

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
 Data File : VN085548.D
 Acq On : 29 Jan 2025 11:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 30 00:29:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/30/2025
 Supervised By : Mahesh Dadoda 01/30/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	190920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	314840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	149148	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	167442	54.332	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.660%
35) Dibromofluoromethane	8.165	113	121796	55.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.520%
50) Toluene-d8	10.565	98	443525	57.152	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	114.300%#
62) 4-Bromofluorobenzene	12.847	95	158301	59.631	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	119.260%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	111940	43.304	ug/l	99
3) Chloromethane	2.359	50	115154	41.143	ug/l	99
4) Vinyl Chloride	2.512	62	122379	43.501	ug/l	99
5) Bromomethane	2.948	94	72032	42.389	ug/l	100
6) Chloroethane	3.112	64	79983	44.845	ug/l	95
7) Trichlorofluoromethane	3.495	101	195725	47.949	ug/l	99
8) Diethyl Ether	3.959	74	64556	45.779	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	115688	50.319	ug/l	98
10) Methyl Iodide	4.589	142	124815	47.406	ug/l	99
11) Tert butyl alcohol	5.512	59	102889	291.560	ug/l	99
12) 1,1-Dichloroethene	4.342	96	97641	47.653	ug/l	98
13) Acrolein	4.177	56	107614	223.391	ug/l	97
14) Allyl chloride	5.024	41	154662	46.516	ug/l	98
15) Acrylonitrile	5.718	53	295011	263.192	ug/l	100
16) Acetone	4.424	43	251588	252.657	ug/l	99
17) Carbon Disulfide	4.712	76	247182	39.180	ug/l	98
18) Methyl Acetate	5.018	43	167018	55.159	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	352742	53.017	ug/l	99
20) Methylene Chloride	5.271	84	118086	47.903	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	103461	47.247	ug/l	99
22) Diisopropyl ether	6.665	45	389107	52.726	ug/l	98
23) Vinyl Acetate	6.600	43	1384915	268.154	ug/l	100
24) 1,1-Dichloroethane	6.565	63	224264	49.838	ug/l	98
25) 2-Butanone	7.483	43	384379	262.309	ug/l	99
26) 2,2-Dichloropropane	7.483	77	201856	55.483	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	130967	50.778	ug/l	100
28) Bromochloromethane	7.806	49	93940	44.872	ug/l	98
29) Tetrahydrofuran	7.835	42	255872	275.413	ug/l	100
30) Chloroform	7.965	83	235995	50.743	ug/l	97
31) Cyclohexane	8.253	56	171079	43.741	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	206001	50.496	ug/l	98
36) 1,1-Dichloropropene	8.365	75	152490	49.744	ug/l	99
37) Ethyl Acetate	7.553	43	156704	50.645	ug/l	98
38) Carbon Tetrachloride	8.359	117	178752	50.934	ug/l	98
39) Methylcyclohexane	9.600	83	146134	50.729	ug/l	98
40) Benzene	8.606	78	472467	51.295	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
 Data File : VN085548.D
 Acq On : 29 Jan 2025 11:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 30 00:29:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	87947	54.633	ug/l	100
42) 1,2-Dichloroethane	8.665	62	183786	52.978	ug/l	99
43) Isopropyl Acetate	8.682	43	265698	53.590	ug/l	100
44) Trichloroethene	9.347	130	106402	49.626	ug/l	93
45) 1,2-Dichloropropane	9.618	63	123931	52.676	ug/l	98
46) Dibromomethane	9.706	93	86251	50.807	ug/l	96
47) Bromodichloromethane	9.882	83	190286	55.019	ug/l	99
48) Methyl methacrylate	9.677	41	126123	56.527	ug/l	98
49) 1,4-Dioxane	9.688	88	42044	1118.996	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	841478	292.481	ug/l	100
52) Toluene	10.629	92	291059	54.537	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	180662	55.275	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	192761	55.213	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	115225	54.555	ug/l	97
56) Ethyl methacrylate	10.871	69	177132	49.794	ug/l	100
57) 1,3-Dichloropropane	11.159	76	200617	54.627	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	373597	278.738	ug/l	100
59) 2-Hexanone	11.194	43	602196	297.473	ug/l	99
60) Dibromochloromethane	11.359	129	140958	55.280	ug/l	100
61) 1,2-Dibromoethane	11.465	107	112734	53.622	ug/l	98
64) Tetrachloroethene	11.100	164	97060	49.798	ug/l	98
65) Chlorobenzene	11.888	112	317067	50.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	119011	51.774	ug/l	98
67) Ethyl Benzene	11.959	91	558184	54.719	ug/l	100
68) m/p-Xylenes	12.070	106	428359	113.620	ug/l	99
69) o-Xylene	12.394	106	201478	55.920	ug/l	100
70) Styrene	12.412	104	353248	59.242	ug/l	99
71) Bromoform	12.576	173	92365	56.158	ug/l #	99
73) Isopropylbenzene	12.694	105	520261	51.684	ug/l	100
74) N-amyl acetate	12.488	43	232634	51.416	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	171790	48.312	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	138709m	45.756	ug/l	
77) Bromobenzene	12.976	156	129223	49.135	ug/l	99
78) n-propylbenzene	13.035	91	634672	53.259	ug/l	99
79) 2-Chlorotoluene	13.123	91	384203	49.816	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	448974	53.997	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	60833	54.293	ug/l	96
82) 4-Chlorotoluene	13.217	91	395084	51.449	ug/l	99
83) tert-Butylbenzene	13.435	119	358511	51.344	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	455009	54.905	ug/l	99
85) sec-Butylbenzene	13.612	105	521784	53.917	ug/l	100
86) p-Isopropyltoluene	13.729	119	434224	49.847	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	244334	50.447	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	243977	48.599	ug/l	98
89) n-Butylbenzene	14.053	91	371878	53.564	ug/l	99
90) Hexachloroethane	14.335	117	87853	47.686	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	235437	48.734	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32314	49.766	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	112668	50.178	ug/l	99
94) Hexachlorobutadiene	15.500	225	56387	47.301	ug/l	98
95) Naphthalene	15.641	128	334098	49.863	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	111153	48.924	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
Data File : VN085548.D
Acq On : 29 Jan 2025 11:08
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

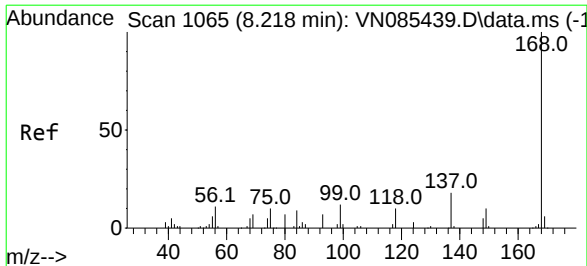
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

Quant Time: Jan 30 00:29:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

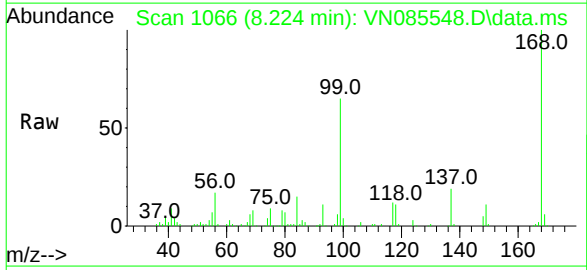
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

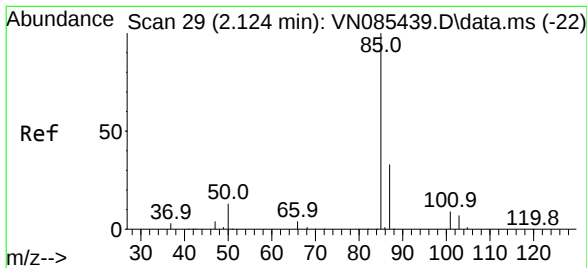
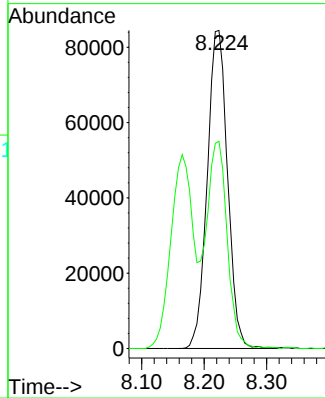
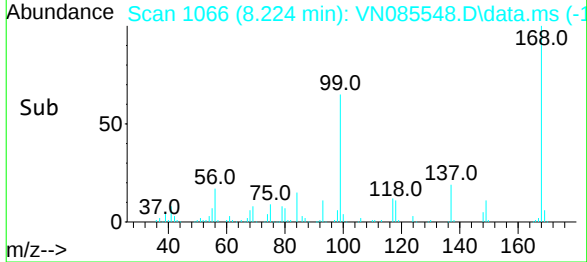
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 190920
Ion Ratio Lower Upper
168 100
99 65.0 53.6 80.4

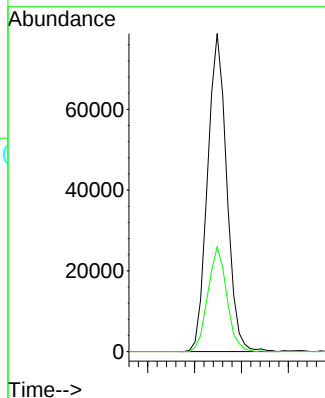
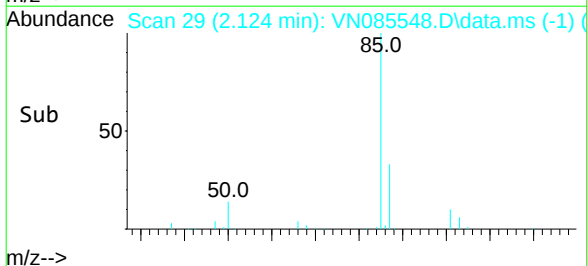
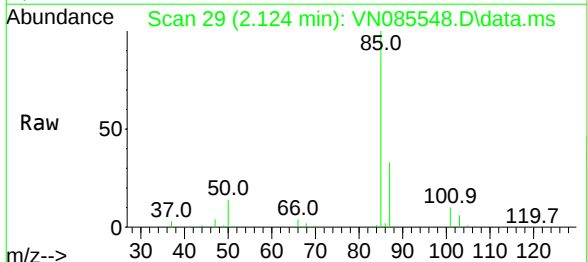
Manual Integrations
APPROVED

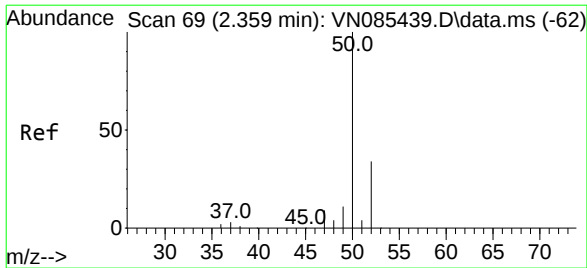
Reviewed By : John Carlone 01/30/2025
Supervised By : Mahesh Dadoda 01/30/2025



#2
Dichlorodifluoromethane
Concen: 43.304 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

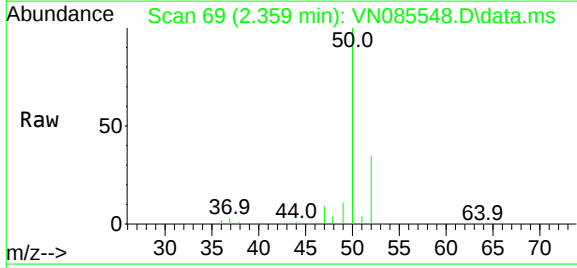
Tgt Ion: 85 Resp: 111940
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





#3
Chloromethane
Concen: 41.143 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

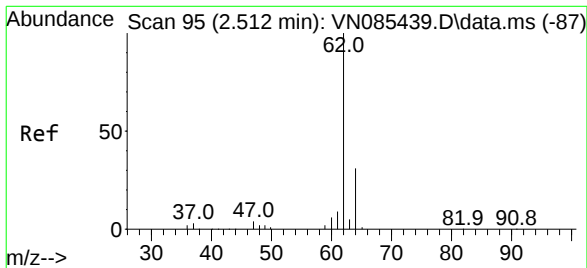
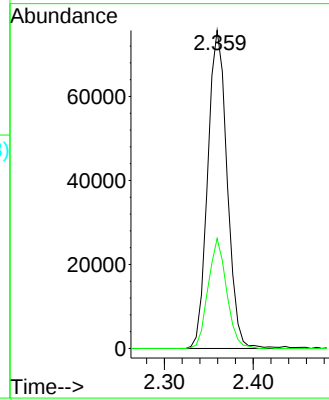
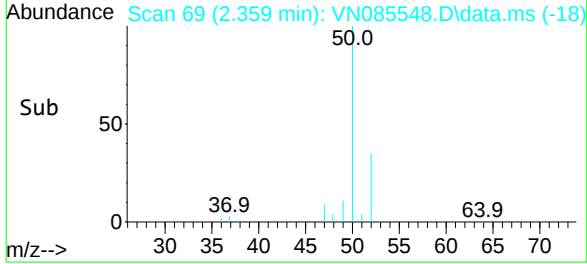
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 115154
Ion Ratio Lower Upper
50 100
52 34.6 27.0 40.6

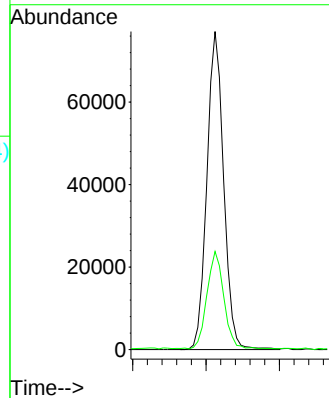
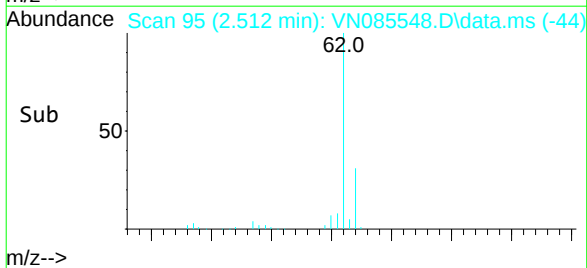
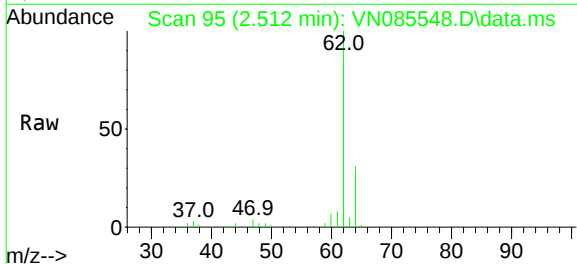
Manual Integrations
APPROVED

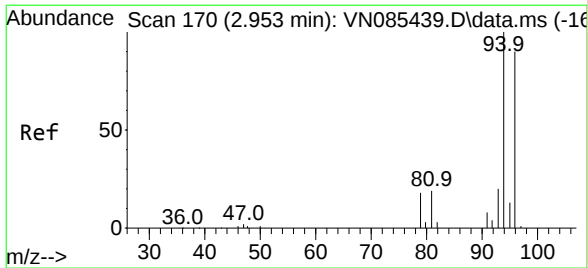
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#4
Vinyl Chloride
Concen: 43.501 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

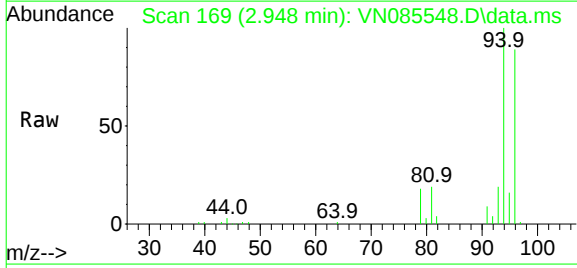
Tgt Ion: 62 Resp: 122379
Ion Ratio Lower Upper
62 100
64 30.6 24.8 37.2





#5
Bromomethane
Concen: 42.389 ug/l
RT: 2.948 min Scan# 16
Delta R.T. -0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

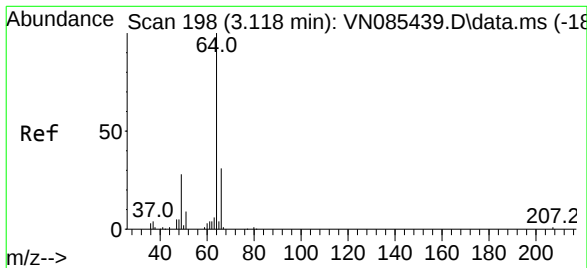
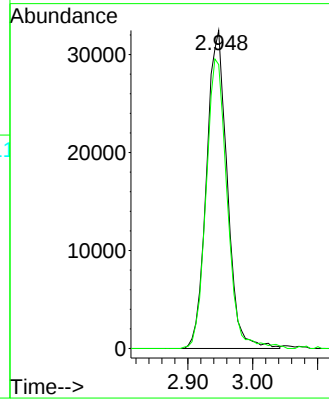
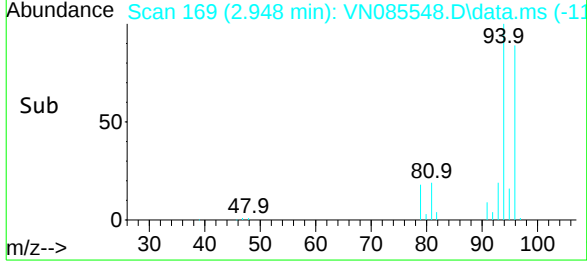
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



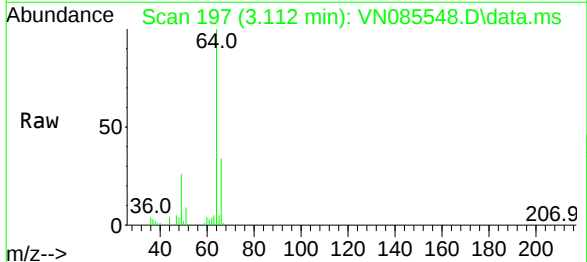
Tgt Ion: 94 Resp: 72032
Ion Ratio Lower Upper
94 100
96 89.3 71.8 107.6

Manual Integrations
APPROVED

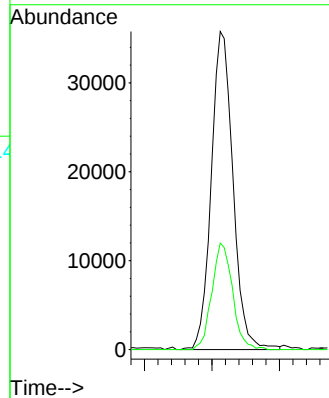
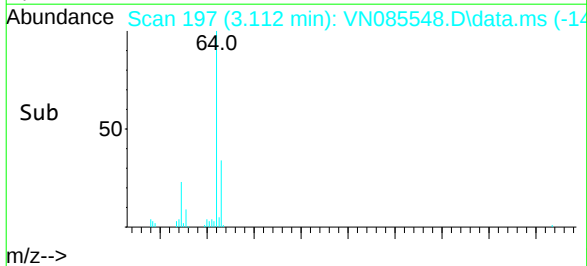
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

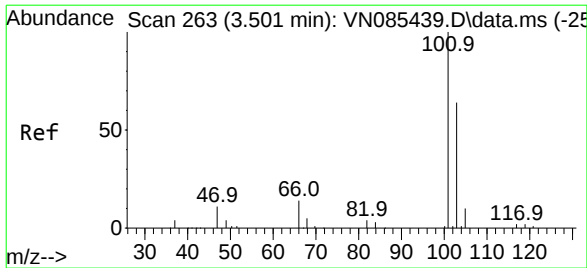


#6
Chloroethane
Concen: 44.845 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08



Tgt Ion: 64 Resp: 79983
Ion Ratio Lower Upper
64 100
66 33.5 24.6 36.8





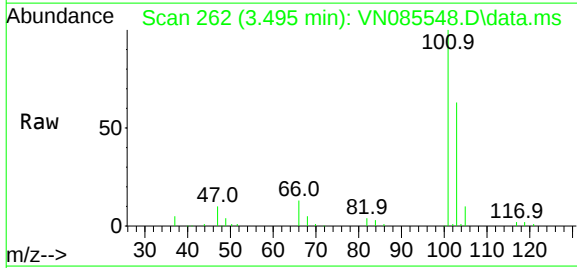
#7
 Trichlorofluoromethane
 Concen: 47.949 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085548.D
 Acq: 29 Jan 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



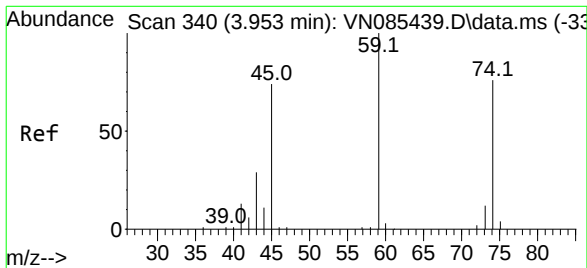
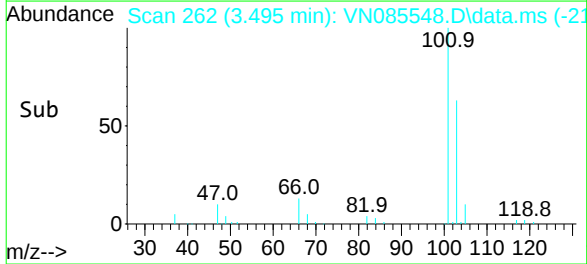
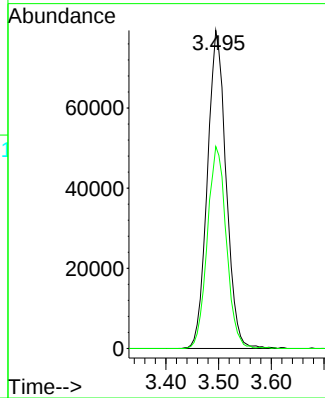
Tgt Ion: 101 Resp: 195725
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.2

Manual Integrations

APPROVED

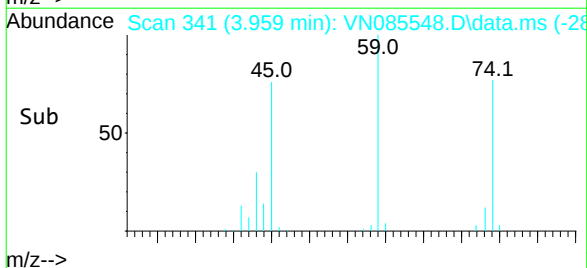
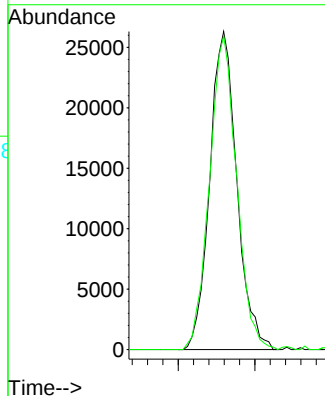
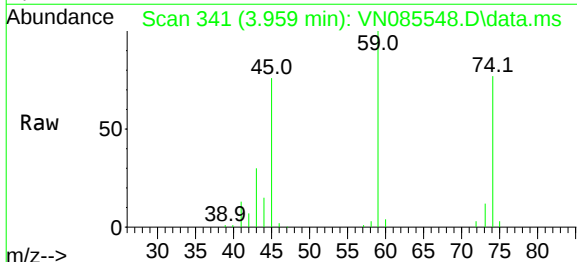
Reviewed By : John Carlone 01/30/2025

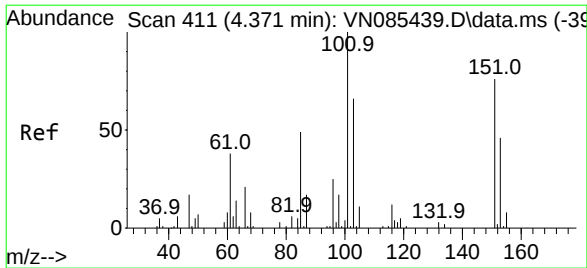
Supervised By : Mahesh Dadoda 01/30/2025



#8
 Diethyl Ether
 Concen: 45.779 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085548.D
 Acq: 29 Jan 2025 11:08

Tgt Ion: 74 Resp: 64556
 Ion Ratio Lower Upper
 74 100
 45 98.8 49.7 149.1





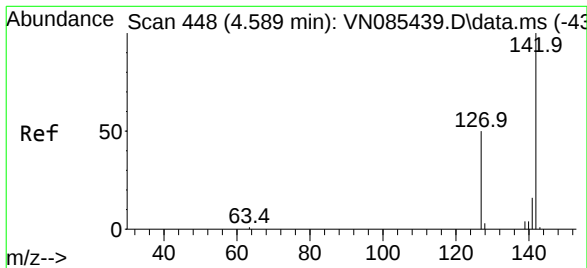
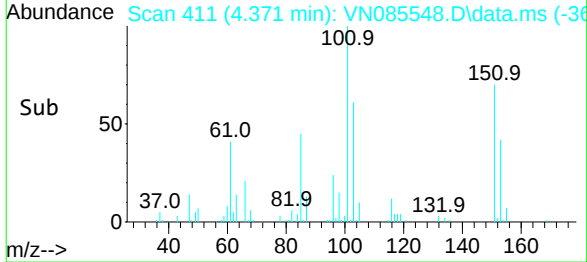
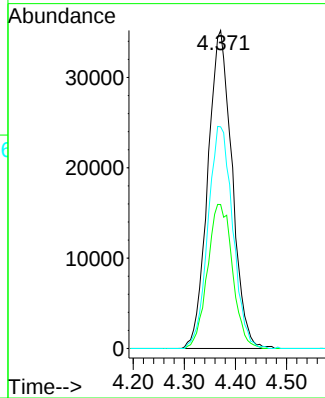
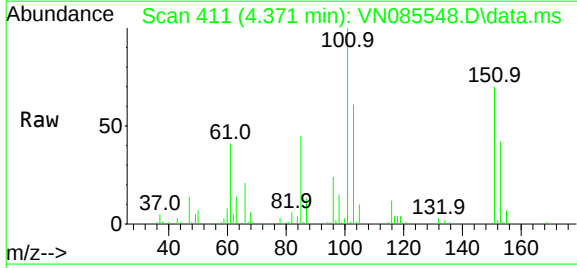
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.319 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 115688
Ion Ratio Lower Upper
101 100
85 46.8 37.8 56.8
151 71.5 58.8 88.2

