Ratio	Lower	Upper
56	100		
55	69.3	56.8	85.2

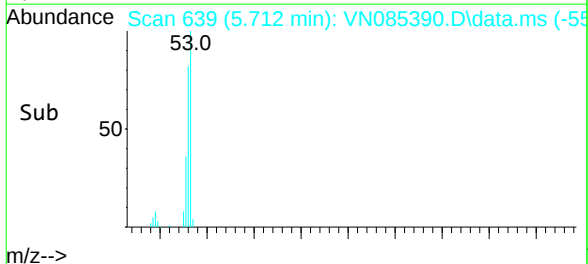
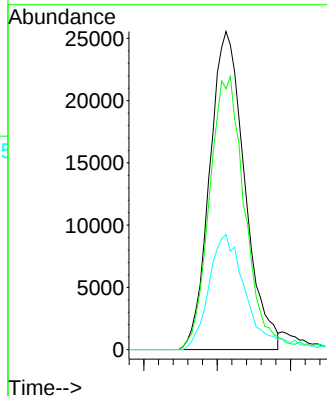
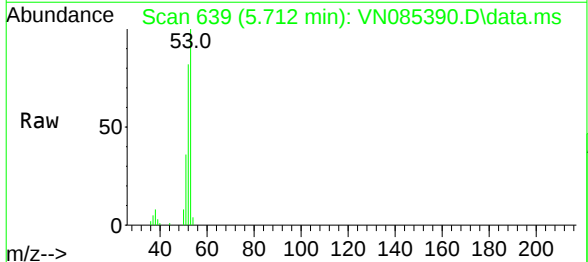
Manual Integrations
APPROVED

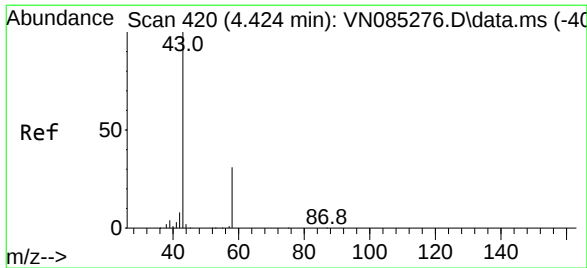
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#14
Acrylonitrile
Concen: 82.099 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion:	53	Resp:	84706
Ion	Ratio	Lower	Upper
53	100		
52	86.3	41.6	124.8
51	37.7	18.1	54.4





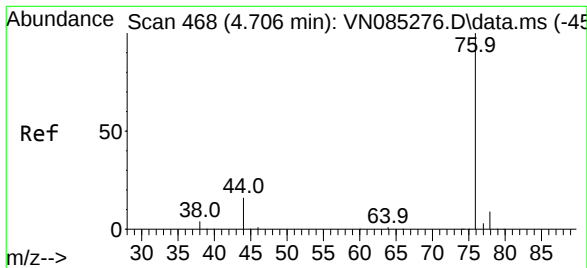
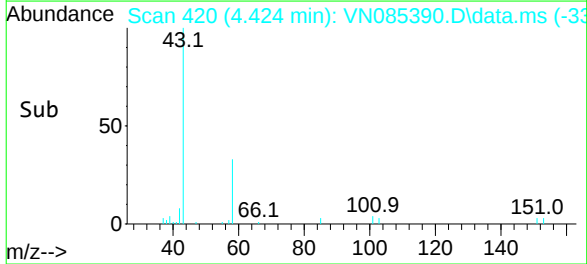
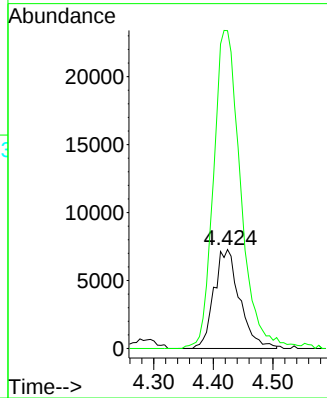
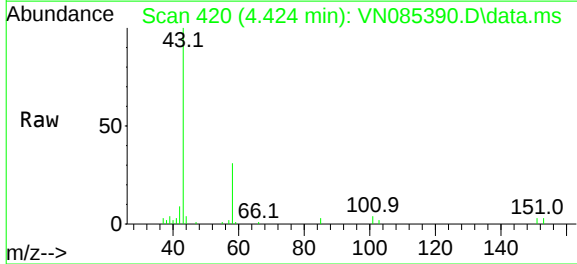
#15
Acetone
Concen: 83.783 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 21806
Ion Ratio Lower Upper
58 100
43 321.3 258.8 388.2

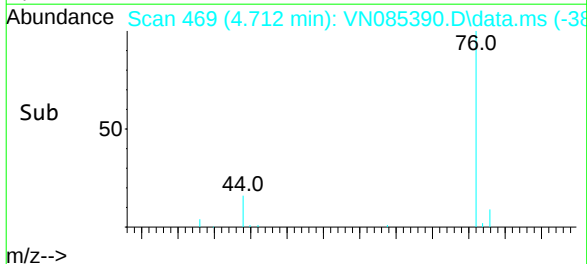
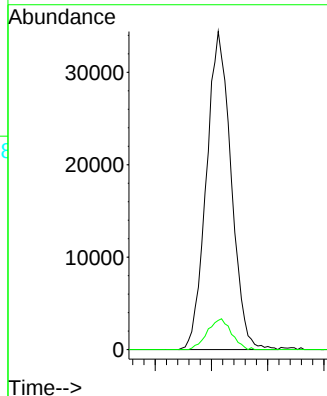
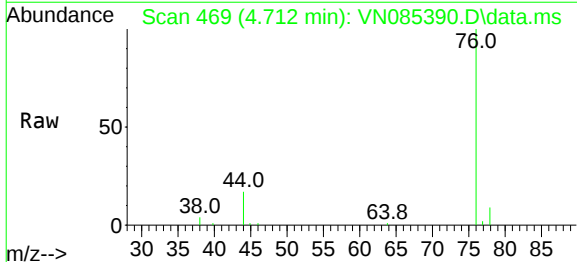
Manual Integrations
APPROVED

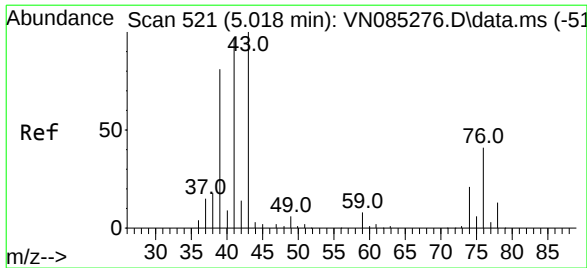
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#16
Carbon Disulfide
Concen: 19.375 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 76 Resp: 105201
Ion Ratio Lower Upper
76 100
78 9.2 6.6 9.8





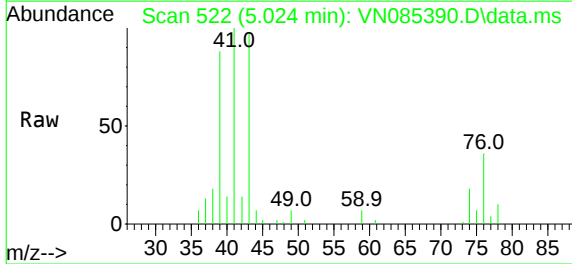
#17
 Allyl chloride
 Concen: 18.317 ug/l
 RT: 5.024 min Scan# 521
 Delta R.T. -0.000 min
 Lab File: VN085390.D
 Acq: 07 Jan 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



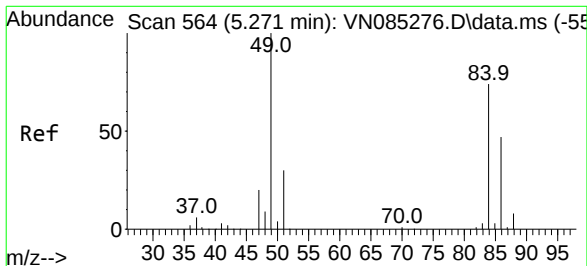
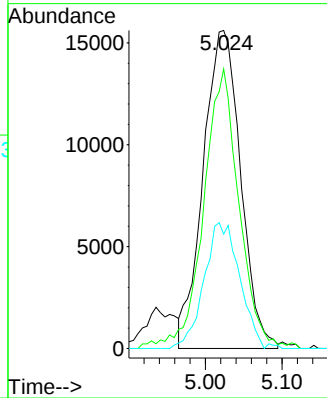
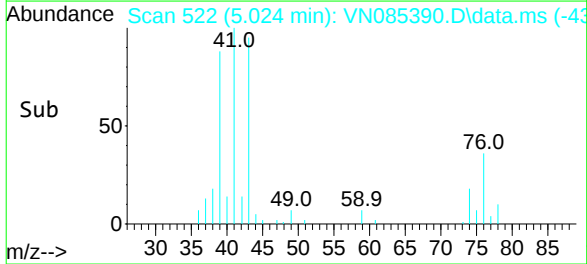
Tgt Ion: 41 Resp: 52928
 Ion Ratio Lower Upper
 41 100
 39 87.8 41.3 124.1
 76 35.4 19.5 58.5

Manual Integrations

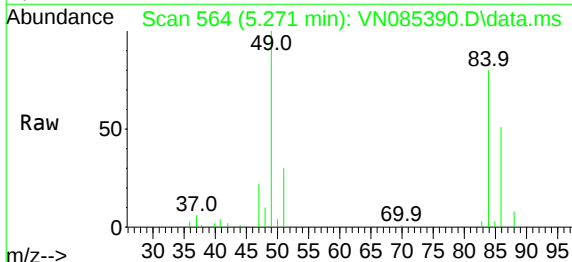
APPROVED

Reviewed By :John Carlone 01/08/2025

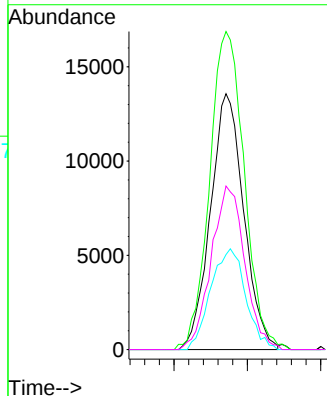
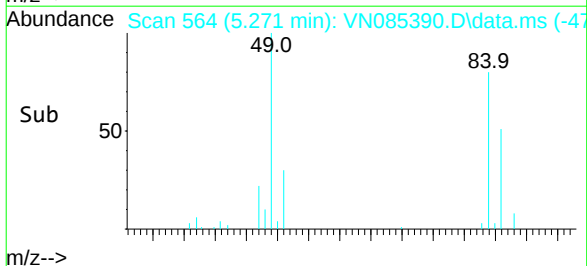
Supervised By :Mahesh Dadoda 01/08/2025

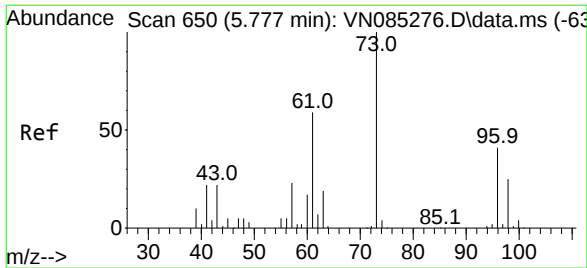


#18
 Methylene Chloride
 Concen: 20.109 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.000 min
 Lab File: VN085390.D
 Acq: 07 Jan 2025 10:30



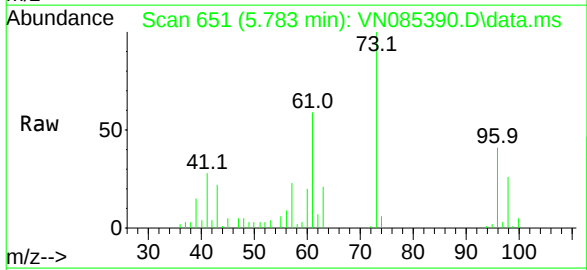
Tgt Ion: 84 Resp: 42803
 Ion Ratio Lower Upper
 84 100
 49 122.3 104.9 157.3
 51 37.1 30.2 45.4
 86 63.9 50.6 76.0





#19
trans-1,2-Dichloroethene
Concen: 20.839 ug/l
RT: 5.783 min Scan# 65
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

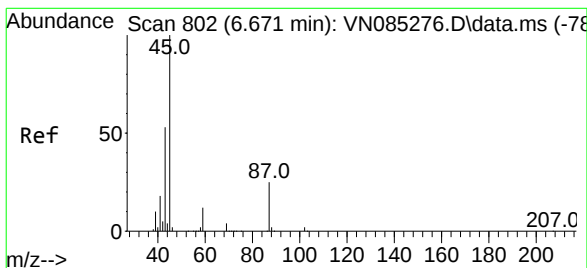
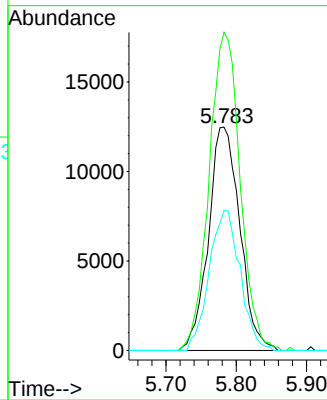
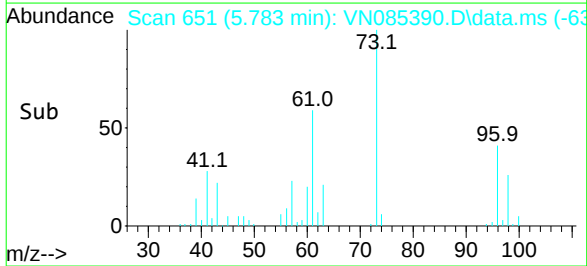
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 38717
Ion Ratio Lower Upper
96 100
61 142.4 124.2 186.4
98 62.7 51.0 76.4

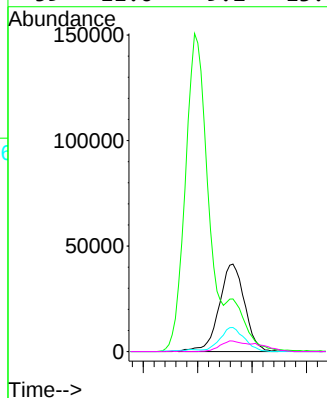
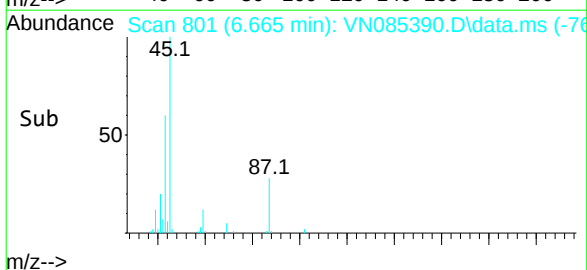
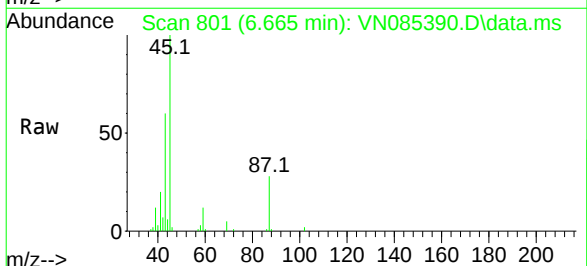
Manual Integrations
APPROVED

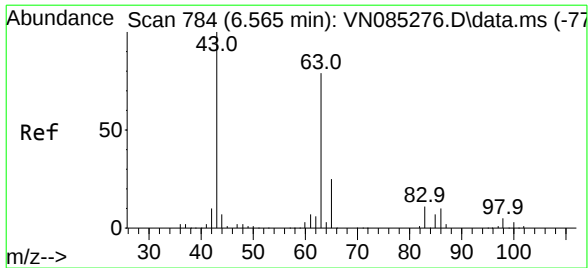
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#20
Diisopropyl ether
Concen: 20.338 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 45 Resp: 134691
Ion Ratio Lower Upper
45 100
43 57.9 46.6 69.8
87 27.5 22.3 33.5
59 11.6 9.2 13.8





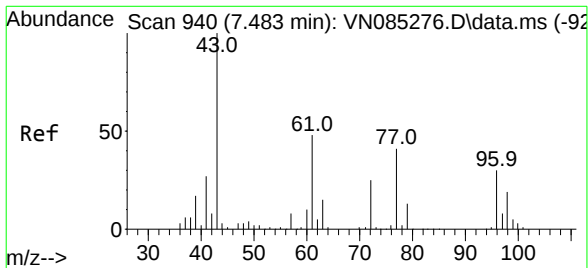
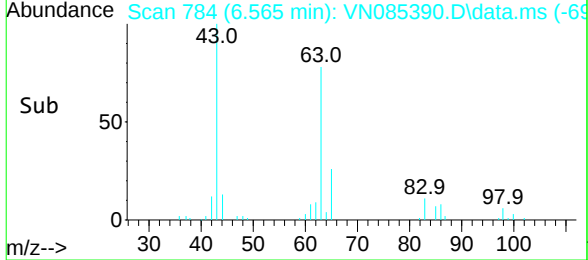
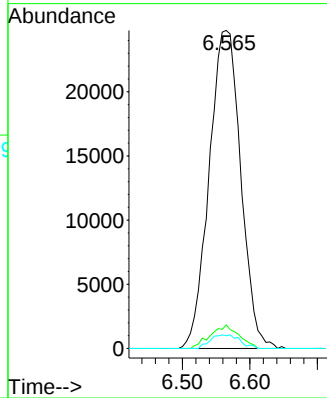
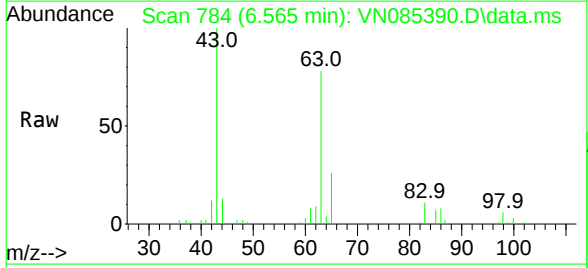
#21
1,1-Dichloroethane
Concen: 20.838 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 80673
Ion Ratio Lower Upper
63 100
98 7.4 2.4 7.1#
100 4.0 2.1 6.3

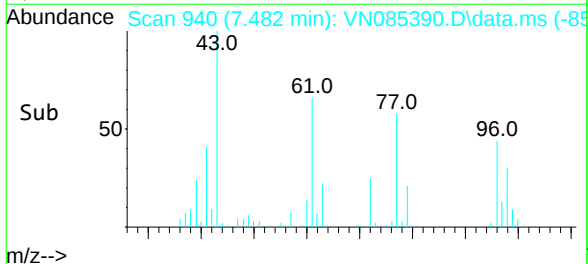
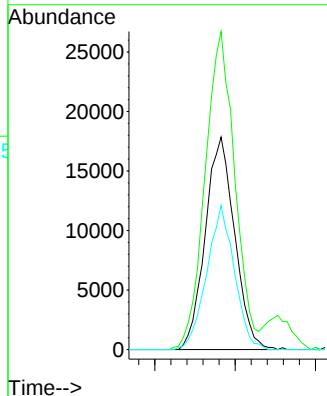
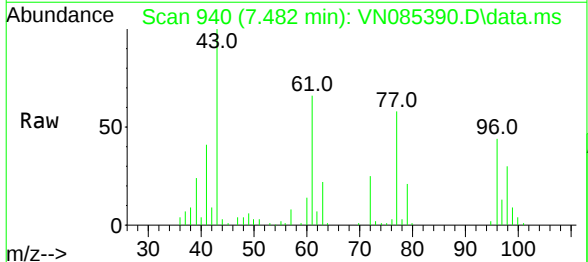
Manual Integrations
APPROVED

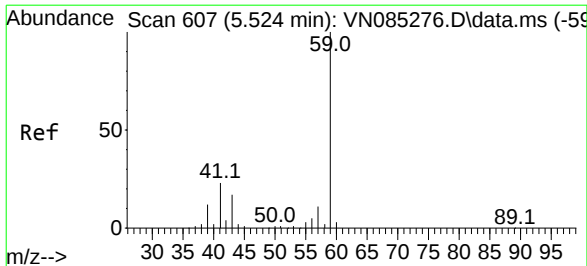
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#22
cis-1,2-Dichloroethene
Concen: 20.537 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 96 Resp: 45435
Ion Ratio Lower Upper
96 100
61 151.2 128.1 192.1
98 63.7 52.7 79.1





#23

tert-Butyl Alcohol

Concen: 63.024 ug/l

RT: 5.506 min Scan# 607

Delta R.T. -0.012 min

Lab File: VN085390.D

Acq: 07 Jan 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 59 Resp: 21436

Ion Ratio Lower Upper

59 100

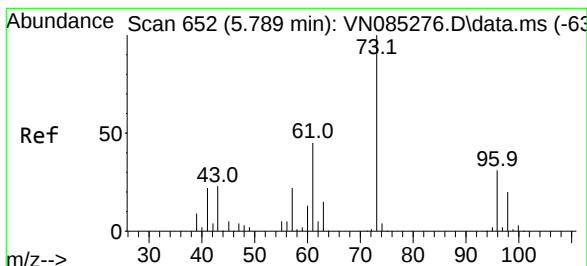
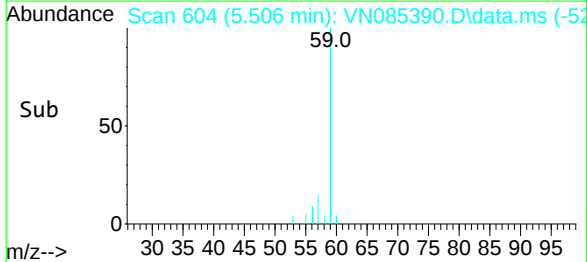
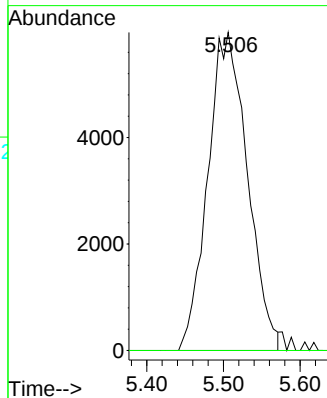
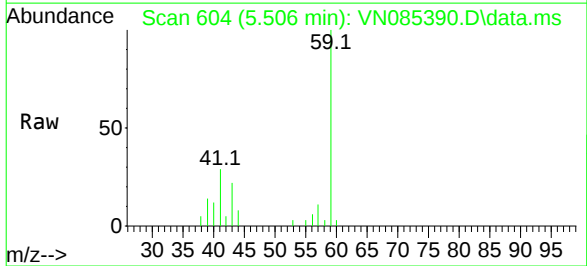
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#24

