

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085328.D
 Acq On : 27 Dec 2024 15:58
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN122724

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/30/2024
 Supervised By : Mahesh Dadoda 12/30/2024

Quant Time: Dec 28 01:40:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	164136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	292504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120013	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118332	50.547	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.100%
35) Dibromofluoromethane	8.159	113	91966	50.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.800%
50) Toluene-d8	10.565	98	347336	51.871	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.847	95	121466	54.619	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	115857	52.192	ug/l	99
3) Chloromethane	2.359	50	115249	46.193	ug/l	96
4) Vinyl Chloride	2.512	62	133659	50.656	ug/l	96
5) Bromomethane	2.924	94	83386	48.321	ug/l	96
6) Chloroethane	3.100	64	84777	50.664	ug/l	96
7) Trichlorofluoromethane	3.489	101	174797	50.396	ug/l	99
8) Diethyl Ether	3.953	74	63278	55.098	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	100713	51.030	ug/l	98
10) Methyl Iodide	4.583	142	118805	52.018	ug/l	96
11) Tert butyl alcohol	5.524	59	82769	282.346	ug/l	98
12) 1,1-Dichloroethene	4.330	96	93112	51.049	ug/l	99
13) Acrolein	4.171	56	97975	214.370	ug/l	98
14) Allyl chloride	5.018	41	149493	51.210	ug/l	99
15) Acrylonitrile	5.712	53	250489	271.490	ug/l	99
16) Acetone	4.418	43	215365	279.767	ug/l	95
17) Carbon Disulfide	4.706	76	266129	47.961	ug/l	98
18) Methyl Acetate	5.018	43	127062	53.913	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	322145	54.338	ug/l	97
20) Methylene Chloride	5.265	84	106365	51.370	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	95767	50.262	ug/l	96
22) Diisopropyl ether	6.665	45	341434	54.277	ug/l	99
23) Vinyl Acetate	6.594	43	1266714	278.352	ug/l	99
24) 1,1-Dichloroethane	6.565	63	195446	51.577	ug/l	98
25) 2-Butanone	7.477	43	338384	283.341	ug/l	98
26) 2,2-Dichloropropane	7.482	77	176896	53.283	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	118182	52.846	ug/l	97
28) Bromochloromethane	7.812	49	90008	51.112	ug/l #	100
29) Tetrahydrofuran	7.835	42	218407	283.909	ug/l	100
30) Chloroform	7.965	83	197287	50.890	ug/l	98
31) Cyclohexane	8.253	56	165938	47.956	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	174266	50.333	ug/l	99
36) 1,1-Dichloropropene	8.365	75	140127	52.447	ug/l	99
37) Ethyl Acetate	7.559	43	137205	51.666	ug/l	99
38) Carbon Tetrachloride	8.359	117	153395	52.672	ug/l	98
39) Methylcyclohexane	9.600	83	156627	56.501	ug/l	100
40) Benzene	8.600	78	424501	52.550	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	77084	56.677	ug/l	98
42) 1,2-Dichloroethane	8.665	62	149352	51.568	ug/l	100
43) Isopropyl Acetate	8.682	43	249040	56.953	ug/l	98
44) Trichloroethene	9.347	130	97403	50.930	ug/l	93
45) 1,2-Dichloropropane	9.618	63	109589	53.441	ug/l	100
46) Dibromomethane	9.706	93	76287	53.491	ug/l	98
47) Bromodichloromethane	9.882	83	156297	52.728	ug/l #	99
48) Methyl methacrylate	9.676	41	111168	58.590	ug/l	99
49) 1,4-Dioxane	9.694	88	34268	1197.029	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	714200	290.641	ug/l	99
52) Toluene	10.623	92	264263	54.941	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	164691	56.497	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	173493	55.040	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	96817	53.314	ug/l	98
56) Ethyl methacrylate	10.871	69	163272	61.733	ug/l	98
57) 1,3-Dichloropropane	11.159	76	172176	54.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	359446	280.905	ug/l	99
59) 2-Hexanone	11.194	43	519370	304.633	ug/l	99
60) Dibromochloromethane	11.359	129	116293	56.856	ug/l	99
61) 1,2-Dibromoethane	11.465	107	97817	54.445	ug/l	99
64) Tetrachloroethene	11.100	164	84445	52.056	ug/l	98
65) Chlorobenzene	11.888	112	287764	52.014	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	98192	52.882	ug/l	99
67) Ethyl Benzene	11.959	91	512193	55.669	ug/l	99
68) m/p-Xylenes	12.065	106	386429	114.768	ug/l	100
69) o-Xylene	12.394	106	185036	56.809	ug/l	98
70) Styrene	12.406	104	313206	59.331	ug/l	99
71) Bromoform	12.576	173	72309	56.226	ug/l #	99
73) Isopropylbenzene	12.694	105	474369	54.966	ug/l	100
74) N-amyl acetate	12.488	43	211810	57.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	137310	49.956	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	110703m	49.397	ug/l	
77) Bromobenzene	12.976	156	106098	49.621	ug/l	97
78) n-propylbenzene	13.035	91	562715	55.937	ug/l	99
79) 2-Chlorotoluene	13.123	91	338610	53.482	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	393503	56.370	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	51732	55.281	ug/l	98
82) 4-Chlorotoluene	13.217	91	341098	53.493	ug/l	99
83) tert-Butylbenzene	13.435	119	332355	54.963	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	399361	57.454	ug/l	99
85) sec-Butylbenzene	13.611	105	477401	56.877	ug/l	98
86) p-Isopropyltoluene	13.723	119	399868	53.045	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	204501	52.759	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	201165	50.524	ug/l	100
89) n-Butylbenzene	14.053	91	357404	58.149	ug/l	100
90) Hexachloroethane	14.329	117	74623	54.238	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	194477	52.669	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27636	56.494	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	99722	54.113	ug/l	99
94) Hexachlorobutadiene	15.500	225	45915	50.146	ug/l	98
95) Naphthalene	15.635	128	319467	51.123	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	94990	51.589	ug/l	99

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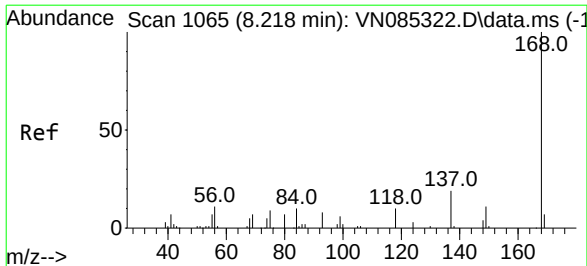
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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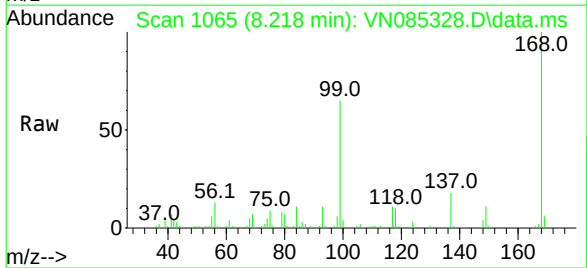
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085328.D
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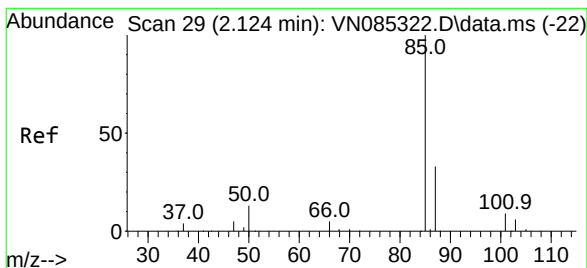
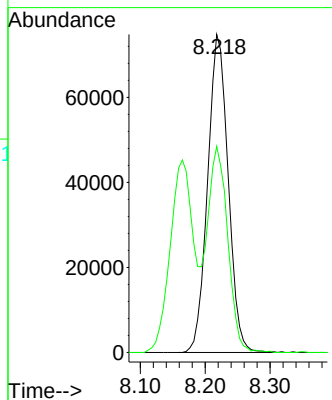
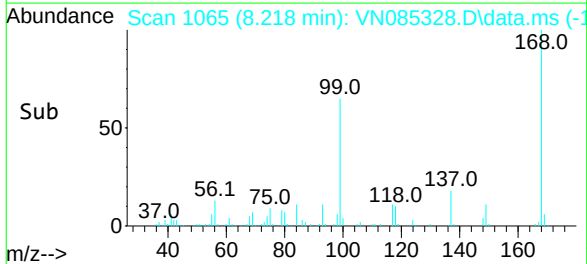
Tgt Ion:168 Resp: 164136
Ion Ratio Lower Upper
168 100
99 64.8 51.0 76.4