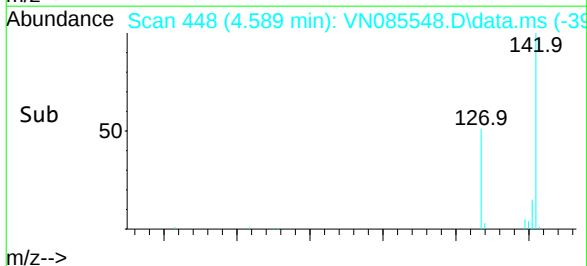
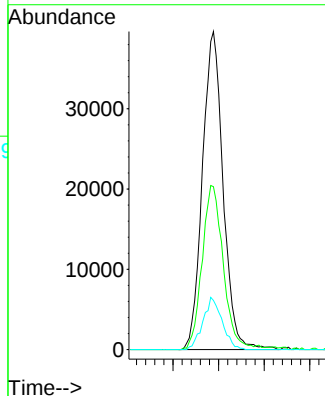
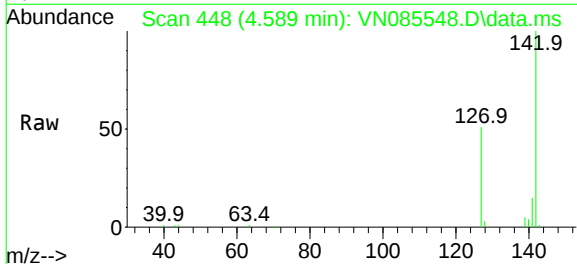
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#10
Methyl Iodide
Concen: 47.406 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion:142 Resp: 124815
Ion Ratio Lower Upper
142 100
127 51.2 40.3 60.5
141 15.5 12.8 19.2





#11

Tert butyl alcohol

Concen: 291.560 ug/l

RT: 5.512 min Scan# 605

Delta R.T. -0.000 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 102889

Ion Ratio Lower Upper

59 100

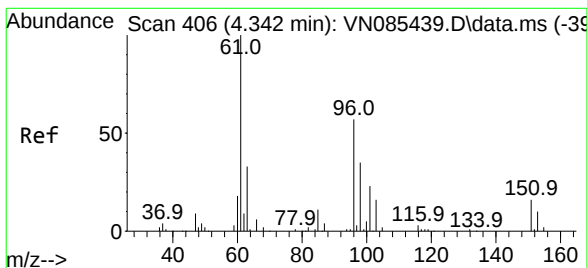
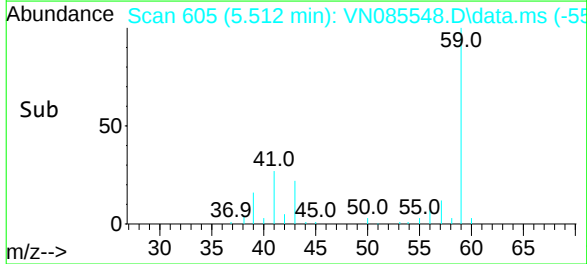
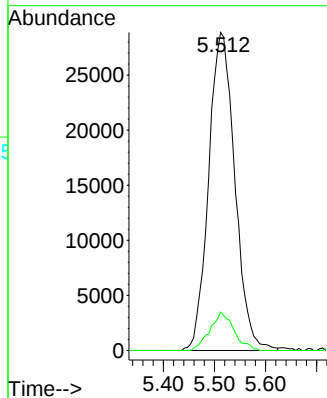
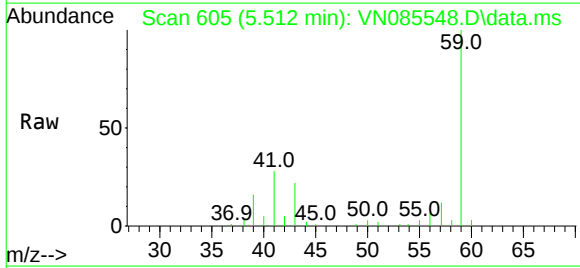
57 11.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#12

1,1-Dichloroethene

Concen: 47.653 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

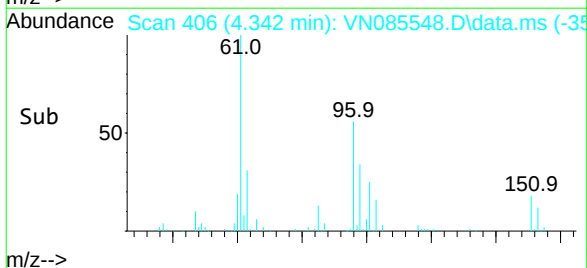
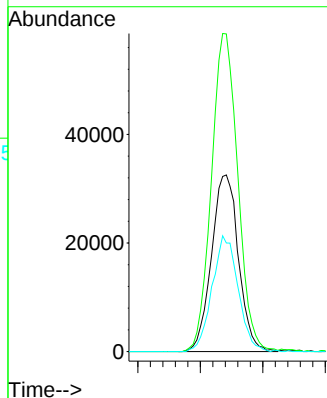
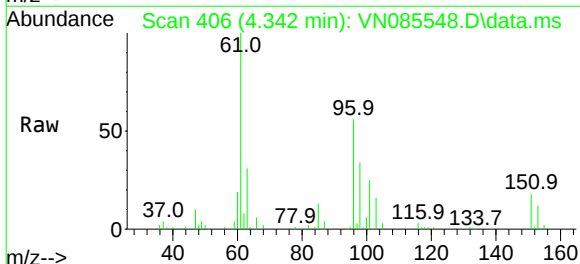
Tgt Ion: 96 Resp: 97641

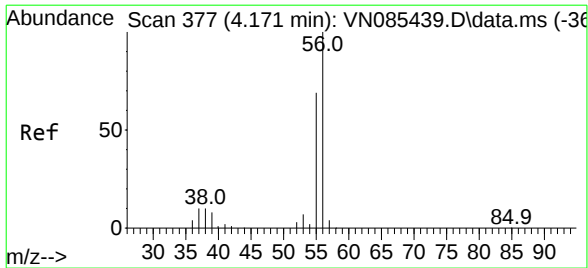
Ion Ratio Lower Upper

96 100

61 179.8 141.0 211.4

98 61.5 49.0 73.6





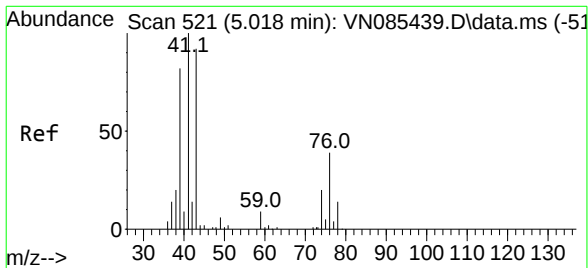
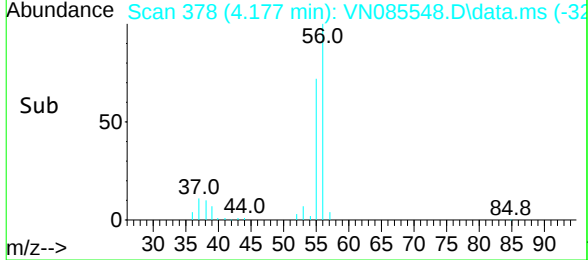
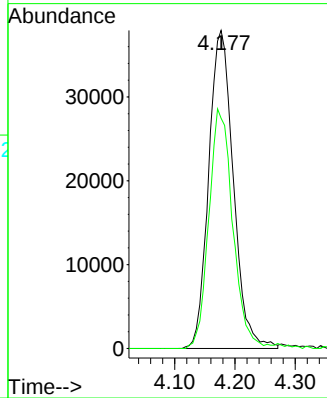
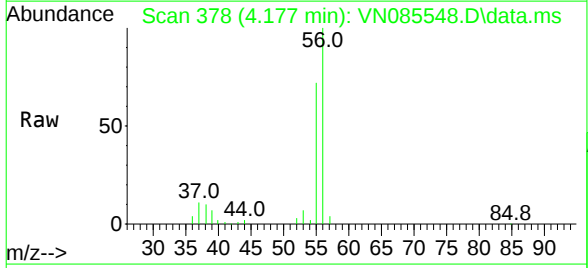
#13
Acrolein
Concen: 223.391 ug/l
RT: 4.177 min Scan# 37
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 107614
Ion Ratio Lower Upper
56 100
55 73.1 56.3 84.5

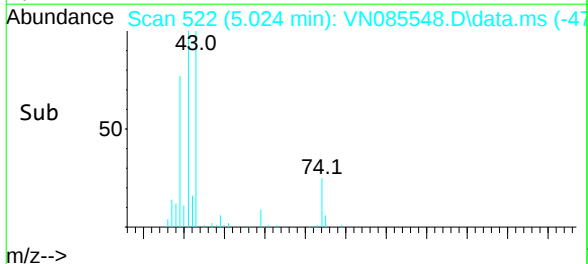
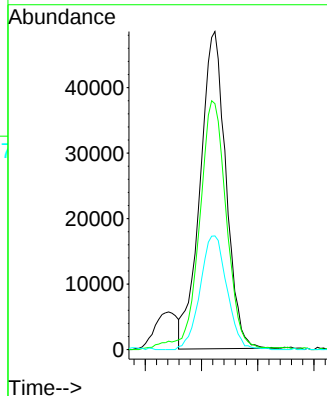
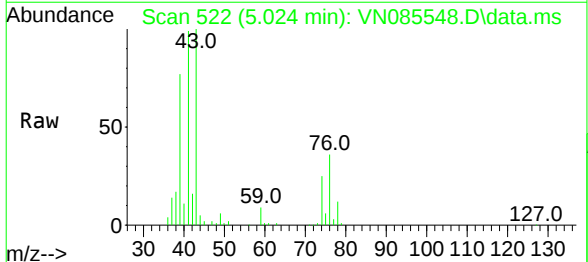
Manual Integrations
APPROVED

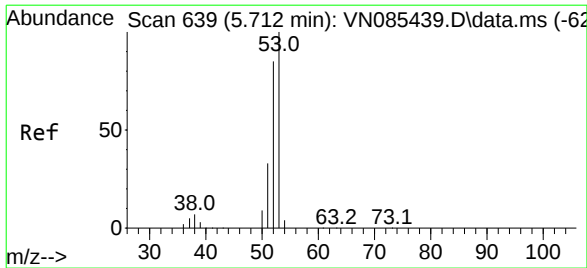
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#14
Allyl chloride
Concen: 46.516 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion: 41 Resp: 154662
Ion Ratio Lower Upper
41 100
39 82.3 64.4 96.6
76 37.2 30.5 45.7





#15

Acrylonitrile

Concen: 263.192 ug/l

RT: 5.718 min Scan# 64

Delta R.T. 0.006 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

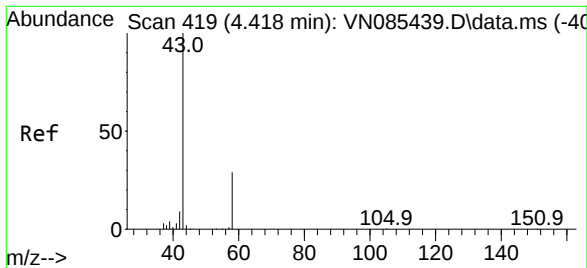
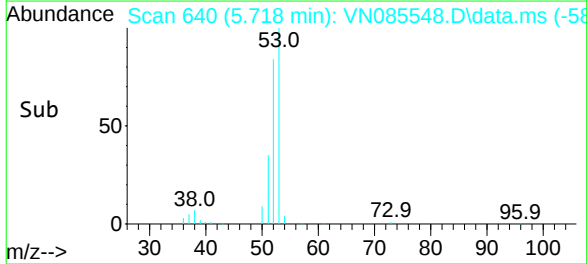
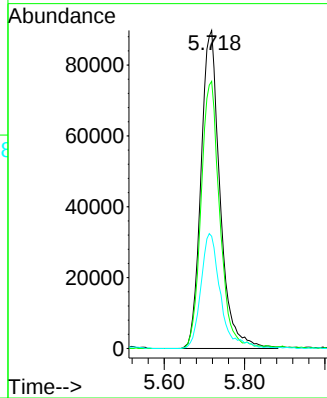
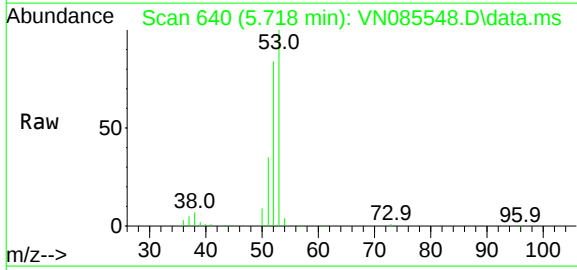
Tgt Ion:	53	Resp:	295011
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.5	98.3
51	37.2	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#16

Acetone

Concen: 252.657 ug/l

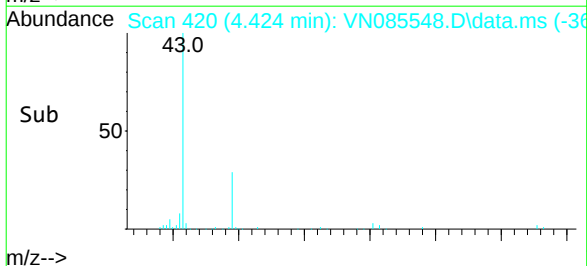
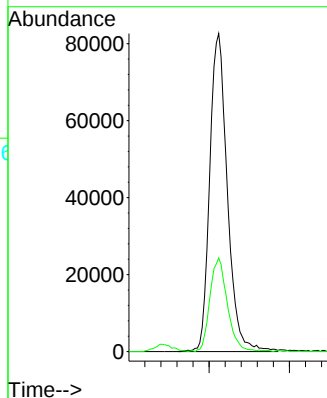
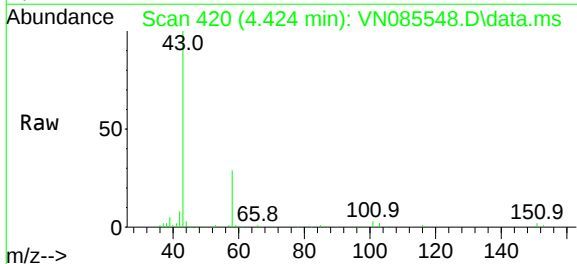
RT: 4.424 min Scan# 420

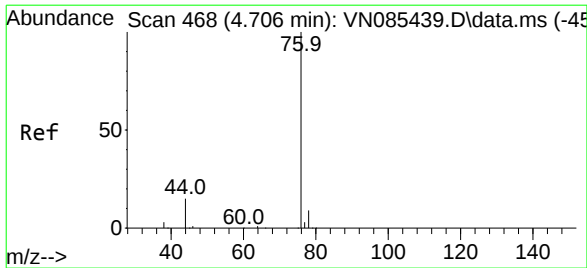
Delta R.T. 0.006 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

Tgt Ion:	43	Resp:	251588
Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.8	35.6





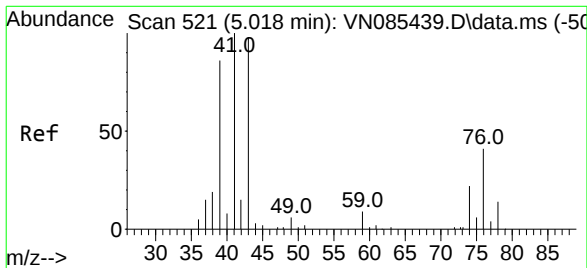
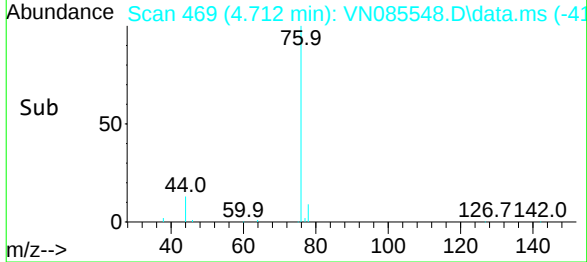
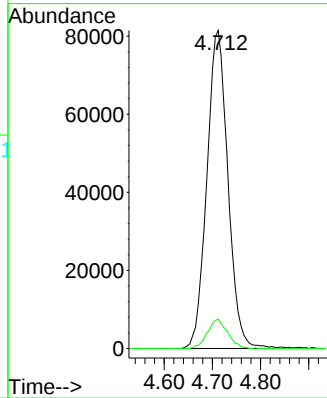
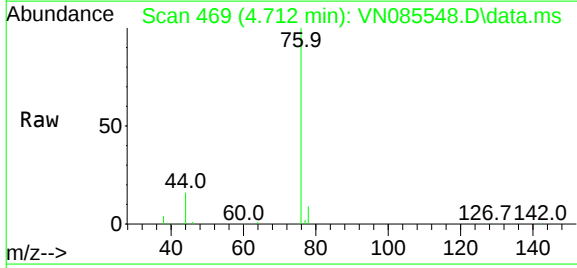
#17
Carbon Disulfide
Concen: 39.180 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 247182
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3

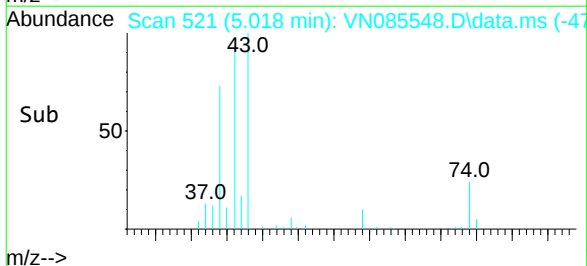
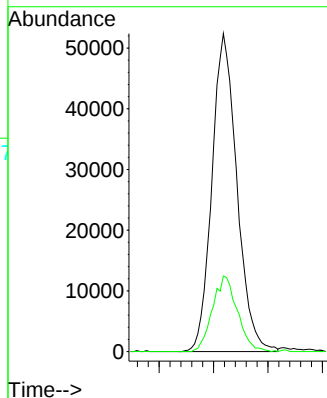
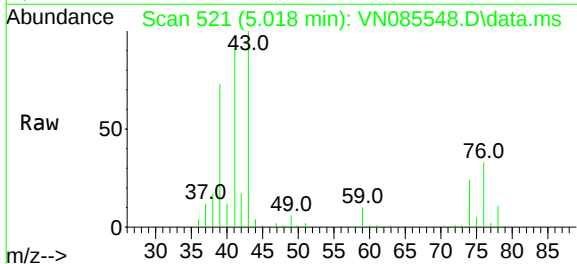
Manual Integrations
APPROVED

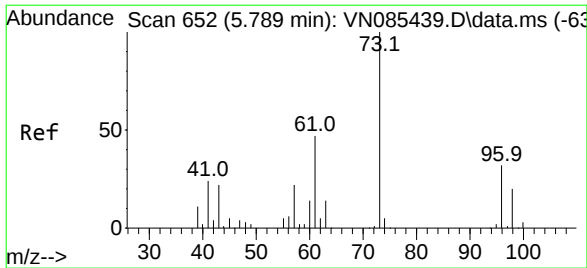
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#18
Methyl Acetate
Concen: 55.159 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

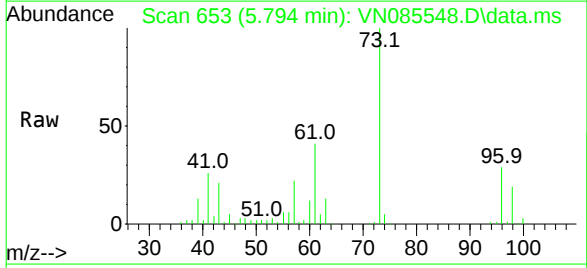
Tgt Ion: 43 Resp: 167018
Ion Ratio Lower Upper
43 100
74 23.7 18.6 28.0





#19
Methyl tert-butyl Ether
Concen: 53.017 ug/l
RT: 5.794 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

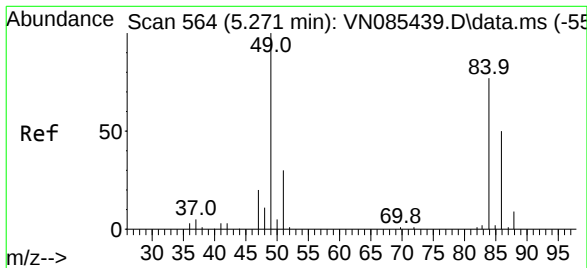
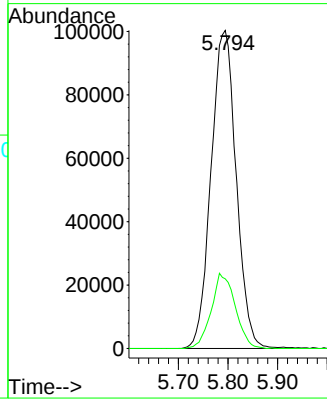
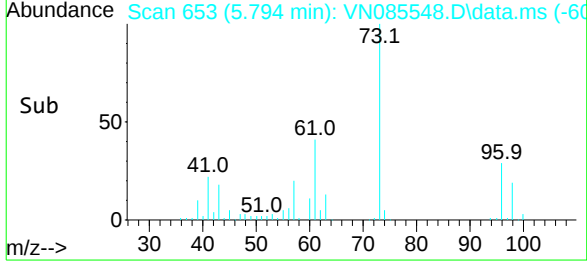
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 352742
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8

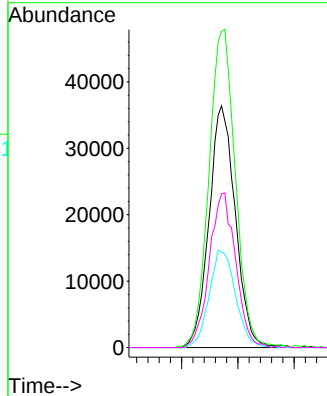
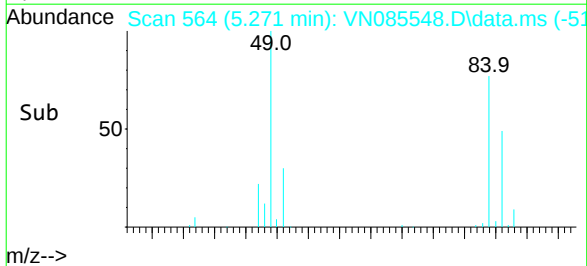
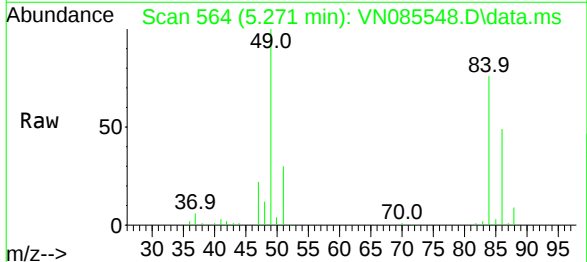
Manual Integrations
APPROVED

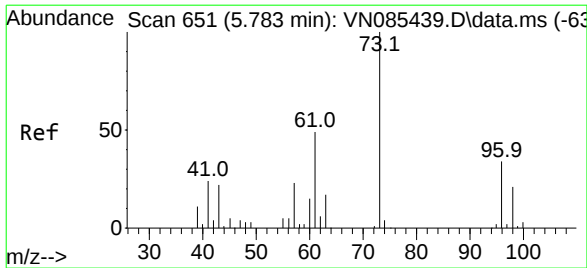
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#20
Methylene Chloride
Concen: 47.903 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion: 84 Resp: 118086
Ion Ratio Lower Upper
84 100
49 130.2 104.1 156.1
51 39.5 31.0 46.4
86 63.6 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 47.247 ug/l

RT: 5.789 min Scan# 651

Delta R.T. 0.006 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 103461

Ion Ratio Lower Upper

96 100

61 145.6 115.7 173.5

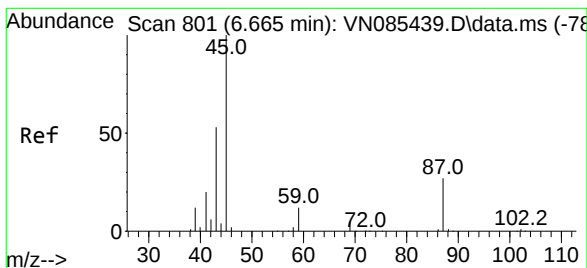
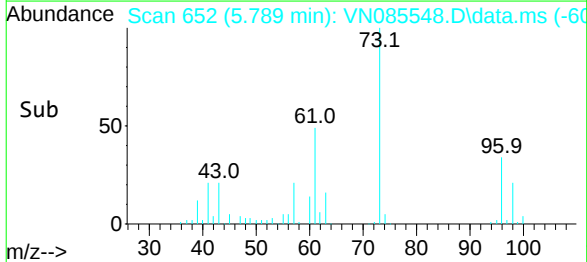
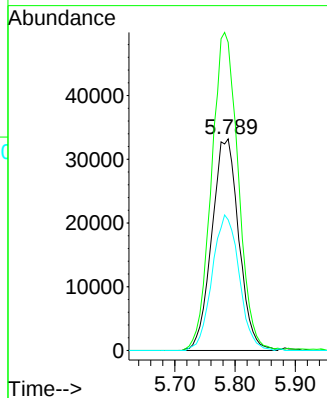
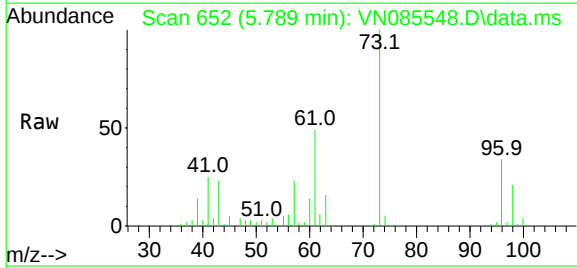
98 61.8 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#22

Diisopropyl ether

Concen: 52.726 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.000 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