Methyl tert-Butyl Ether

Concen: 19.276 ug/l

RT: 5.788 min Scan# 652

Delta R.T. -0.012 min

Lab File: VN085390.D

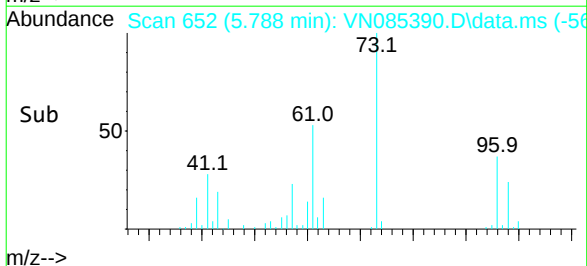
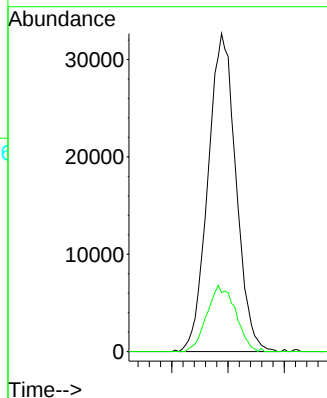
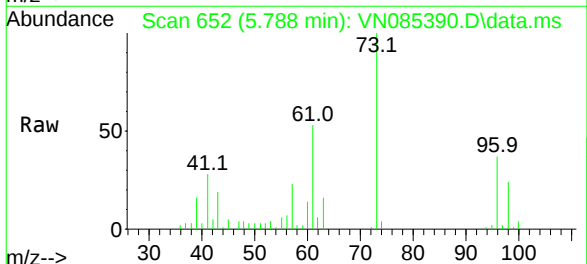
Acq: 07 Jan 2025 10:30

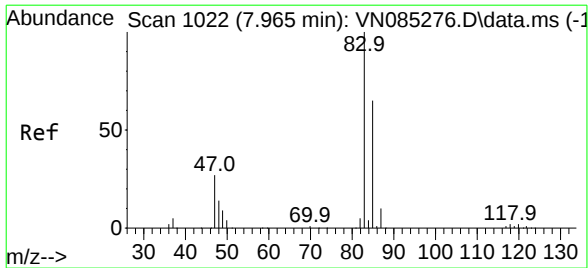
Tgt Ion: 73 Resp: 113019

Ion Ratio Lower Upper

73 100

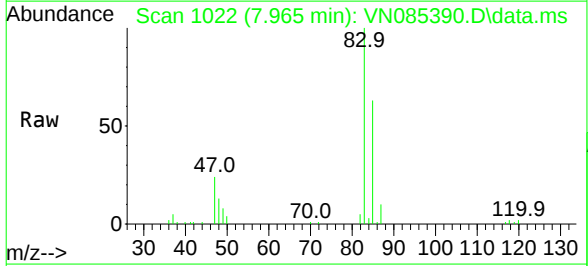
43 11.6 18.6 27.8#





#25
Chloroform
Concen: 21.083 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

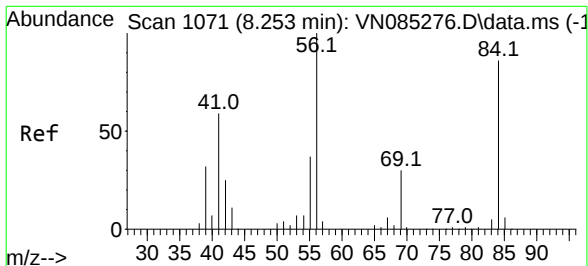
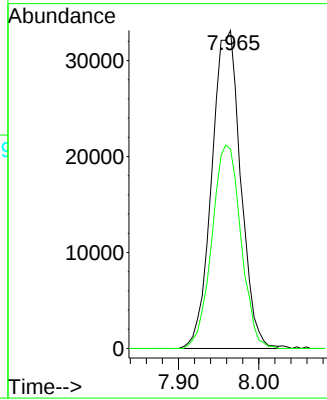
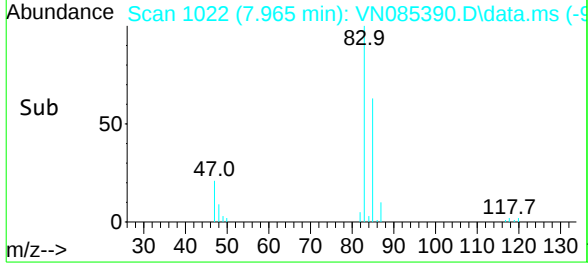
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



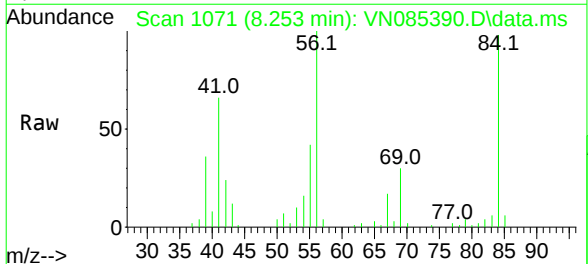
Tgt Ion: 83 Resp: 82740
Ion Ratio Lower Upper
83 100
85 62.7 52.0 78.0

Manual Integrations
APPROVED

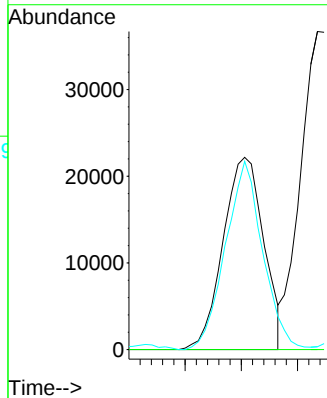
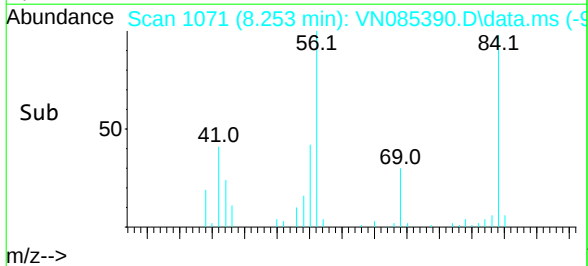
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

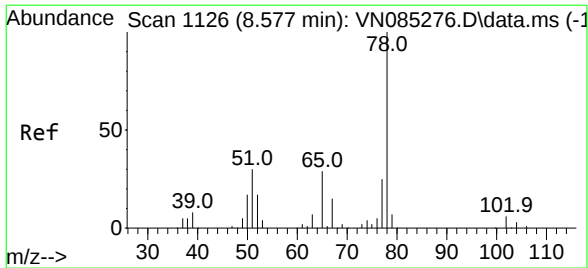


#26
Cyclohexane
Concen: 18.846 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30



Tgt Ion: 56 Resp: 55631
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.9 67.6 101.4





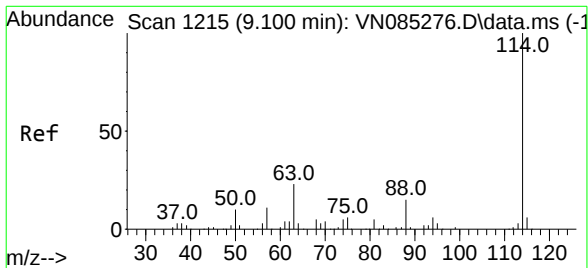
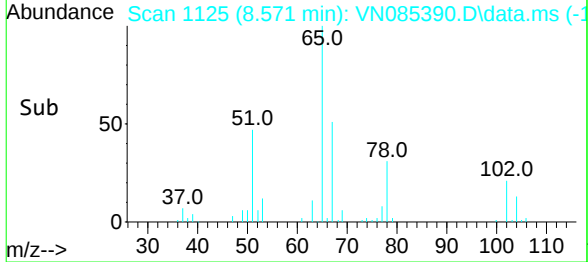
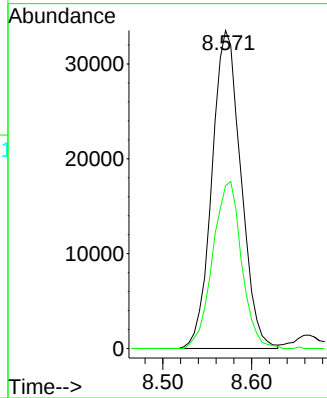
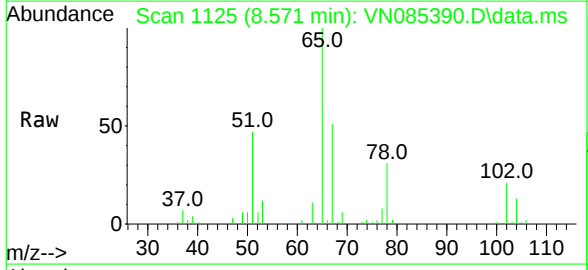
#27
1,2-Dichloroethane-d4
Concen: 29.792 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 75780
Ion Ratio Lower Upper
65 100
67 52.5 42.0 63.0

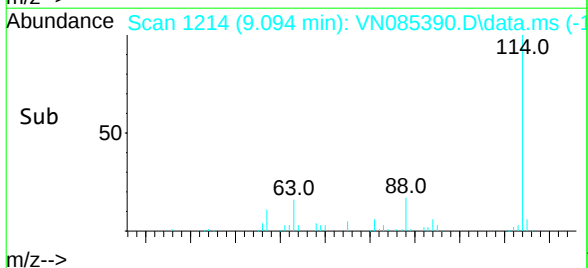
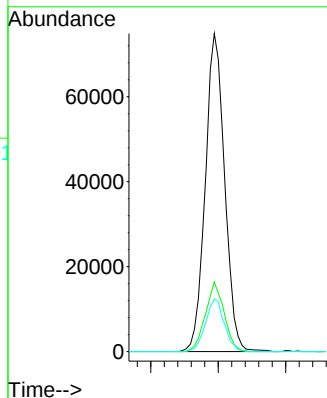
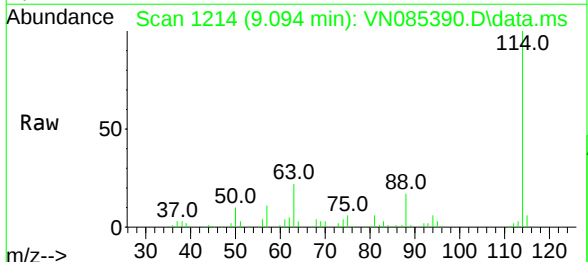
Manual Integrations
APPROVED

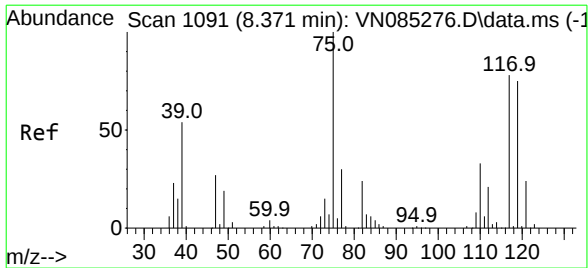
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion:114 Resp: 149310
Ion Ratio Lower Upper
114 100
63 21.2 18.0 27.0
88 16.0 12.9 19.3





#29
1,1-Dichloropropene
Concen: 21.056 ug/l
RT: 8.365 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :

MSVOA_N

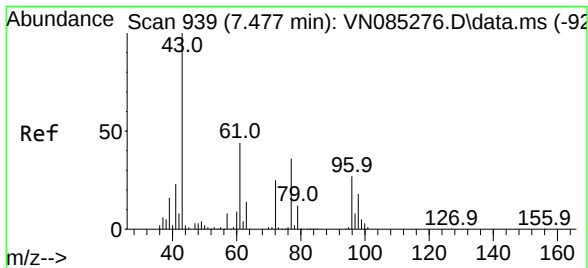
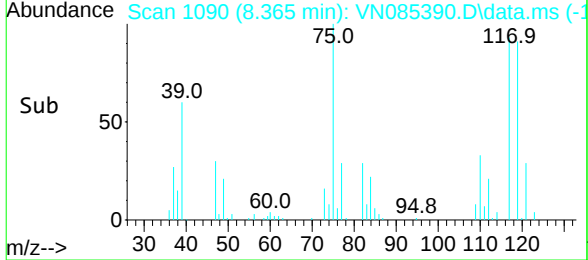
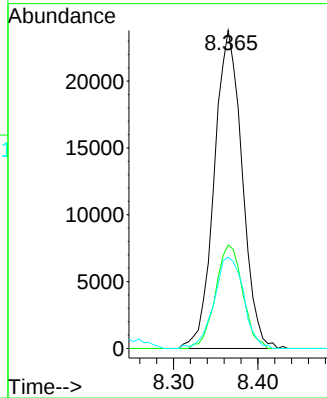
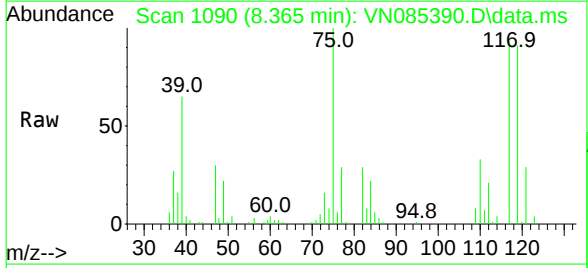
ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 54586
Ion Ratio Lower Upper
75 100
110 31.7 0.0 64.8
77 30.2 0.0 60.8

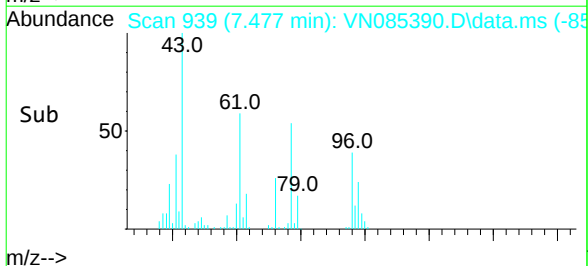
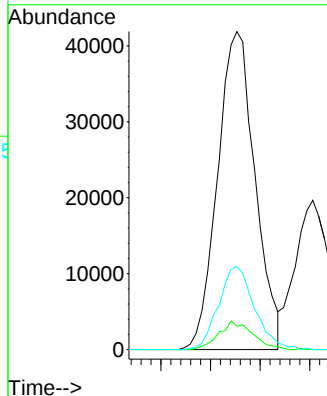
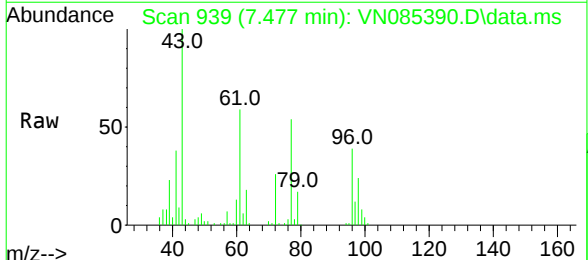
Manual Integrations
APPROVED

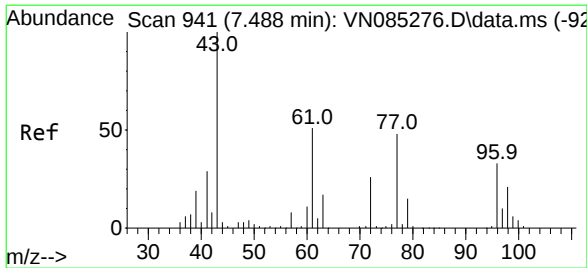
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#30
2-Butanone
Concen: 80.410 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 43 Resp: 110032
Ion Ratio Lower Upper
43 100
57 8.0 6.2 9.2
72 24.9 19.9 29.9





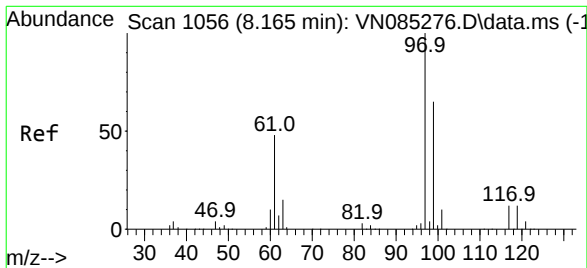
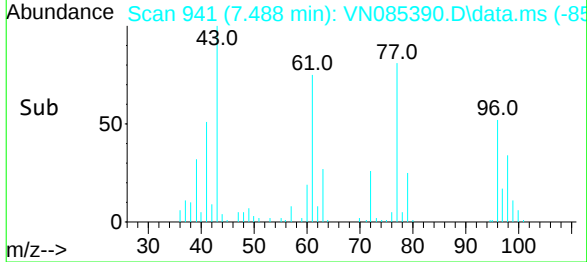
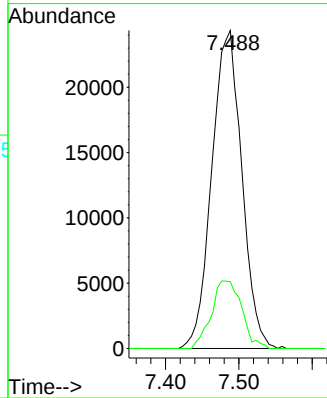
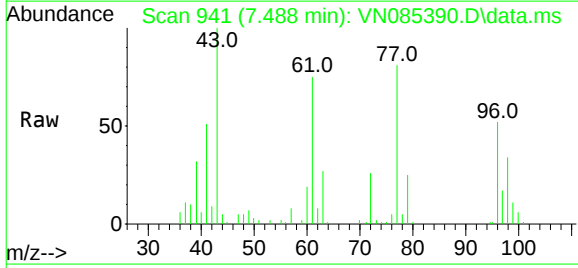
#31
2,2-Dichloropropane
Concen: 21.027 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 69072
Ion Ratio Lower Upper
77 100
97 20.9 16.9 25.3

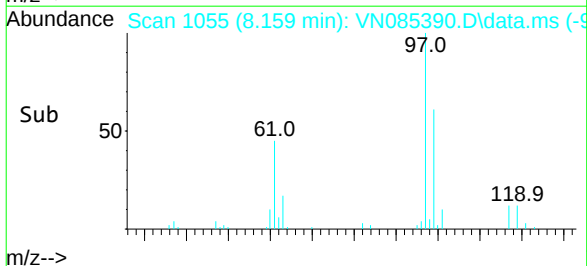
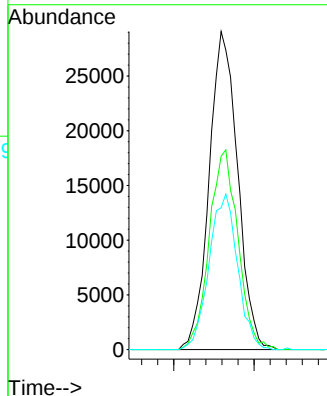
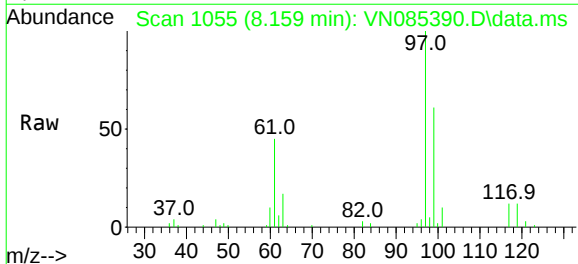
Manual Integrations
APPROVED

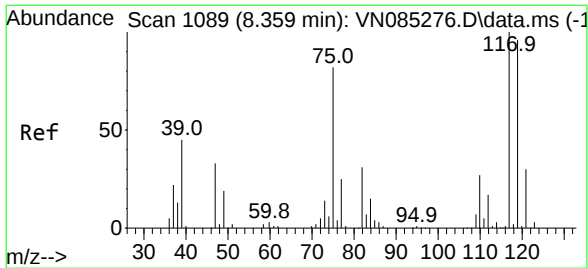
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#32
1,1,1-Trichloroethane
Concen: 21.310 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

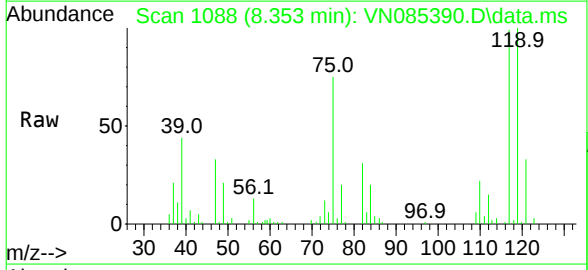
Tgt Ion: 97 Resp: 71816
Ion Ratio Lower Upper
97 100
99 63.2 52.2 78.2
61 48.8 39.8 59.8





#33
Carbon Tetrachloride
Concen: 21.448 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