Manual Integrations

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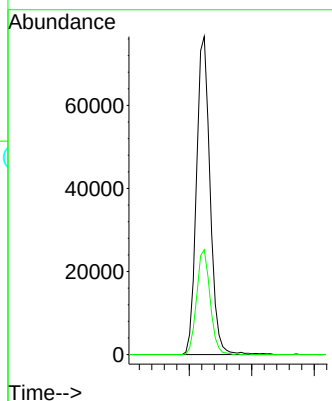
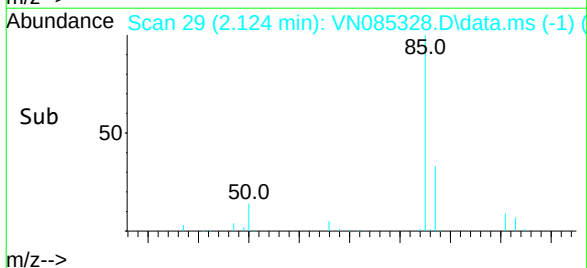
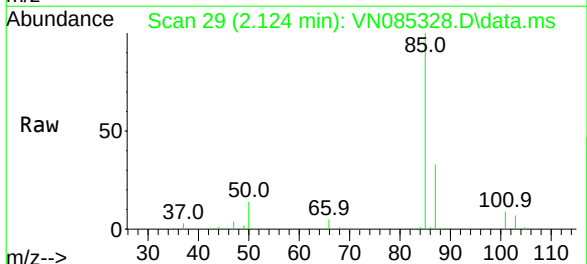
Reviewed By :John Carlone 12/30/2024

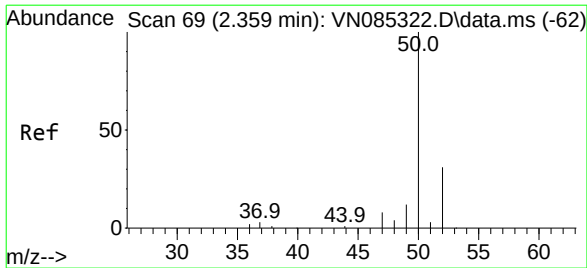
Supervised By :Mahesh Dadoda 12/30/2024



#2
Dichlorodifluoromethane
Concen: 52.192 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

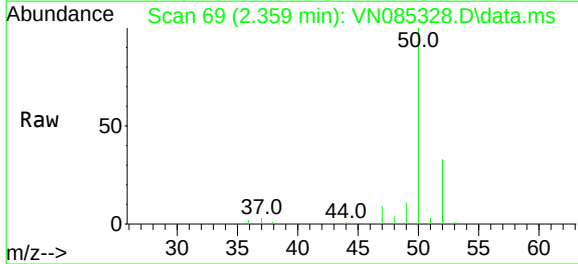
Tgt Ion: 85 Resp: 115857
Ion Ratio Lower Upper
85 100
87 33.0 16.8 50.3





#3
Chloromethane
Concen: 46.193 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

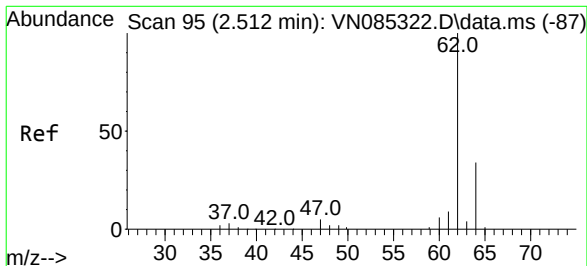
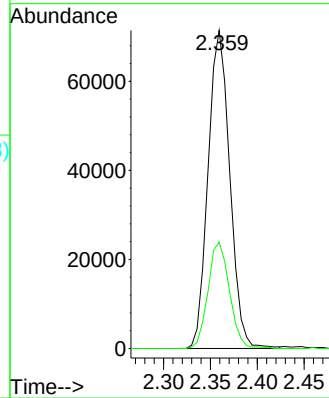
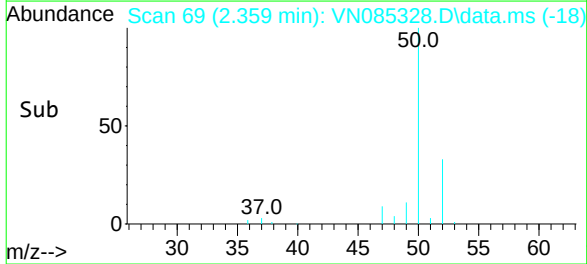
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122724



Tgt Ion: 50 Resp: 115249
Ion Ratio Lower Upper
50 100
52 33.4 25.1 37.7

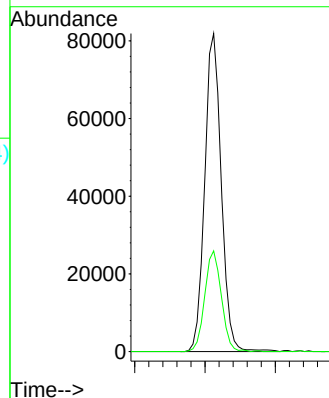
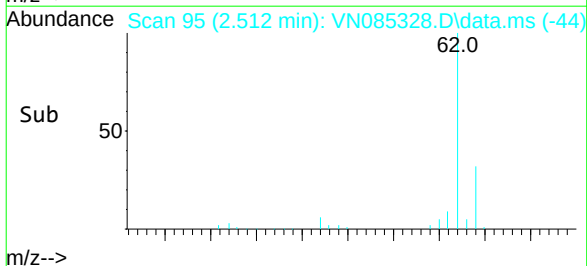
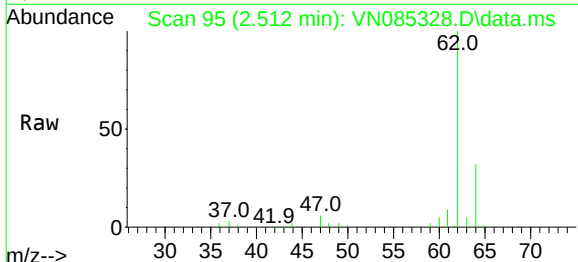
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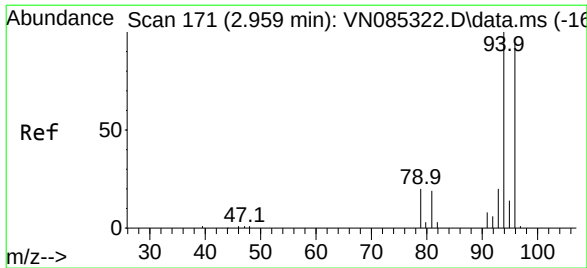
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#4
Vinyl Chloride
Concen: 50.656 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

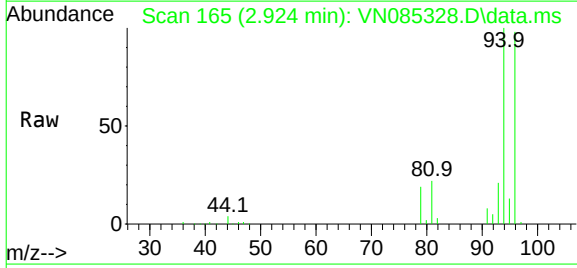
Tgt Ion: 62 Resp: 133659
Ion Ratio Lower Upper
62 100
64 31.7 27.0 40.6





#5
Bromomethane
Concen: 48.321 ug/l
RT: 2.924 min Scan# 165
Delta R.T. -0.035 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

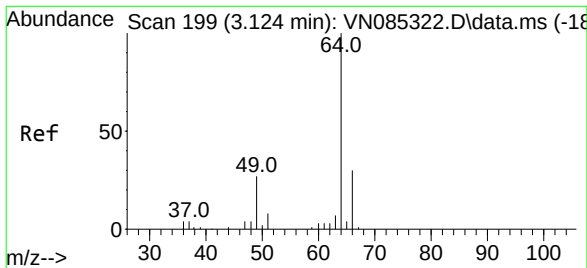
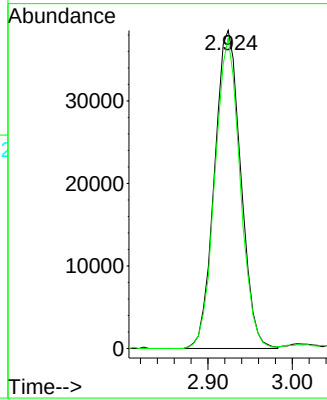
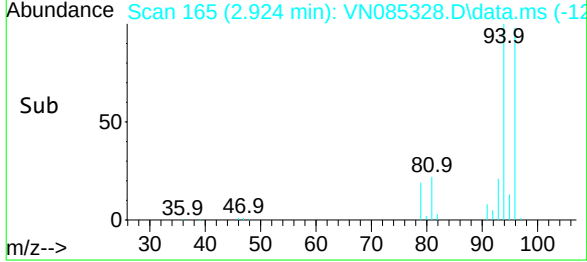
Instrument :
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Tgt Ion: 94 Resp: 83386
Ion Ratio Lower Upper
94 100
96 97.5 75.2 112.8