Tgt Ion: 45 Resp: 389107

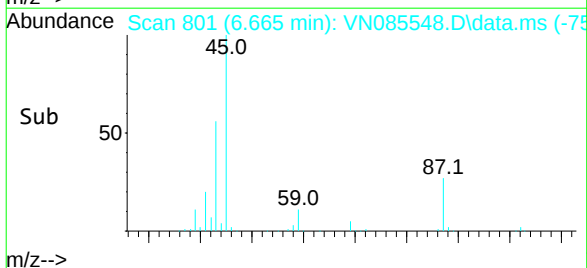
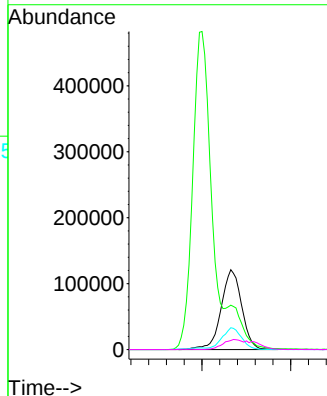
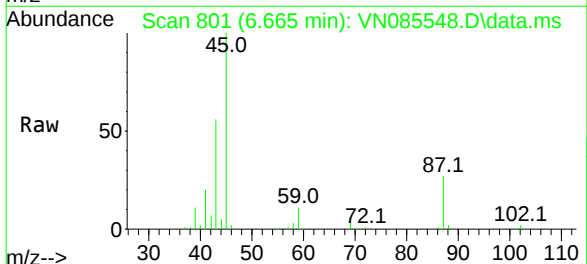
Ion Ratio Lower Upper

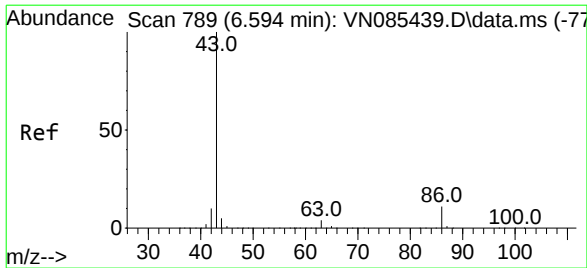
45 100

43 54.3 45.0 67.6

87 27.2 21.8 32.8

59 11.0 10.2 15.2





#23

Vinyl Acetate

Concen: 268.154 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1384915

Ion Ratio Lower Upper

43 100

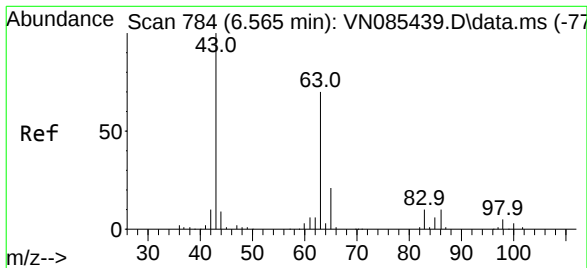
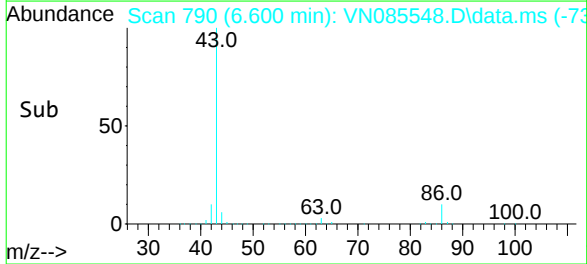
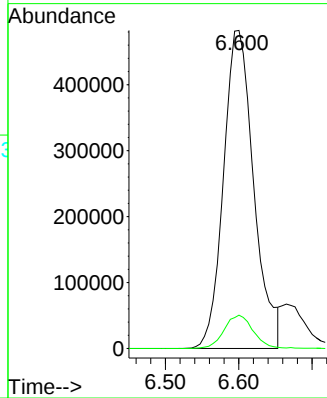
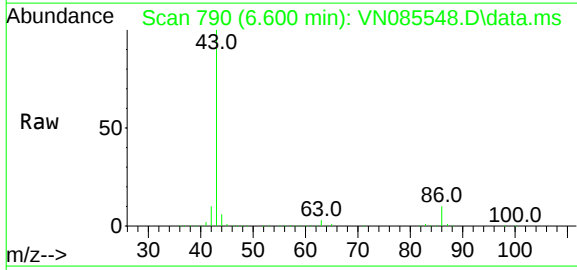
86 10.5 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#24

1,1-Dichloroethane

Concen: 49.838 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

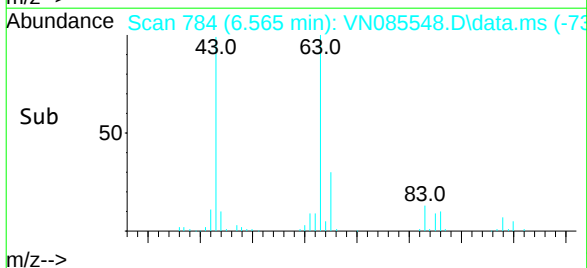
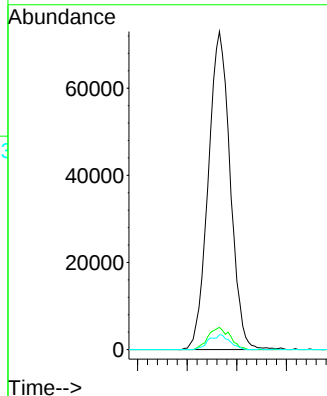
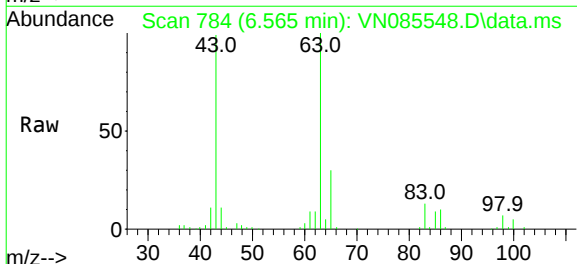
Tgt Ion: 63 Resp: 224264

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 4.7 2.0 6.0





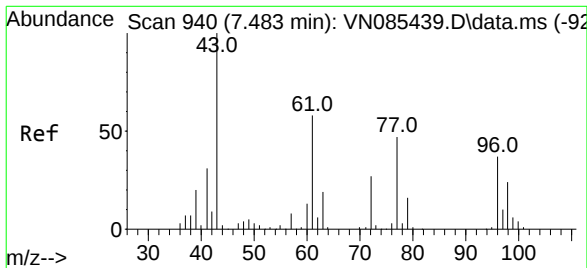
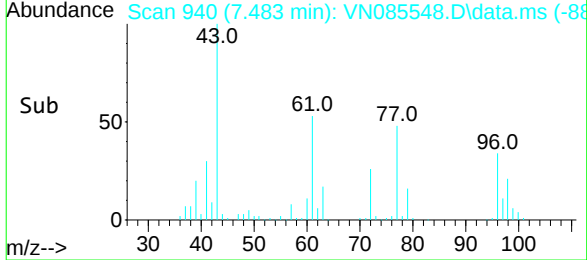
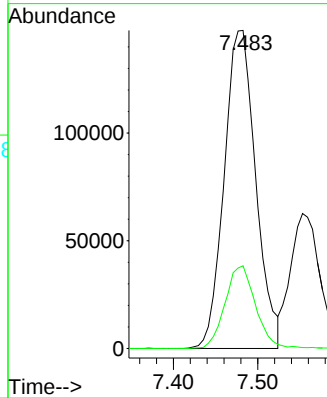
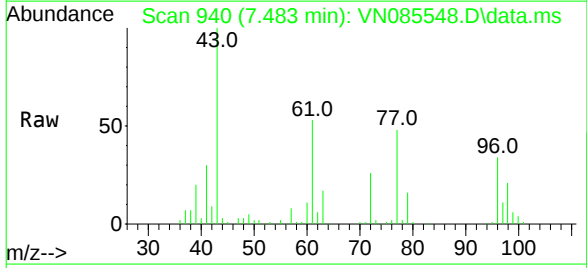
#25
2-Butanone
Concen: 262.309 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 384379
Ion Ratio Lower Upper
43 100
72 26.0 20.2 30.4

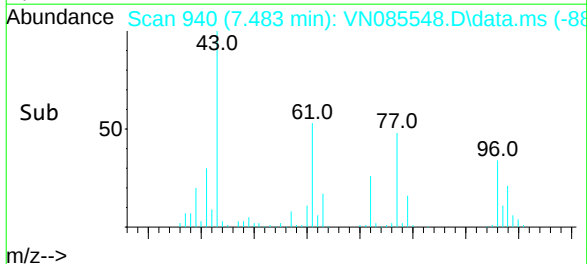
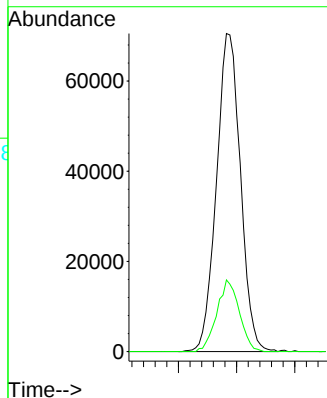
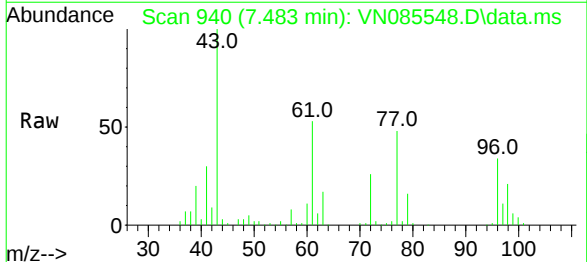
Manual Integrations
APPROVED

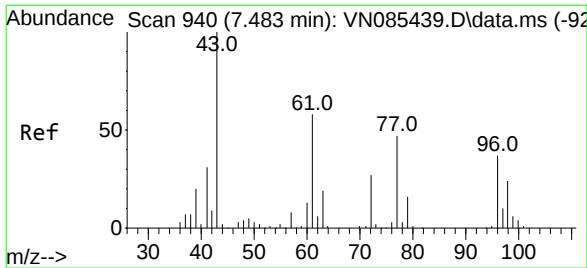
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#26
2,2-Dichloropropane
Concen: 55.483 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

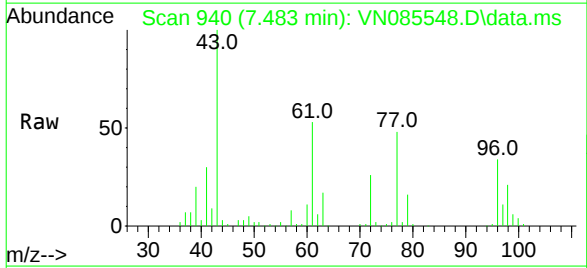
Tgt Ion: 77 Resp: 201856
Ion Ratio Lower Upper
77 100
97 21.1 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 50.778 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085548.D
 Acq: 29 Jan 2025 11:08

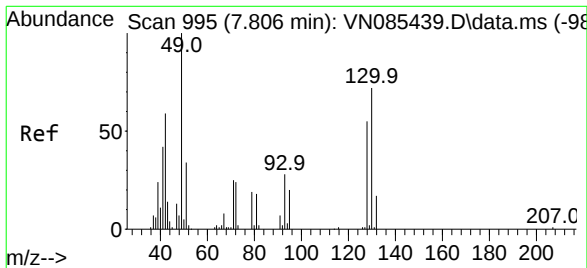
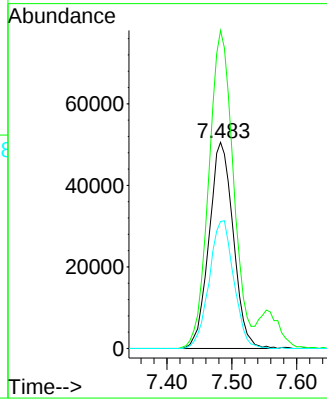
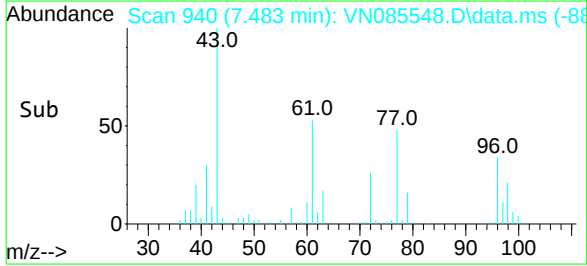
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 130967
 Ion Ratio Lower Upper
 96 100
 61 155.7 0.0 311.8
 98 63.1 0.0 126.0

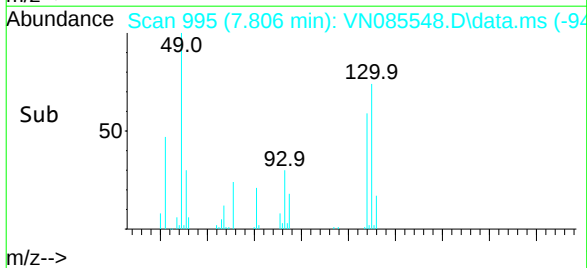
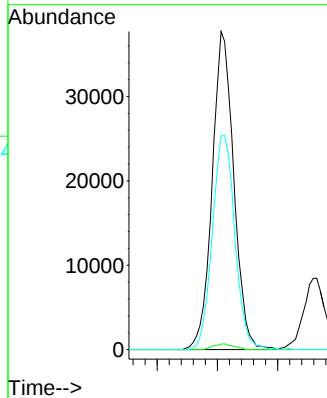
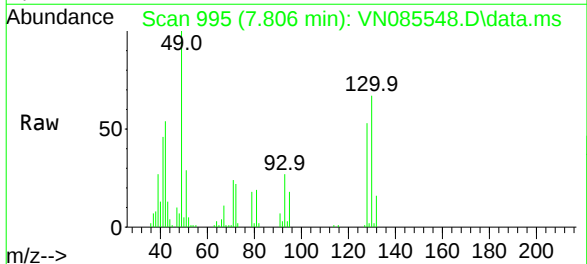
Manual Integrations
 APPROVED

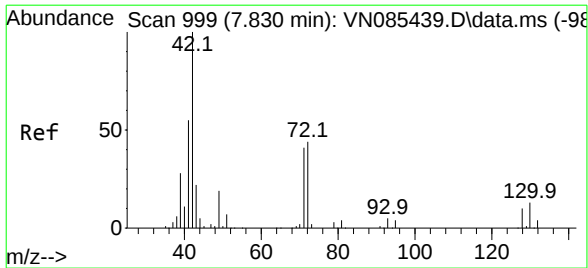
Reviewed By :John Carlone 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#28
 Bromochloromethane
 Concen: 44.872 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085548.D
 Acq: 29 Jan 2025 11:08

Tgt Ion: 49 Resp: 93940
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.4
 130 70.1 55.0 82.4





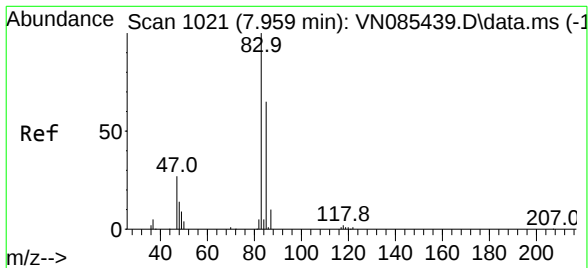
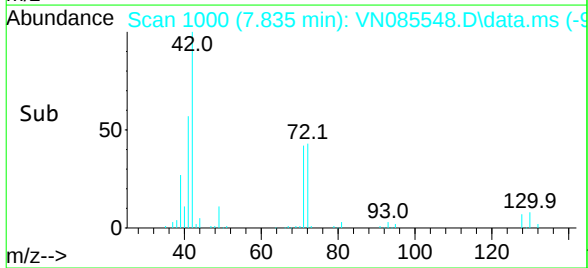
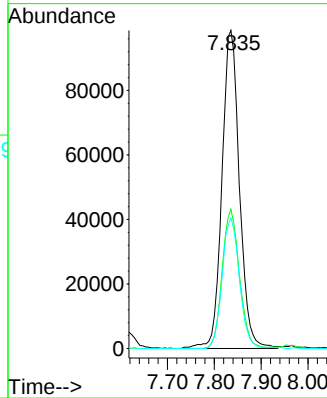
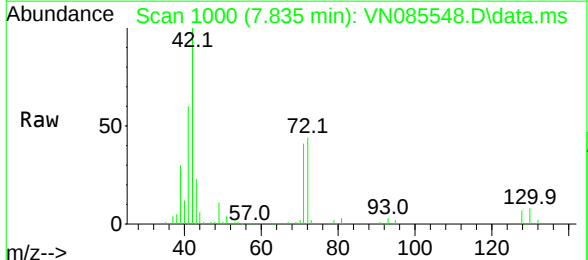
#29
Tetrahydrofuran
Concen: 275.413 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 255872
Ion Ratio Lower Upper
42 100
72 43.1 34.2 51.2
71 40.5 32.5 48.7

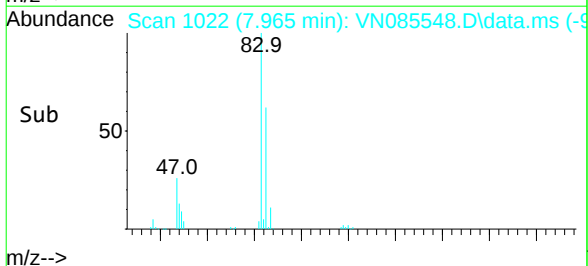
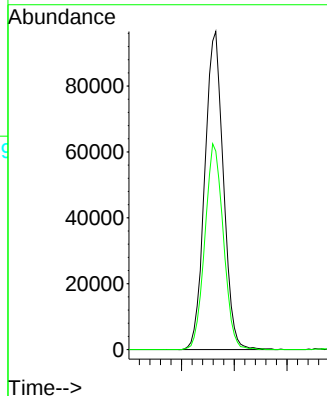
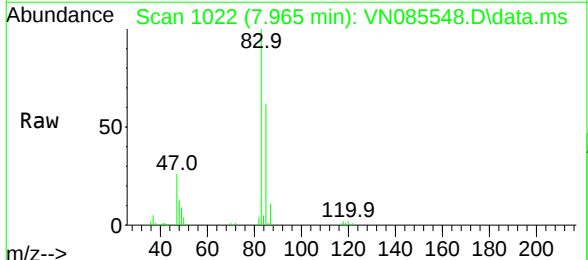
Manual Integrations
APPROVED

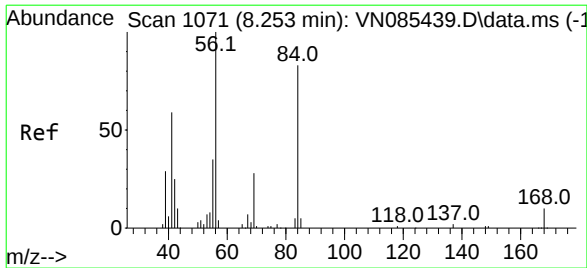
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#30
Chloroform
Concen: 50.743 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

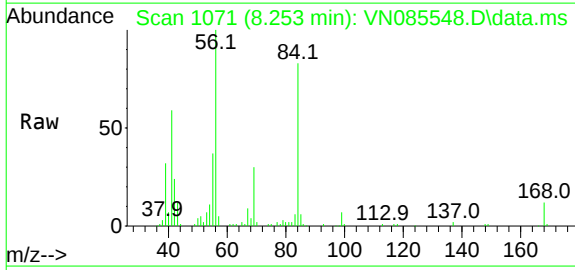
Tgt Ion: 83 Resp: 235995
Ion Ratio Lower Upper
83 100
85 62.4 51.8 77.6





#31
Cyclohexane
Concen: 43.741 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

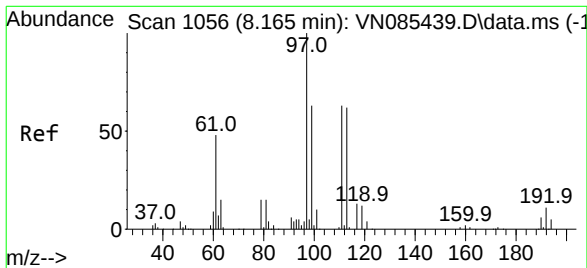
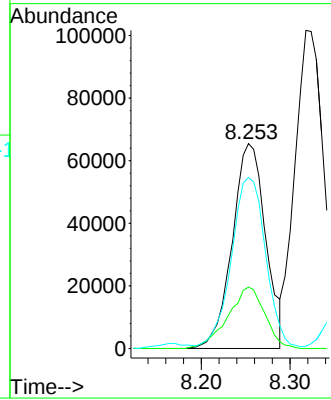
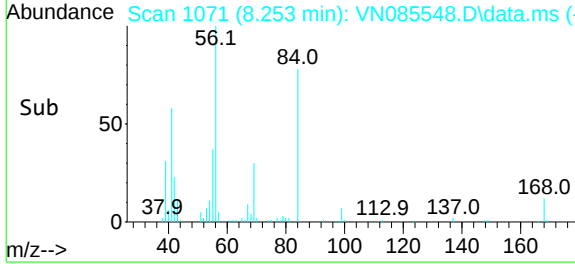
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



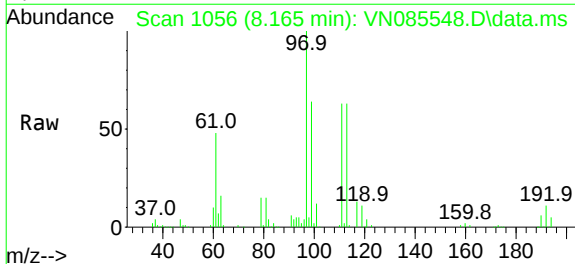
Tgt Ion: 56 Resp: 171079
Ion Ratio Lower Upper
56 100
69 30.0 22.2 33.4
84 81.9 66.4 99.6

Manual Integrations
APPROVED

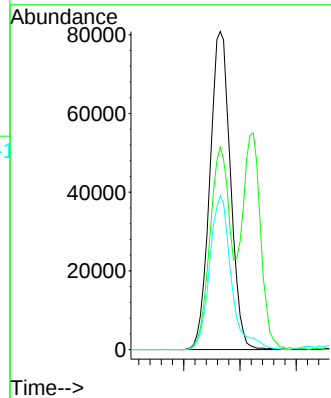
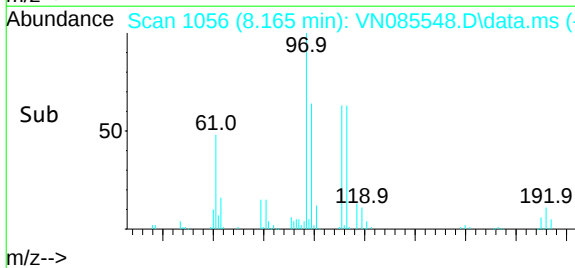
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

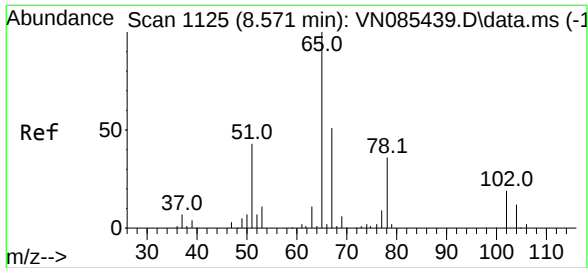


#32
1,1,1-Trichloroethane
Concen: 50.496 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08



Tgt Ion: 97 Resp: 206001
Ion Ratio Lower Upper
97 100
99 60.7 49.8 74.6
61 50.7 41.4 62.2





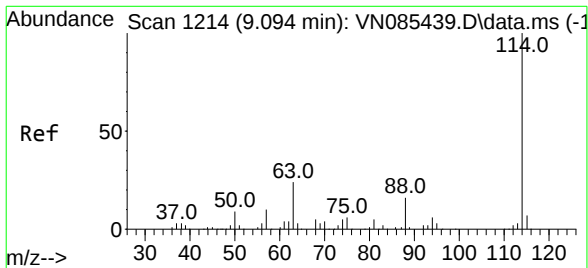
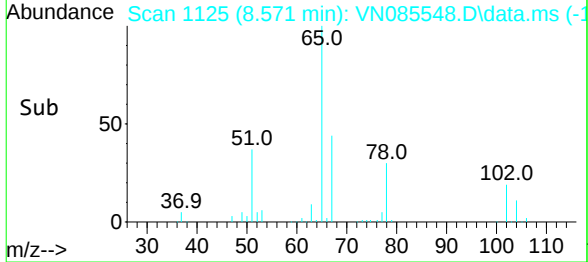
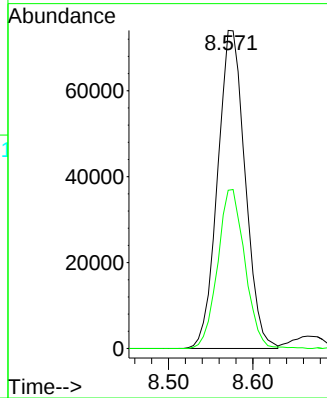
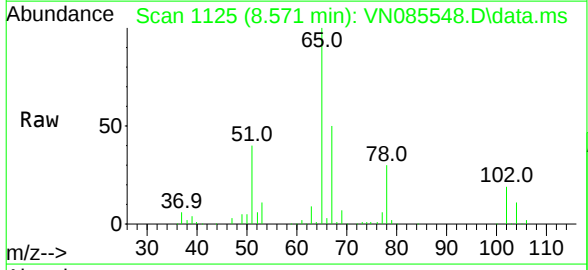
#33
1,2-Dichloroethane-d4
Concen: 54.332 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 167442
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.6

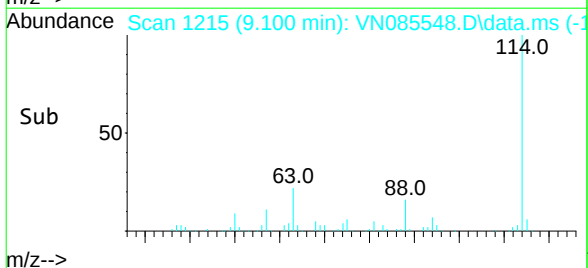
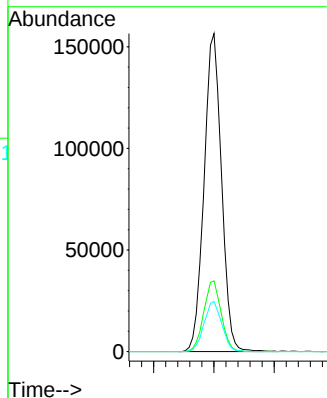
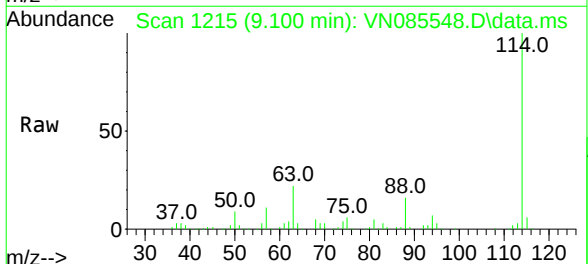
Manual Integrations
APPROVED