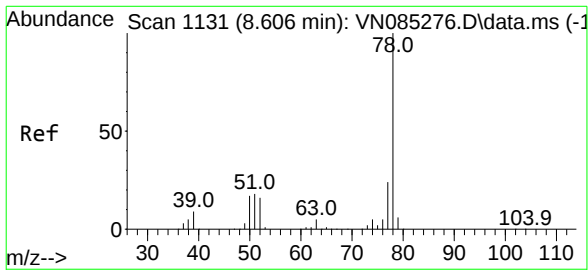
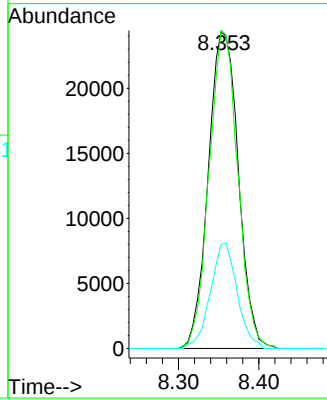
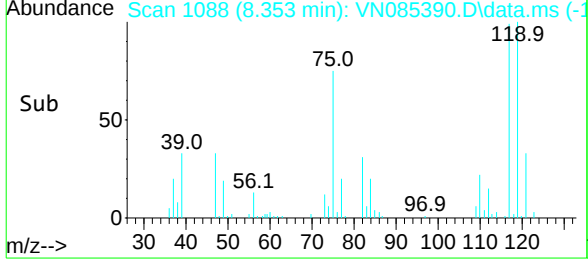
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



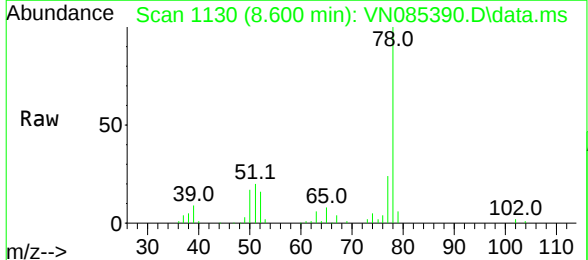
Tgt Ion: 117 Resp: 63272
Ion Ratio Lower Upper
117 100
119 100.5 71.6 107.4
121 32.9 23.5 35.3

Manual Integrations
APPROVED

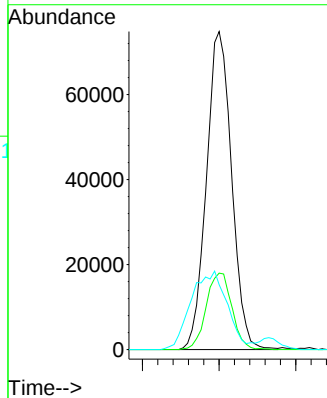
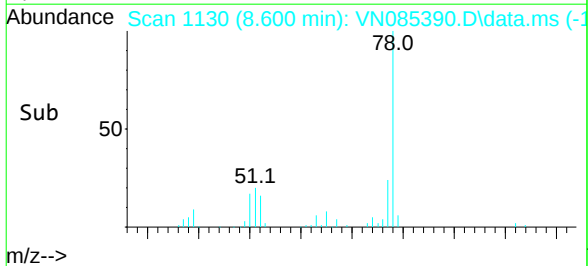
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

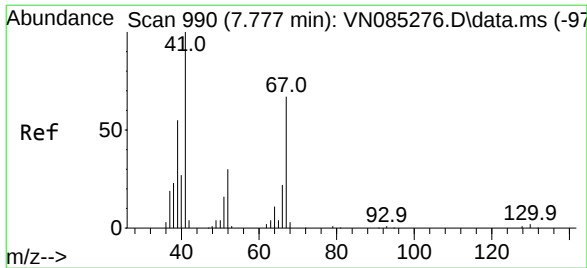


#34
Benzene
Concen: 20.851 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30



Tgt Ion: 78 Resp: 170861
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9
51 18.1 14.6 21.8





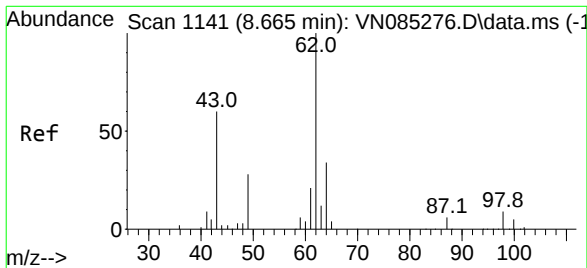
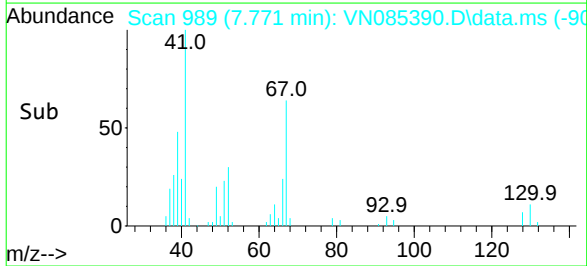
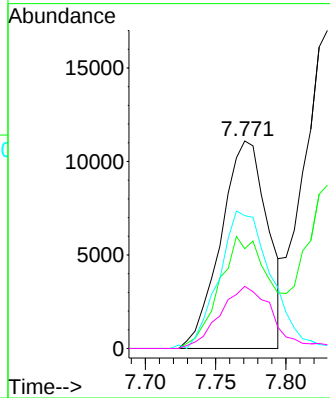
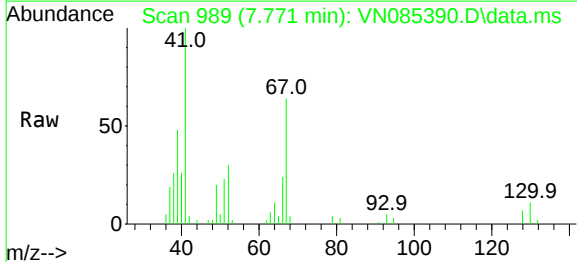
#35
Methacrylonitrile
Concen: 16.902 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	25603
Ion	Ratio	Lower	Upper
41	100		
39	48.1	26.7	80.0
67	62.3	32.5	97.5
52	29.9	13.3	39.9

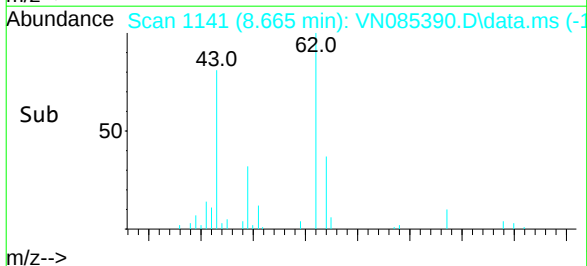
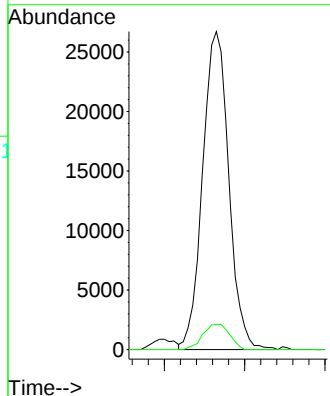
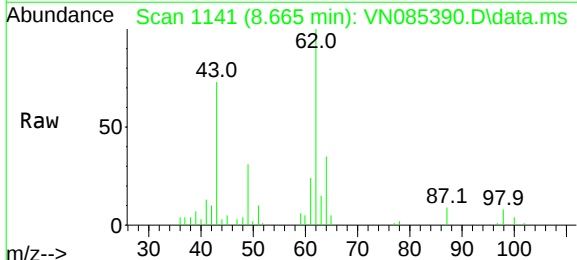
Manual Integrations
APPROVED

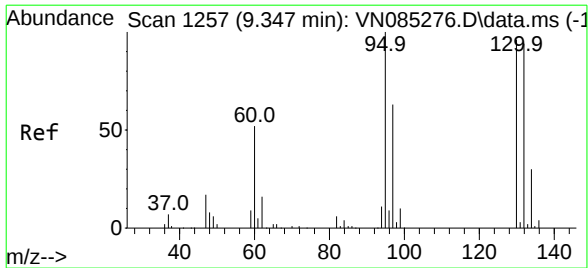
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#36
1,2-Dichloroethane
Concen: 20.387 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion:	62	Resp:	60409
Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.6	10.0





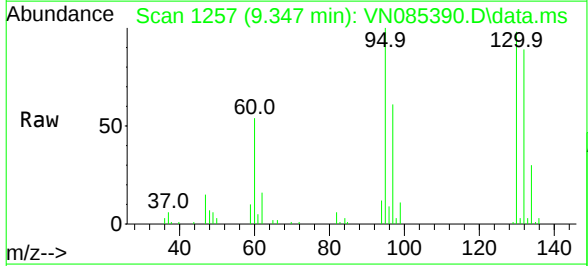
#37
 Trichloroethene
 Concen: 20.634 ug/l
 RT: 9.347 min Scan# 1257
 Delta R.T. -0.000 min
 Lab File: VN085390.D
 Acq: 07 Jan 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

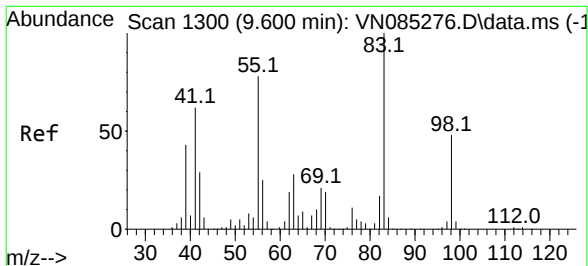
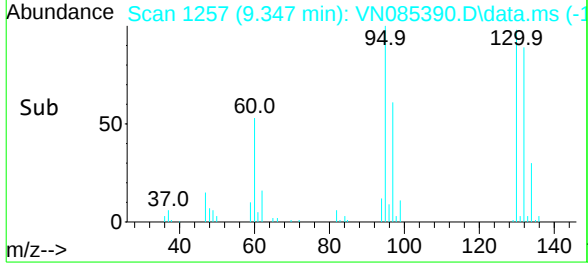
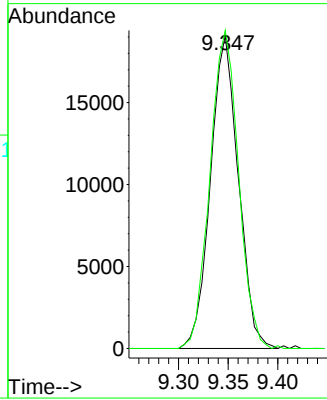
VSTDCCC020



Tgt Ion:130 Resp: 37201
 Ion Ratio Lower Upper
 130 100
 95 101.7 80.0 120.0

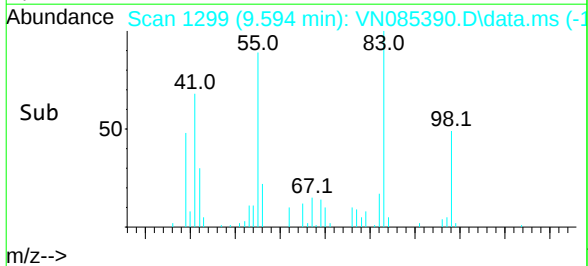
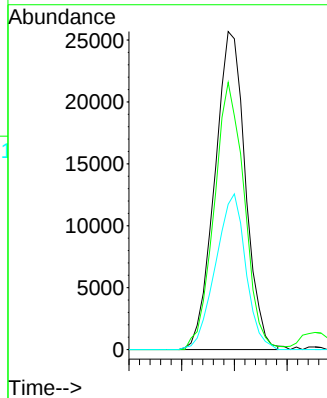
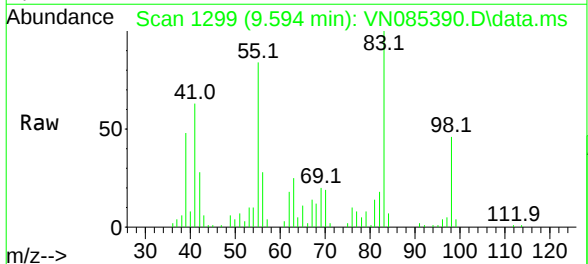
Manual Integrations
 APPROVED

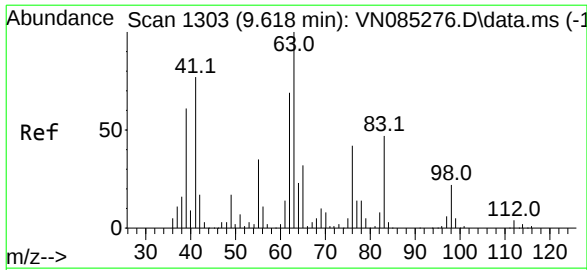
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



#38
 Methylcyclohexane
 Concen: 19.342 ug/l
 RT: 9.594 min Scan# 1299
 Delta R.T. -0.006 min
 Lab File: VN085390.D
 Acq: 07 Jan 2025 10:30

Tgt Ion: 83 Resp: 51887
 Ion Ratio Lower Upper
 83 100
 55 82.5 43.6 130.8
 98 48.2 24.2 72.6





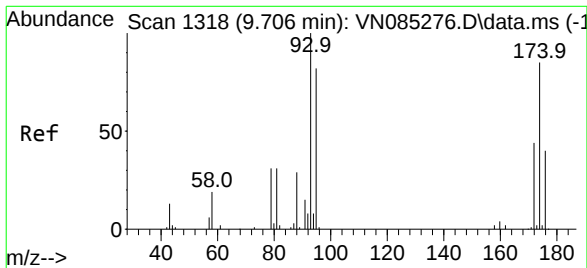
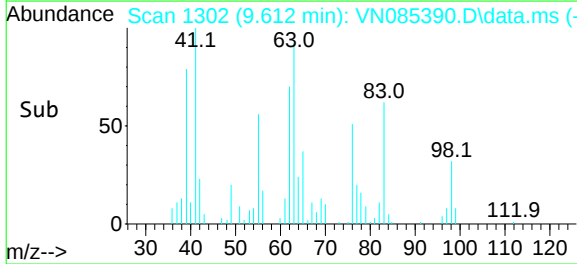
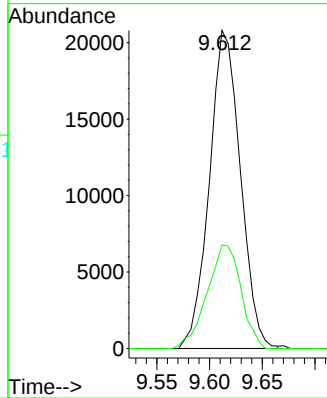
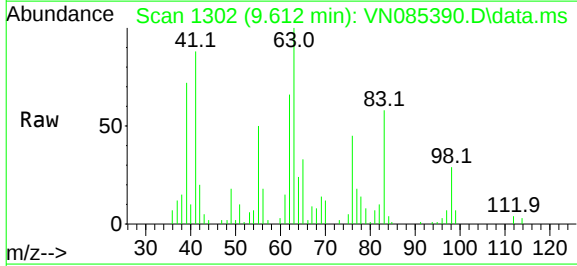
#39
1,2-Dichloropropane
Concen: 20.440 ug/l
RT: 9.612 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 42613
Ion Ratio Lower Upper
63 100
65 32.6 26.1 39.1

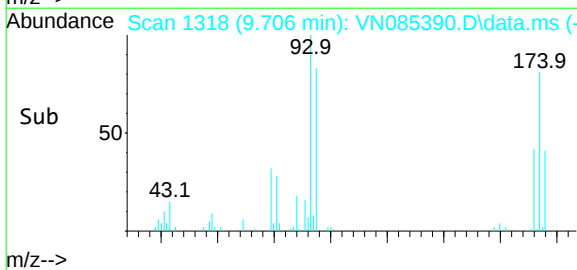
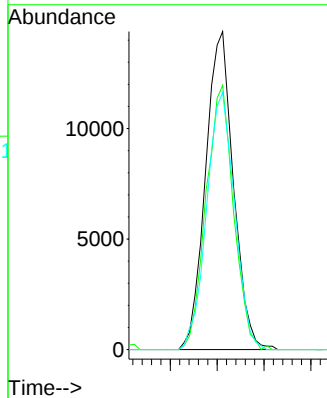
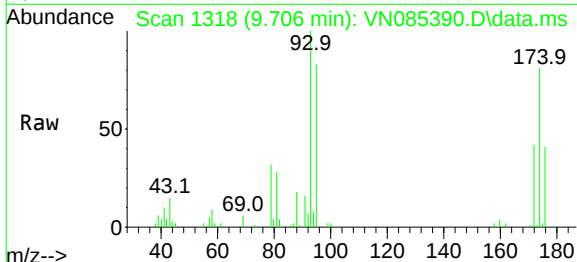
Manual Integrations
APPROVED

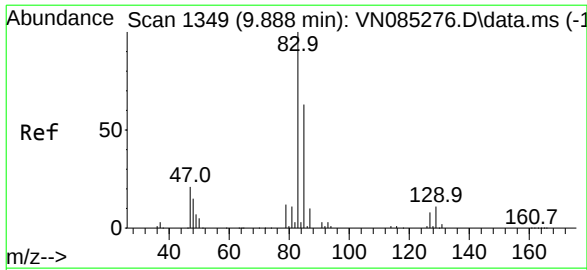
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#40
Dibromomethane
Concen: 20.410 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 93 Resp: 29667
Ion Ratio Lower Upper
93 100
95 81.9 0.0 167.6
174 81.3 0.0 171.0





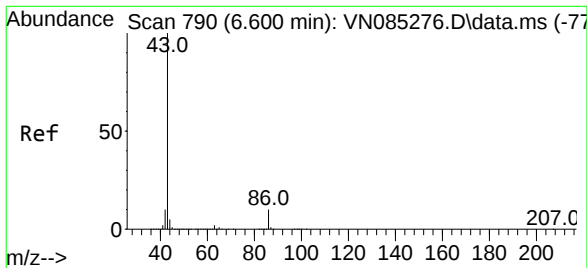
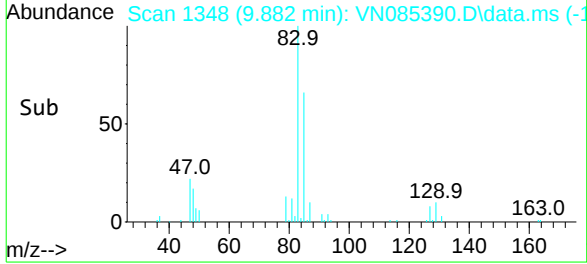
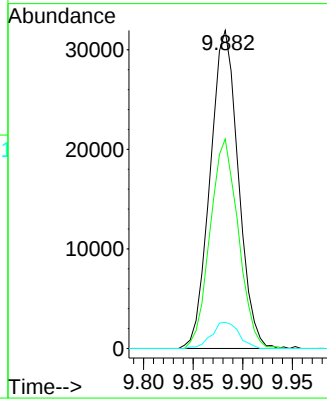
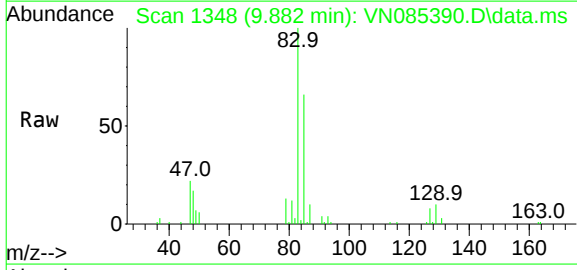
#41
Bromodichloromethane
Concen: 20.767 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 63085
Ion Ratio Lower Upper
83 100
85 65.9 50.1 75.1
127 8.2 5.8 8.6

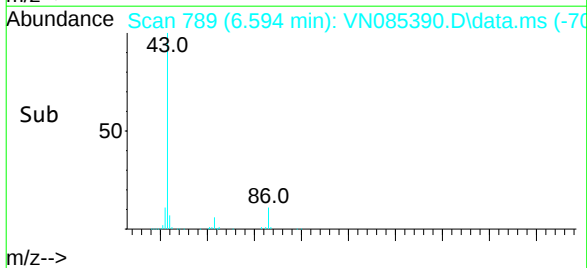
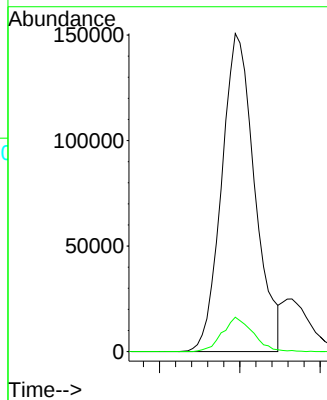
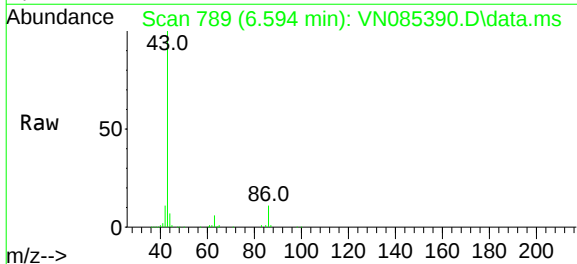
Manual Integrations
APPROVED

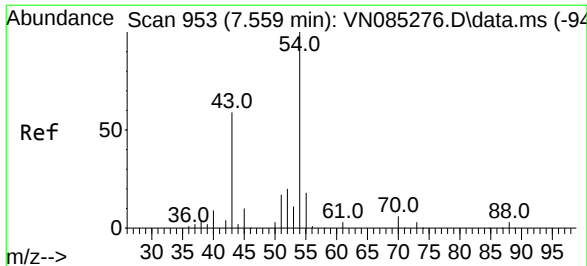
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#42
Vinyl Acetate
Concen: 89.286 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 43 Resp: 431274
Ion Ratio Lower Upper
43 100
86 9.9 7.9 11.9