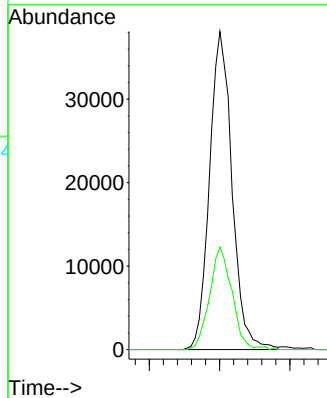
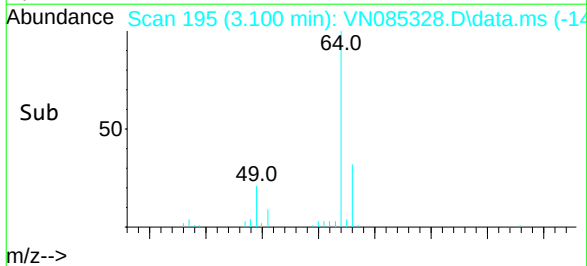
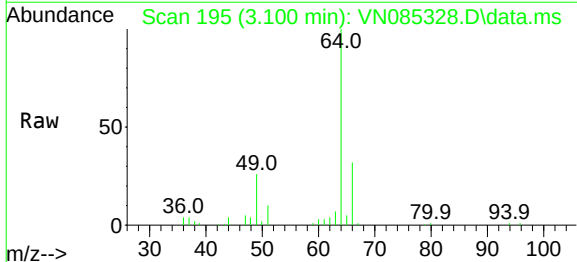
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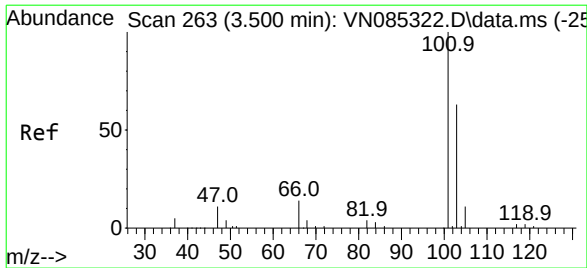
Reviewed By :John Carlone 12/30/2024
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#6
Chloroethane
Concen: 50.664 ug/l
RT: 3.100 min Scan# 195
Delta R.T. -0.024 min
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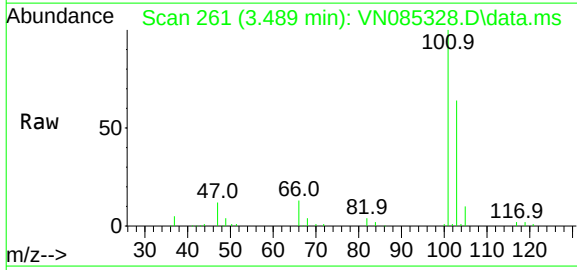
Tgt Ion: 64 Resp: 84777
Ion Ratio Lower Upper
64 100
66 32.2 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 50.396 ug/l
 RT: 3.489 min Scan# 263
 Delta R.T. -0.012 min
 Lab File: VN085328.D
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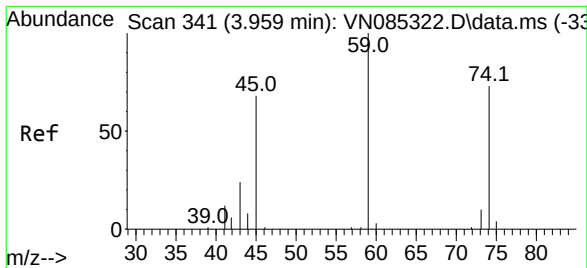
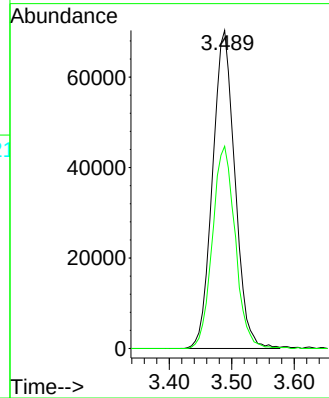
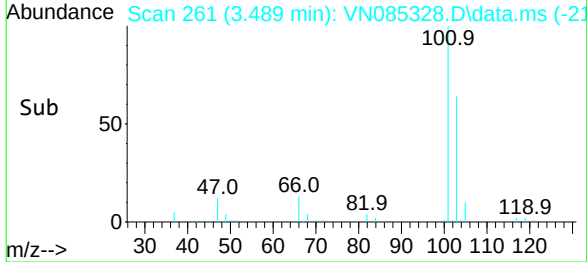
Instrument :
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Tgt Ion:101 Resp: 174797
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.3 75.5

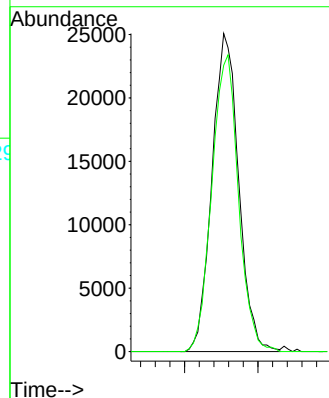
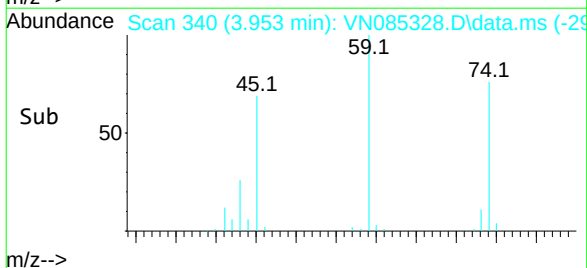
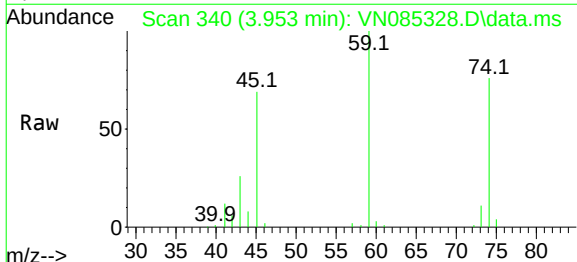
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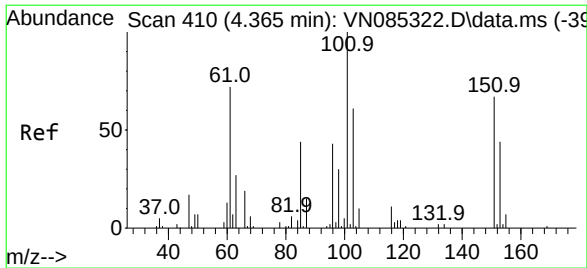
Reviewed By :John Carlone 12/30/2024
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#8
 Diethyl Ether
 Concen: 55.098 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 63278
 Ion Ratio Lower Upper
 74 100
 45 93.2 47.5 142.6





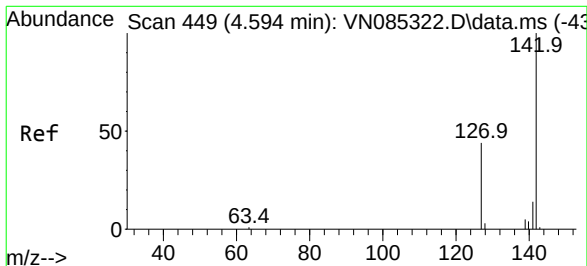
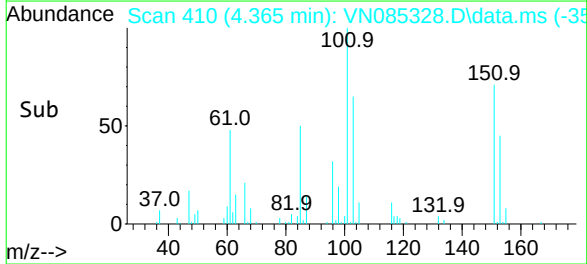
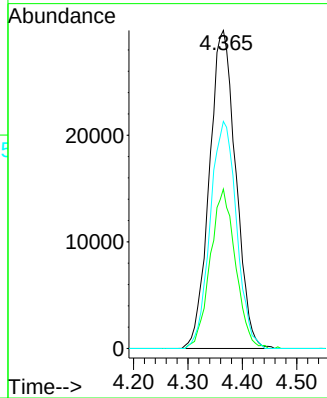
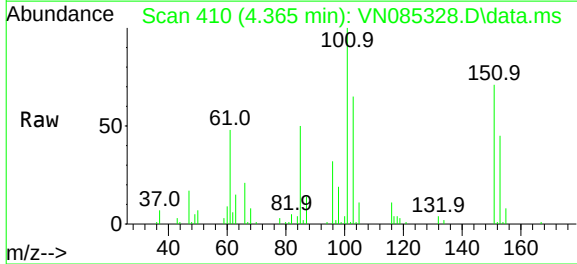
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.030 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICVVN122724