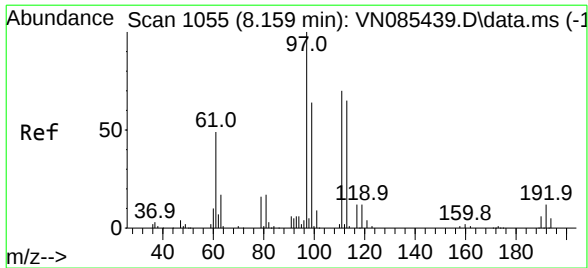
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion:114 Resp: 314840
Ion Ratio Lower Upper
114 100
63 22.2 0.0 47.6
88 15.8 0.0 32.6





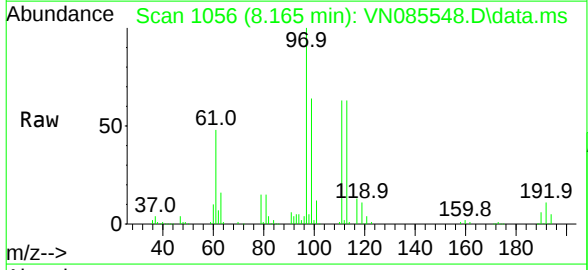
#35
 Dibromofluoromethane
 Concen: 55.762 ug/l
 RT: 8.165 min Scan# 1055
 Delta R.T. 0.006 min
 Lab File: VN085548.D
 Acq: 29 Jan 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



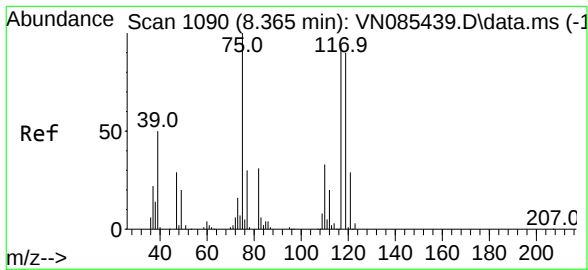
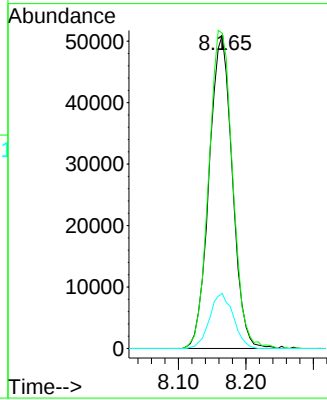
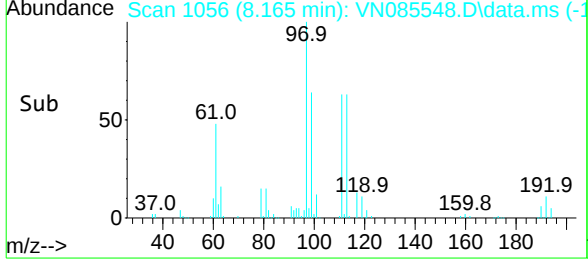
Tgt Ion:	113	Resp:	121796
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.7	124.1
192	18.0	14.3	21.5

Manual Integrations

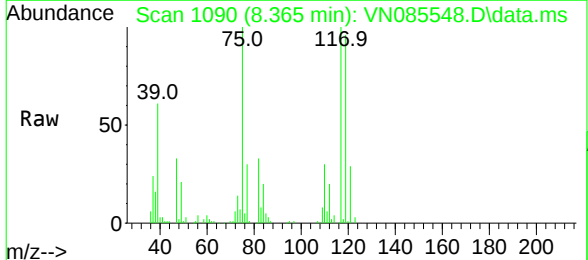
APPROVED

Reviewed By :John Carlone 01/30/2025

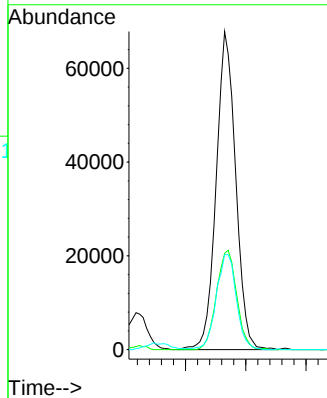
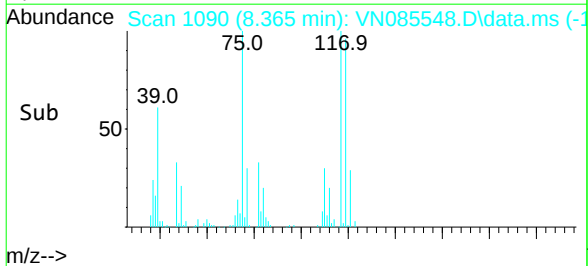
Supervised By :Mahesh Dadoda 01/30/2025

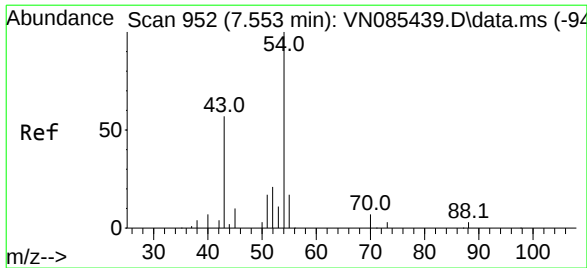


#36
 1,1-Dichloropropene
 Concen: 49.744 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VN085548.D
 Acq: 29 Jan 2025 11:08



Tgt Ion:	75	Resp:	152490
Ion	Ratio	Lower	Upper
75	100		
110	32.4	16.5	49.5
77	31.0	24.4	36.6





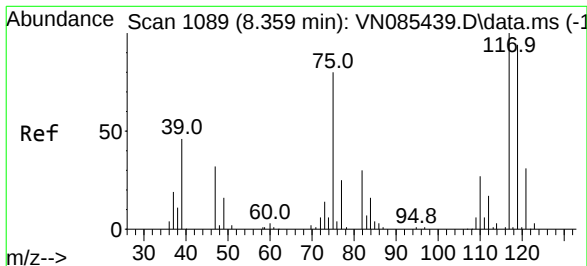
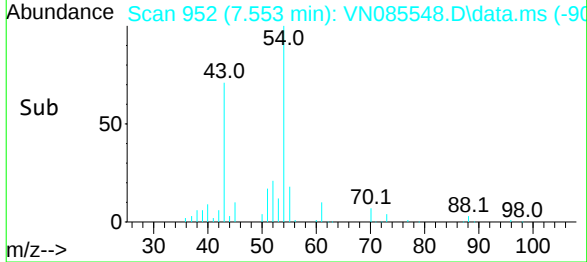
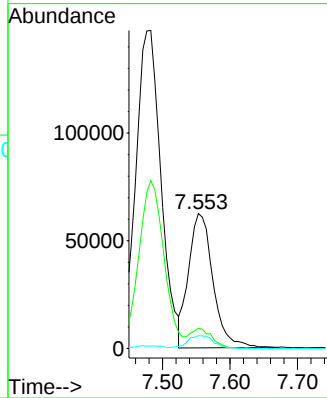
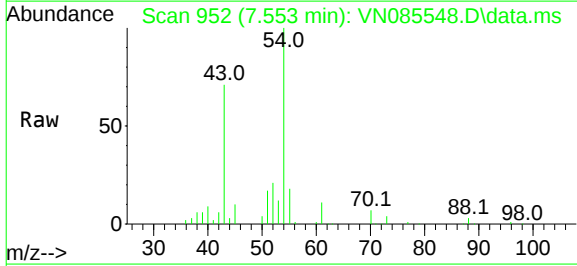
#37
Ethyl Acetate
Concen: 50.645 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 156704
Ion Ratio Lower Upper
43 100
61 13.1 10.9 16.3
70 10.1 7.5 11.3

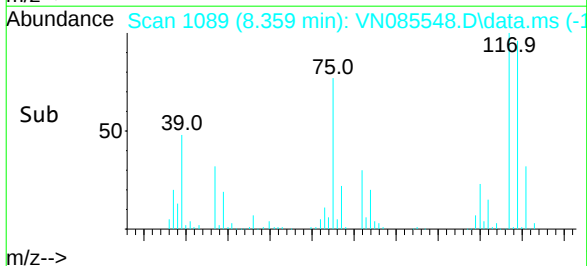
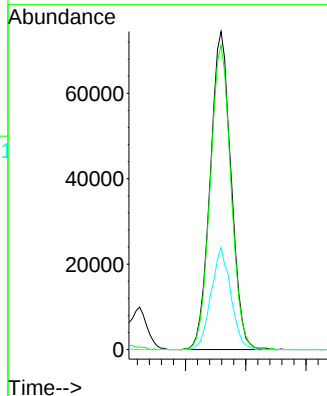
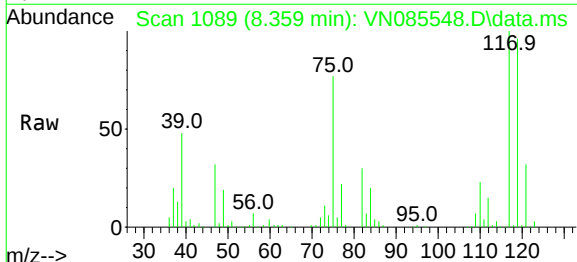
Manual Integrations
APPROVED

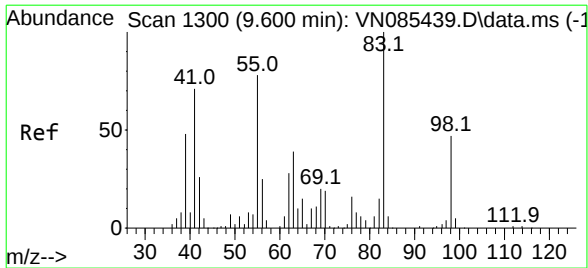
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#38
Carbon Tetrachloride
Concen: 50.934 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion:117 Resp: 178752
Ion Ratio Lower Upper
117 100
119 95.7 75.4 113.2
121 32.1 24.6 37.0





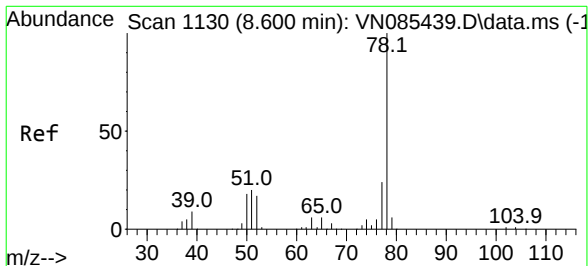
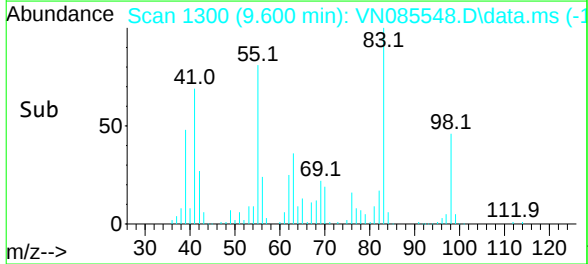
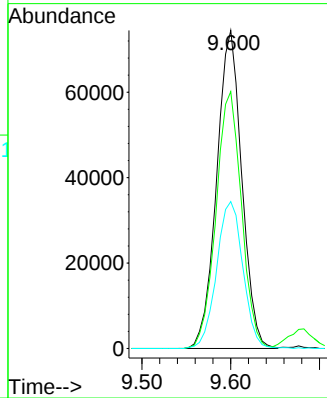
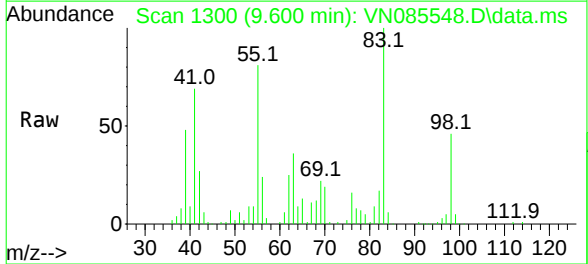
#39
Methylcyclohexane
Concen: 50.729 ug/l
RT: 9.600 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 146134
Ion Ratio Lower Upper
83 100
55 80.8 62.6 94.0
98 46.2 37.7 56.5

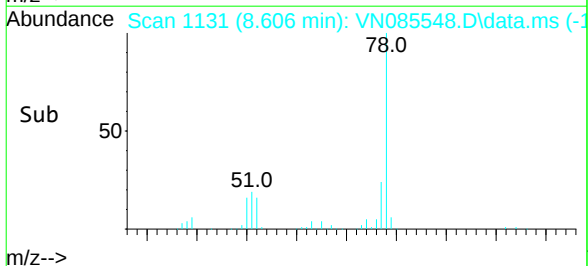
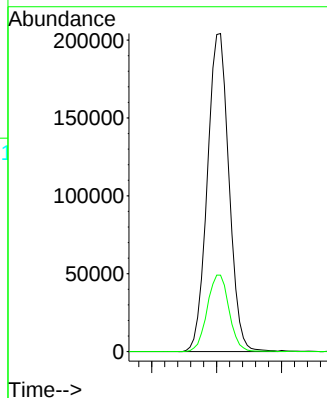
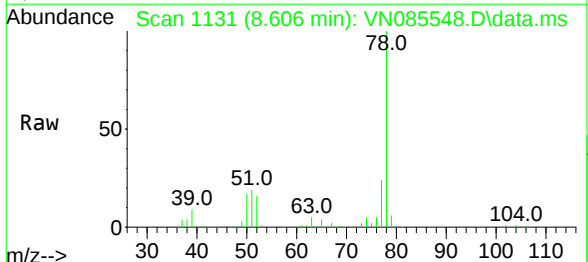
Manual Integrations
APPROVED

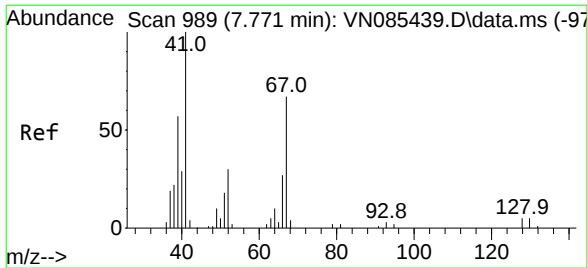
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#40
Benzene
Concen: 51.295 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion: 78 Resp: 472467
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





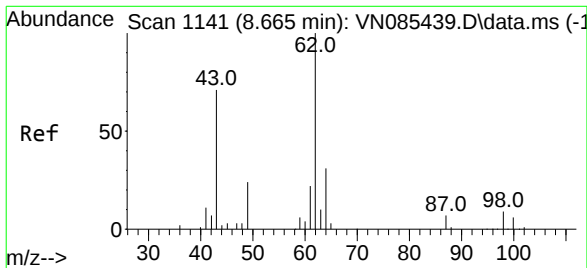
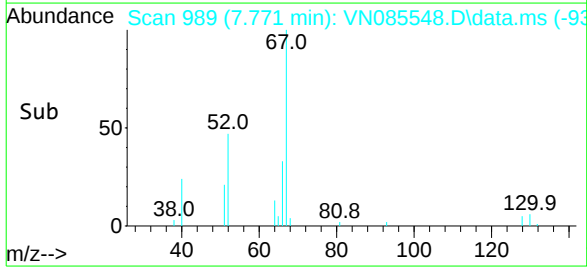
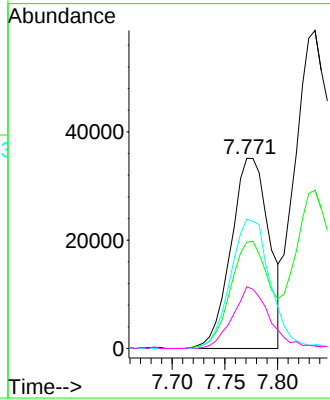
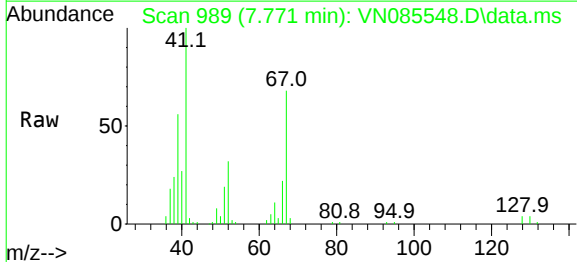
#41
Methacrylonitrile
Concen: 54.633 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	87947
Ion	Ratio	Lower	Upper
41	100		
39	57.3	46.0	69.0
67	71.5	57.4	86.2
52	31.9	25.5	38.3

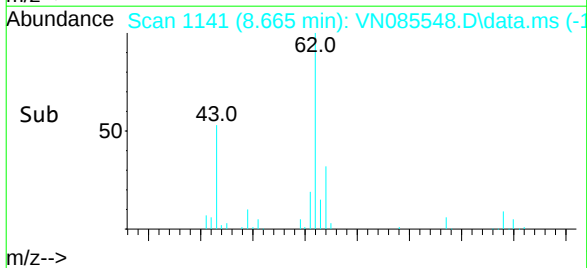
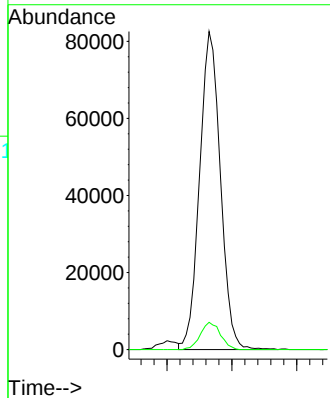
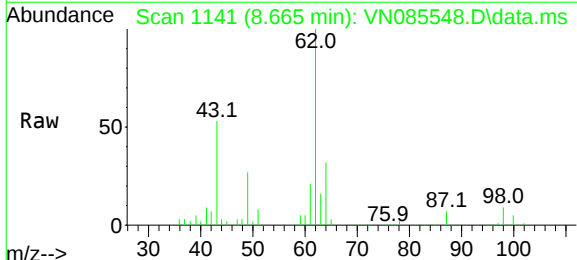
Manual Integrations
APPROVED

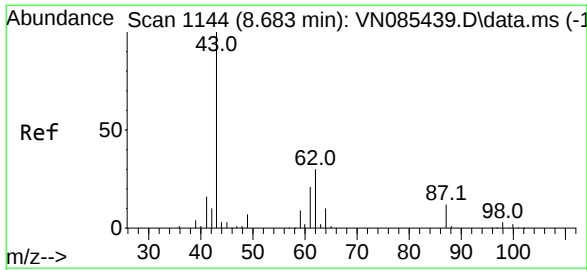
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#42
1,2-Dichloroethane
Concen: 52.978 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion:	62	Resp:	183786
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





#43

Isopropyl Acetate

Concen: 53.590 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

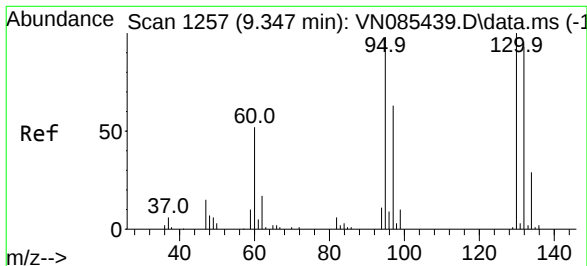
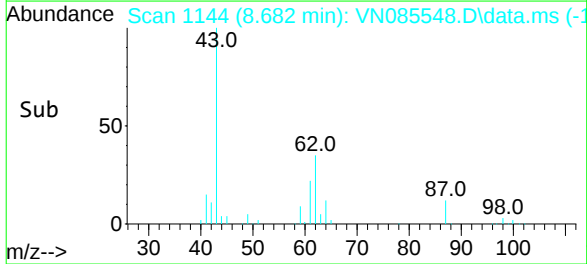
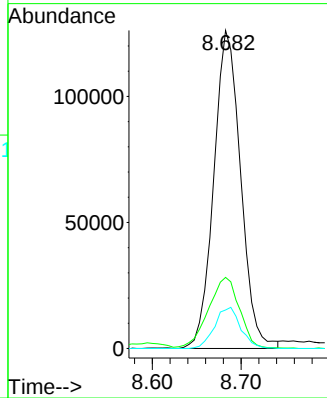
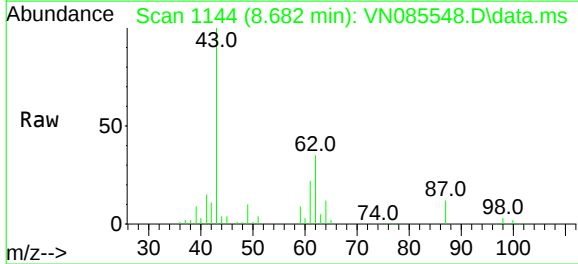
Tgt Ion:	43	Resp:	265698
Ion	Ratio	Lower	Upper
43	100		
61	26.0	20.7	31.1
87	12.5	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#44

Trichloroethene

Concen: 49.626 ug/l

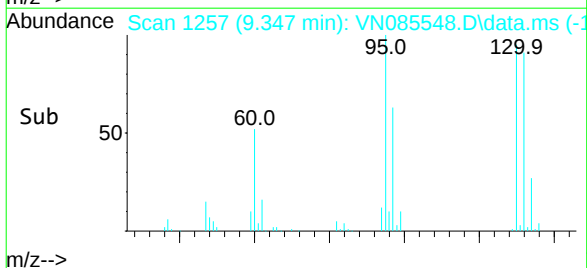
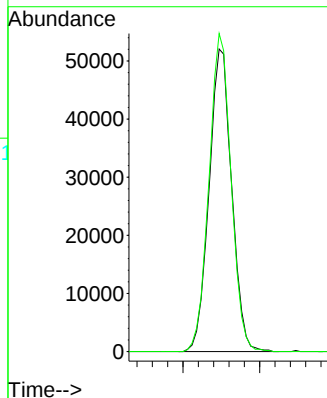
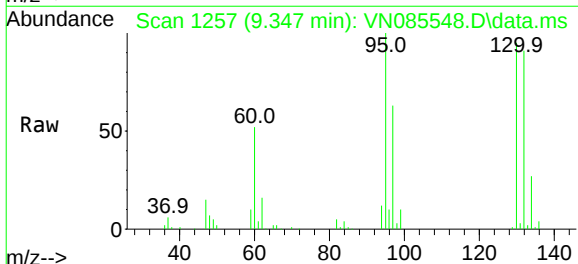
RT: 9.347 min Scan# 1257

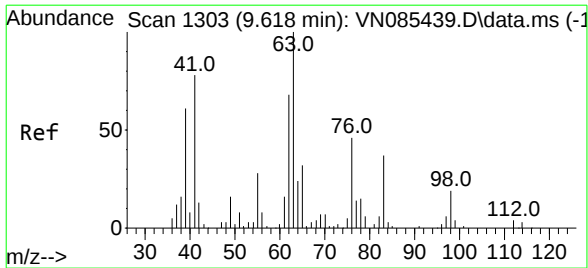
Delta R.T. -0.000 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

Tgt Ion:	130	Resp:	106402
Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	195.8





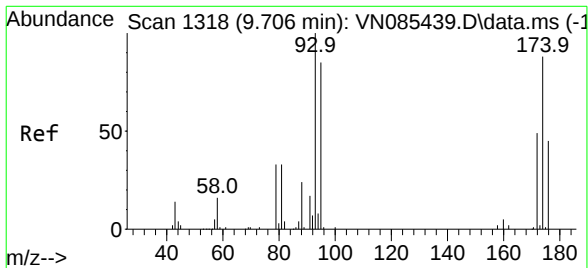
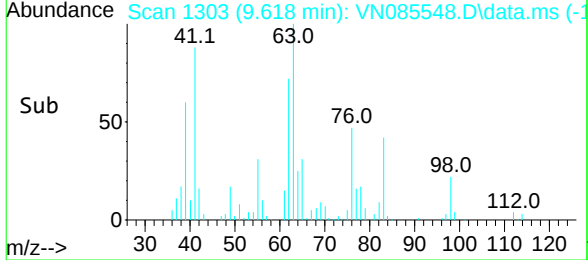
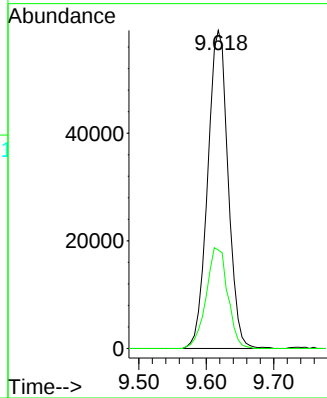
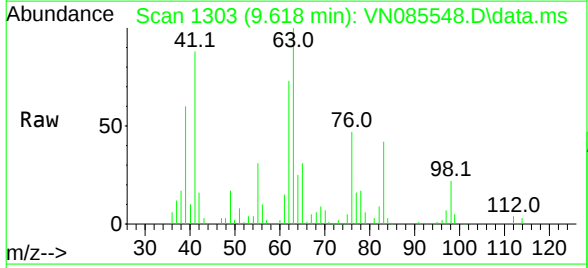
#45
1,2-Dichloropropane
Concen: 52.676 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 123931
Ion Ratio Lower Upper
63 100
65 31.0 25.6 38.4

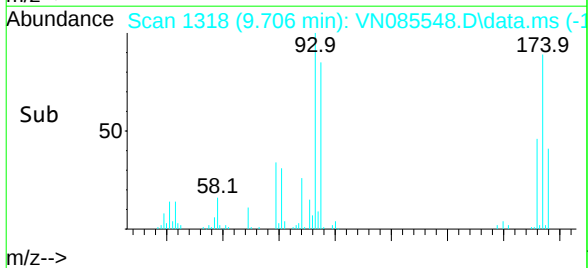
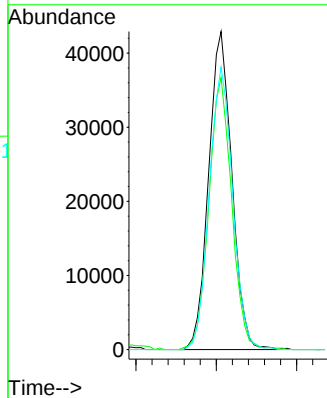
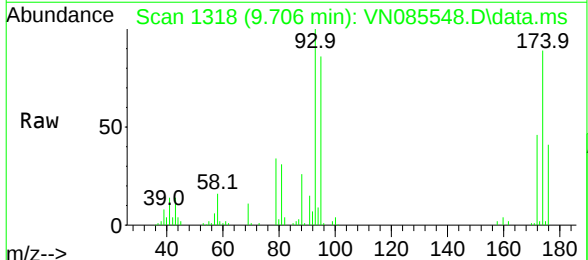
Manual Integrations
APPROVED