#43

Ethyl Acetate

Concen: 17.882 ug/l

RT: 7.553 min Scan# 953

Delta R.T. -0.000 min

Lab File: VN085390.D

Acq: 07 Jan 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 50602

Ion Ratio Lower Upper

43 100

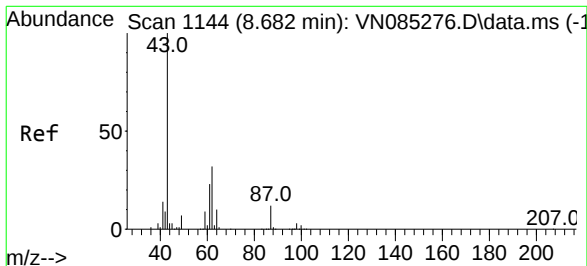
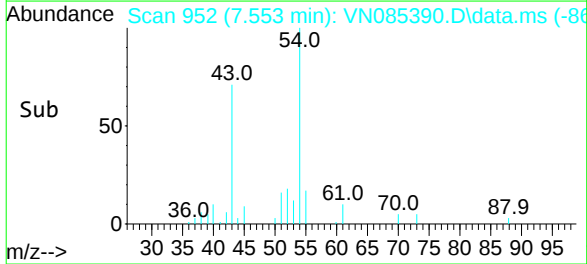
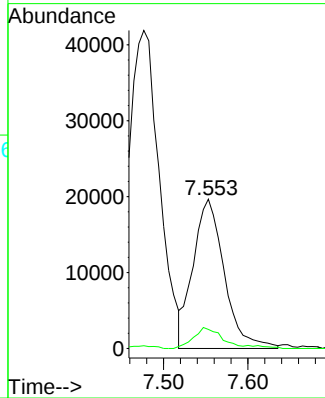
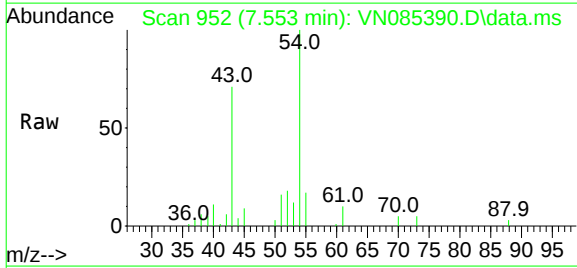
45 12.5 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#44

Isopropyl Acetate

Concen: 17.766 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN085390.D

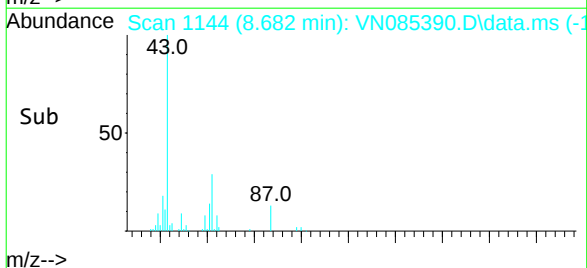
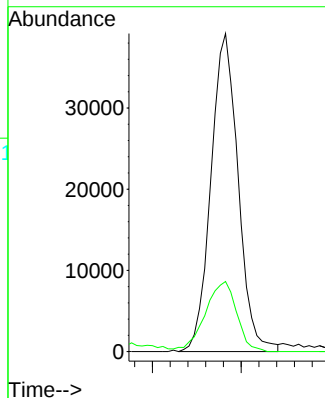
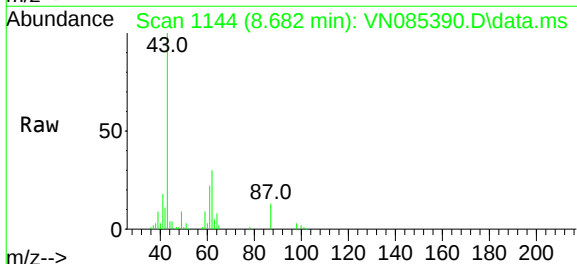
Acq: 07 Jan 2025 10:30

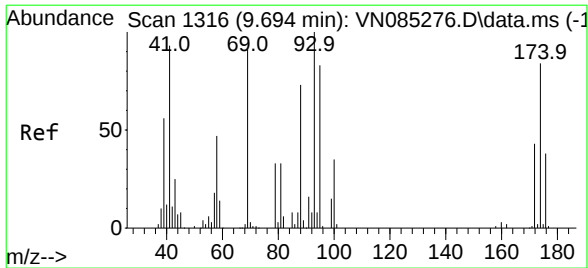
Tgt Ion: 43 Resp: 83519

Ion Ratio Lower Upper

43 100

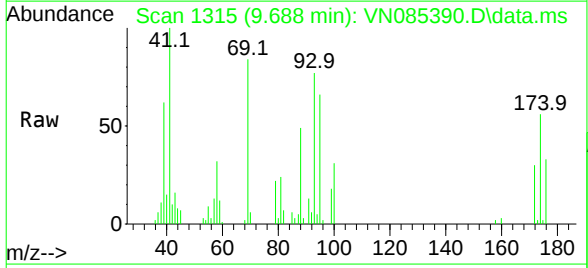
61 25.5 19.7 29.5





#45
1,4-Dioxane
Concen: 297.233 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

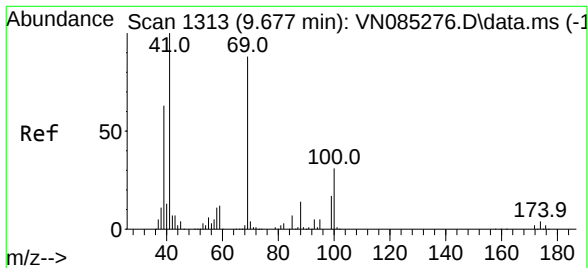
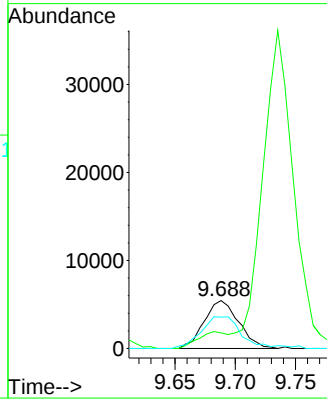
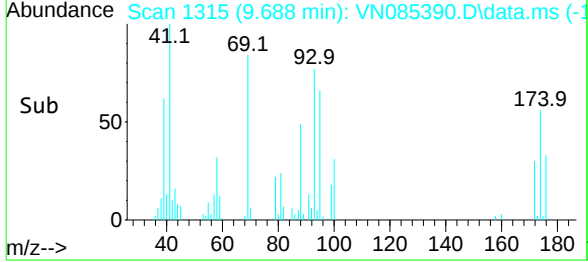
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



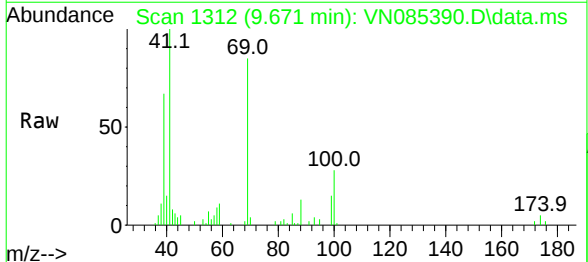
Tgt Ion: 88 Resp: 10868
Ion Ratio Lower Upper
88 100
43 30.2 25.4 38.2
58 75.1 58.5 87.7

Manual Integrations
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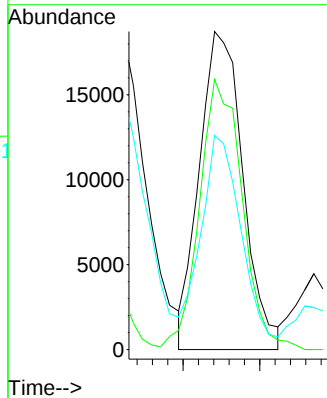
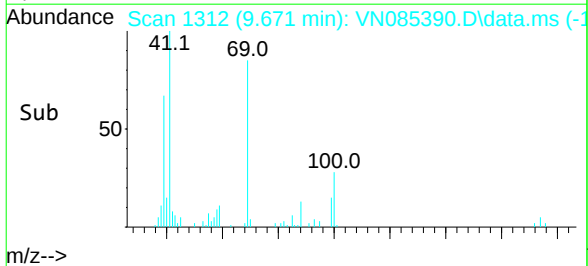
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

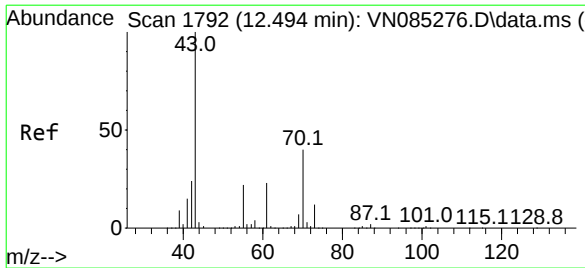


#46
Methyl methacrylate
Concen: 16.906 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.012 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30



Tgt Ion: 41 Resp: 36890
Ion Ratio Lower Upper
41 100
69 88.2 39.9 119.6
39 68.2 31.6 95.0





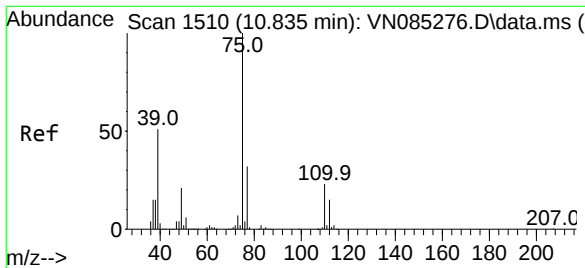
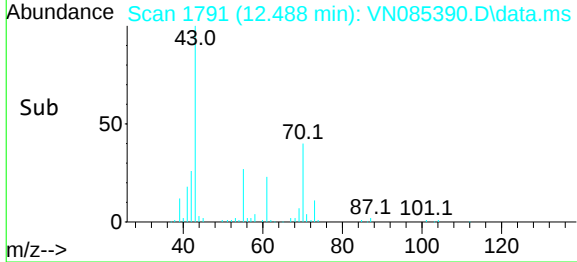
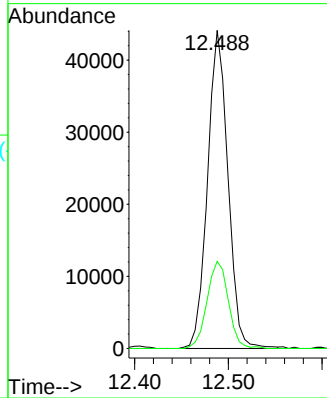
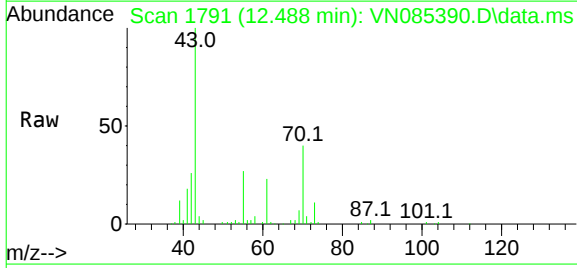
#47
n-amy1 Acetate
Concen: 16.664 ug/l
RT: 12.488 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 66733
Ion Ratio Lower Upper
43 100
55 28.5 21.3 31.9

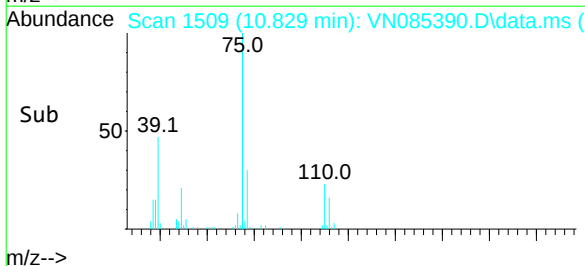
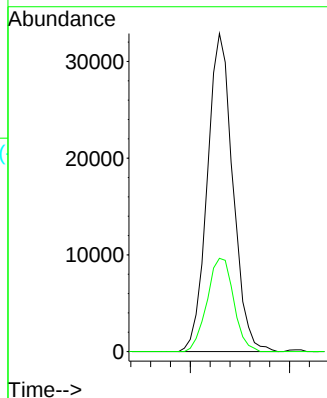
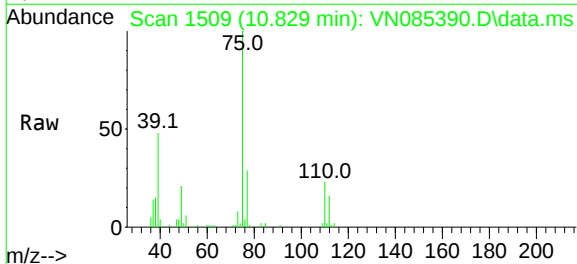
Manual Integrations
APPROVED

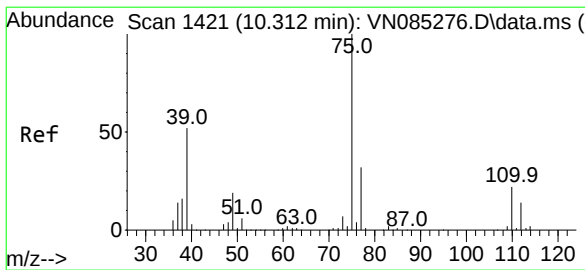
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#48
t-1,3-Dichloropropene
Concen: 19.615 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

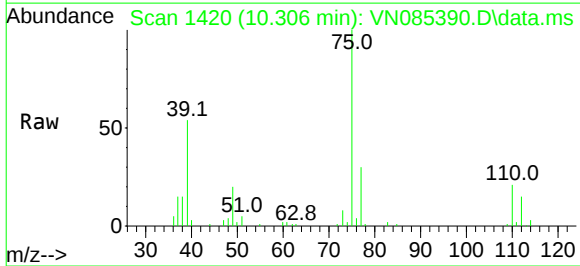
Tgt Ion: 75 Resp: 58855
Ion Ratio Lower Upper
75 100
77 29.3 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.683 ug/l
 RT: 10.306 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN085390.D
 Acq: 07 Jan 2025 10:30

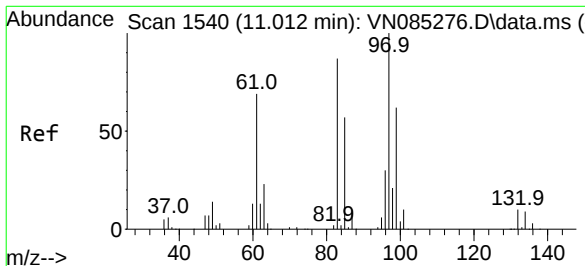
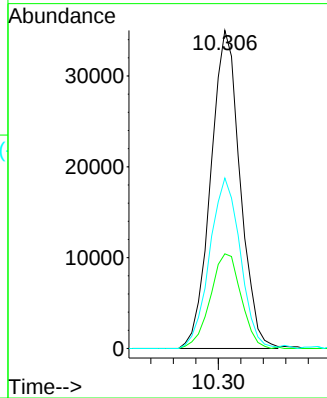
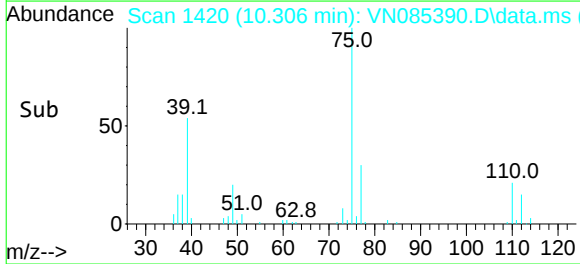
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 75 Resp: 63493
 Ion Ratio Lower Upper
 75 100
 77 29.8 26.6 40.0
 39 53.6 41.9 62.9

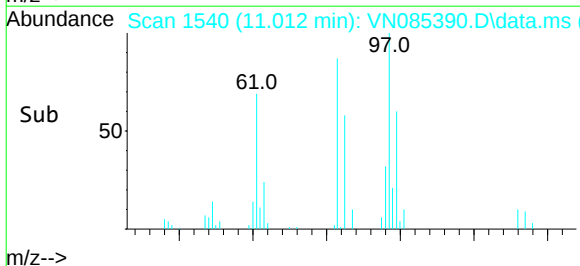
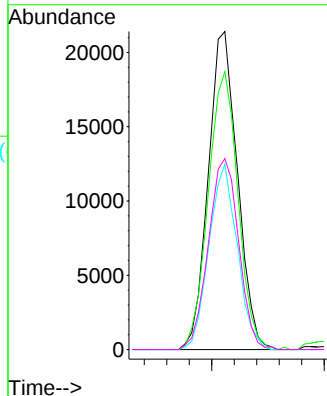
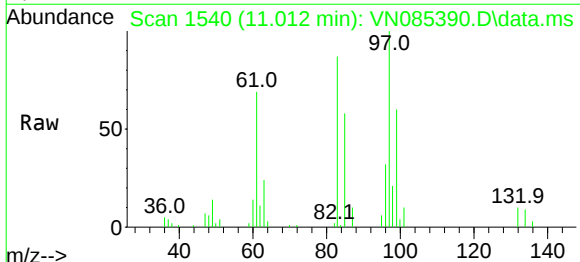
Manual Integrations
 APPROVED

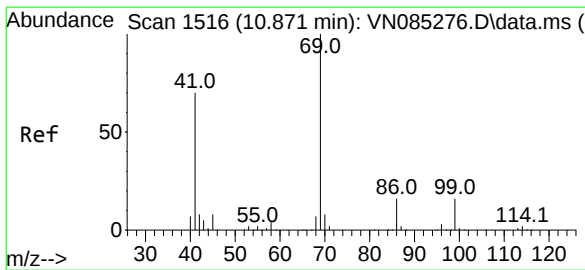
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



#50
 1,1,2-Trichloroethane
 Concen: 20.358 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN085390.D
 Acq: 07 Jan 2025 10:30

Tgt Ion: 97 Resp: 38701
 Ion Ratio Lower Upper
 97 100
 83 87.4 72.2 108.2
 85 58.3 46.6 70.0
 99 60.1 51.4 77.0





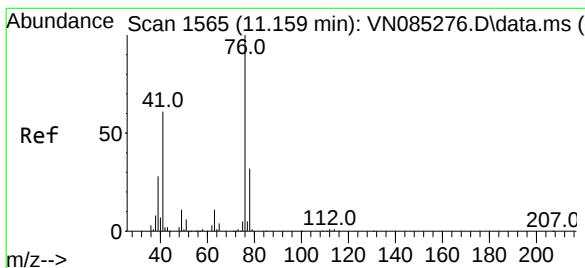
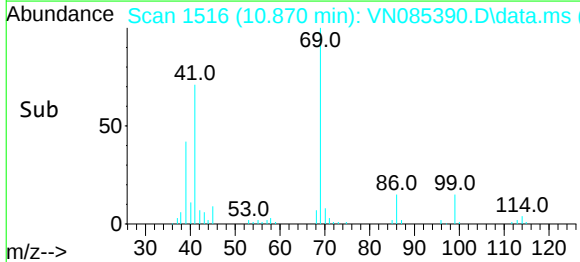
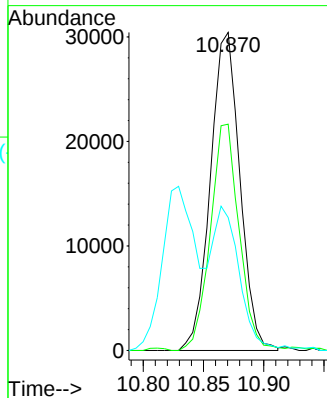
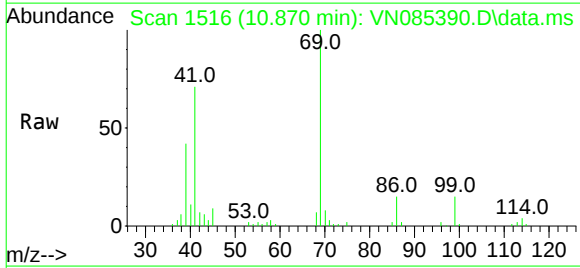
#51
Ethyl methacrylate
Concen: 18.022 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.2	38.1	114.5
39	40.9	24.1	72.2

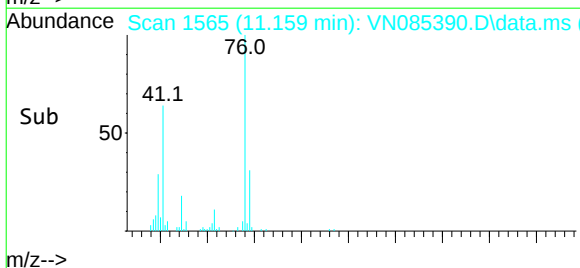
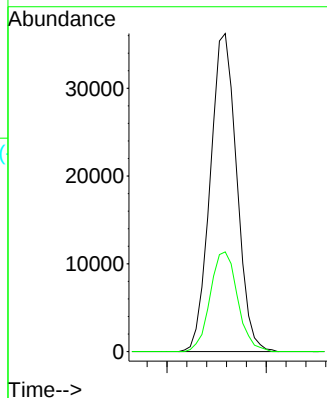
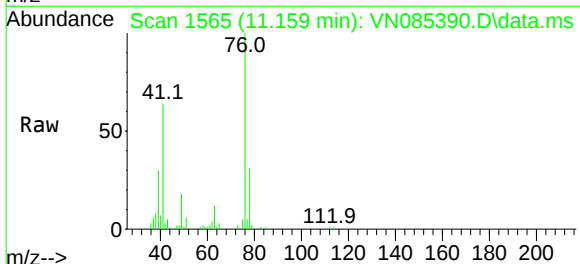
Manual Integrations
APPROVED