Tgt Ion:101 Resp: 100713
Ion Ratio Lower Upper
101 100
85 47.7 36.2 54.4
151 71.0 55.8 83.6

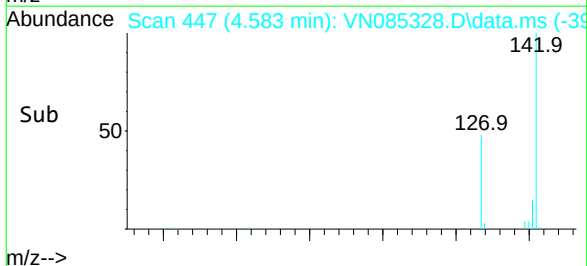
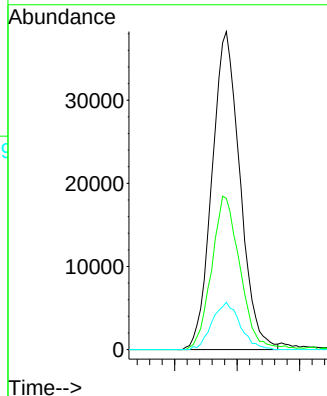
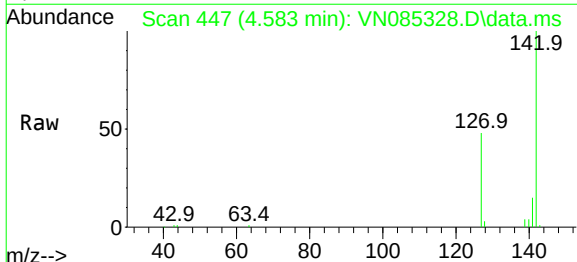
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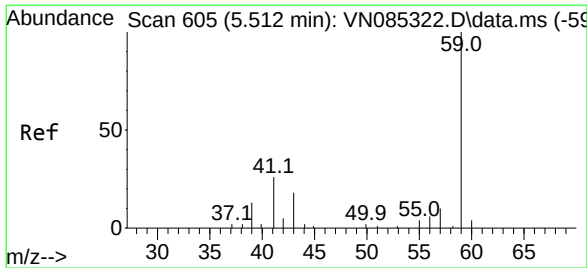
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#10
Methyl Iodide
Concen: 52.018 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Tgt Ion:142 Resp: 118805
Ion Ratio Lower Upper
142 100
127 47.5 35.3 52.9
141 14.9 11.5 17.3





#11

Tert butyl alcohol

Concen: 282.346 ug/l

RT: 5.524 min Scan# 605

Delta R.T. 0.012 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

Instrument :

MSVOA_N

ClientSampleId :

ICNVN122724

Tgt Ion: 59 Resp: 82769

Ion Ratio Lower Upper

59 100

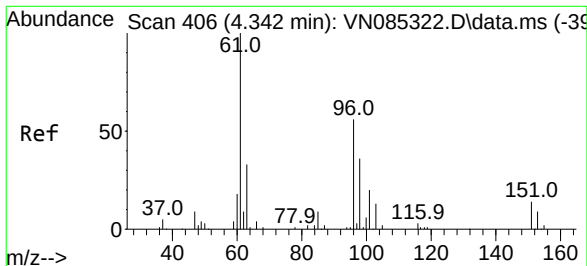
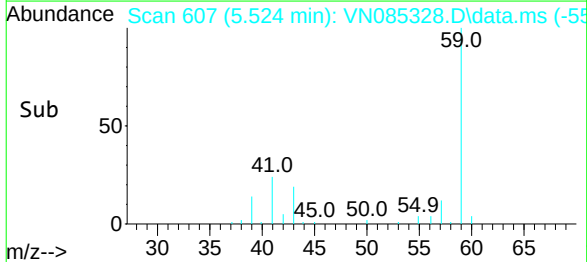
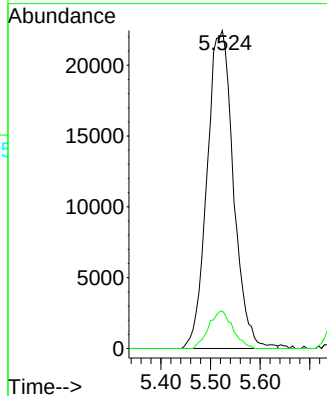
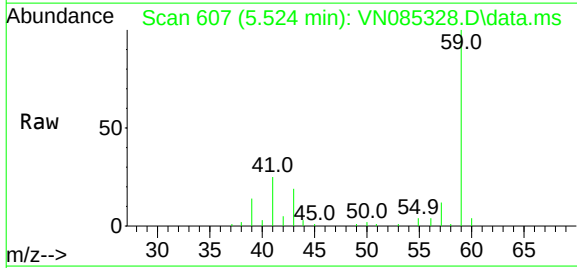
57 10.7 8.1 12.1

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Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#12

1,1-Dichloroethene

Concen: 51.049 ug/l

RT: 4.330 min Scan# 404

Delta R.T. -0.012 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

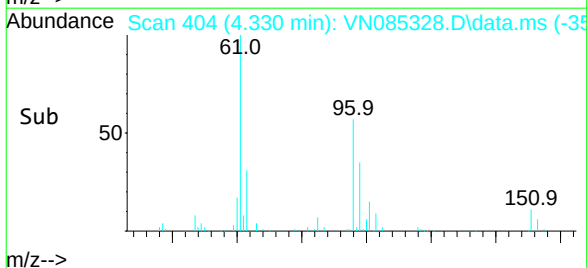
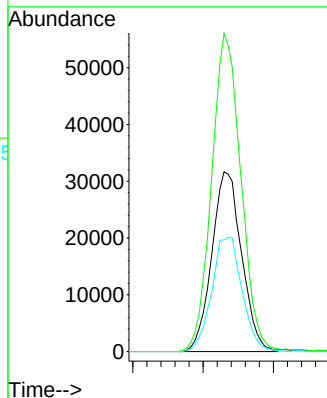
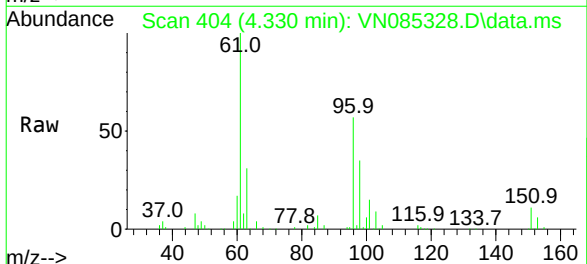
Tgt Ion: 96 Resp: 93112

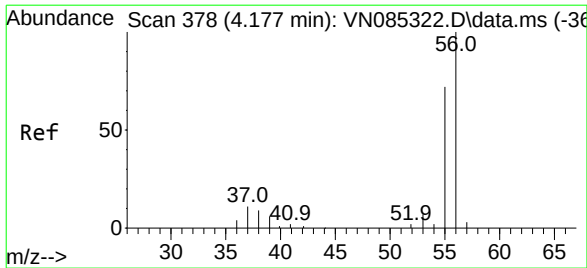
Ion Ratio Lower Upper

96 100

61 176.9 142.4 213.6

98 62.2 51.5 77.3





#13

Acrolein

Concen: 214.370 ug/l

RT: 4.171 min Scan# 37

Delta R.T. -0.006 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

Instrument :

MSVOA_N

ClientSampleId :