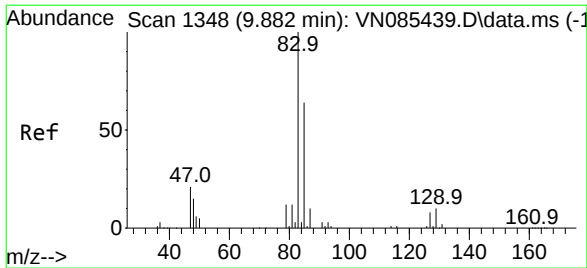
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#46
Dibromomethane
Concen: 50.807 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion: 93 Resp: 86251
Ion Ratio Lower Upper
93 100
95 84.1 64.7 97.1
174 89.7 69.0 103.4





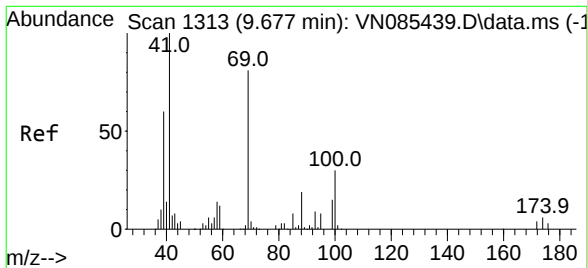
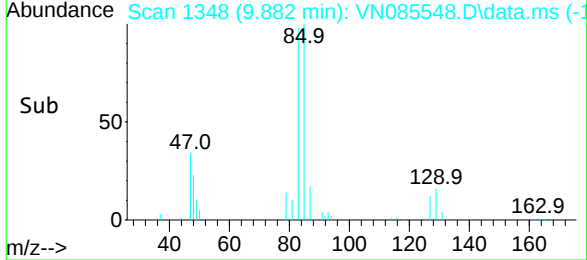
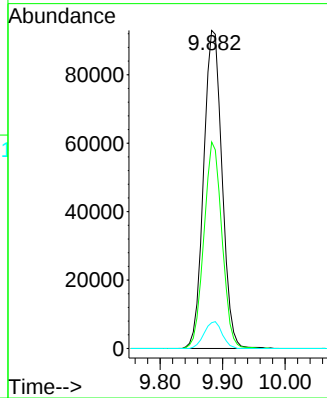
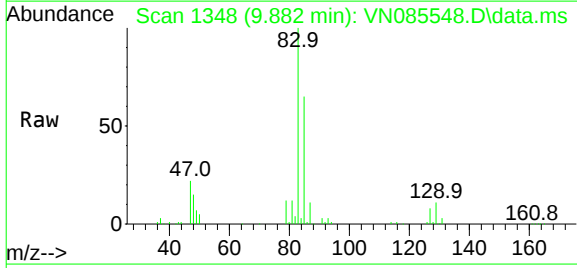
#47
Bromodichloromethane
Concen: 55.019 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 190286
Ion Ratio Lower Upper
83 100
85 64.9 51.2 76.8
127 8.1 6.5 9.7

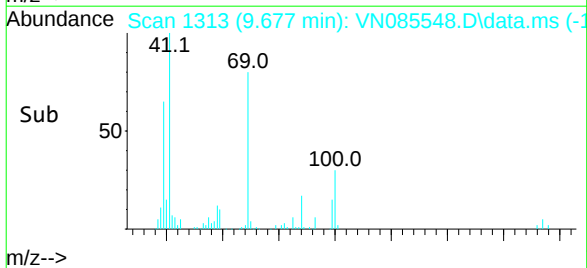
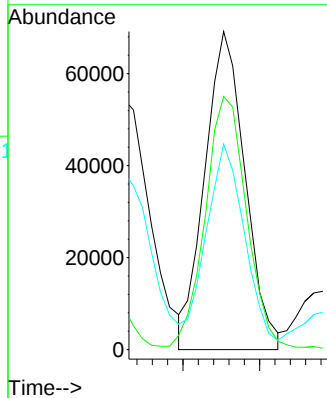
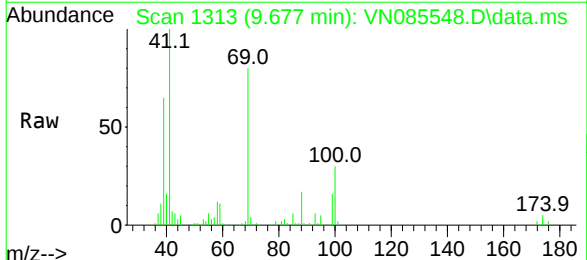
Manual Integrations
APPROVED

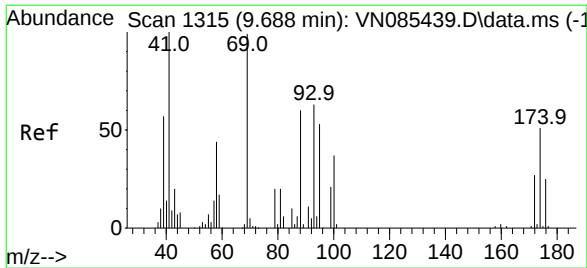
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#48
Methyl methacrylate
Concen: 56.527 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

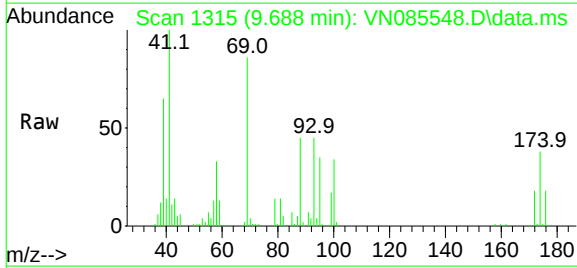
Tgt Ion: 41 Resp: 126123
Ion Ratio Lower Upper
41 100
69 82.6 64.7 97.1
39 62.8 49.0 73.6





#49
1,4-Dioxane
Concen: 1118.996 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

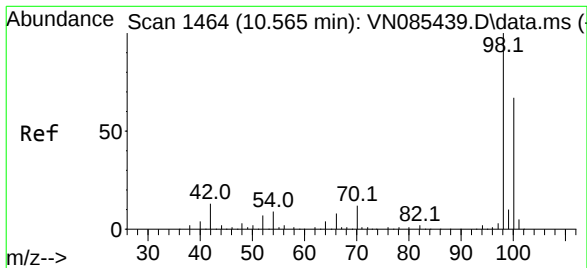
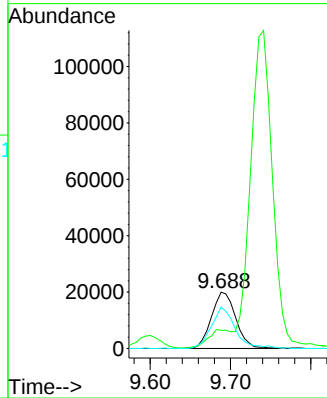
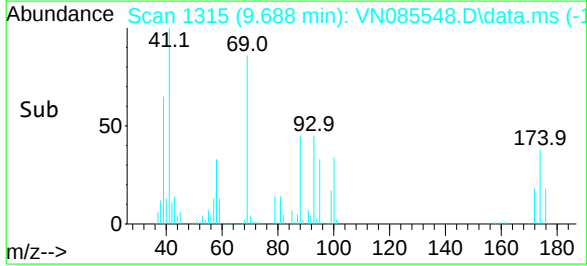
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 42044
Ion Ratio Lower Upper
88 100
43 29.9 26.6 39.8
58 72.6 59.5 89.3

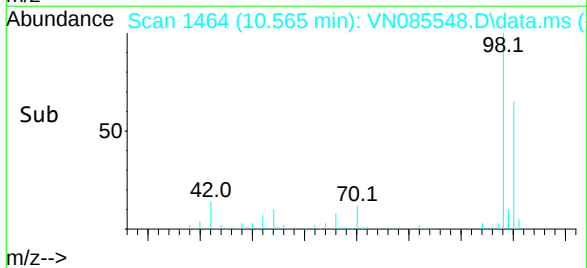
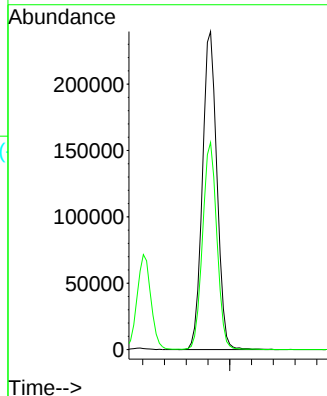
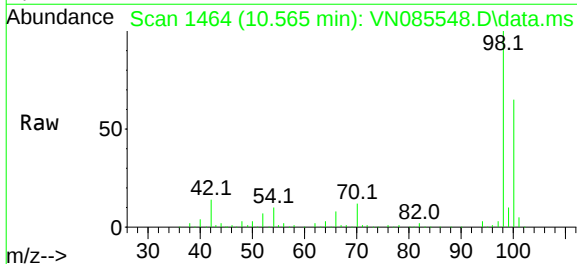
Manual Integrations
APPROVED

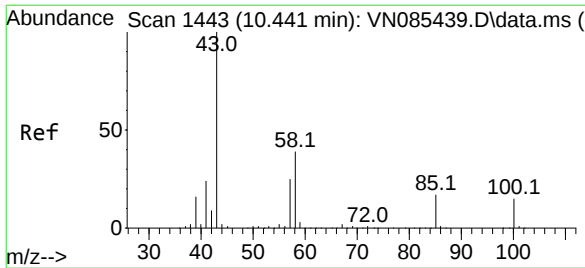
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#50
Toluene-d8
Concen: 57.152 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion: 98 Resp: 443525
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4





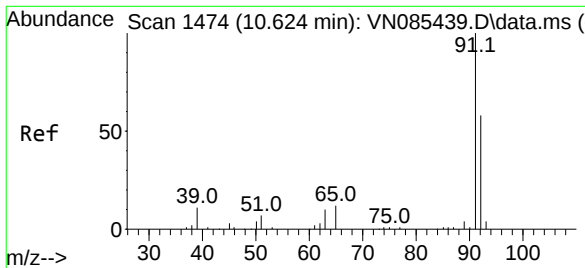
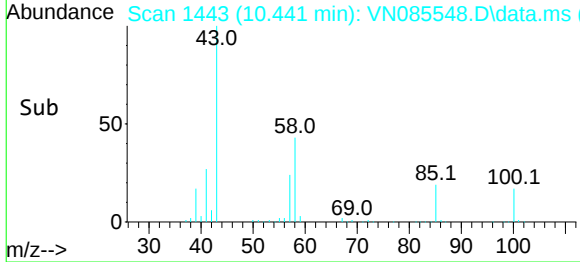
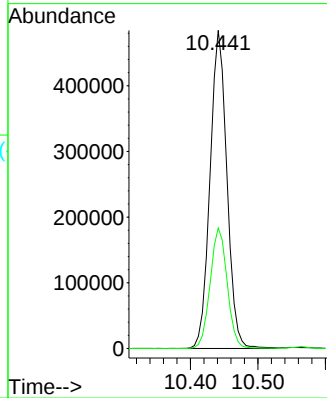
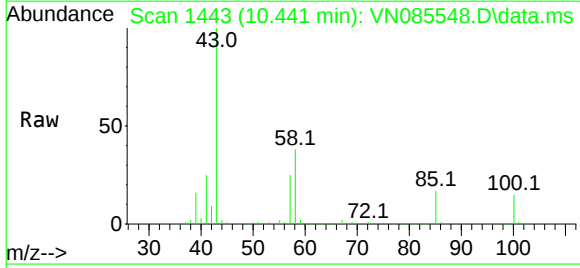
#51
4-Methyl-2-Pentanone
Concen: 292.481 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 841478
Ion Ratio Lower Upper
43 100
58 38.2 30.5 45.7

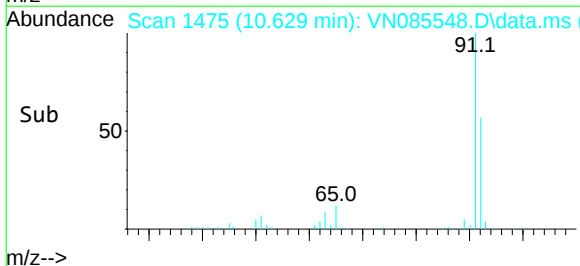
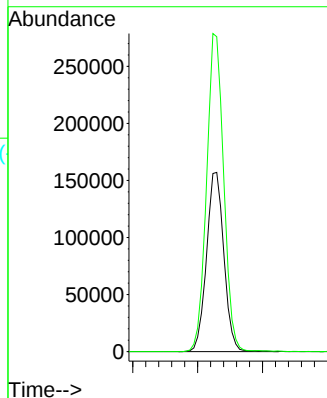
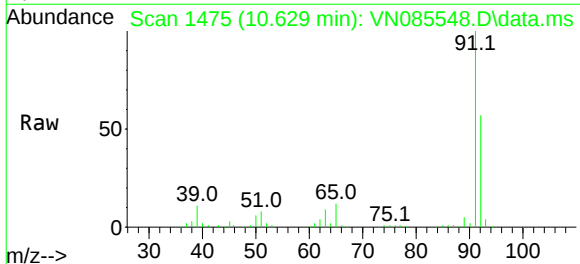
Manual Integrations
APPROVED

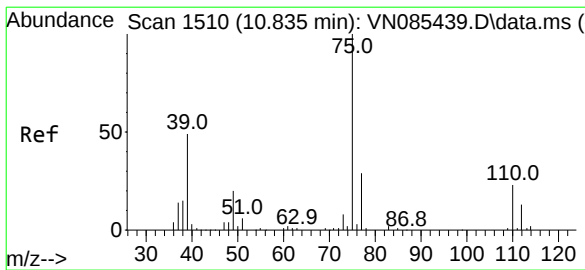
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#52
Toluene
Concen: 54.537 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

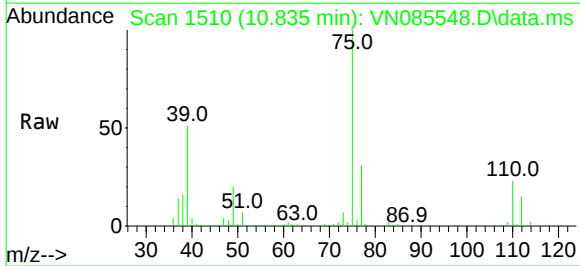
Tgt Ion: 92 Resp: 291059
Ion Ratio Lower Upper
92 100
91 175.7 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 55.275 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

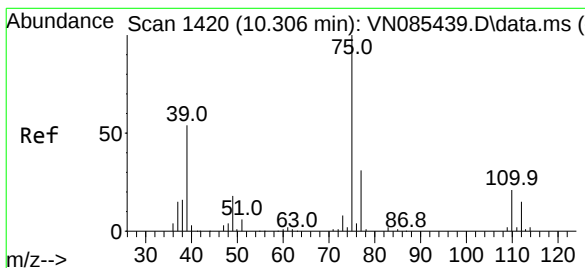
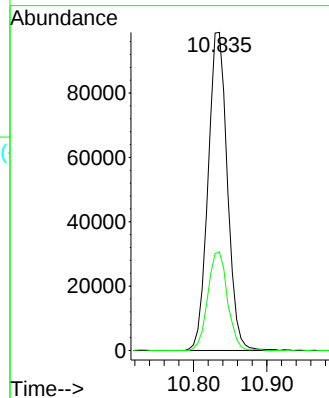
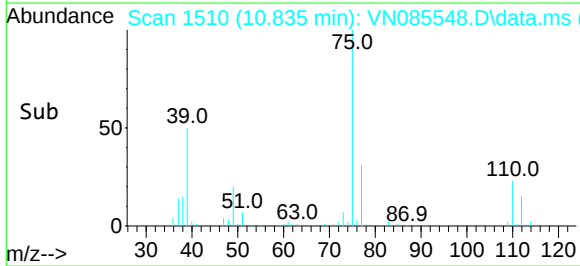
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



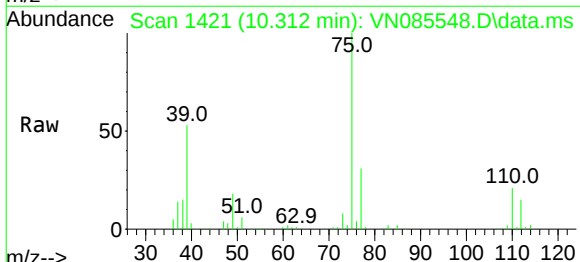
Tgt Ion: 75 Resp: 180662
Ion Ratio Lower Upper
75 100
77 31.0 23.5 35.3

Manual Integrations
APPROVED

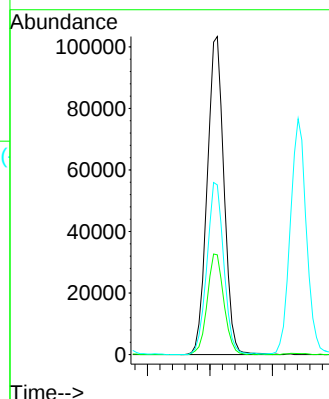
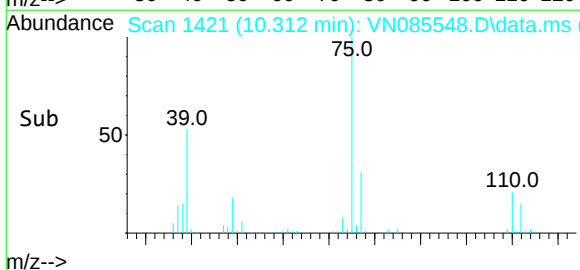
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#54
cis-1,3-Dichloropropene
Concen: 55.213 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08



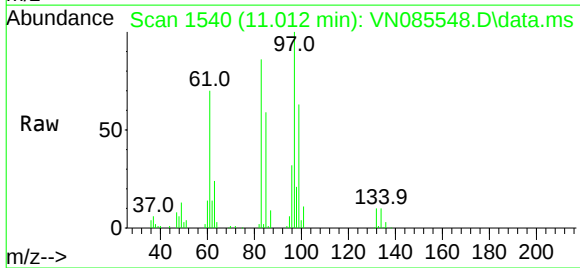
Tgt Ion: 75 Resp: 192761
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 53.4 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 54.555 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

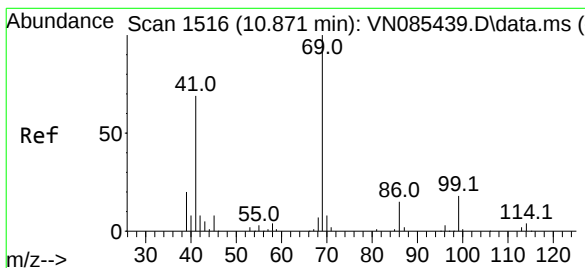
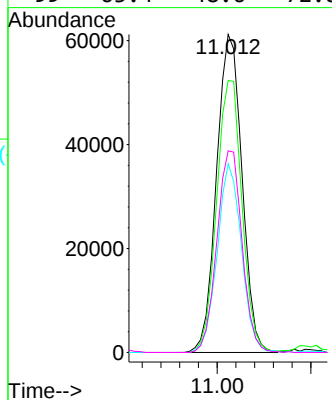
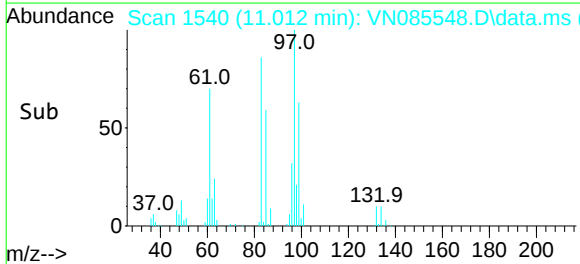
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



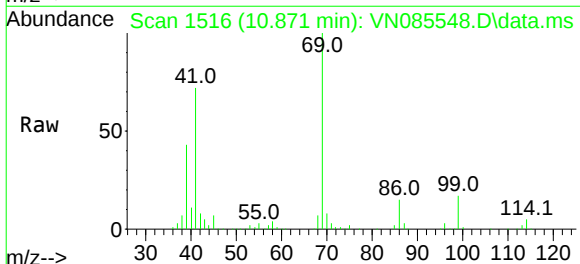
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.0	103.6
85	59.3	44.6	66.8
99	63.4	48.6	72.8

Manual Integrations
APPROVED

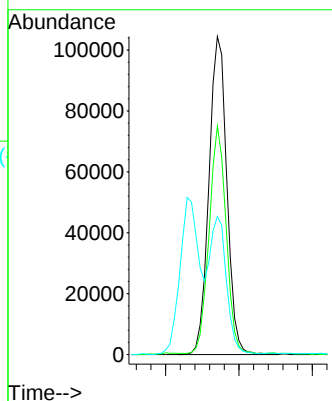
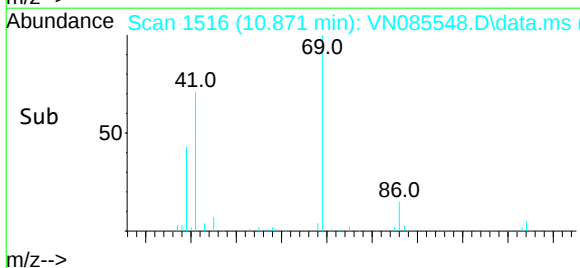
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

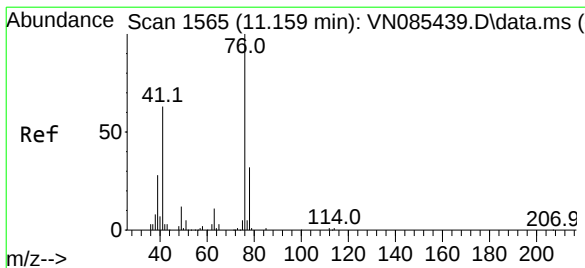


#56
Ethyl methacrylate
Concen: 49.794 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08



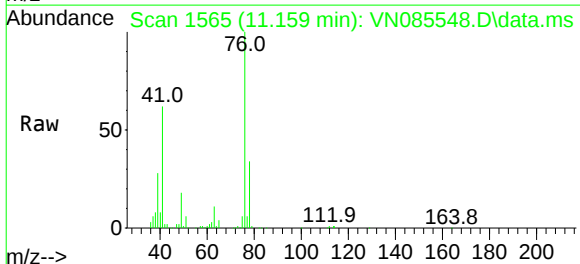
Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.6	82.0
39	40.6	32.4	48.6





#57
1,3-Dichloropropane
Concen: 54.627 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

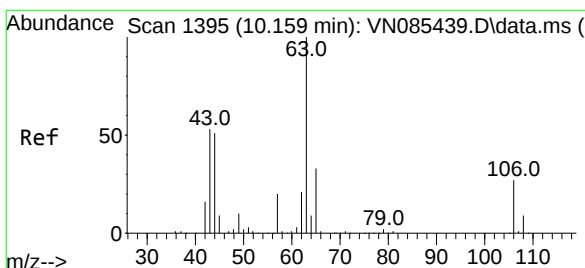
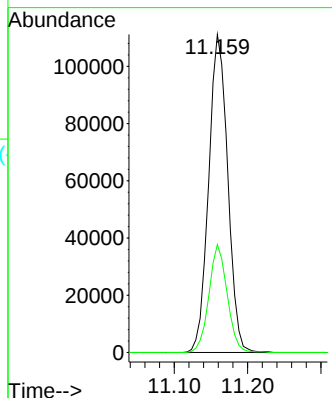
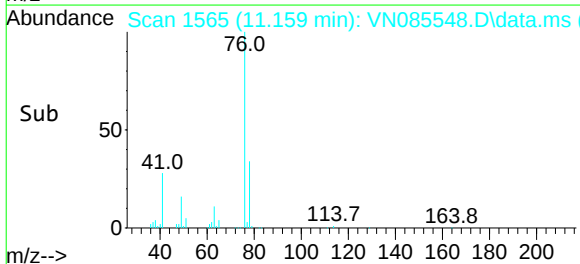
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 200617
Ion Ratio Lower Upper
76 100
78 32.6 25.6 38.4

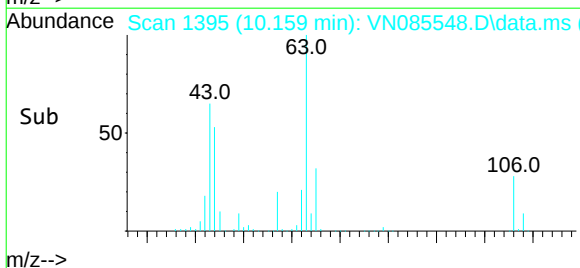
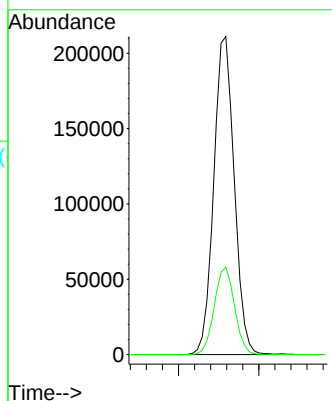
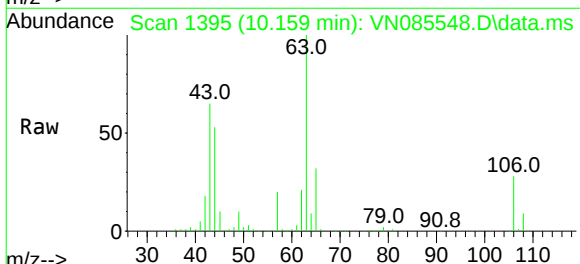
Manual Integrations
APPROVED

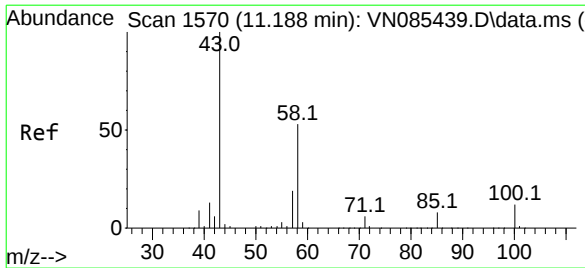
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#58
2-Chloroethyl Vinyl ether
Concen: 278.738 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion: 63 Resp: 373597
Ion Ratio Lower Upper
63 100
106 27.2 21.6 32.4