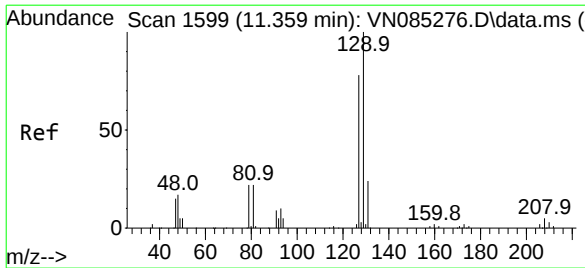
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#52
1,3-Dichloropropane
Concen: 20.281 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	66.2





#53

Dibromochloromethane

Concen: 20.575 ug/l

RT: 11.353 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VN085390.D

Acq: 07 Jan 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:129 Resp: 45829

Ion Ratio Lower Upper

129 100

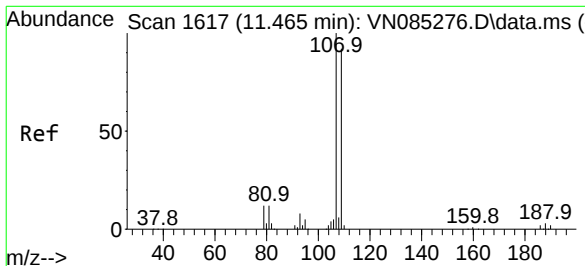
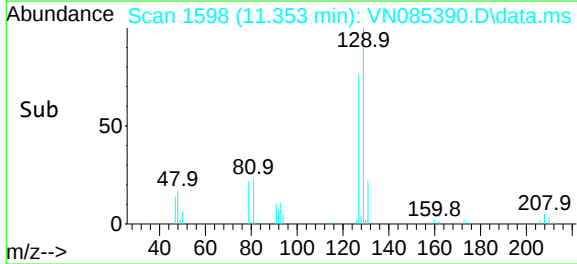
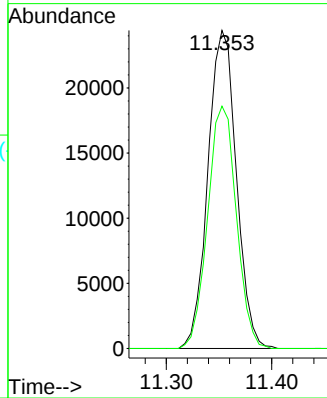
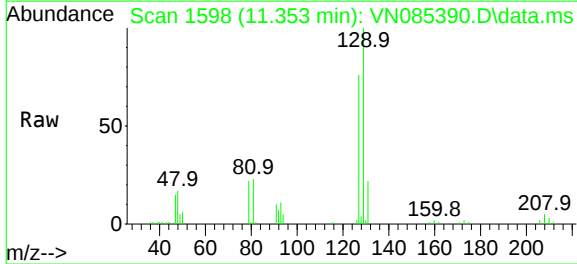
127 76.8 38.1 114.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#54

1,2-Dibromoethane

Concen: 19.808 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VN085390.D

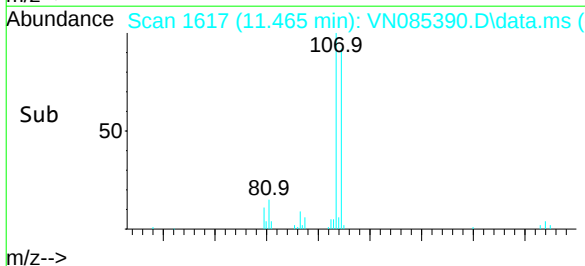
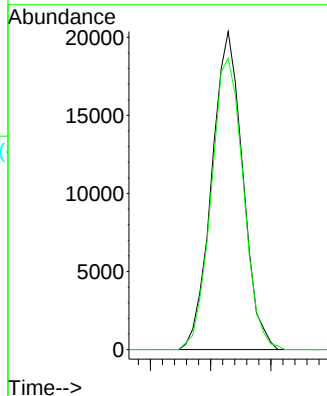
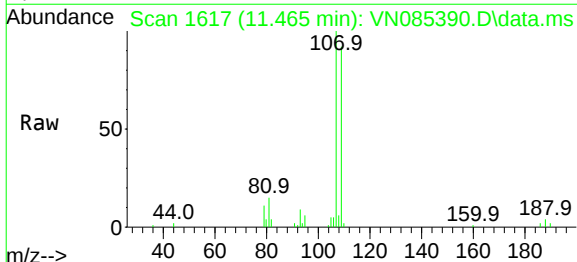
Acq: 07 Jan 2025 10:30

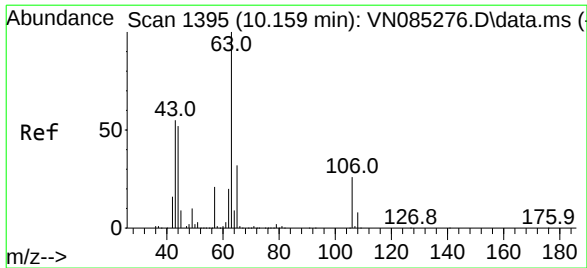
Tgt Ion:107 Resp: 36440

Ion Ratio Lower Upper

107 100

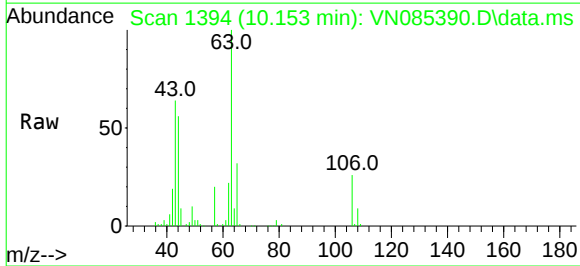
109 95.0 76.2 114.4





#55
2-Chloroethyl vinyl ether
Concen: 84.891 ug/l
RT: 10.153 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

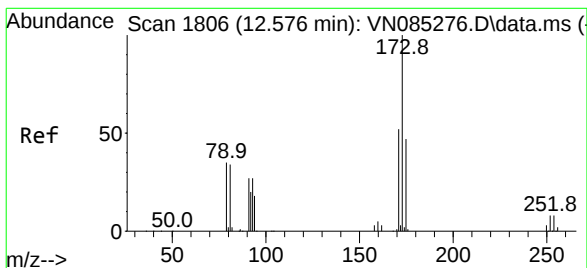
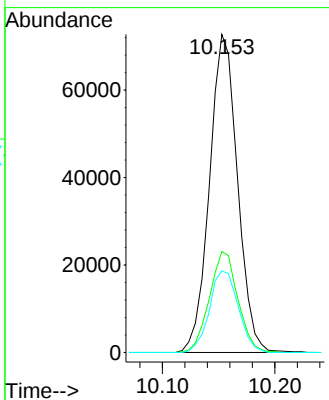
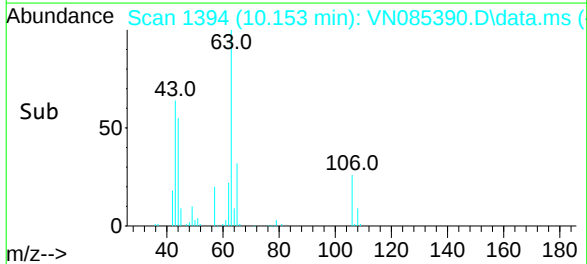
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



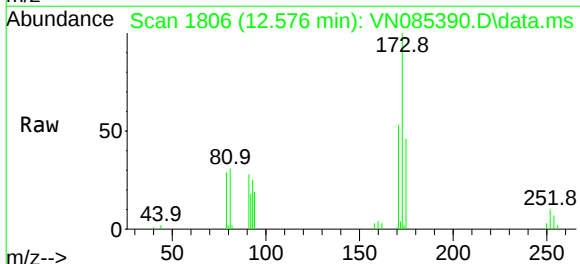
Tgt Ion: 63 Resp: 125727
Ion Ratio Lower Upper
63 100
65 32.2 25.9 38.9
106 26.5 21.2 31.8

Manual Integrations
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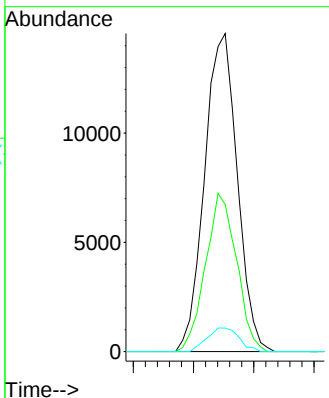
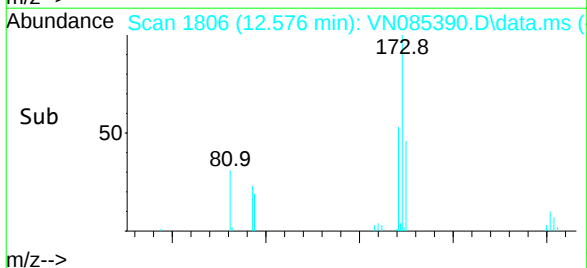
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

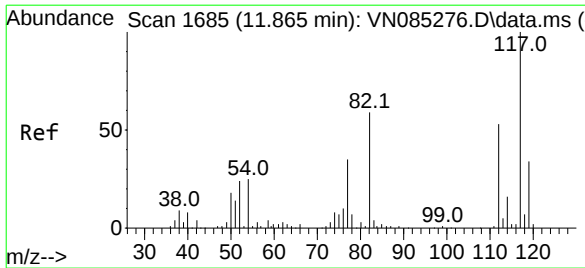


#56
Bromoform
Concen: 18.894 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30



Tgt Ion:173 Resp: 27455
Ion Ratio Lower Upper
173 100
175 47.2 39.4 59.2
254 7.3 7.2 10.8





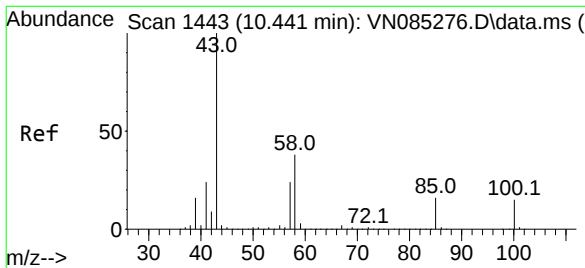
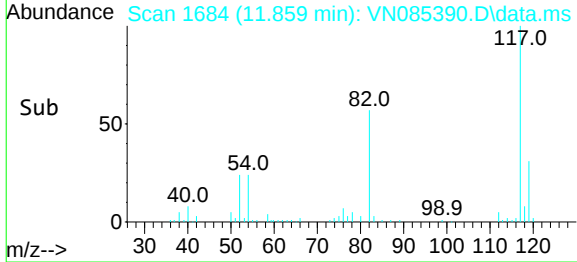
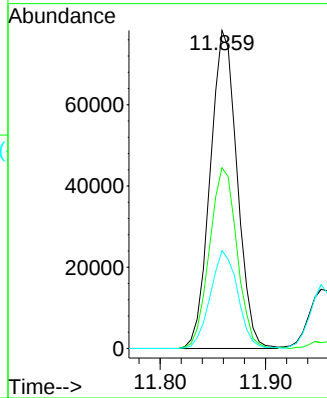
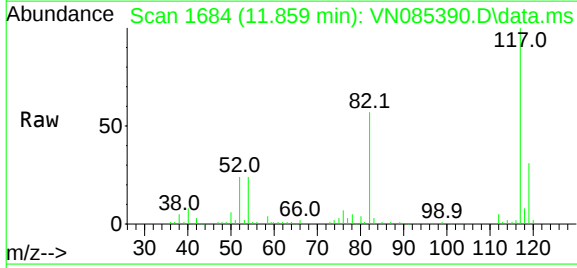
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 139056
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.0
119 31.2 25.3 37.9

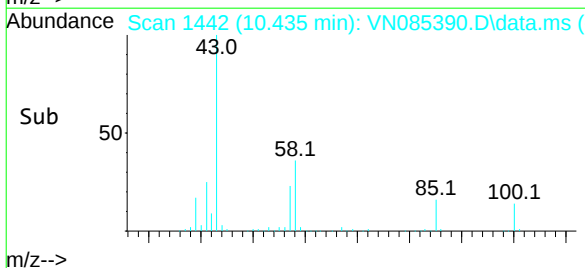
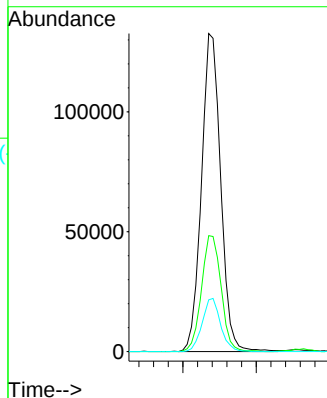
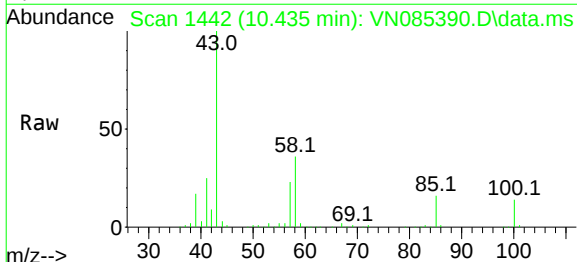
Manual Integrations
APPROVED

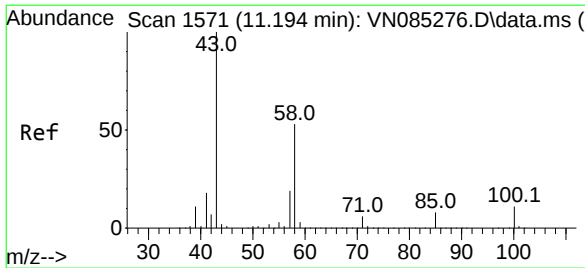
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#58
4-Methyl-2-Pentanone
Concen: 85.654 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 43 Resp: 241460
Ion Ratio Lower Upper
43 100
58 37.0 29.2 43.8
85 16.0 12.8 19.2





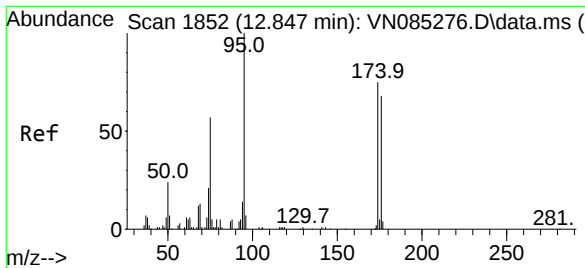
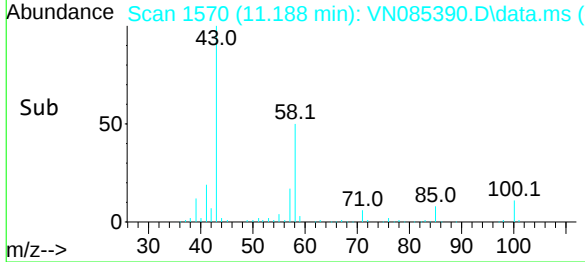
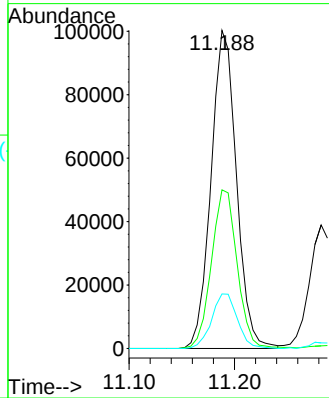
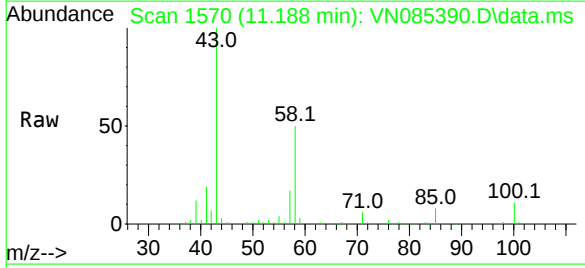
#59
2-Hexanone
Concen: 82.154 ug/l
RT: 11.188 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 168242
Ion Ratio Lower Upper
43 100
58 50.5 40.2 60.4
57 17.4 14.2 21.4

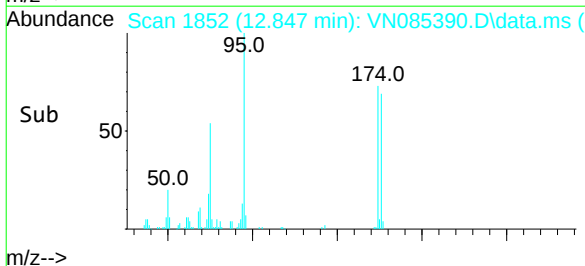
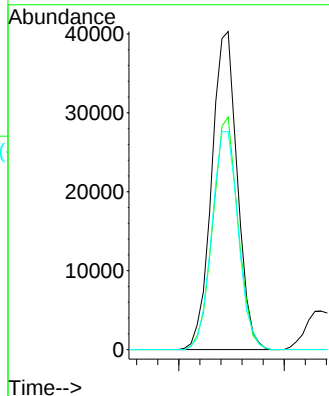
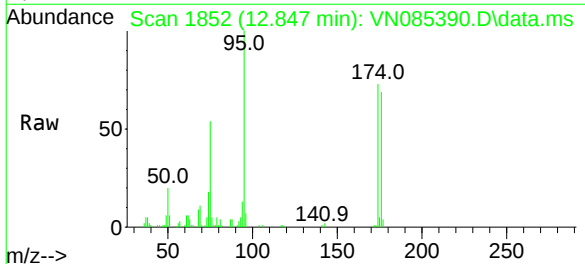
Manual Integrations
APPROVED

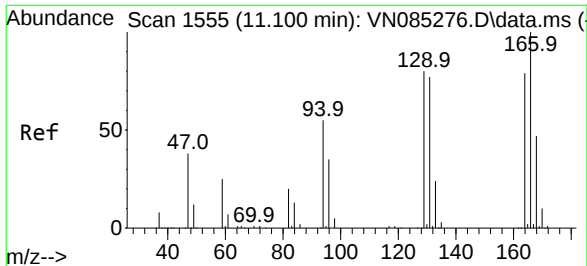
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#60
4-Bromofluorobenzene
Concen: 30.262 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

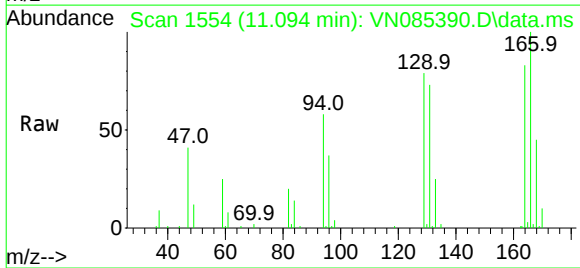
Tgt Ion: 95 Resp: 68164
Ion Ratio Lower Upper
95 100
174 71.9 57.8 86.8
176 70.6 57.1 85.7





#61
Tetrachloroethene
Concen: 22.363 ug/l
RT: 11.094 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

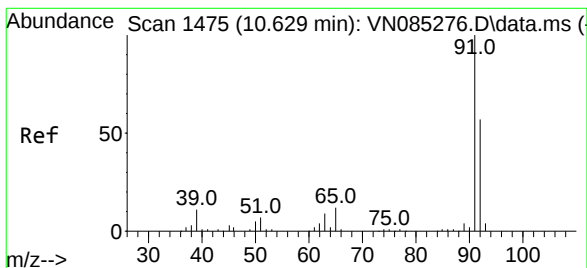
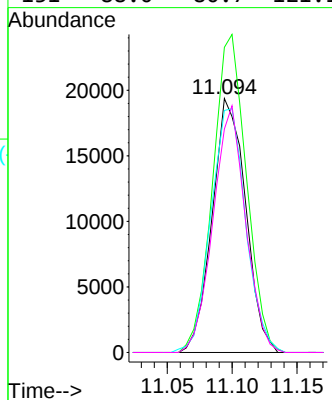
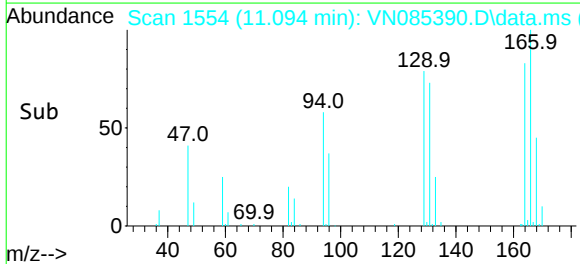
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 34715
Ion Ratio Lower Upper
164 100
166 120.1 109.0 163.4
129 94.0 85.1 127.7
131 88.0 80.7 121.1

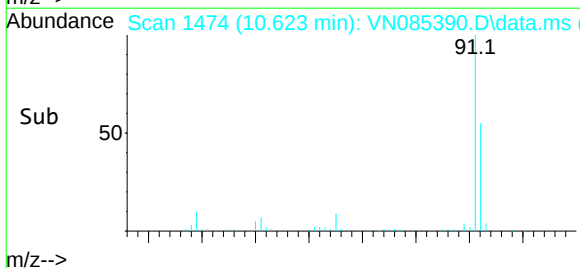
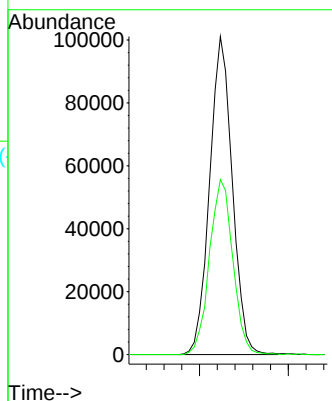
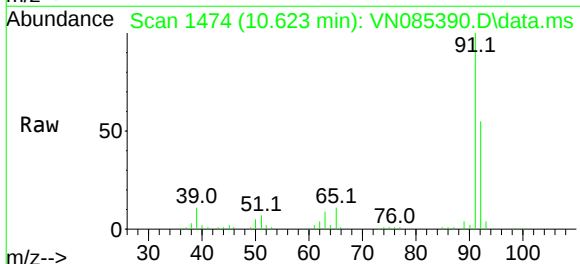
Manual Integrations
APPROVED