ICVVN122724

Tgt Ion: 56 Resp: 97975

Ion Ratio Lower Upper

56 100

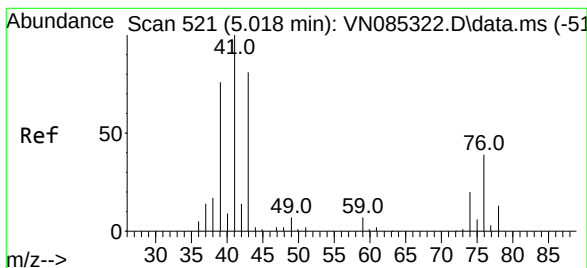
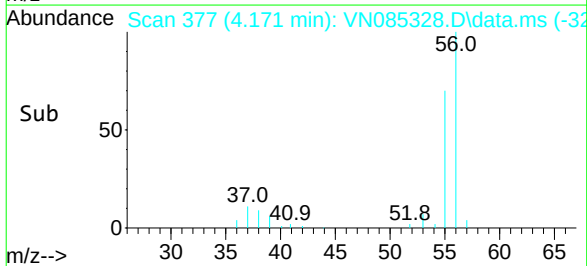
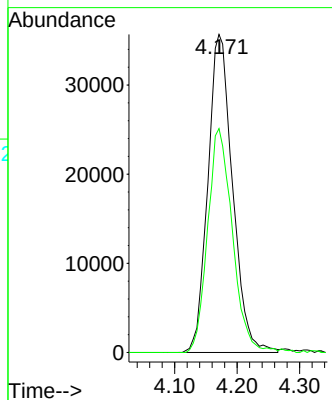
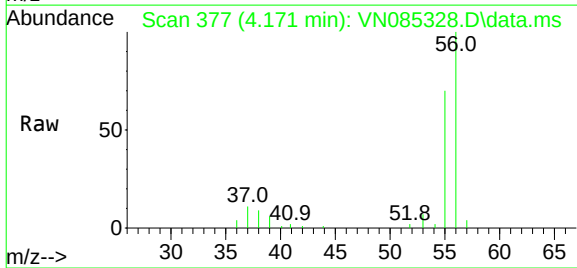
55 70.5 57.5 86.3

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Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#14

Allyl chloride

Concen: 51.210 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

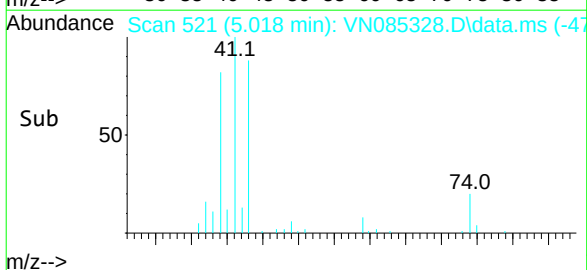
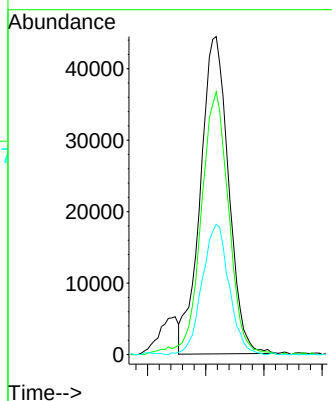
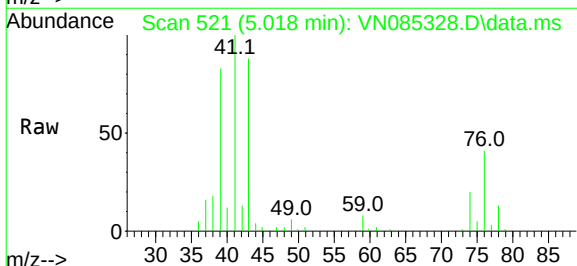
Tgt Ion: 41 Resp: 149493

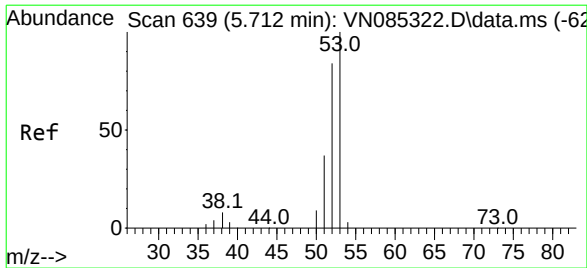
Ion Ratio Lower Upper

41 100

39 81.1 64.4 96.6

76 39.2 31.5 47.3





#15

Acrylonitrile

Concen: 271.490 ug/l

RT: 5.712 min Scan# 639

Delta R.T. 0.000 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

Instrument :

MSVOA_N

ClientSampleId :

ICVVN122724

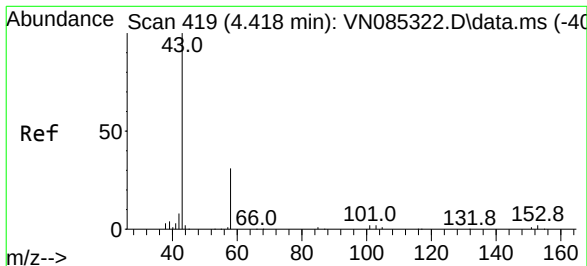
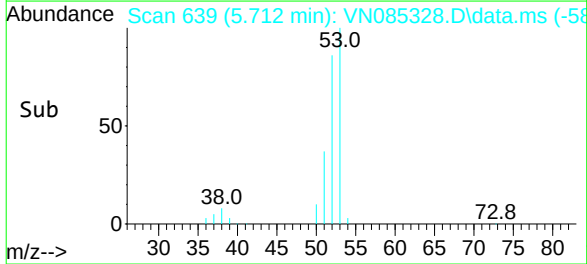
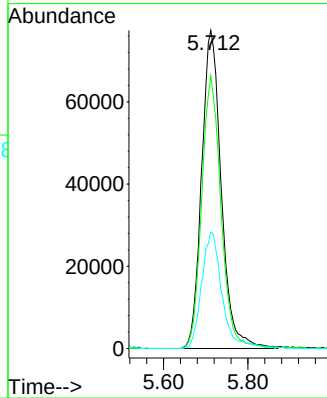
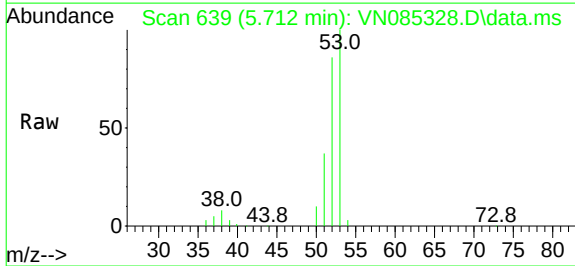
Tgt Ion:	53	Resp:	250489
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.6	100.0
51	37.8	29.6	44.4

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Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#16

Acetone

Concen: 279.767 ug/l

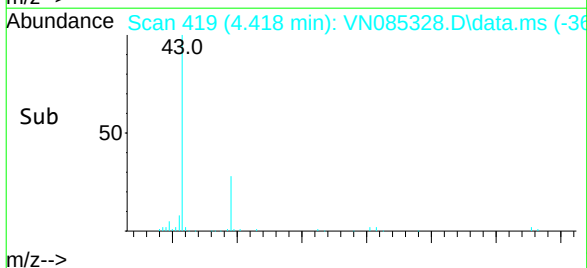
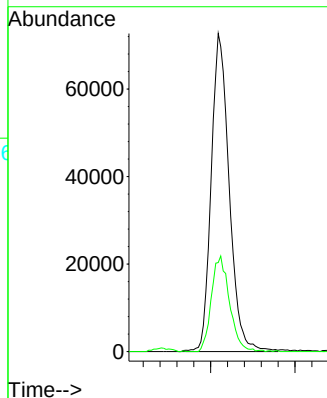
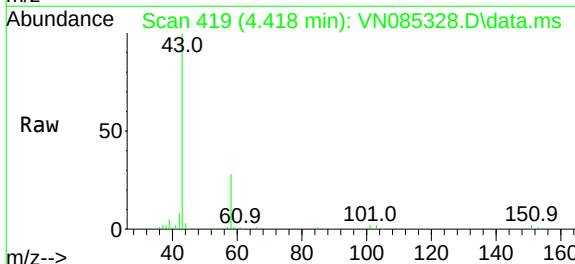
RT: 4.418 min Scan# 419

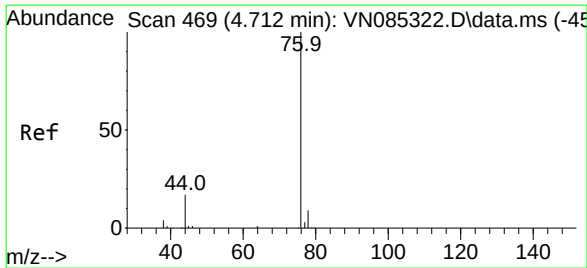
Delta R.T. 0.000 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