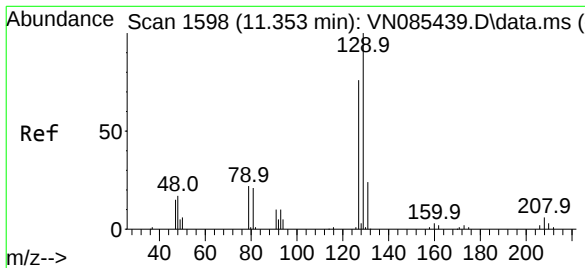
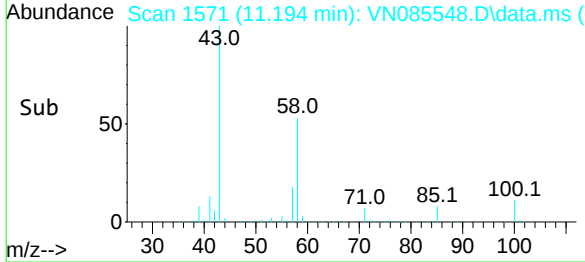
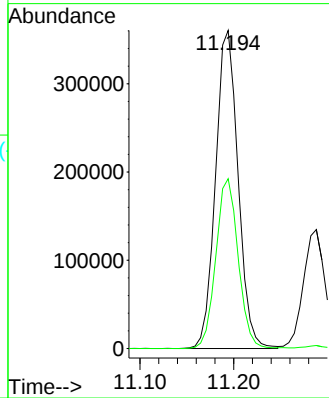
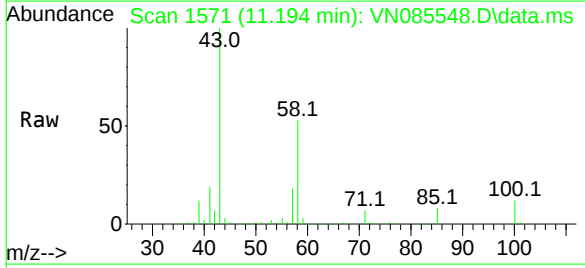
#59
2-Hexanone
Concen: 297.473 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 602196
Ion Ratio Lower Upper
43 100
58 52.9 26.2 78.6

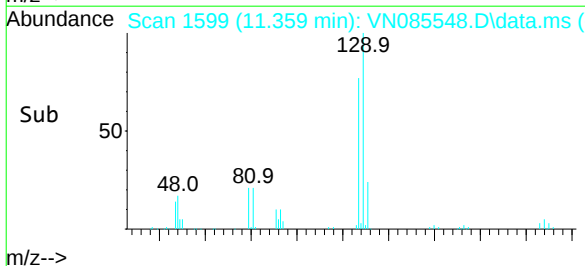
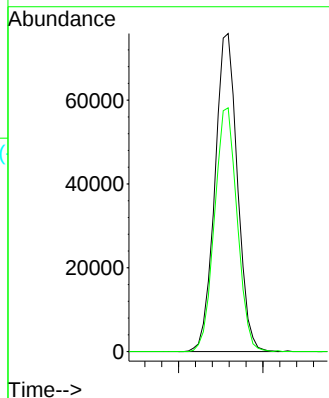
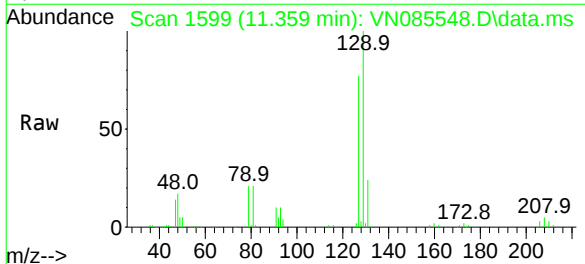
Manual Integrations
APPROVED

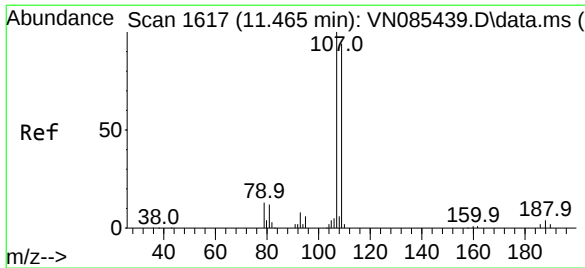
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#60
Dibromochloromethane
Concen: 55.280 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

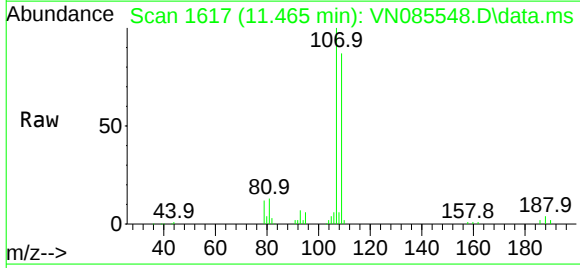
Tgt Ion:129 Resp: 140958
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 53.622 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

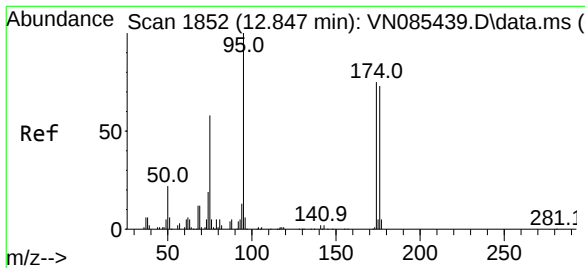
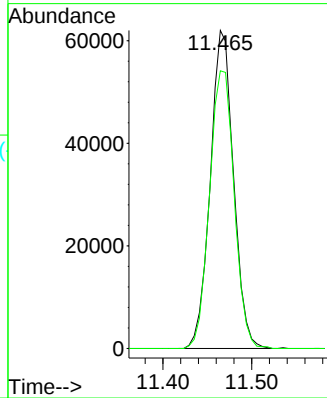
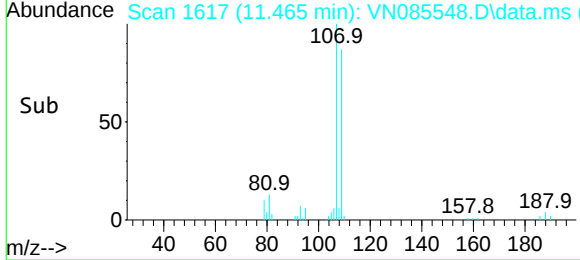
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 107 Resp: 112734
Ion Ratio Lower Upper
107 100
109 92.7 75.9 113.9

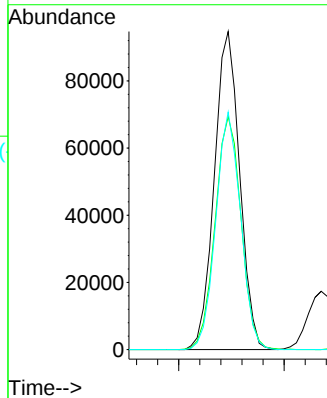
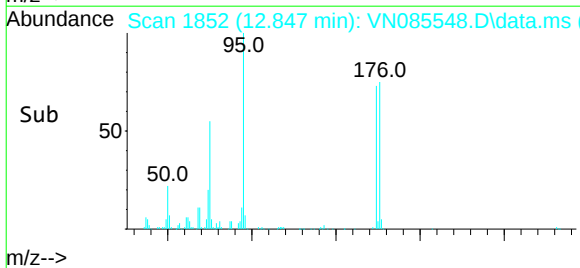
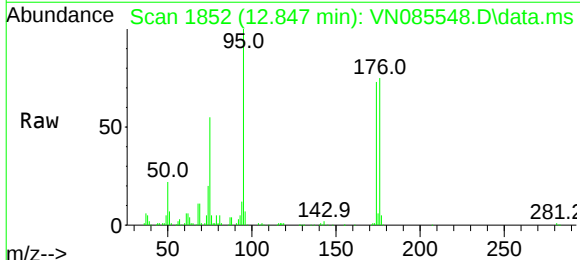
Manual Integrations
APPROVED

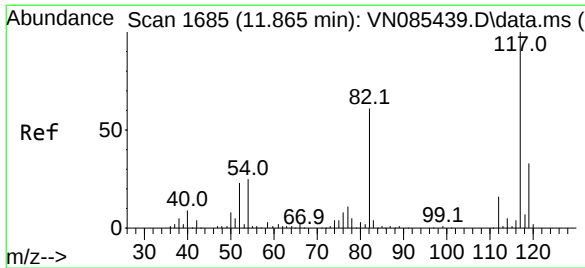
Reviewed By : John Carlone 01/30/2025
Supervised By : Mahesh Dadoda 01/30/2025



#62
4-Bromofluorobenzene
Concen: 59.631 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion: 95 Resp: 158301
Ion Ratio Lower Upper
95 100
174 74.9 0.0 145.0
176 72.9 0.0 142.4





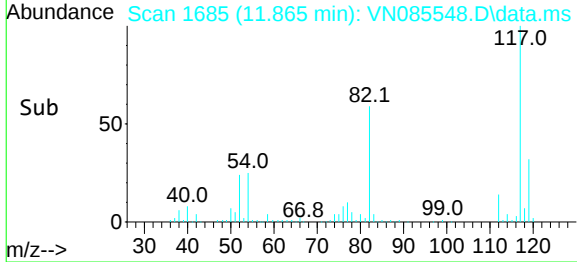
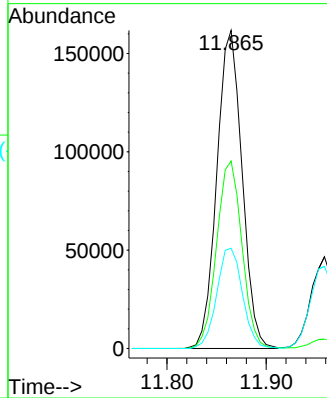
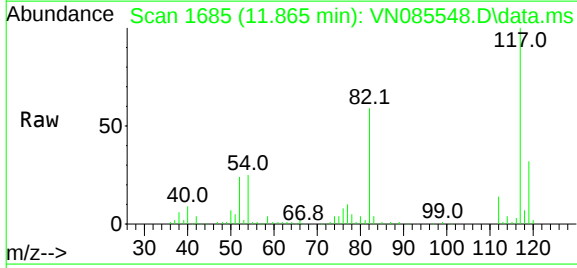
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	117	Resp:	285899
Ion Ratio	Lower	Upper	
117	100		
82	58.9	48.6	72.8
119	31.5	26.6	39.8

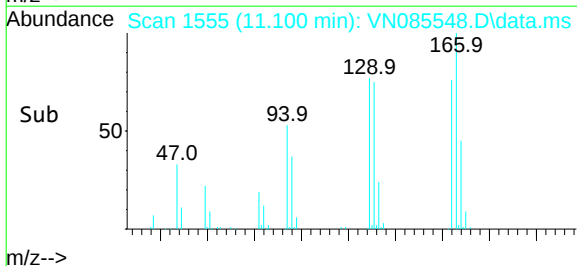
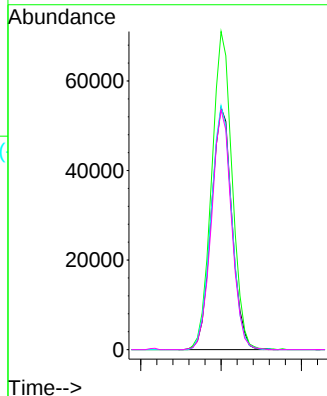
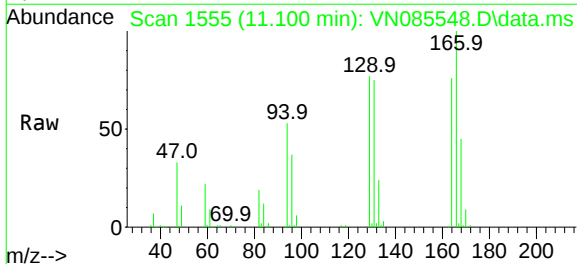
Manual Integrations
APPROVED

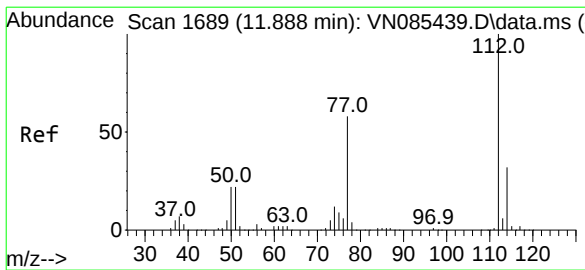
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#64
Tetrachloroethene
Concen: 49.798 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion:	164	Resp:	97060
Ion Ratio	Lower	Upper	
164	100		
166	131.3	103.4	155.2
129	100.7	79.2	118.8
131	98.9	77.1	115.7





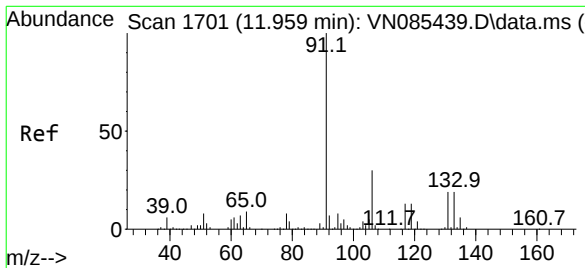
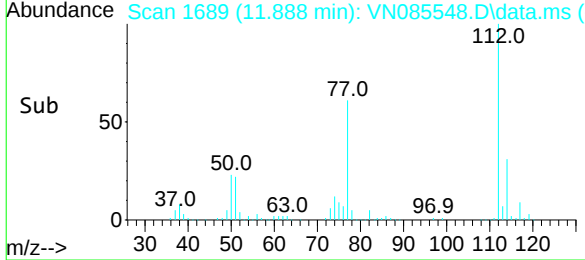
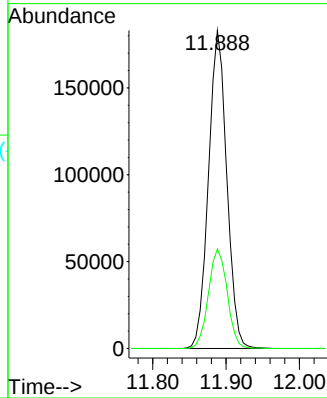
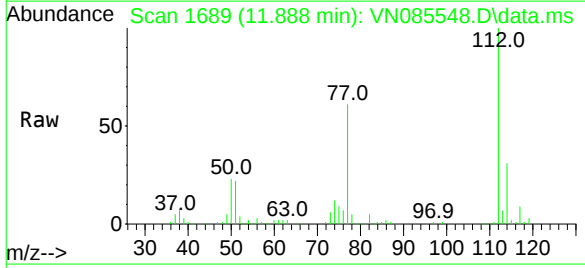
#65
Chlorobenzene
Concen: 50.625 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 317067
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9

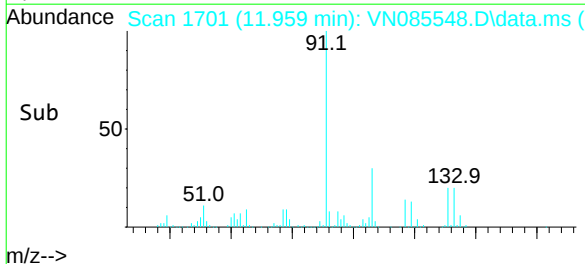
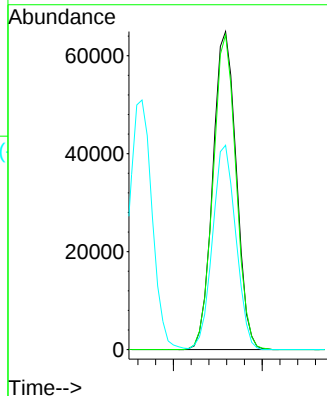
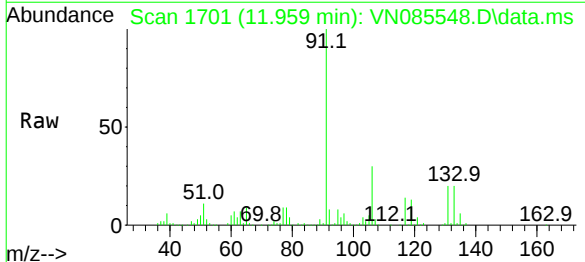
Manual Integrations
APPROVED

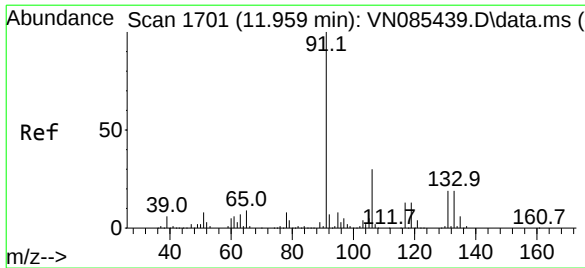
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.774 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion:131 Resp: 119011
Ion Ratio Lower Upper
131 100
133 96.7 47.4 142.3
119 63.9 33.1 99.5





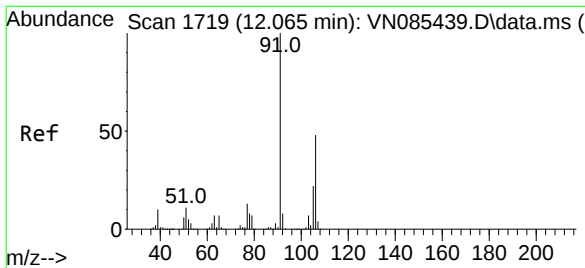
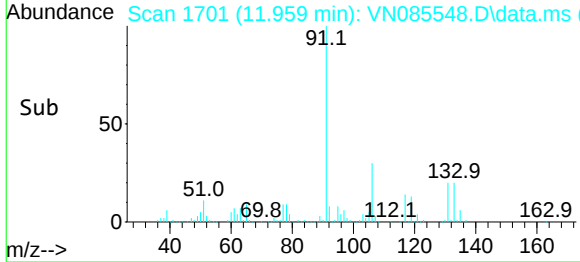
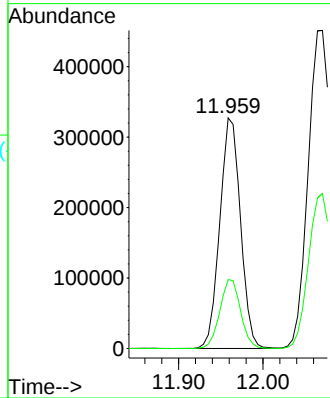
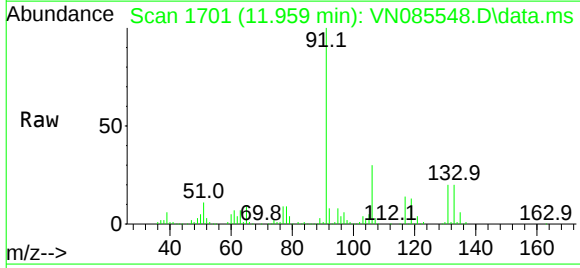
#67
Ethyl Benzene
Concen: 54.719 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 558184
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.8

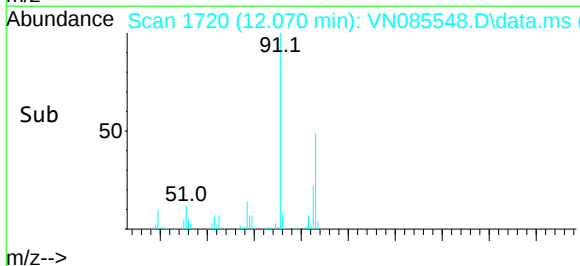
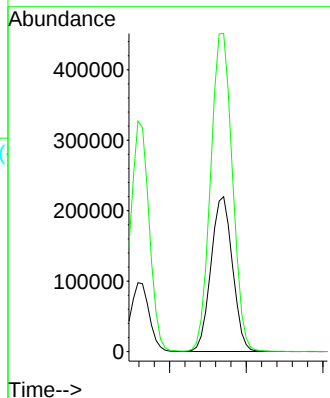
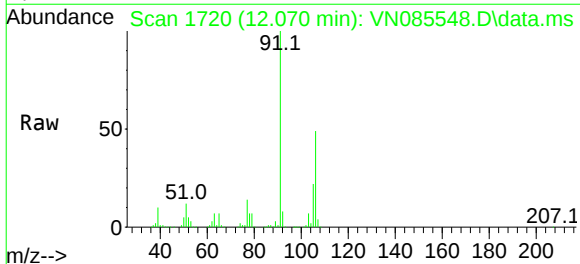
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#68
m/p-Xylenes
Concen: 113.620 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion:106 Resp: 428359
Ion Ratio Lower Upper
106 100
91 208.1 167.7 251.5





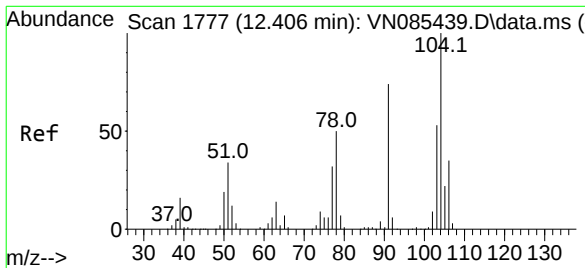
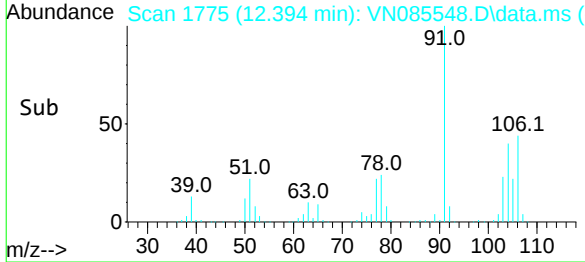
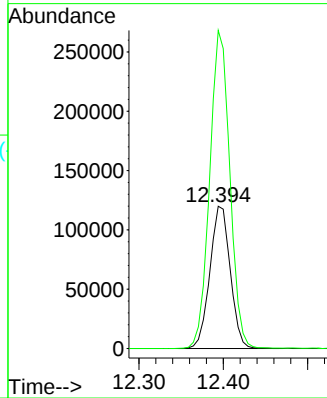
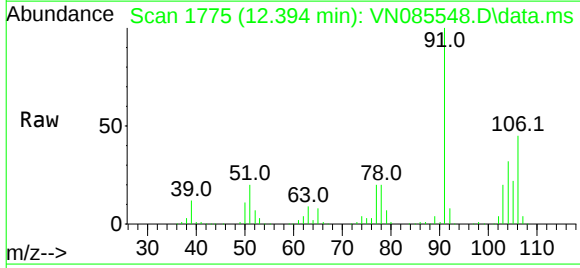
#69
o-Xylene
Concen: 55.920 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 201478
Ion Ratio Lower Upper
106 100
91 221.0 110.4 331.2

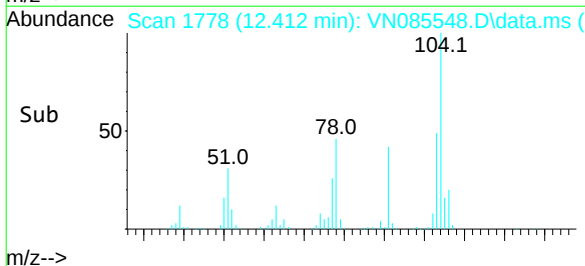
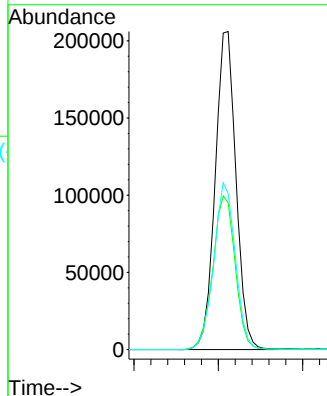
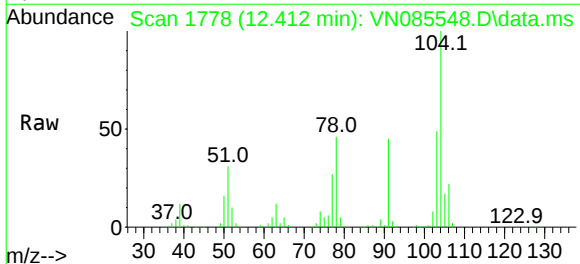
Manual Integrations
APPROVED

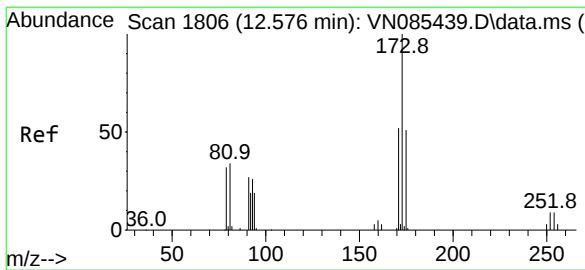
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#70
Styrene
Concen: 59.242 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion:104 Resp: 353248
Ion Ratio Lower Upper
104 100
78 52.0 42.5 63.7
103 54.4 43.8 65.8





#71

Bromoform

Concen: 56.158 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

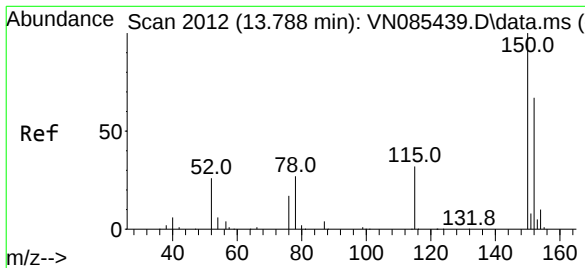
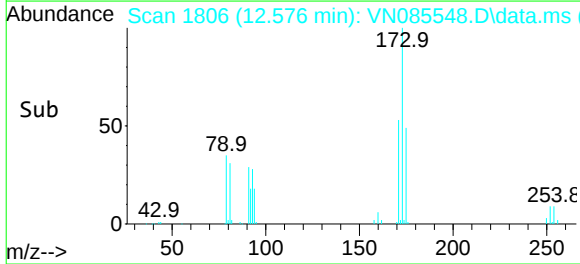
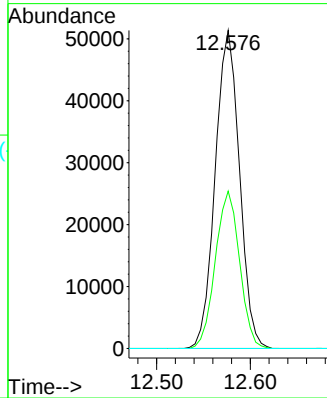
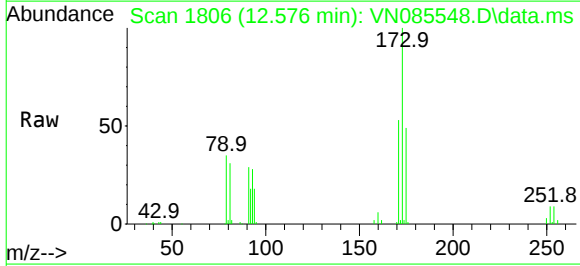
Tgt Ion:	173	Resp:	92365
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