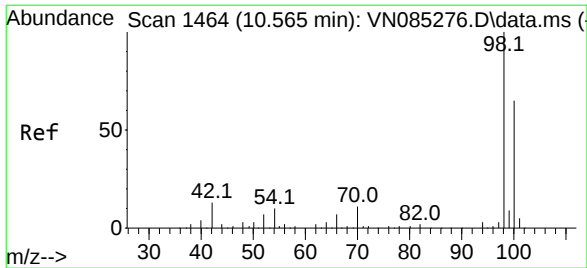
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#62
Toluene
Concen: 21.006 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 91 Resp: 179455
Ion Ratio Lower Upper
91 100
92 56.7 45.9 68.9





#63

Toluene-d8

Concen: 30.829 ug/l

RT: 10.559 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN085390.D

Acq: 07 Jan 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 98 Resp: 209330

Ion Ratio Lower Upper

98 100

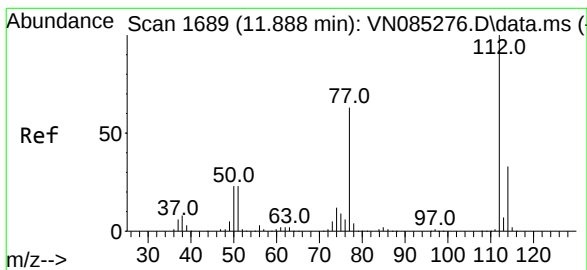
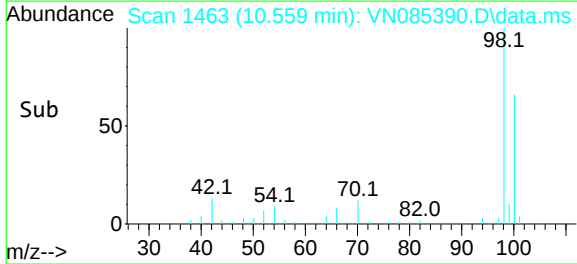
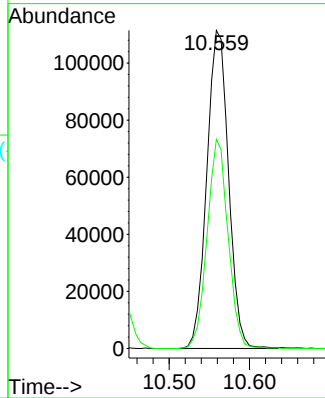
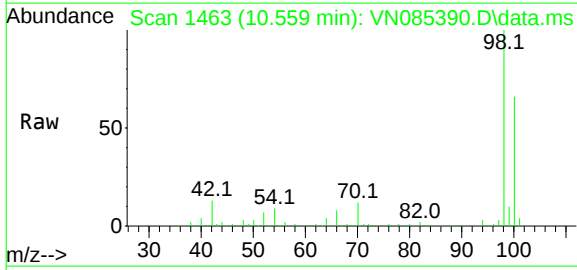
100 63.3 50.8 76.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#64

Chlorobenzene

Concen: 20.963 ug/l

RT: 11.882 min Scan# 1688

Delta R.T. -0.006 min

Lab File: VN085390.D

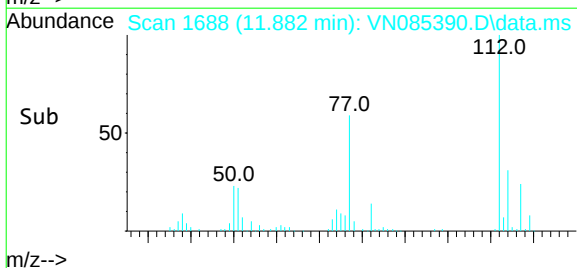
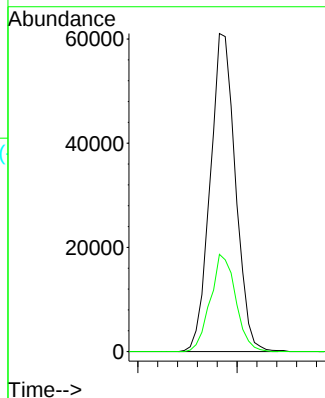
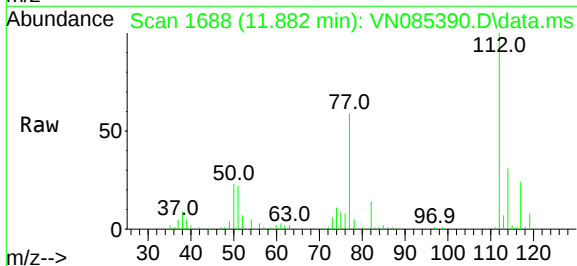
Acq: 07 Jan 2025 10:30

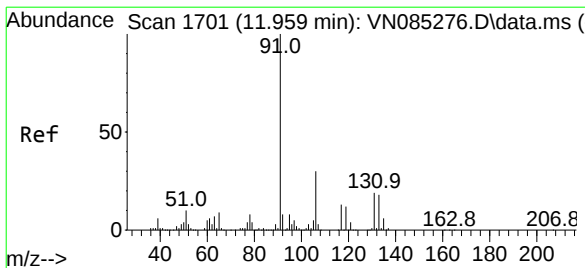
Tgt Ion:112 Resp: 108011

Ion Ratio Lower Upper

112 100

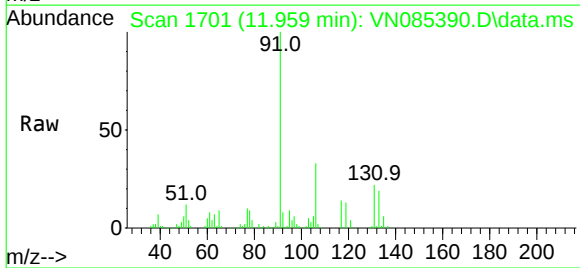
114 30.6 26.4 39.6





#65
1,1,1,2-Tetrachloroethane
Concen: 21.778 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

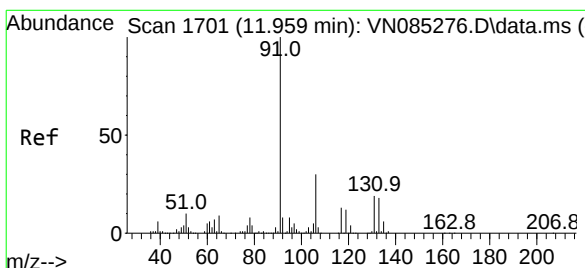
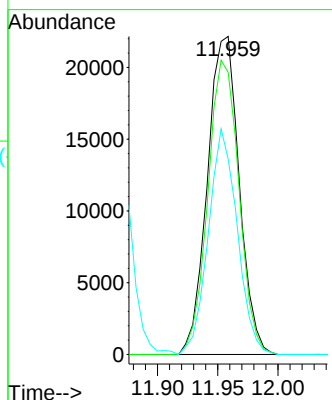
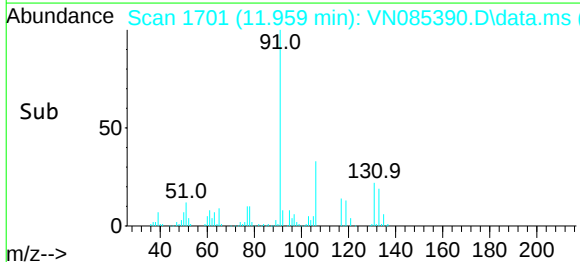
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 131 Resp: 40694
Ion Ratio Lower Upper
131 100
133 90.4 0.0 189.4
119 64.5 0.0 135.0

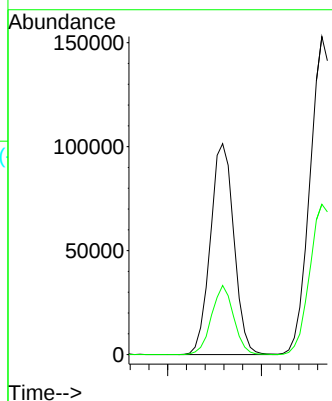
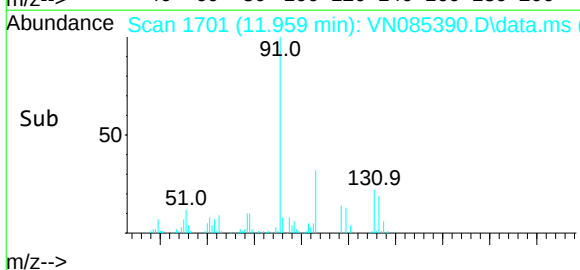
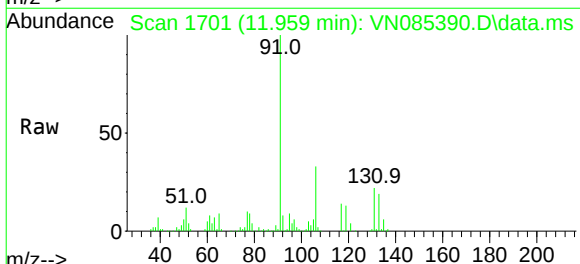
Manual Integrations
APPROVED

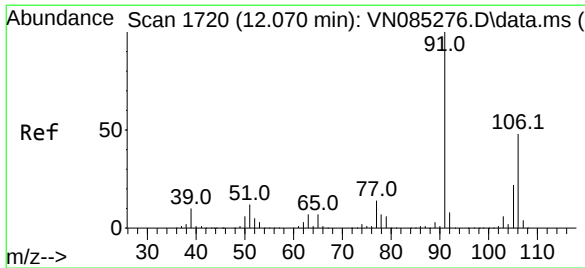
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#66
Ethyl Benzene
Concen: 19.715 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 91 Resp: 177225
Ion Ratio Lower Upper
91 100
106 32.8 23.2 34.8





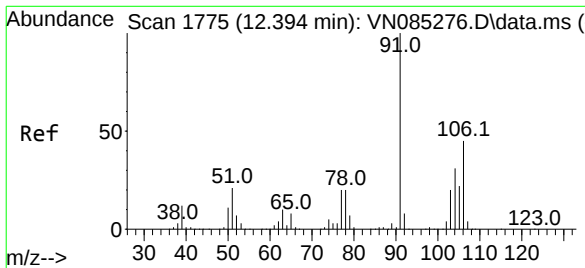
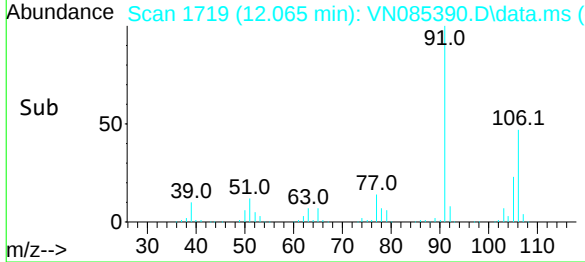
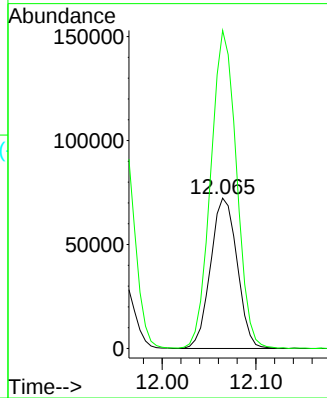
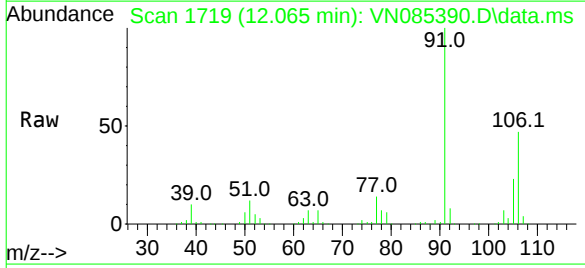
#67
m/p-Xylenes
Concen: 42.287 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 142605
Ion Ratio Lower Upper
106 100
91 205.1 167.0 250.4

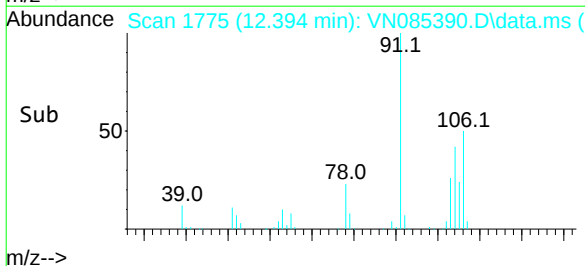
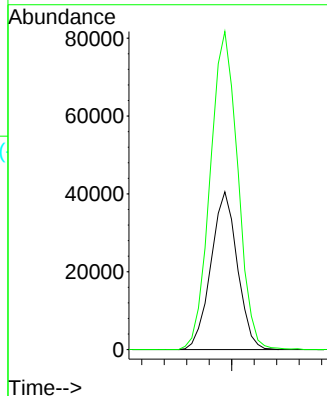
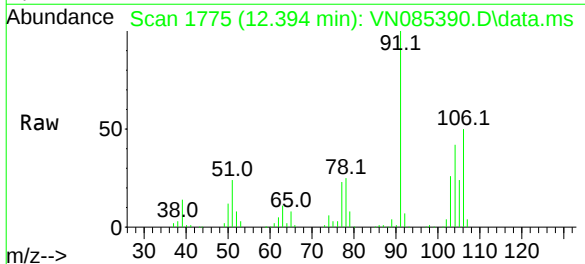
Manual Integrations
APPROVED

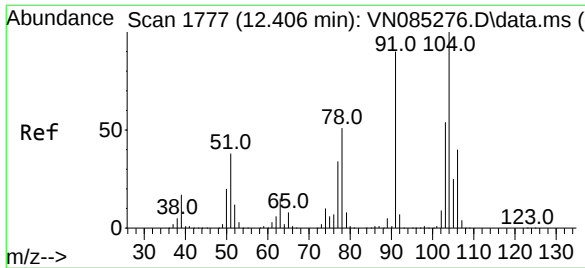
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#68
o-Xylene
Concen: 20.599 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion:106 Resp: 66170
Ion Ratio Lower Upper
106 100
91 210.3 110.6 331.8





#69

Styrene

Concen: 20.360 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN085390.D

Acq: 07 Jan 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

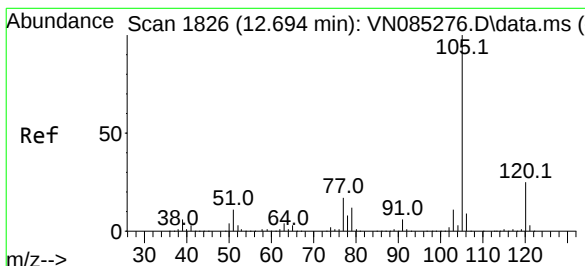
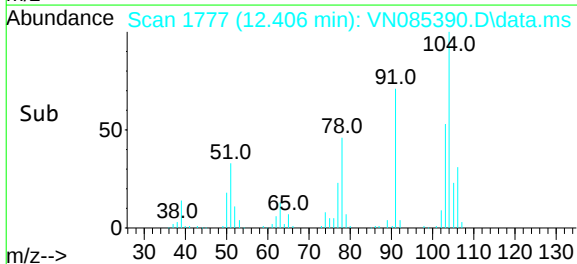
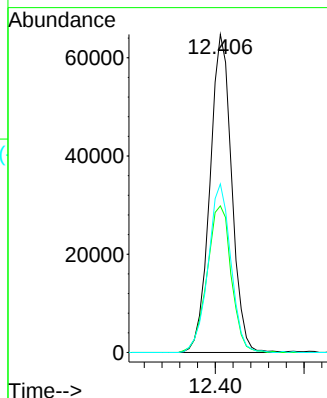
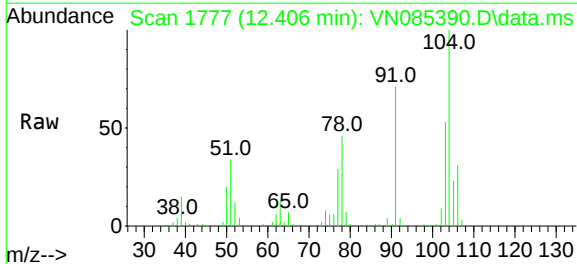
Tgt Ion:	104	Resp:	110527
Ion Ratio	Lower	Upper	
104	100		
78	51.1	41.0	61.4
103	55.2	44.8	67.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#70

Isopropylbenzene

Concen: 20.249 ug/l

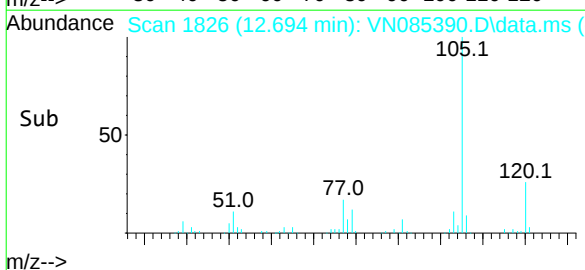
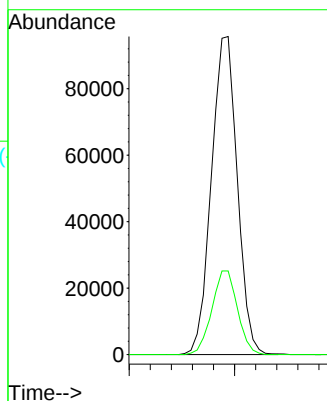
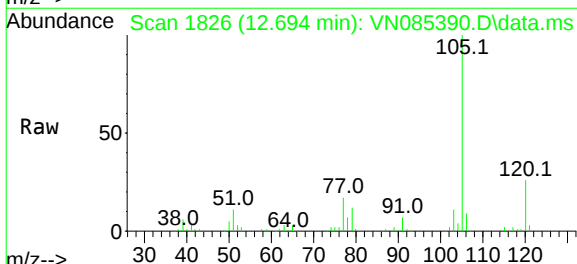
RT: 12.694 min Scan# 1826

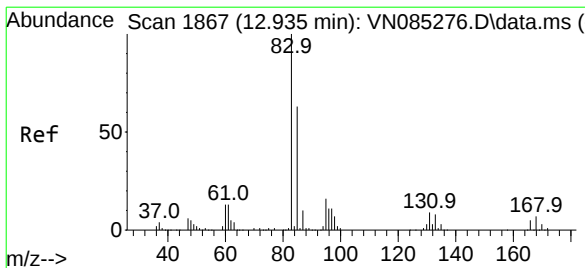
Delta R.T. 0.000 min

Lab File: VN085390.D

Acq: 07 Jan 2025 10:30

Tgt Ion:	105	Resp:	163324
Ion Ratio	Lower	Upper	
105	100		
120	26.0	18.4	34.2





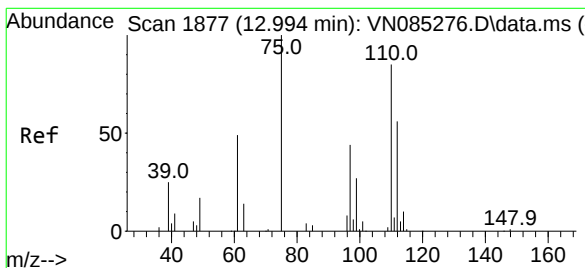
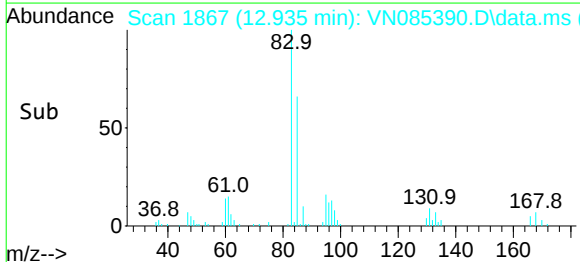
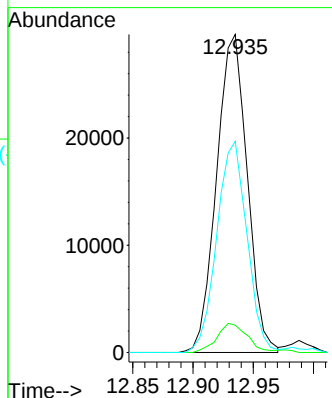
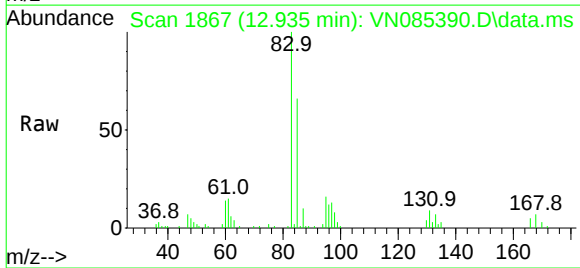
#71
1,1,2,2-Tetrachloroethane
Concen: 18.376 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.0	5.0	15.0
85	65.3	33.0	98.9

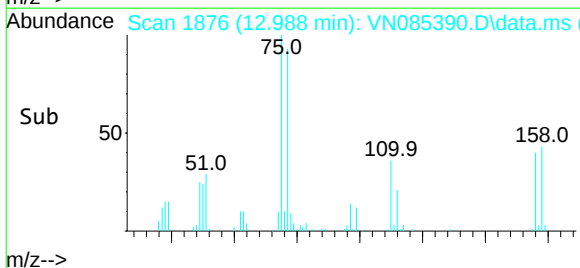
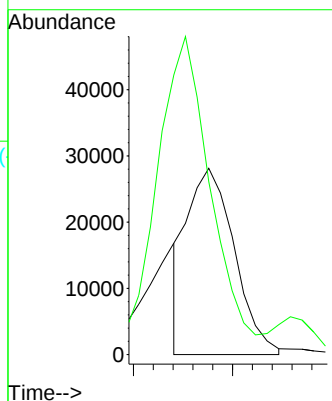
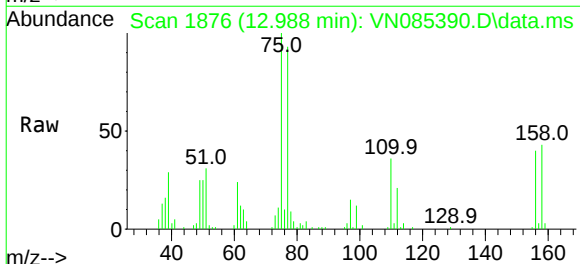
Manual Integrations
APPROVED