Tgt Ion:	43	Resp:	215365
Ion	Ratio	Lower	Upper
43	100		
58	28.0	24.5	36.7





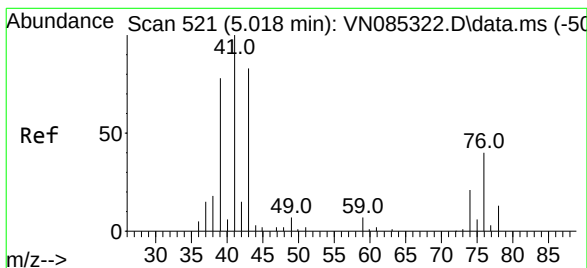
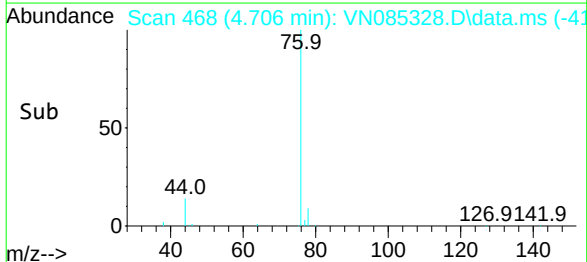
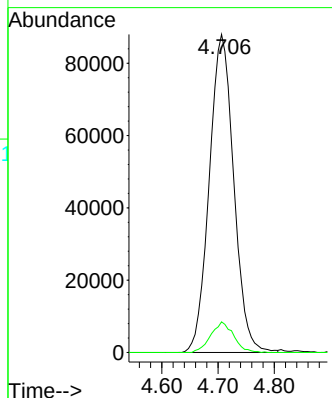
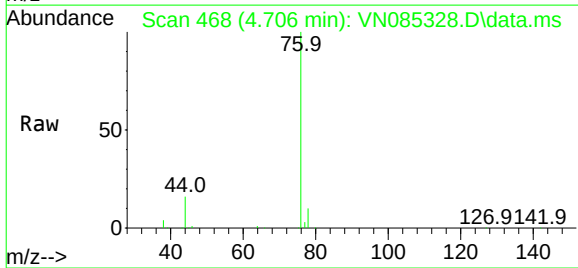
#17
Carbon Disulfide
Concen: 47.961 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICVVN122724

Tgt Ion: 76 Resp: 266129
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

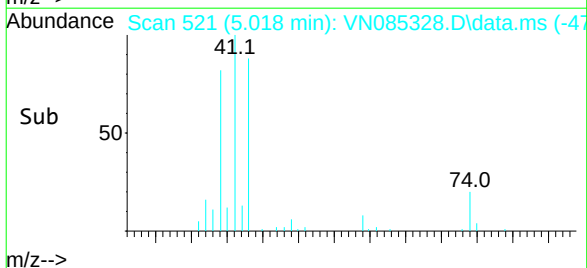
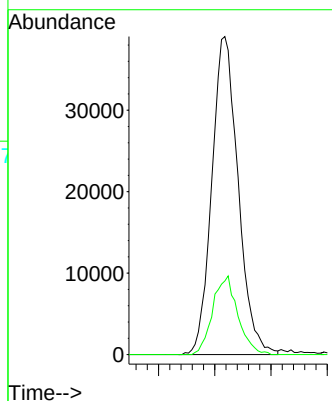
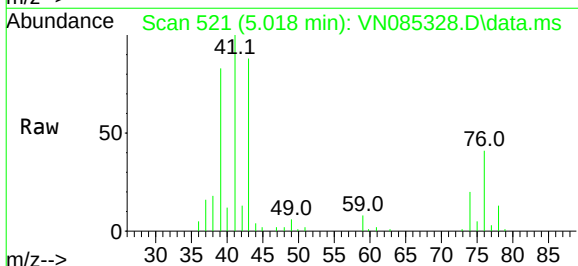
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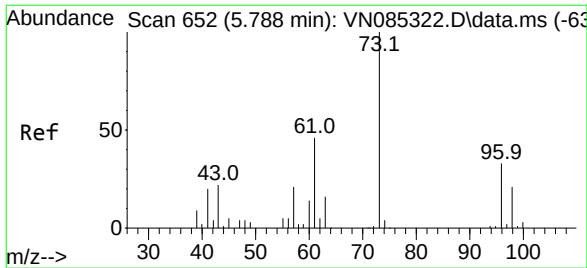
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#18
Methyl Acetate
Concen: 53.913 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

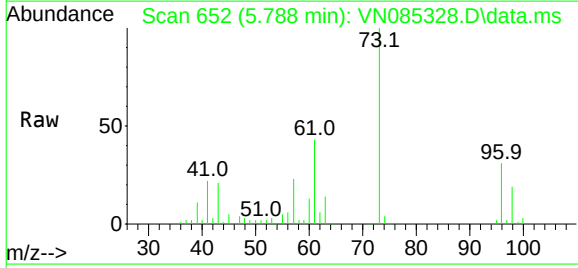
Tgt Ion: 43 Resp: 127062
Ion Ratio Lower Upper
43 100
74 23.5 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 54.338 ug/l
RT: 5.788 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

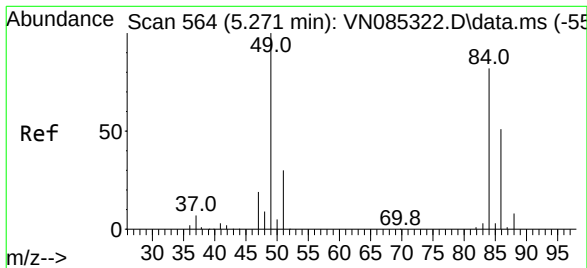
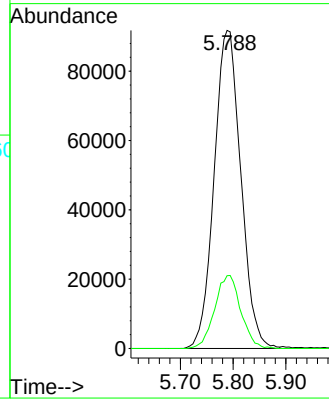
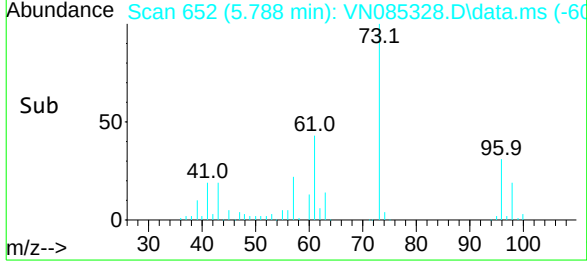
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122724



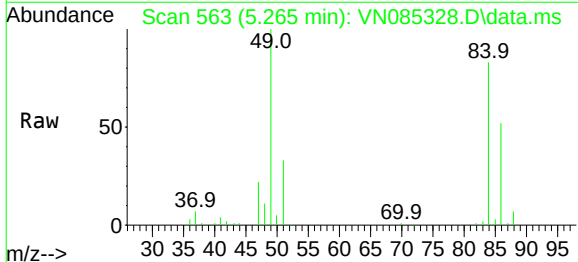
Tgt Ion: 73 Resp: 322145
Ion Ratio Lower Upper
73 100
57 22.9 17.0 25.6

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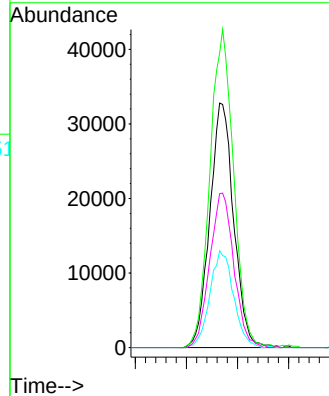
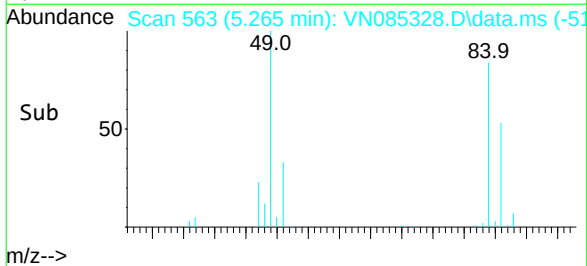
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

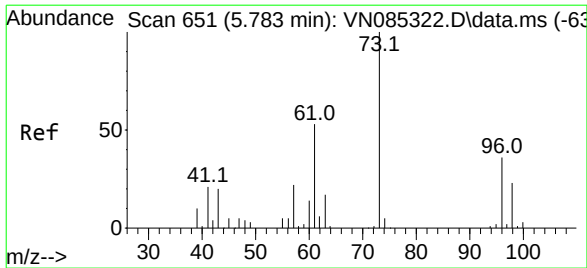


#20
Methylene Chloride
Concen: 51.370 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58