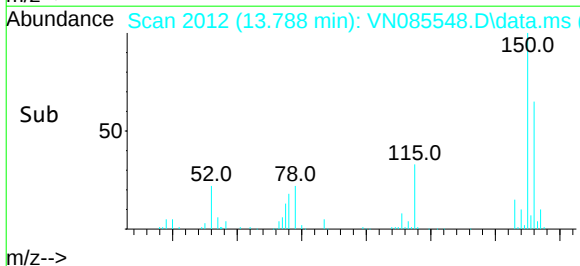
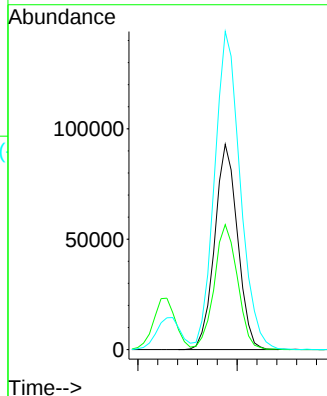
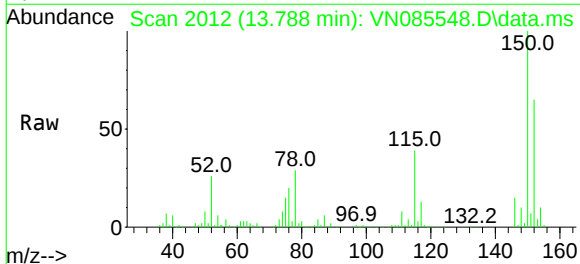
RT: 13.788 min Scan# 2012

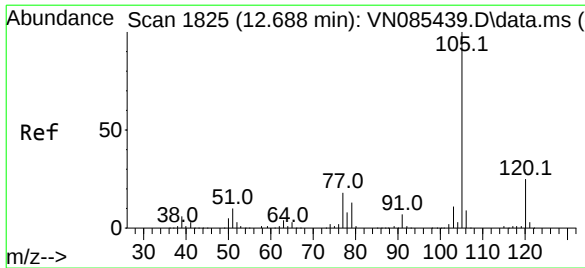
Delta R.T. -0.000 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

Tgt Ion:	152	Resp:	149148
Ion Ratio	Lower	Upper	
152	100		
115	62.0	31.1	93.3
150	174.0	0.0	343.6





#73

Isopropylbenzene

Concen: 51.684 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 520261

Ion Ratio Lower Upper

105 100

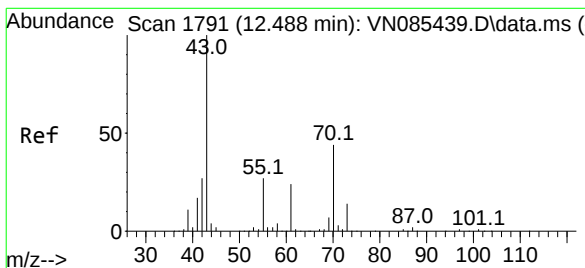
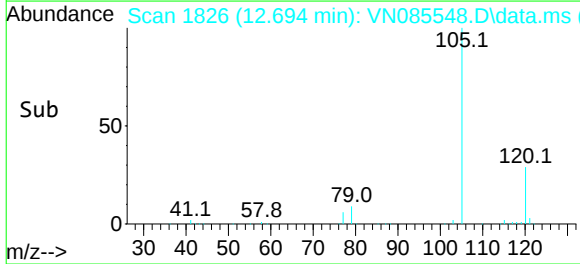
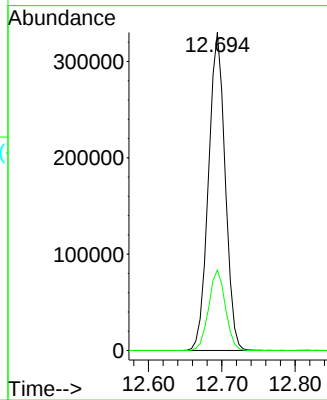
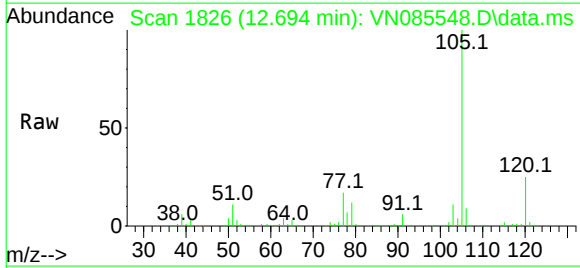
120 25.3 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#74

N-ethyl acetate

Concen: 51.416 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

Tgt Ion: 43 Resp: 232634

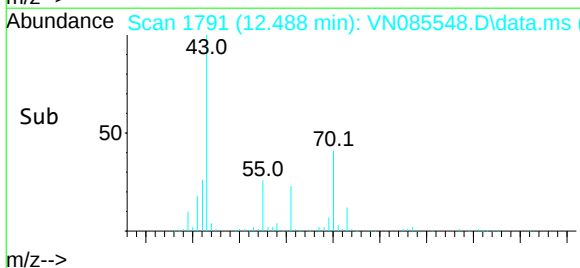
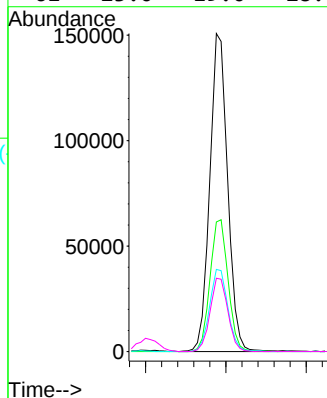
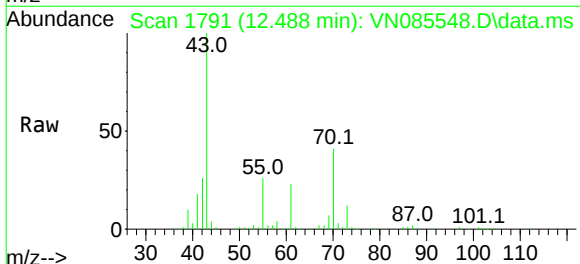
Ion Ratio Lower Upper

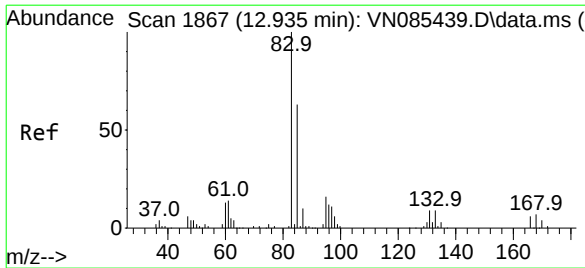
43 100

70 42.0 34.0 51.0

55 26.6 21.4 32.2

61 23.0 19.0 28.4





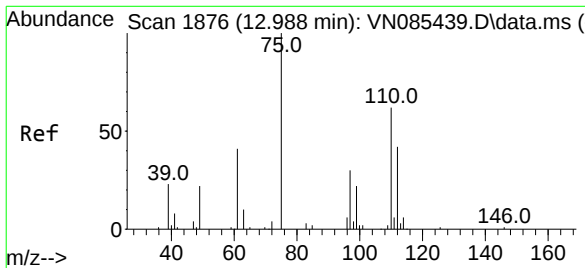
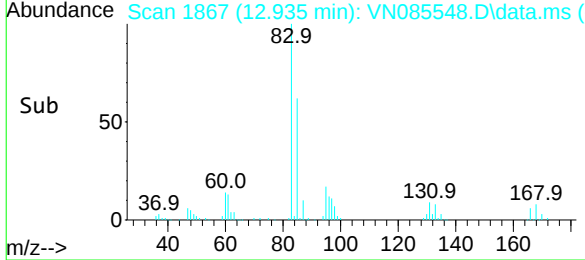
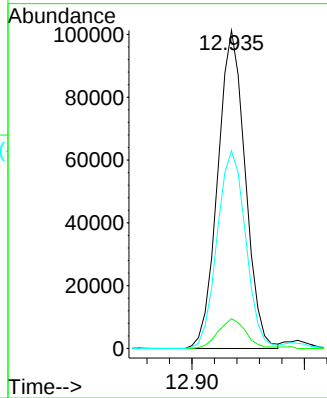
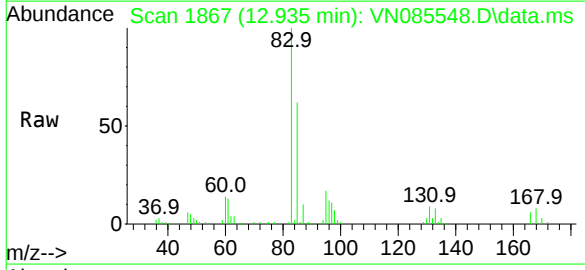
#75
1,1,2,2-Tetrachloroethane
Concen: 48.312 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	83	Resp:	171790
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.8	14.4
85	64.5	32.2	96.6

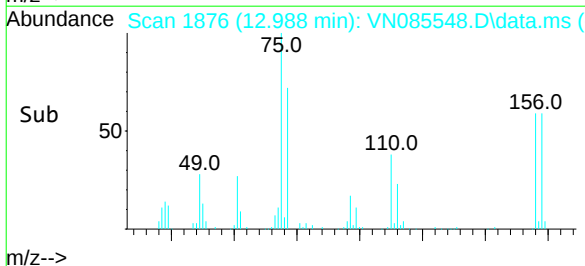
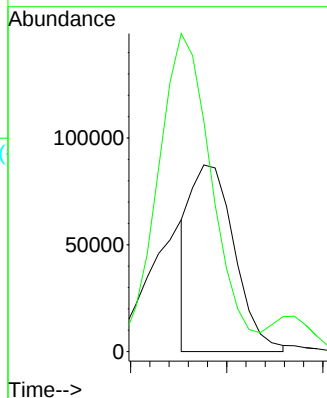
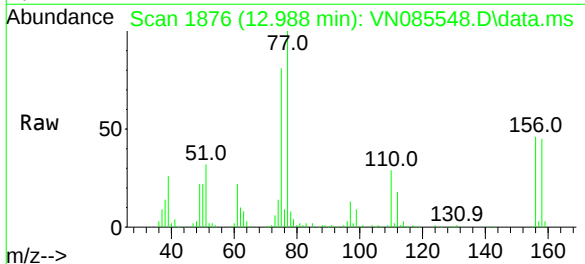
Manual Integrations
APPROVED

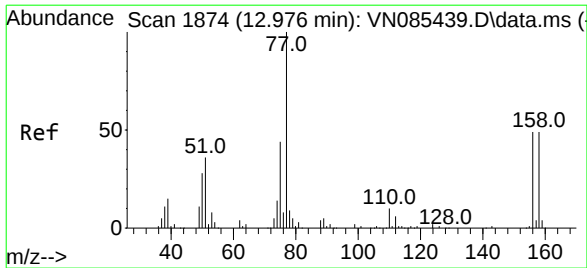
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#76
1,2,3-Trichloropropane
Concen: 45.756 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

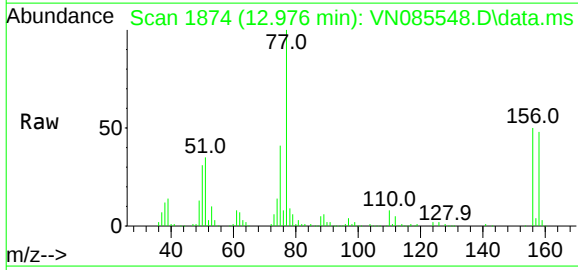
Tgt Ion:	75	Resp:	138709
Ion	Ratio	Lower	Upper
75	100		
77	211.4	109.7	329.2





#77
Bromobenzene
Concen: 49.135 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

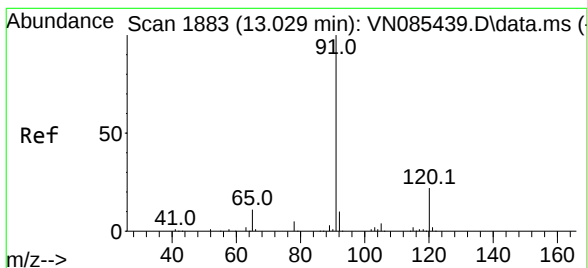
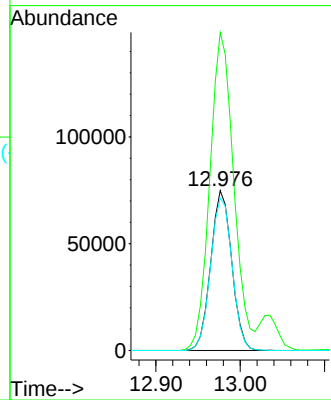
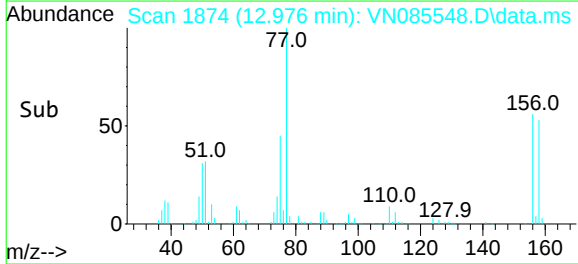
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 129223
Ion Ratio Lower Upper
156 100
77 226.9 114.1 342.4
158 97.8 48.9 146.8

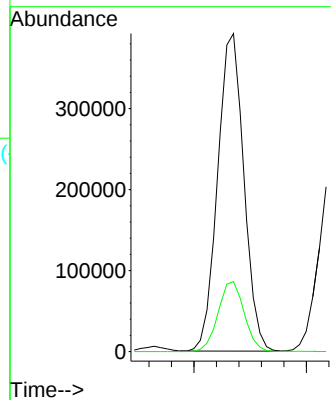
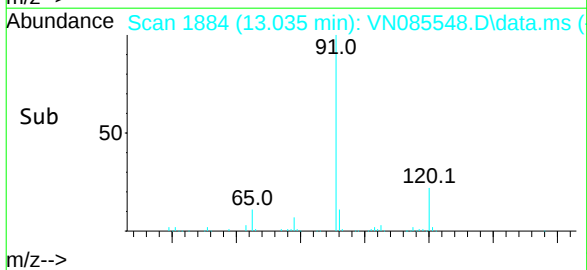
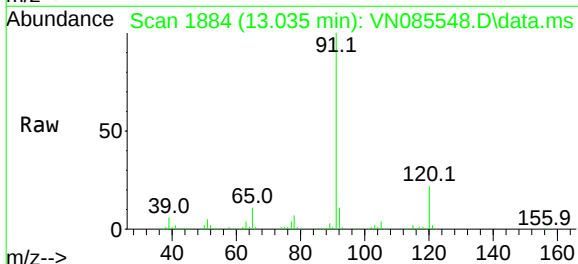
Manual Integrations
APPROVED

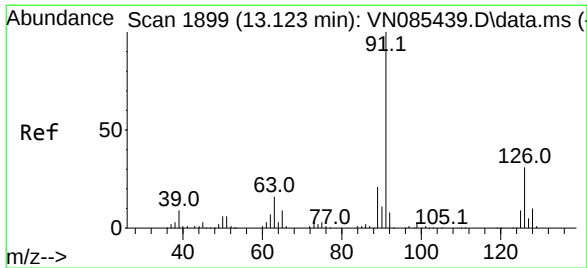
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#78
n-propylbenzene
Concen: 53.259 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion: 91 Resp: 634672
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.6





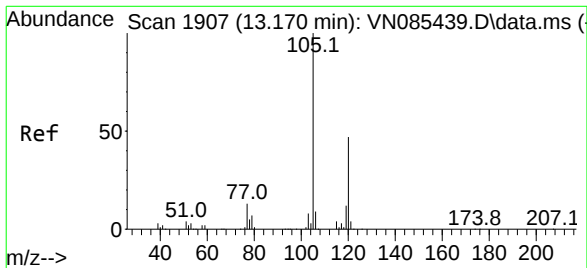
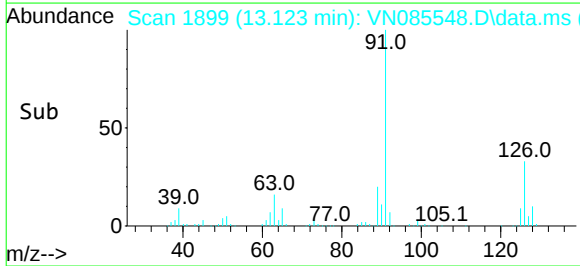
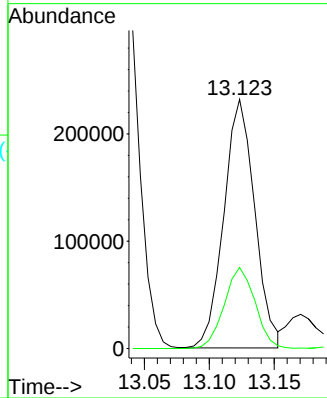
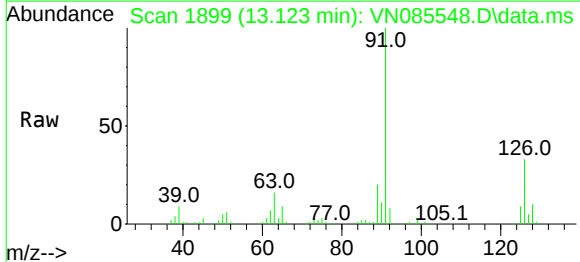
#79
2-Chlorotoluene
Concen: 49.816 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 384203
Ion Ratio Lower Upper
91 100
126 32.4 15.7 47.1

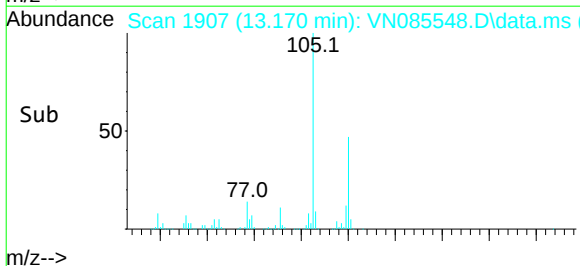
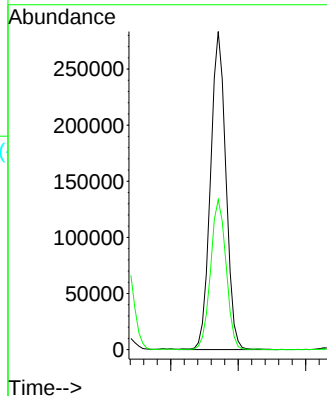
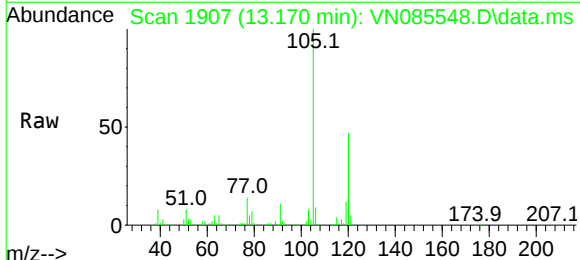
Manual Integrations
APPROVED

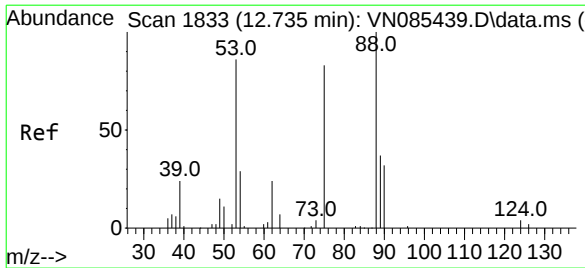
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.997 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion:105 Resp: 448974
Ion Ratio Lower Upper
105 100
120 47.5 23.9 71.7





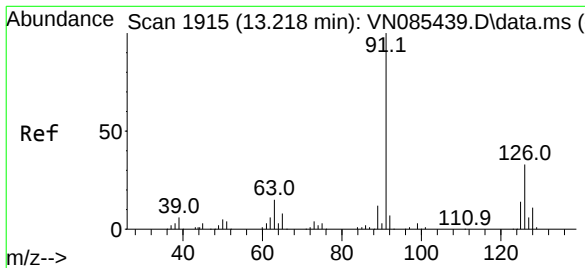
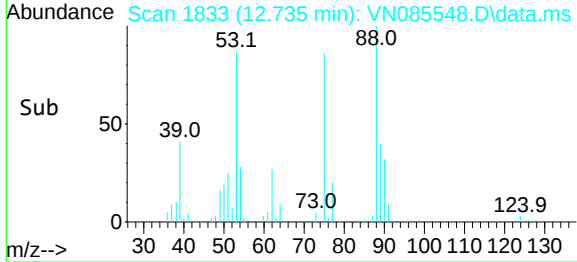
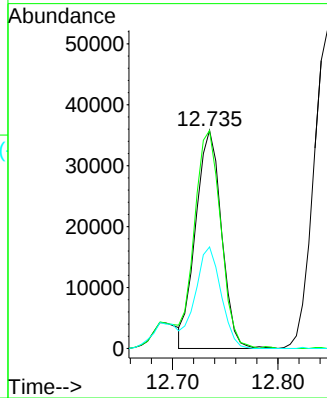
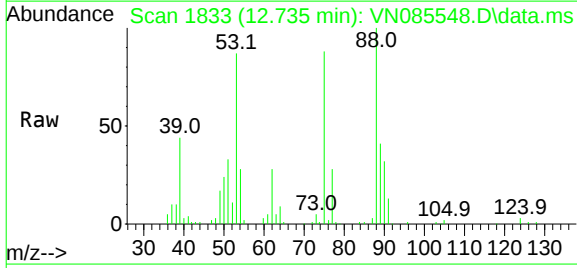
#81
trans-1,4-Dichloro-2-butene
Concen: 54.293 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 60833
Ion Ratio Lower Upper
75 100
53 114.0 95.6 143.4
89 46.5 37.0 55.6

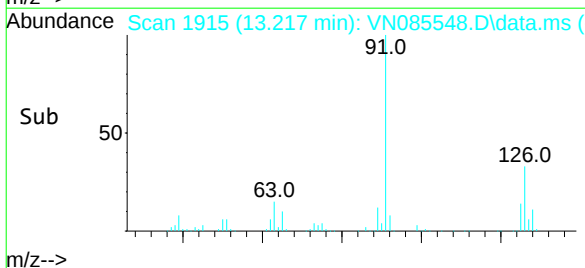
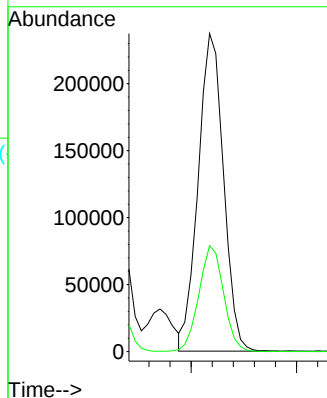
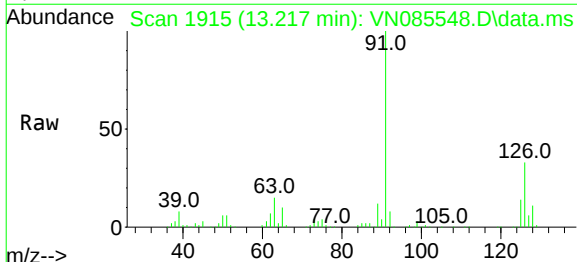
Manual Integrations
APPROVED

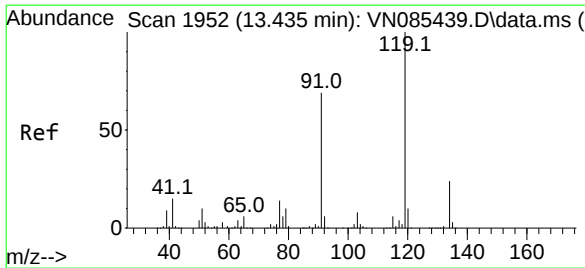
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#82
4-Chlorotoluene
Concen: 51.449 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion: 91 Resp: 395084
Ion Ratio Lower Upper
91 100
126 32.6 15.9 47.7





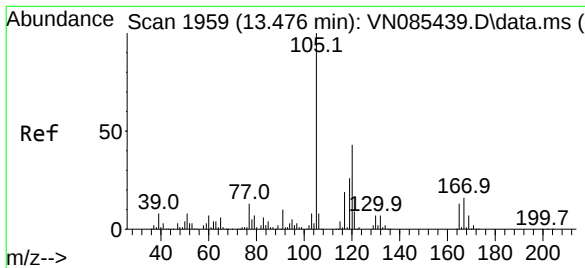
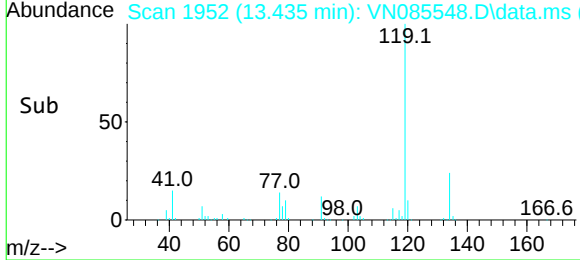
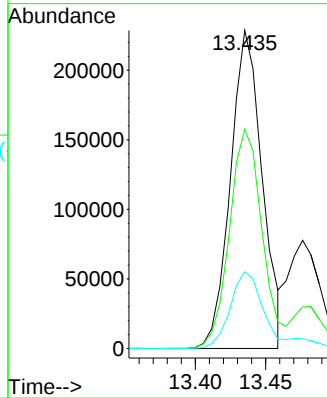
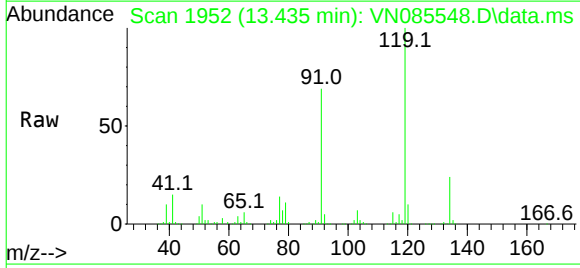
#83
tert-Butylbenzene
Concen: 51.344 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 358511
Ion Ratio Lower Upper
119 100
91 71.5 35.1 105.3
134 24.8 12.0 36.1