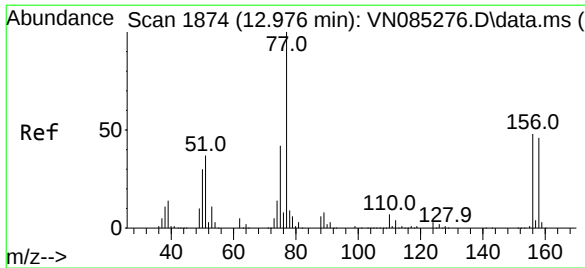
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#72
1,2,3-Trichloropropane
Concen: 19.123 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	195.2	0.0	407.2





#73

Bromobenzene

Concen: 20.551 ug/l

RT: 12.976 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085390.D

Acq: 07 Jan 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

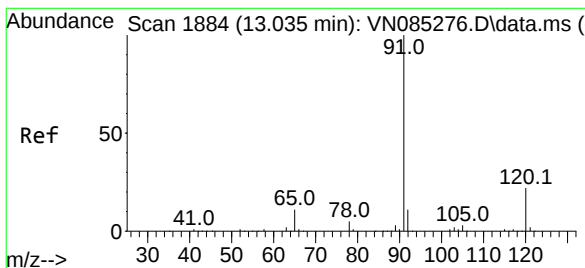
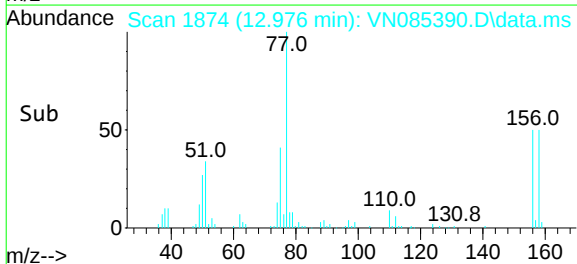
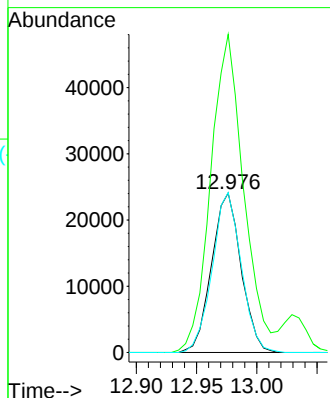
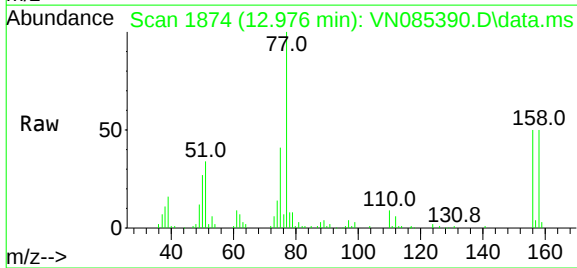
Tgt Ion:	156	Resp:	40951
Ion Ratio	Lower	Upper	
156	100		
77	221.9	0.0	462.6
158	98.7	0.0	186.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#74

n-propylbenzene

Concen: 20.142 ug/l

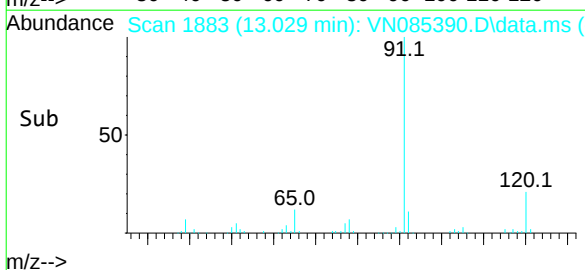
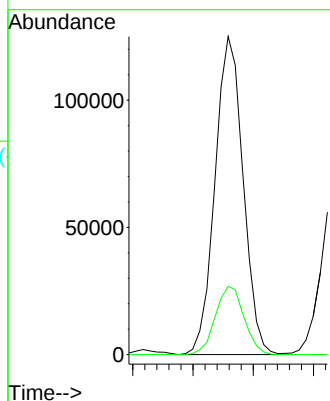
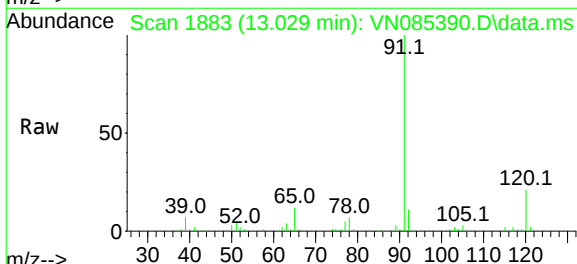
RT: 13.029 min Scan# 1883

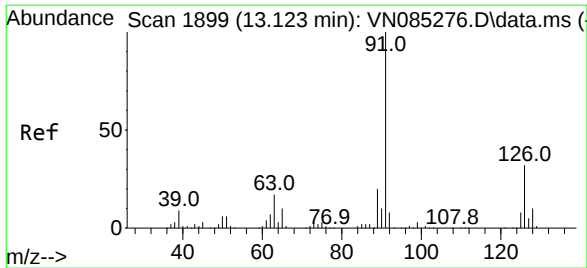
Delta R.T. -0.006 min

Lab File: VN085390.D

Acq: 07 Jan 2025 10:30

Tgt Ion:	91	Resp:	202400
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	41.4





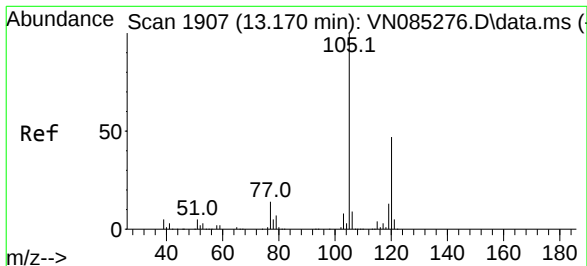
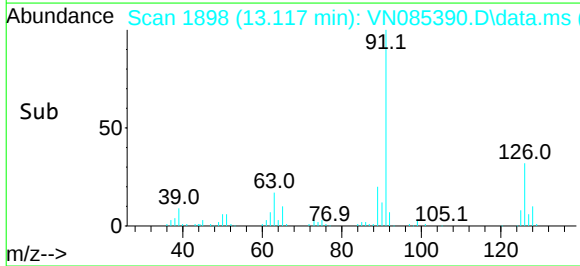
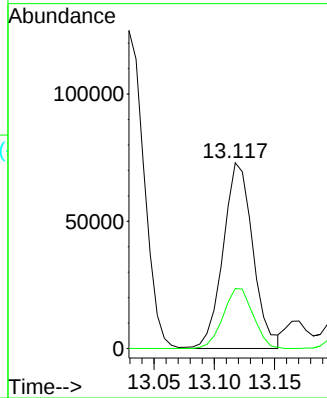
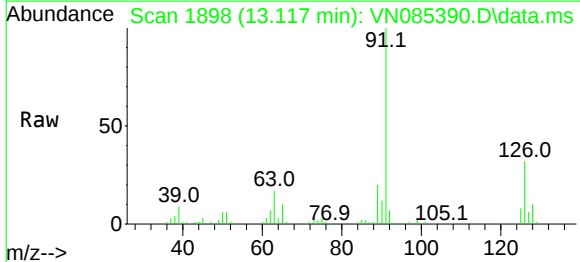
#75
2-Chlorotoluene
Concen: 20.771 ug/l
RT: 13.117 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 125738
Ion Ratio Lower Upper
91 100
126 32.4 0.0 65.0

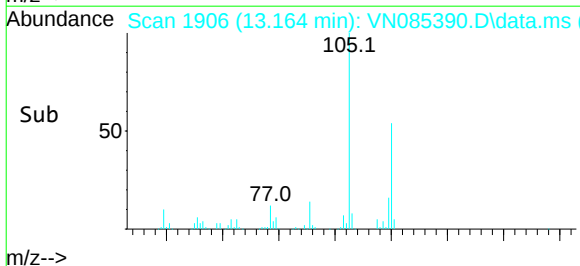
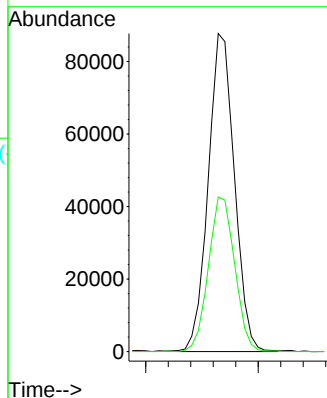
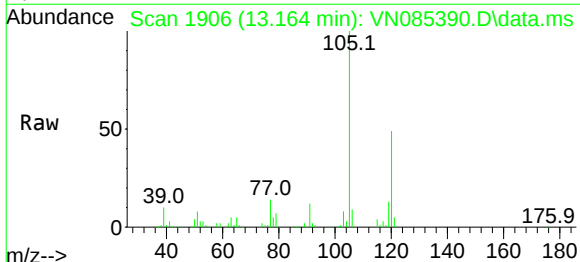
Manual Integrations
APPROVED

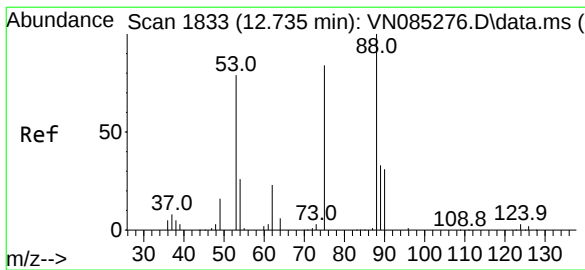
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.616 ug/l
RT: 13.164 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion:105 Resp: 141887
Ion Ratio Lower Upper
105 100
120 48.8 0.0 95.0





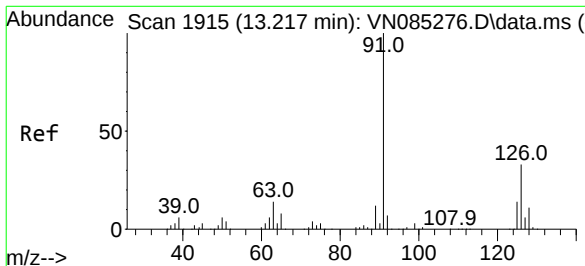
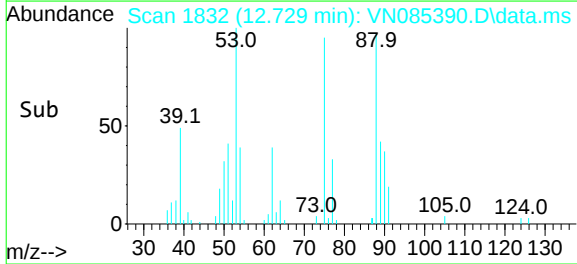
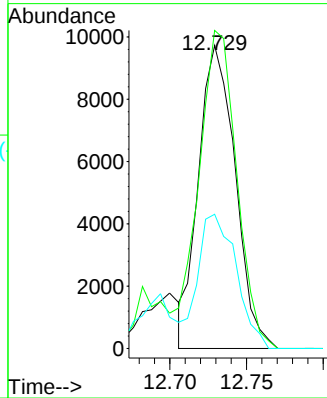
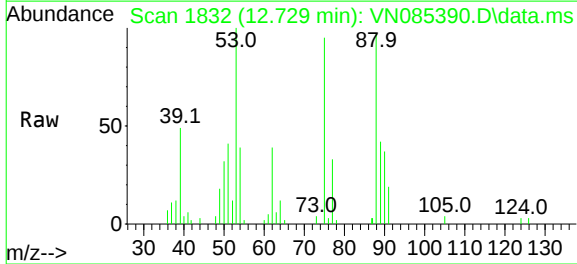
#77
t-1,4-Dichloro-2-butene
Concen: 16.282 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	105.0	54.9	164.5
89	44.3	22.8	68.3

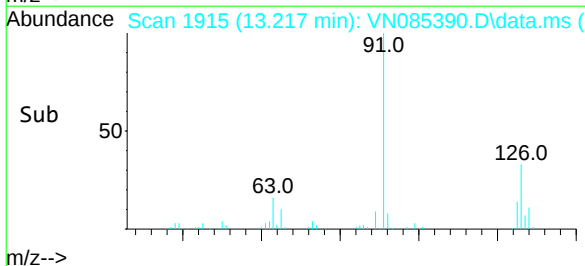
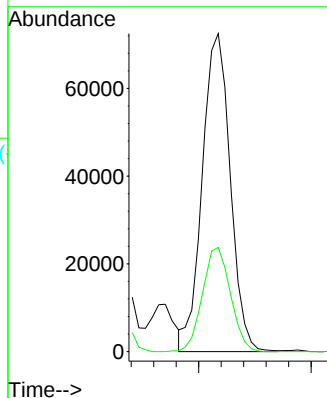
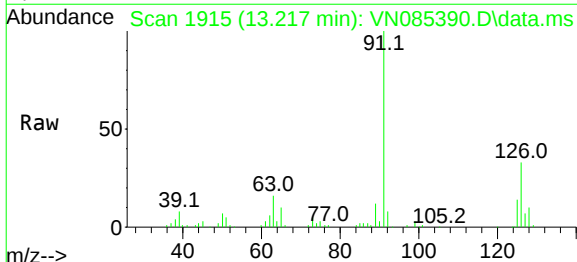
Manual Integrations
APPROVED

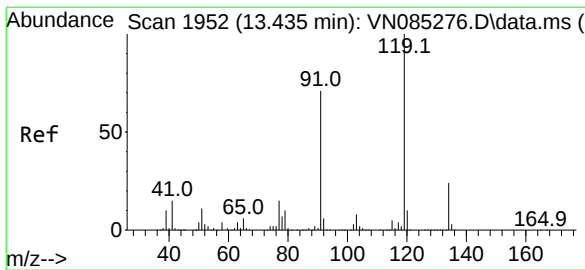
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#78
4-Chlorotoluene
Concen: 20.343 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	0.0	63.6





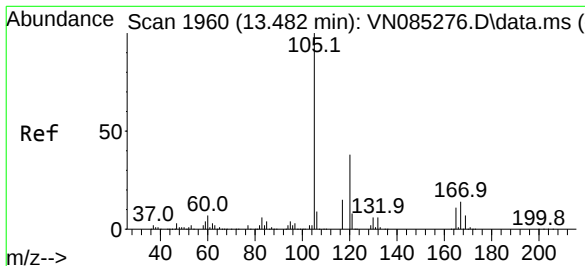
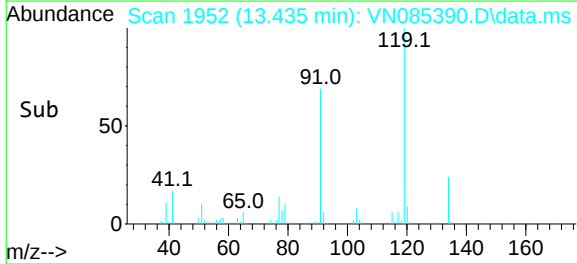
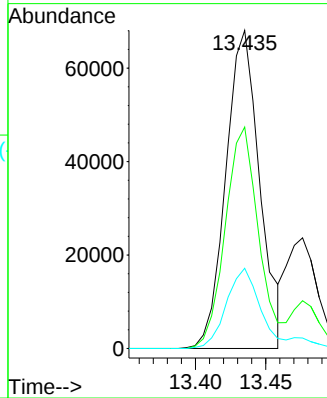
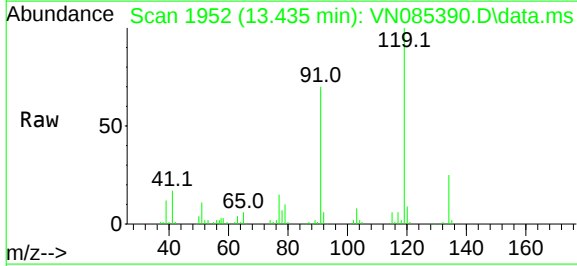
#79
tert-butylbenzene
Concen: 20.328 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 114419
Ion Ratio Lower Upper
119 100
91 67.7 0.0 142.0
134 25.0 0.0 49.0

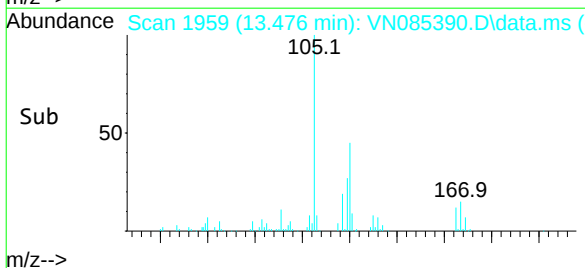
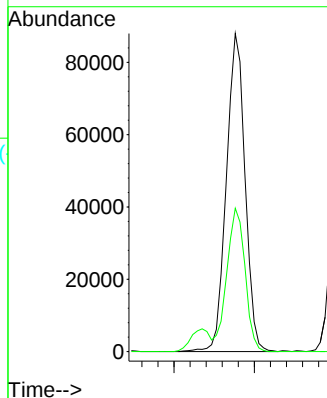
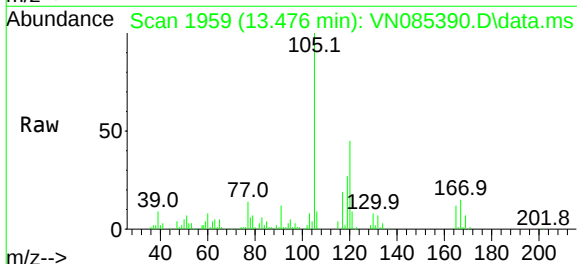
Manual Integrations
APPROVED

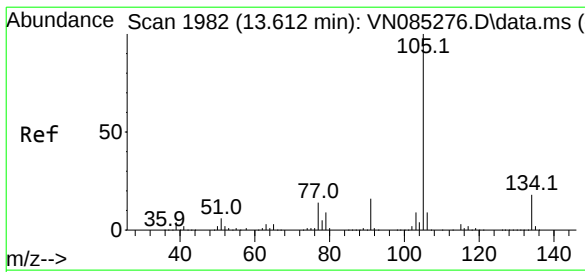
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.764 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion:105 Resp: 142245
Ion Ratio Lower Upper
105 100
120 44.2 0.0 89.8





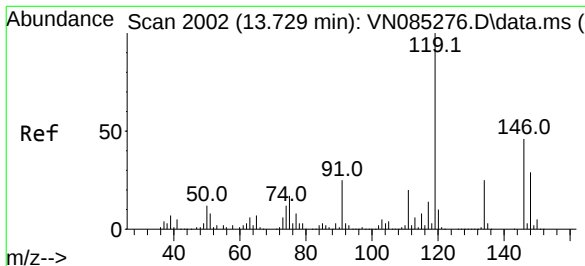
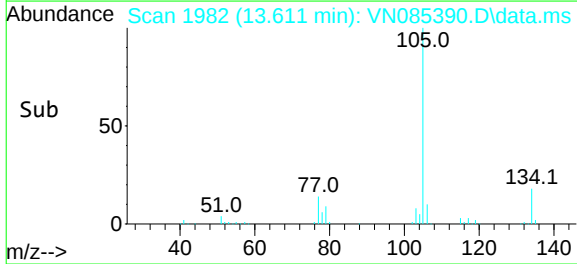
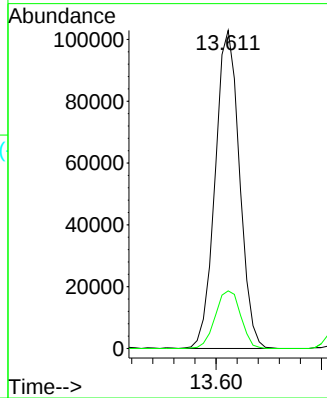
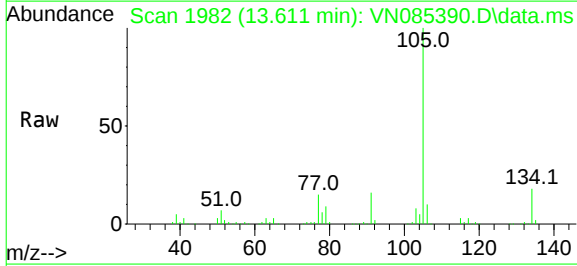
#81
sec-Butylbenzene
Concen: 20.283 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:105 Resp: 164820
Ion Ratio Lower Upper
105 100
134 18.9 0.0 39.8

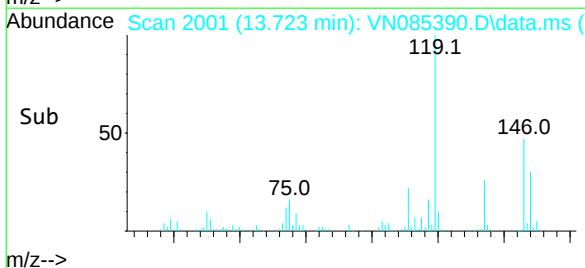
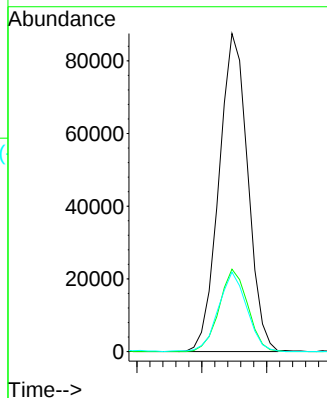
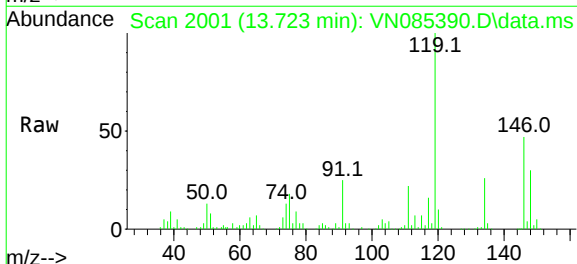
Manual Integrations
APPROVED