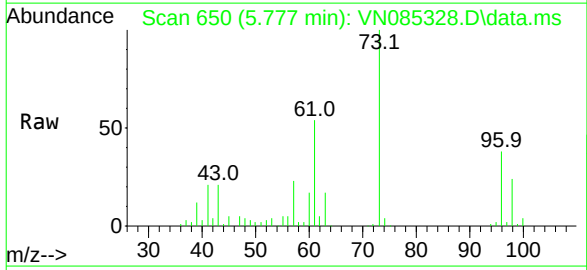
Tgt Ion: 84 Resp: 106365
Ion Ratio Lower Upper
84 100
49 120.4 97.6 146.4
51 39.6 29.1 43.7
86 63.0 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 50.262 ug/l
RT: 5.777 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

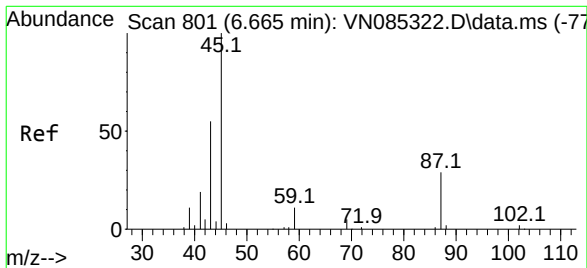
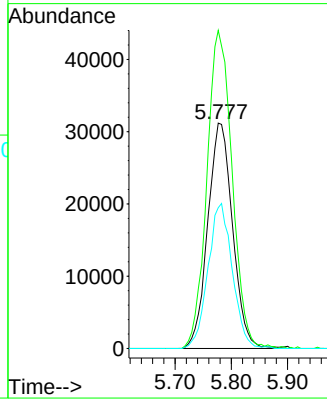
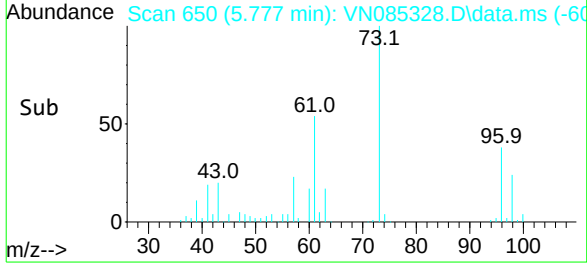
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122724



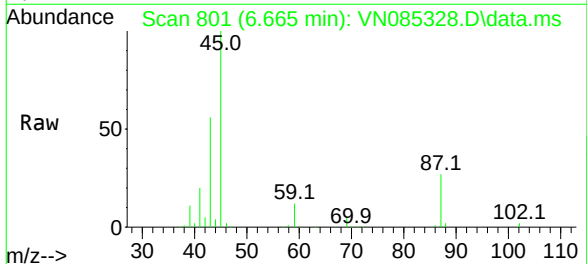
Tgt Ion: 96 Resp: 95767
Ion Ratio Lower Upper
96 100
61 141.1 118.0 177.0
98 62.5 50.6 75.8

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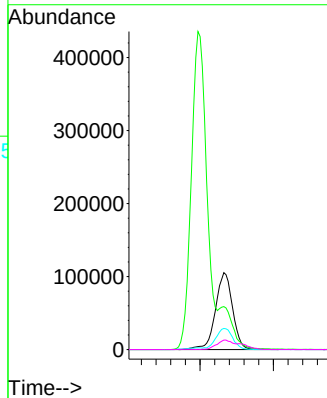
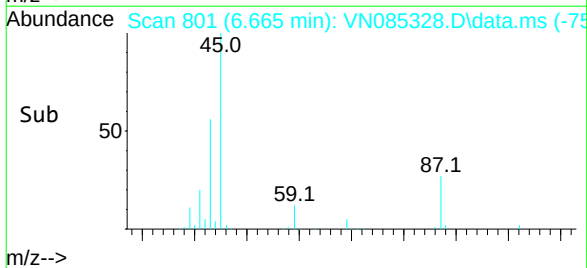
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

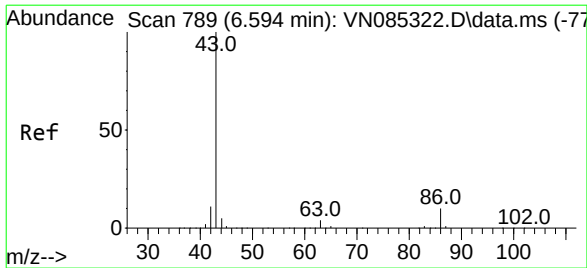


#22
Diisopropyl ether
Concen: 54.277 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58



Tgt Ion: 45 Resp: 341434
Ion Ratio Lower Upper
45 100
43 55.1 44.1 66.1
87 27.4 23.2 34.8
59 12.4 9.0 13.6





#23

Vinyl Acetate

Concen: 278.352 ug/l

RT: 6.594 min Scan# 789

Delta R.T. 0.000 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

Instrument :

MSVOA_N

ClientSampleId :

ICVN122724

Tgt Ion: 43 Resp: 1266714

Ion Ratio Lower Upper

43 100

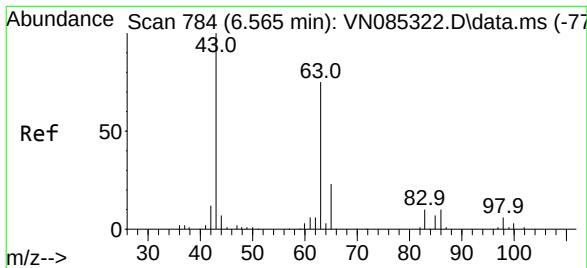
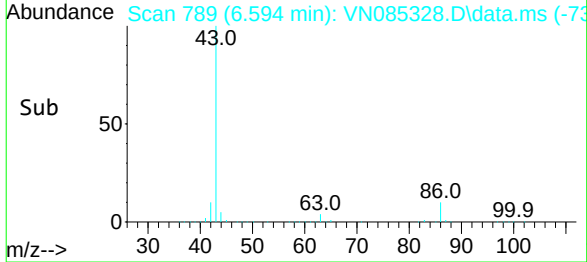
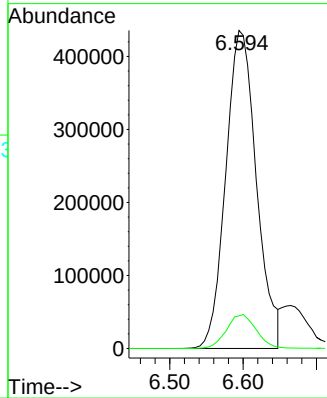
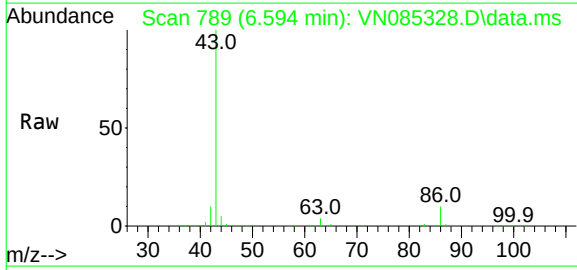
86 10.3 8.0 12.0

Manual Integrations

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Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#24

1,1-Dichloroethane

Concen: 51.577 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

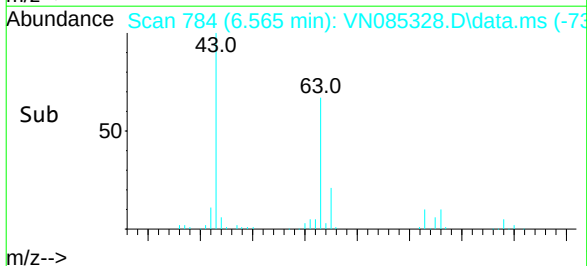
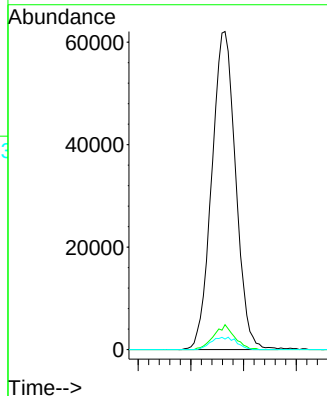
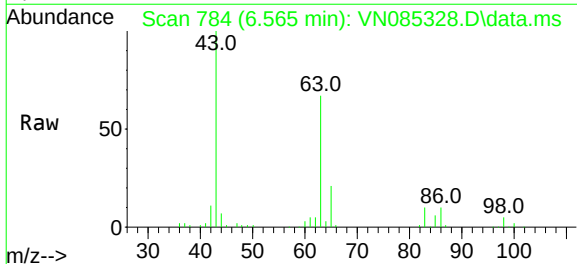
Tgt Ion: 63 Resp: 195446