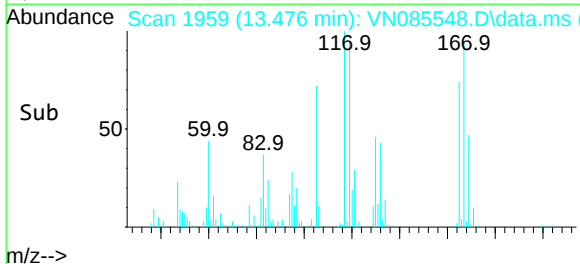
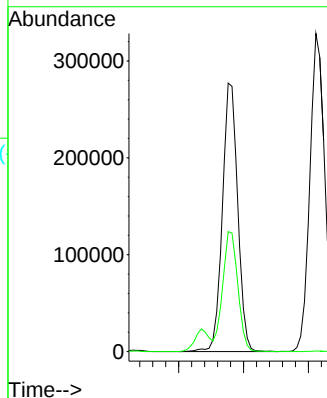
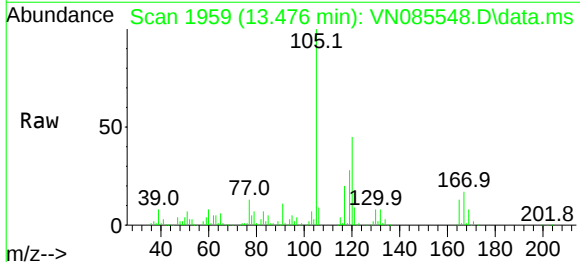
Manual Integrations
APPROVED

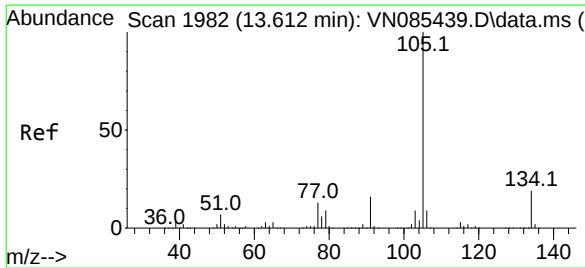
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#84
1,2,4-Trimethylbenzene
Concen: 54.905 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion:105 Resp: 455009
Ion Ratio Lower Upper
105 100
120 44.2 21.6 65.0





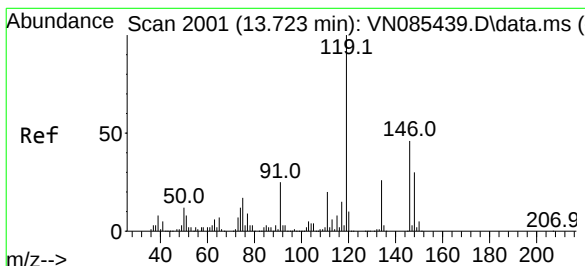
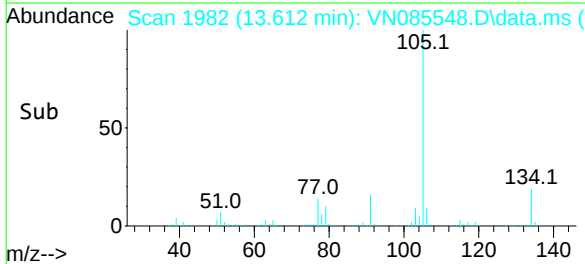
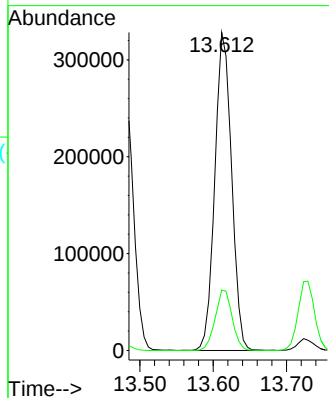
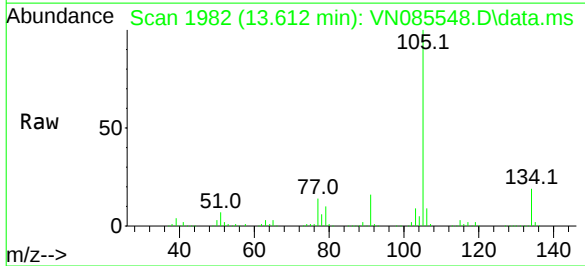
#85
sec-Butylbenzene
Concen: 53.917 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 521784
Ion Ratio Lower Upper
105 100
134 19.2 9.7 28.9

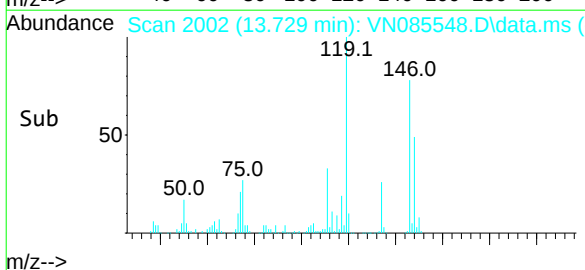
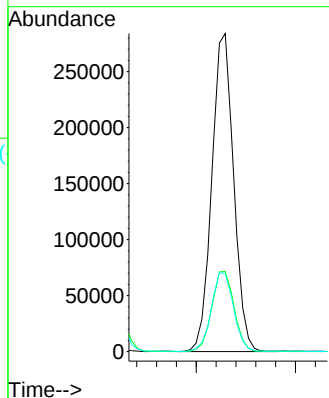
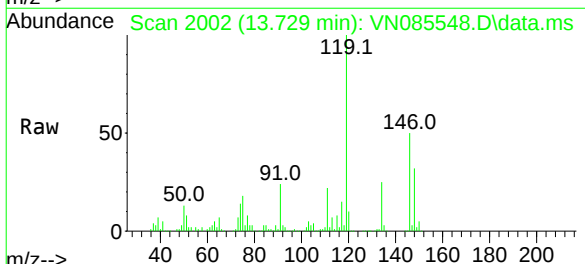
Manual Integrations
APPROVED

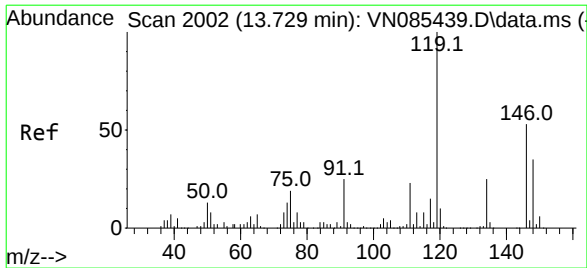
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#86
p-Isopropyltoluene
Concen: 49.847 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

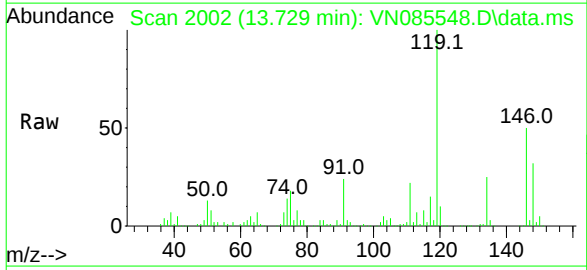
Tgt Ion:119 Resp: 434224
Ion Ratio Lower Upper
119 100
134 25.7 12.7 38.0
91 25.2 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 50.447 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

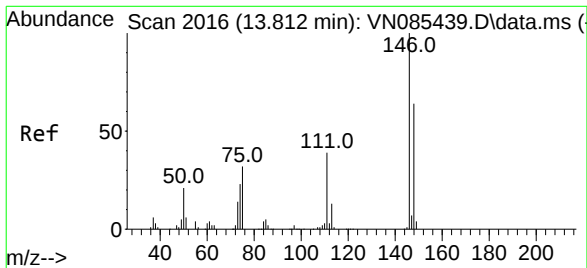
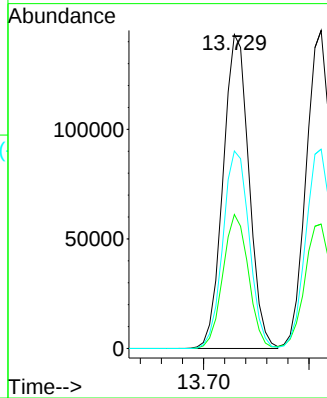
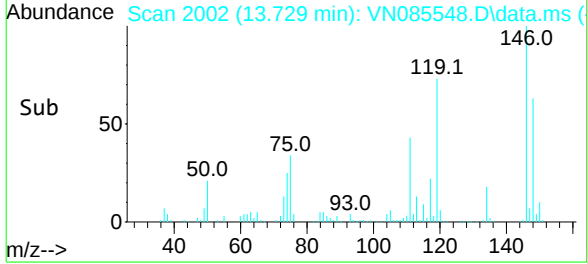
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



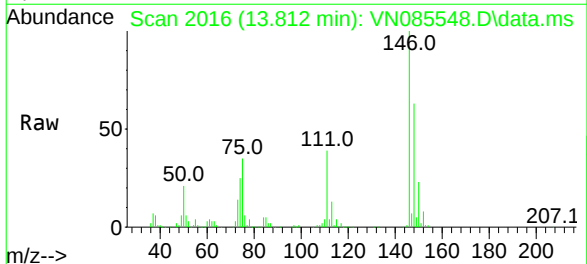
Tgt Ion:146 Resp: 244334
Ion Ratio Lower Upper
146 100
111 42.1 21.4 64.3
148 63.9 32.3 96.9

Manual Integrations
APPROVED

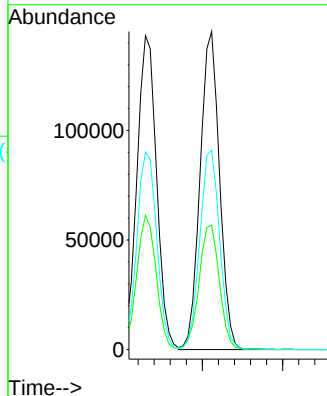
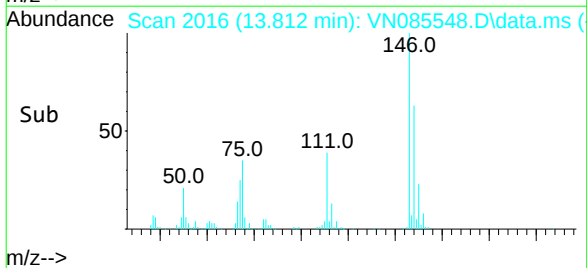
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

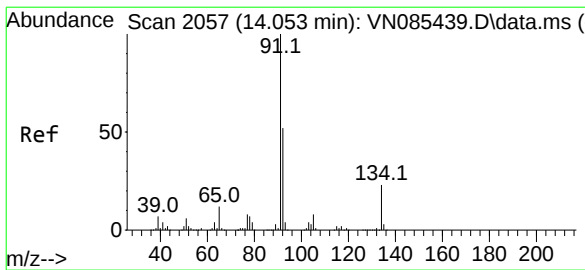


#88
1,4-Dichlorobenzene
Concen: 48.599 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08



Tgt Ion:146 Resp: 243977
Ion Ratio Lower Upper
146 100
111 40.5 21.3 63.7
148 64.2 32.4 97.0





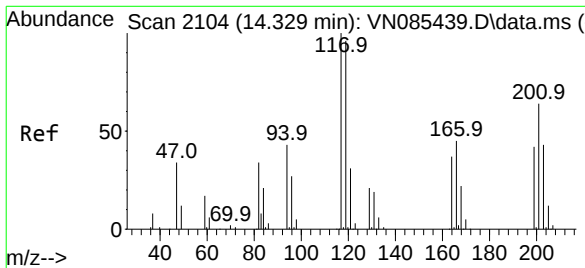
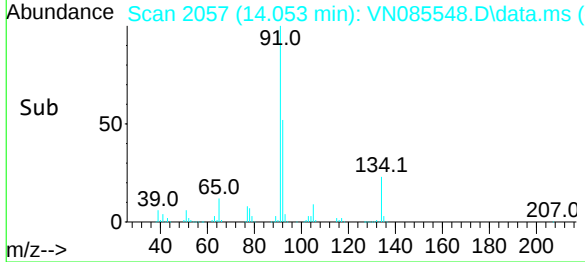
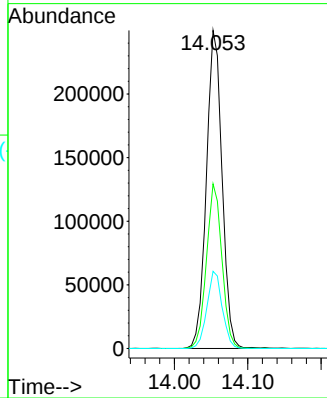
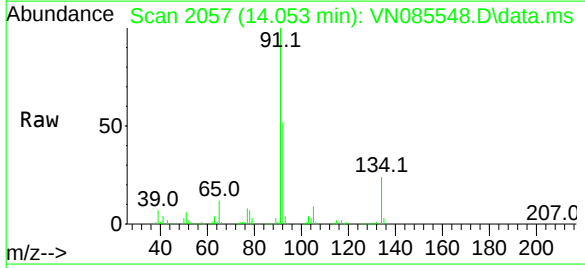
#89
n-Butylbenzene
Concen: 53.564 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.8	77.3
134	23.7	11.7	35.1

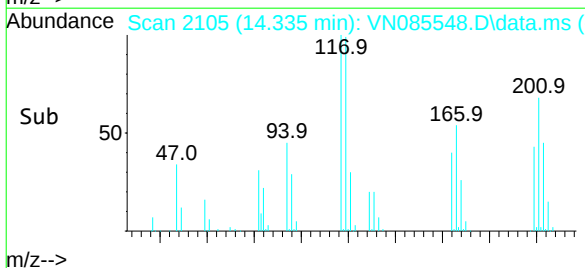
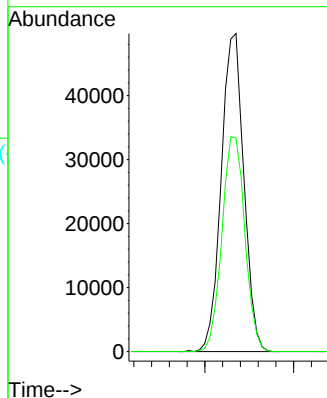
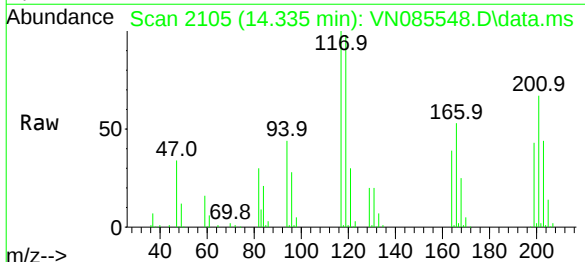
Manual Integrations
APPROVED

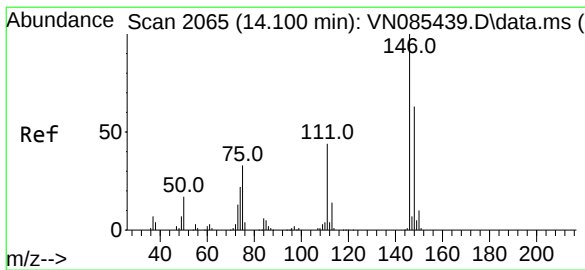
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#90
Hexachloroethane
Concen: 47.686 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.6	33.7	101.0





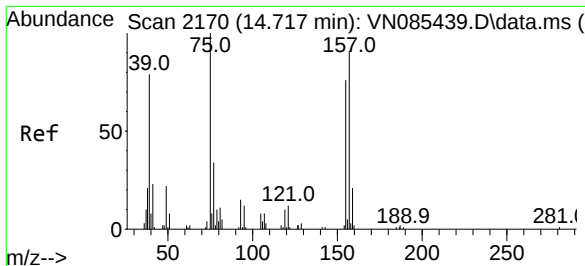
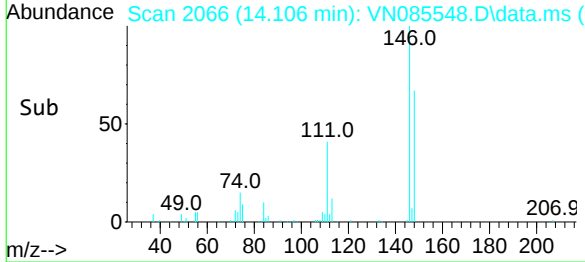
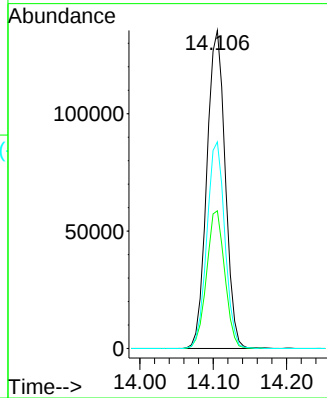
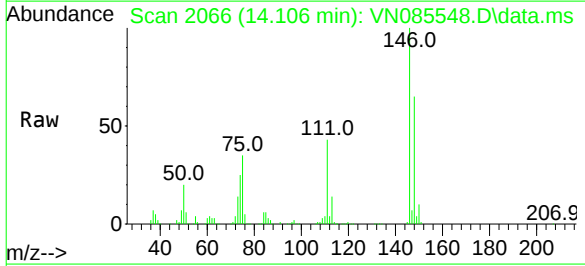
#91
1,2-Dichlorobenzene
Concen: 48.734 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 235437
Ion Ratio Lower Upper
146 100
111 43.0 21.7 65.1
148 63.5 31.4 94.2

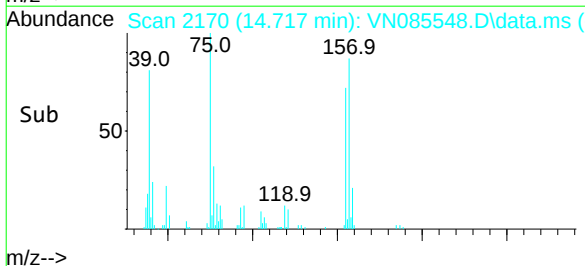
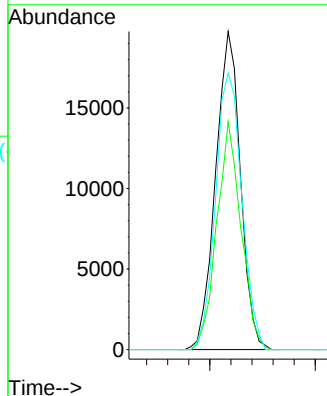
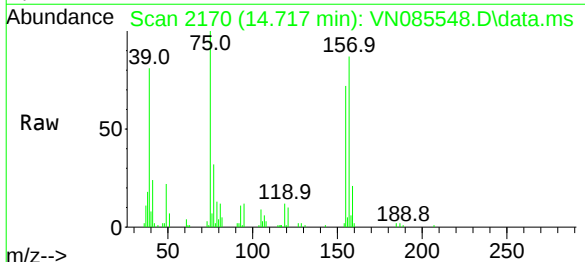
Manual Integrations
APPROVED

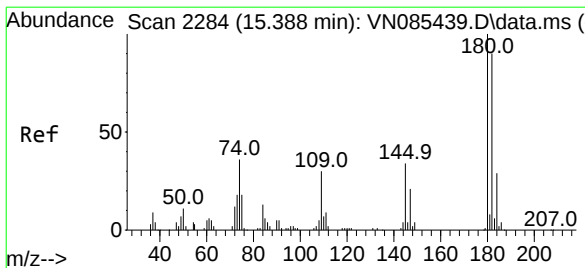
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.766 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085548.D
Acq: 29 Jan 2025 11:08

Tgt Ion: 75 Resp: 32314
Ion Ratio Lower Upper
75 100
155 70.0 36.4 109.2
157 92.2 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 50.178 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 112668

Ion Ratio Lower Upper

180 100

182 93.1 46.8 140.3

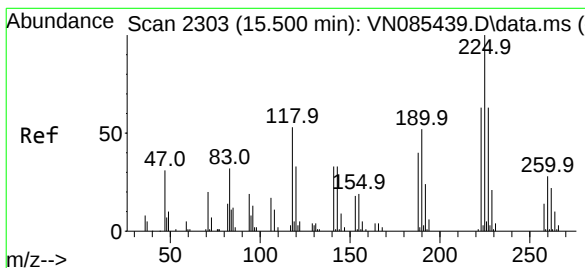
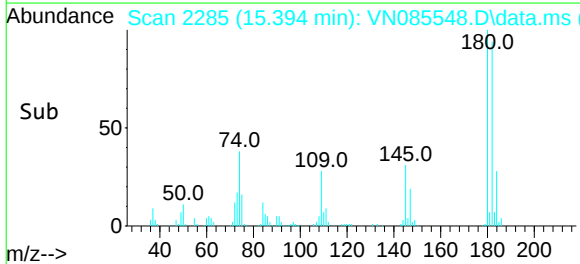
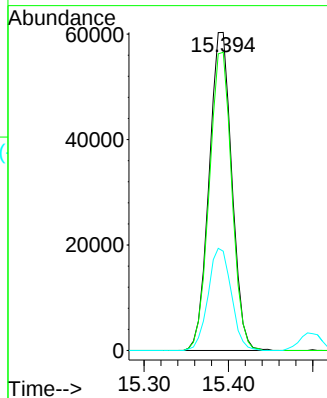
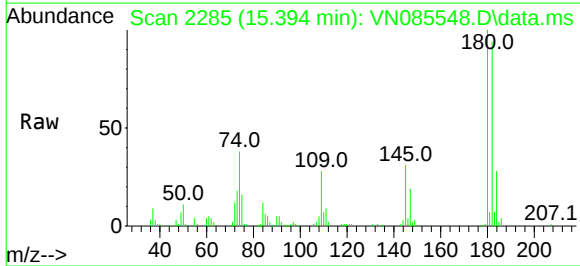
145 32.9 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#94

Hexachlorobutadiene

Concen: 47.301 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

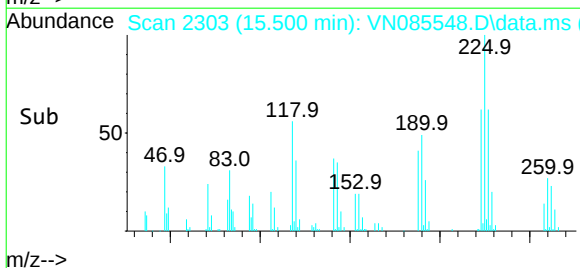
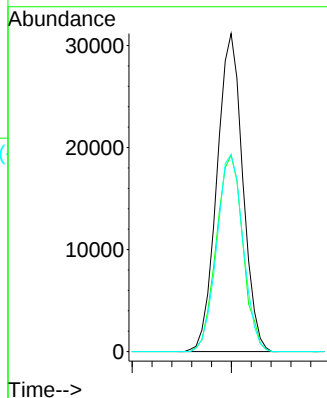
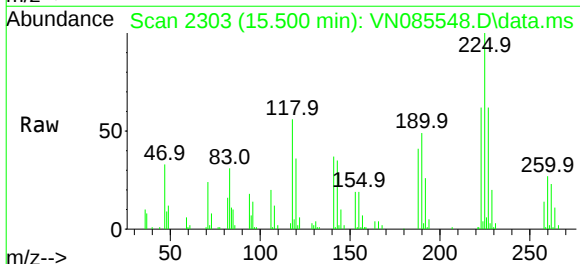
Tgt Ion:225 Resp: 56387

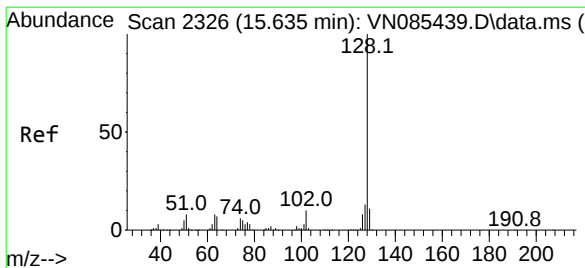
Ion Ratio Lower Upper

225 100

223 63.3 30.7 92.1

227 62.9 30.9 92.5





#95

Naphthalene

Concen: 49.863 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

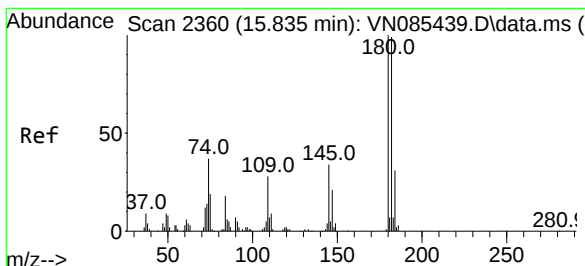
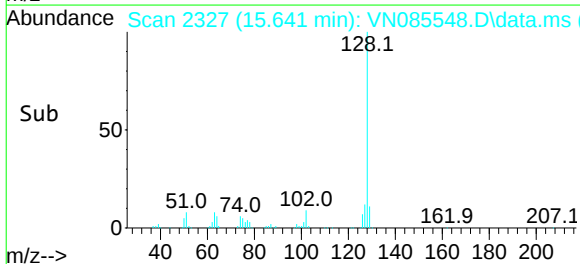
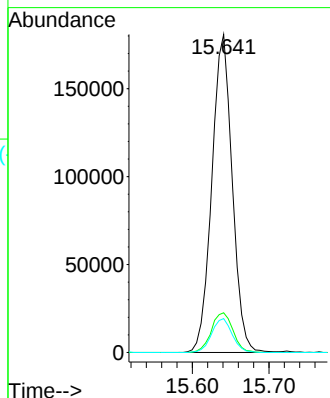
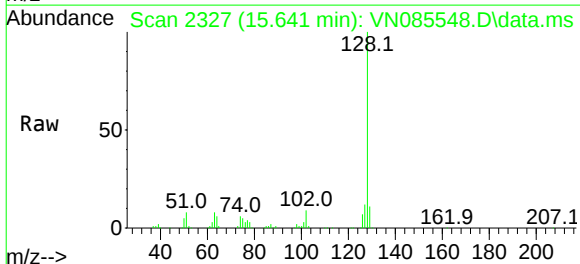
Tgt Ion:	128	Resp:	334098
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	10.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.924 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085548.D

Acq: 29 Jan 2025 11:08

Tgt Ion:	180	Resp:	111153
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.4	142.2
145	33.9	16.9	50.7