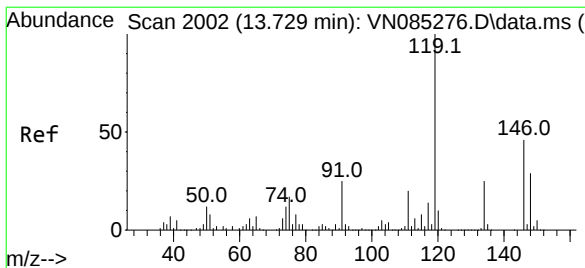
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#82
p-Isopropyltoluene
Concen: 20.218 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion:119 Resp: 135302
Ion Ratio Lower Upper
119 100
134 25.6 0.0 51.4
91 24.5 0.0 51.4





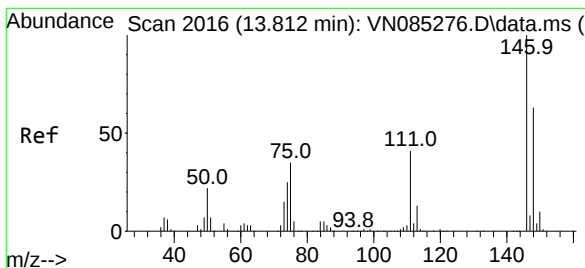
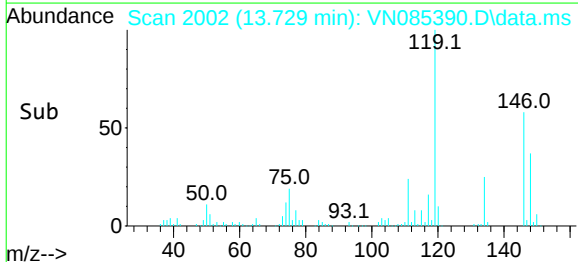
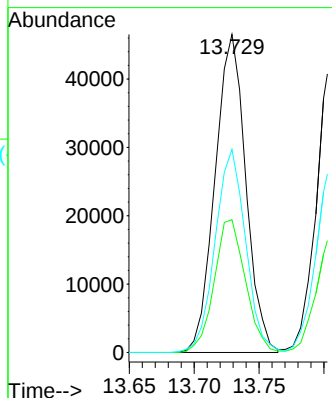
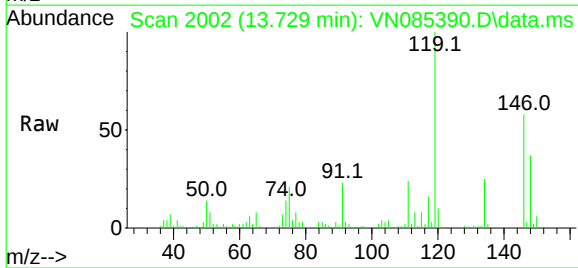
#83
1,3-Dichlorobenzene
Concen: 20.650 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:146 Resp: 76742
Ion Ratio Lower Upper
146 100
111 42.5 20.4 61.3
148 63.3 31.1 93.5

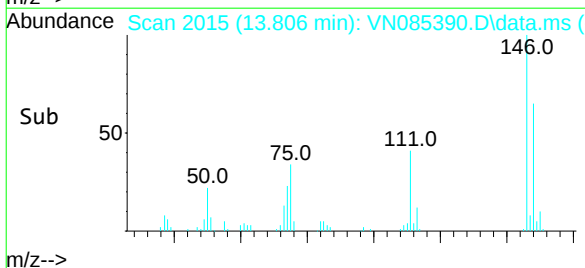
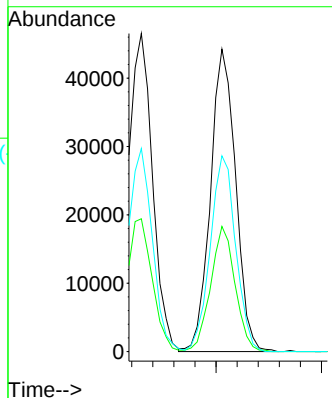
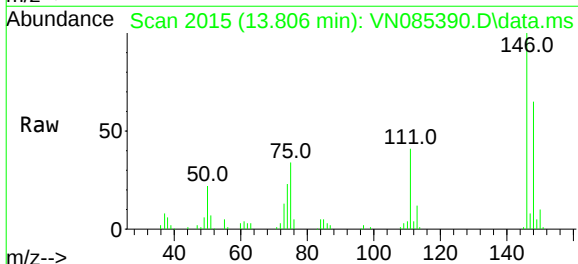
Manual Integrations
APPROVED

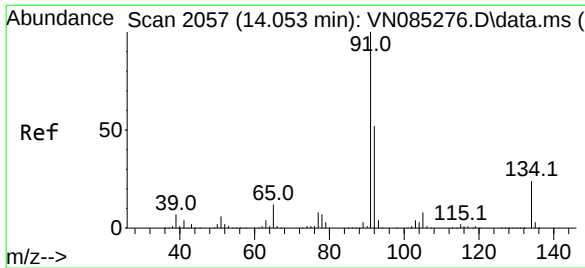
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#84
1,4-Dichlorobenzene
Concen: 20.442 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion:146 Resp: 73497
Ion Ratio Lower Upper
146 100
111 40.1 20.7 62.1
148 65.3 33.2 99.6





#85
n-Butylbenzene
Concen: 19.446 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

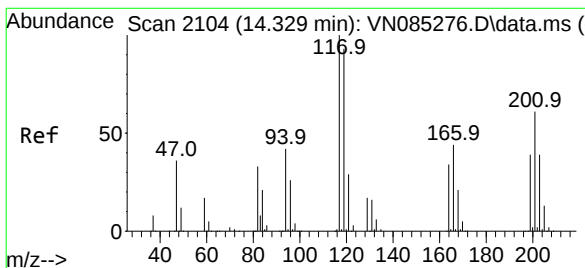
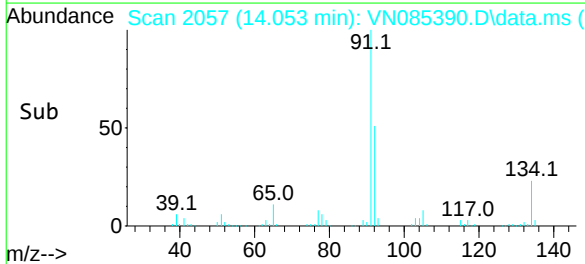
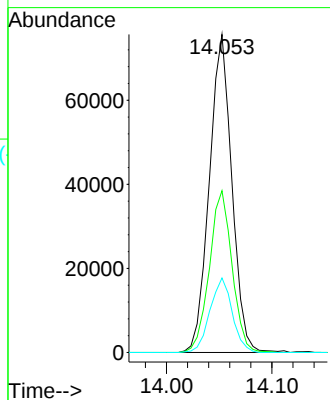
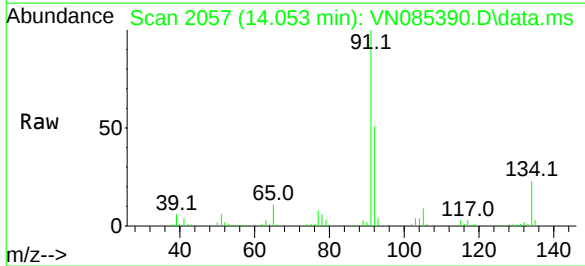
VSTDCCC020

Tgt Ion: 91 Resp: 112353
Ion Ratio Lower Upper
91 100
92 51.3 0.0 102.0
134 23.1 0.0 46.4

Manual Integrations

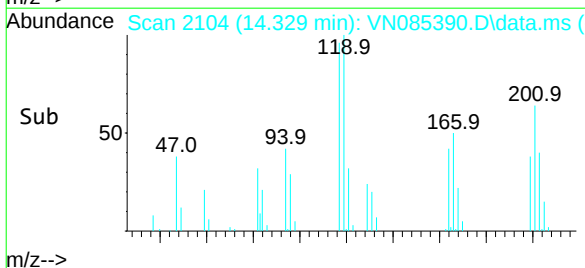
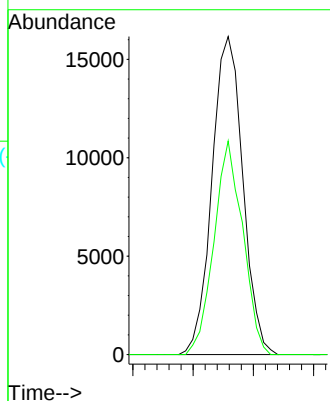
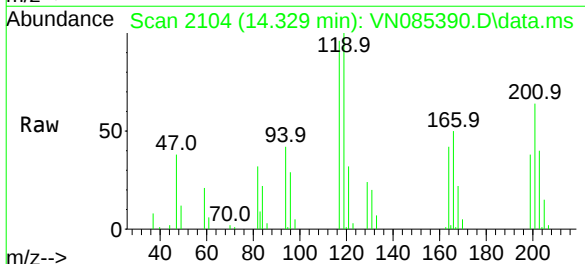
APPROVED

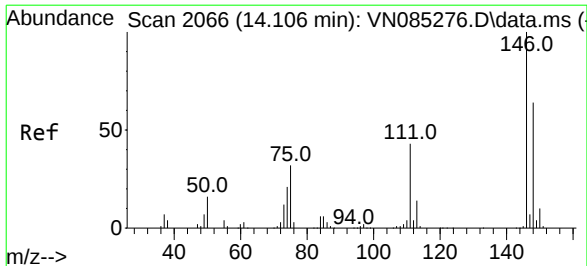
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#86
Hexachloroethane
Concen: 20.003 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Tgt Ion:117 Resp: 28739
Ion Ratio Lower Upper
117 100
201 62.7 31.8 95.3





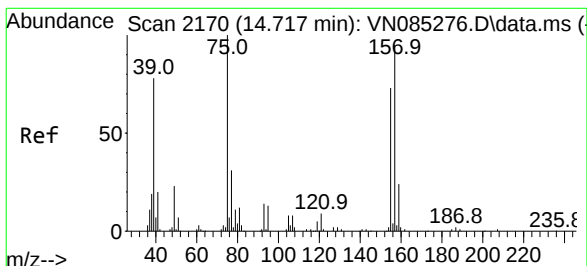
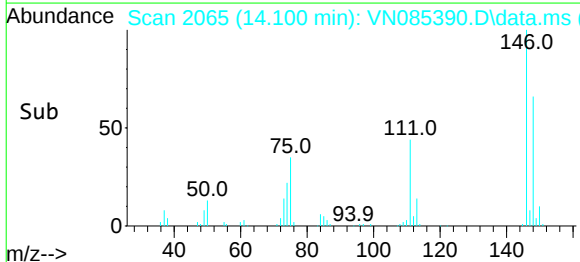
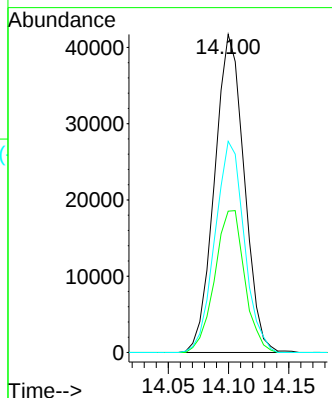
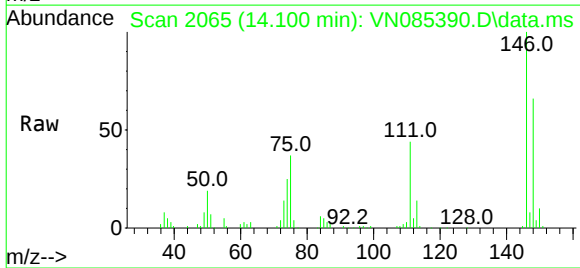
#87
1,2-Dichlorobenzene
Concen: 20.227 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.1	66.3
148	65.6	32.5	97.4

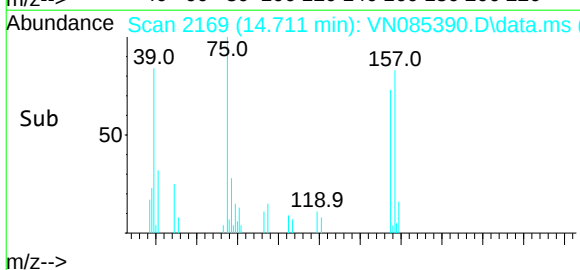
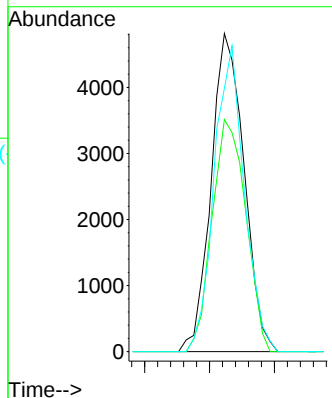
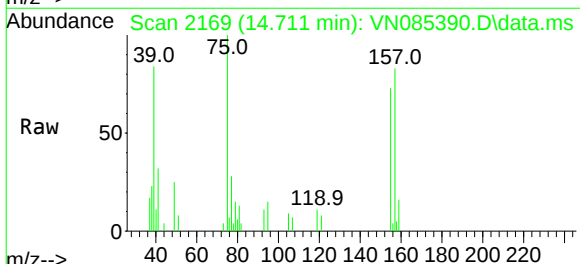
Manual Integrations
APPROVED

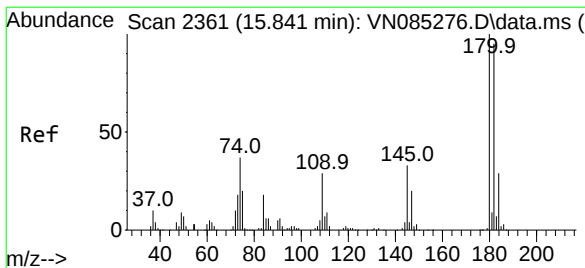
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.274 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

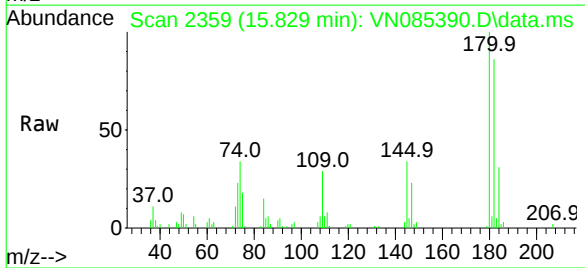
Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.7	53.4	80.0
157	87.9	74.2	111.4





#89
1,2,4-Trichlorobenzene
Concen: 18.674 ug/l
RT: 15.829 min Scan# 2359
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30

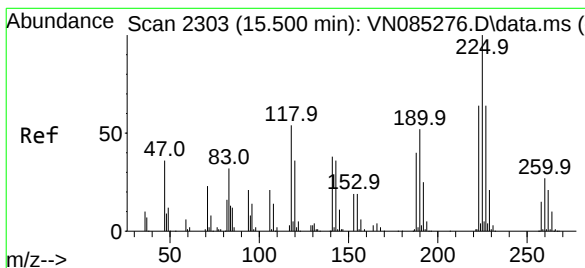
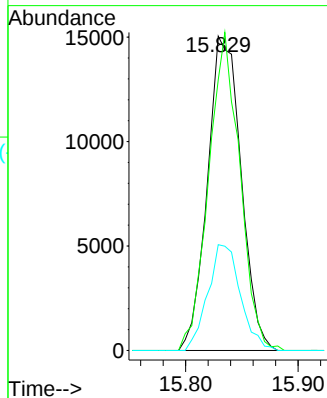
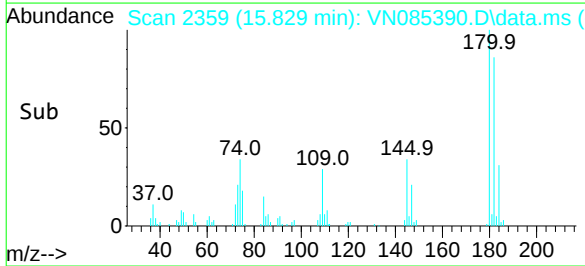
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



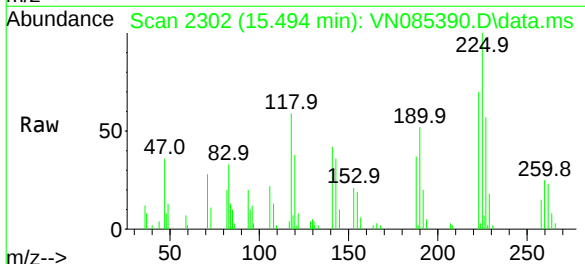
Tgt Ion:180 Resp: 31236
Ion Ratio Lower Upper
180 100
182 93.9 76.5 114.7
145 32.7 27.4 41.2

Manual Integrations
APPROVED

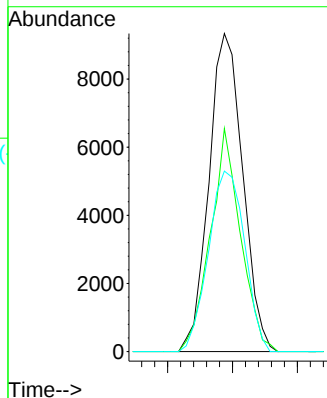
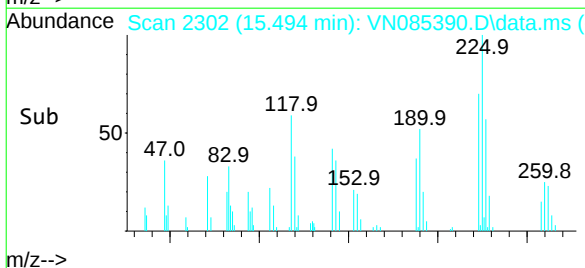
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

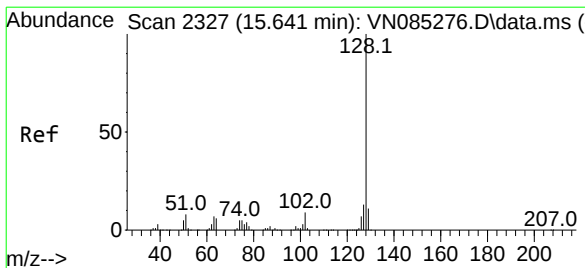


#90
Hexachlorobutadiene
Concen: 20.298 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN085390.D
Acq: 07 Jan 2025 10:30



Tgt Ion:225 Resp: 16924
Ion Ratio Lower Upper
225 100
223 62.5 0.0 116.2
227 60.9 0.0 116.4





#91

Naphthalene

Concen: 15.138 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085390.D

Acq: 07 Jan 2025 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

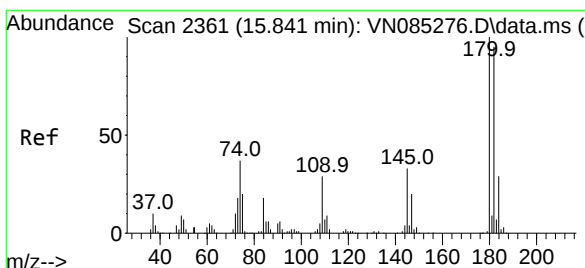
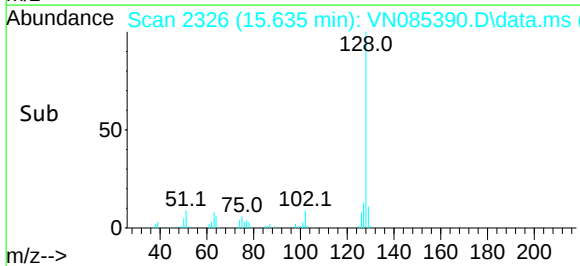
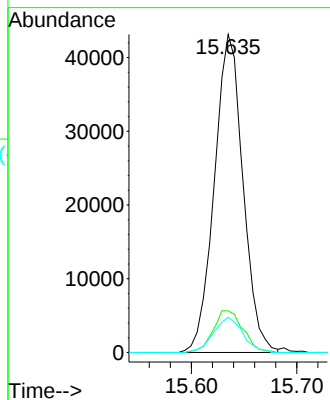
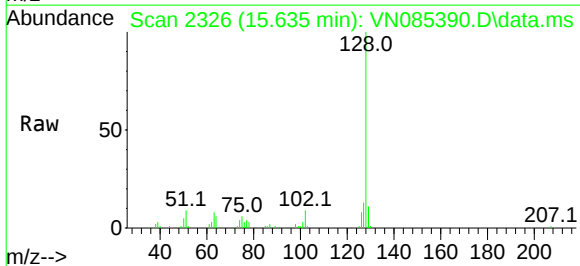
Tgt Ion:	128	Resp:	81355
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.6	16.0
129	11.3	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#92

1,2,3-Trichlorobenzene

Concen: 18.674 ug/l

RT: 15.829 min Scan# 2359

Delta R.T. -0.006 min

Lab File: VN085390.D

Acq: 07 Jan 2025 10:30

Tgt Ion:	180	Resp:	31236
Ion Ratio	Lower	Upper	
180	100		
182	93.9	0.0	191.2
145	32.7	0.0	68.6