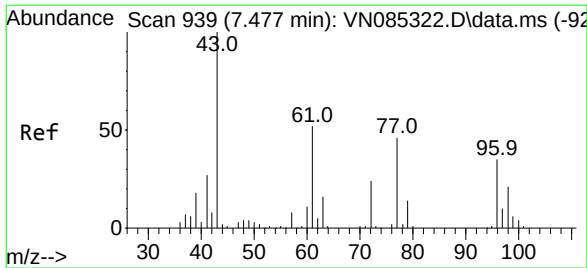
Ion Ratio Lower Upper

63 100

98 7.8 3.7 11.1

100 3.3 2.3 6.8





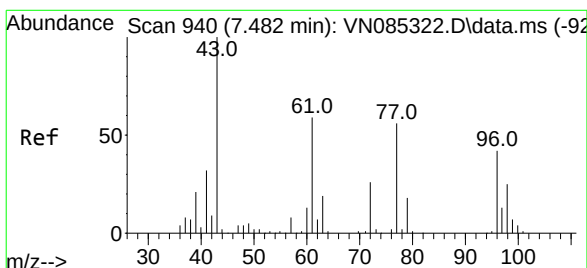
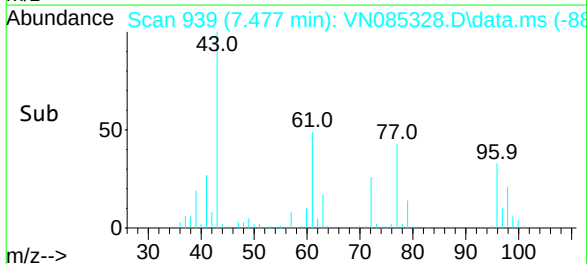
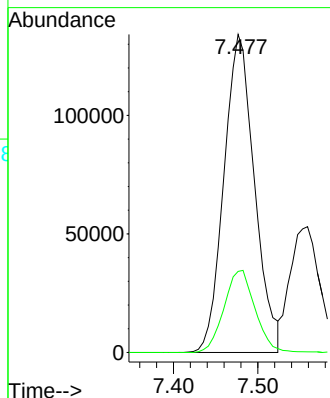
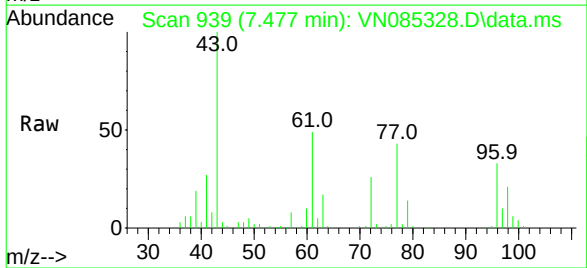
#25
2-Butanone
Concen: 283.341 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICV122724

Tgt Ion: 43 Resp: 338384
Ion Ratio Lower Upper
43 100
72 25.5 19.6 29.4

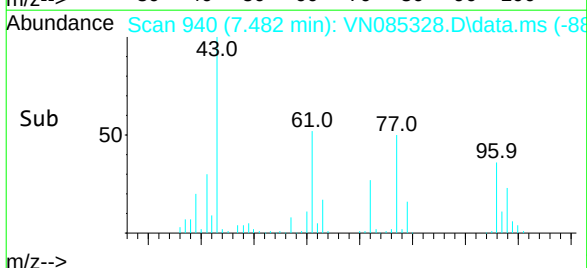
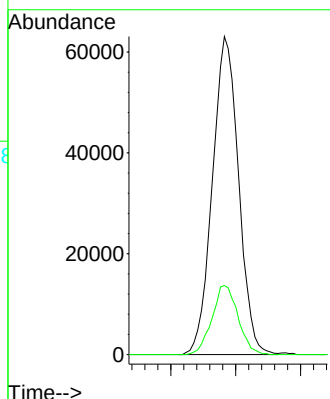
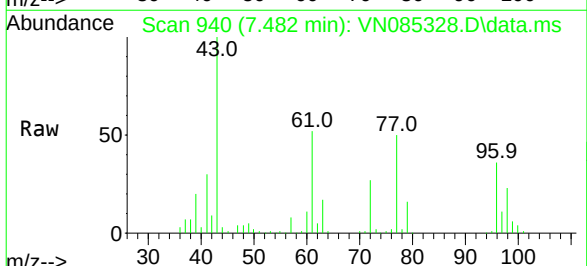
Manual Integrations
APPROVED

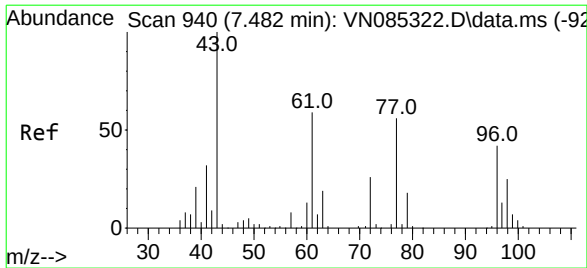
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#26
2,2-Dichloropropane
Concen: 53.283 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Tgt Ion: 77 Resp: 176896
Ion Ratio Lower Upper
77 100
97 21.6 10.6 31.8





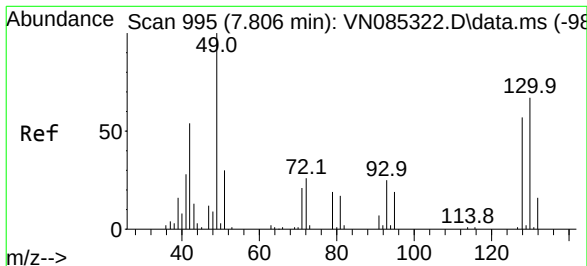
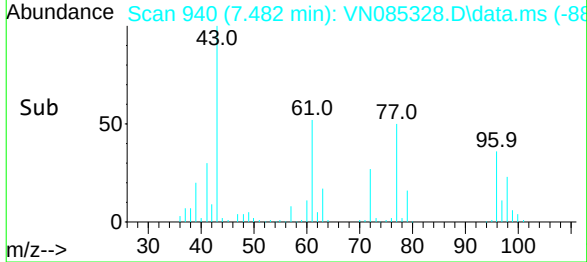
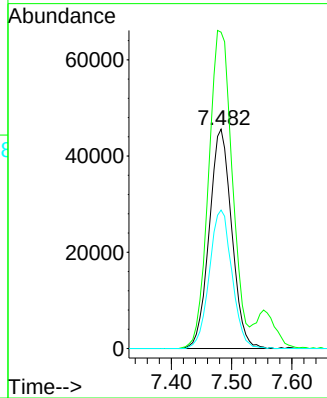
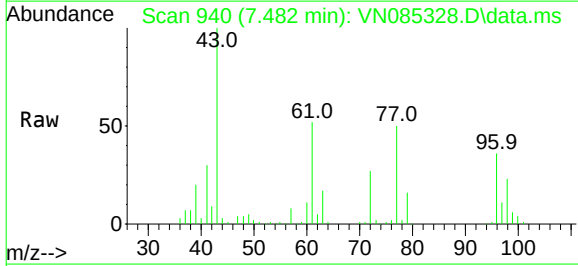
#27
cis-1,2-Dichloroethene
Concen: 52.846 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICVVN122724

Tgt Ion: 96 Resp: 118182
Ion Ratio Lower Upper
96 100
61 152.7 0.0 296.4
98 63.6 0.0 124.2

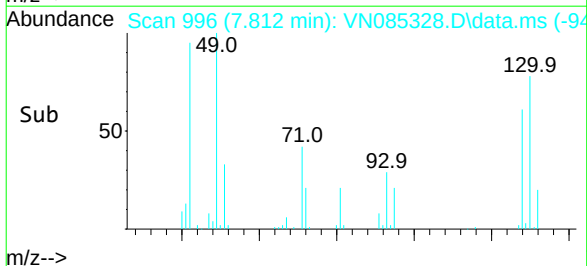
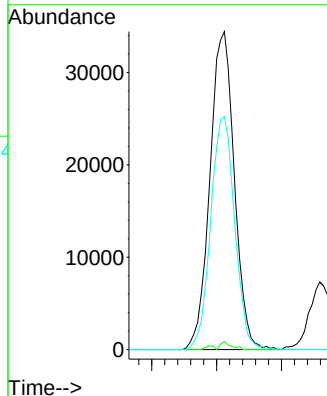
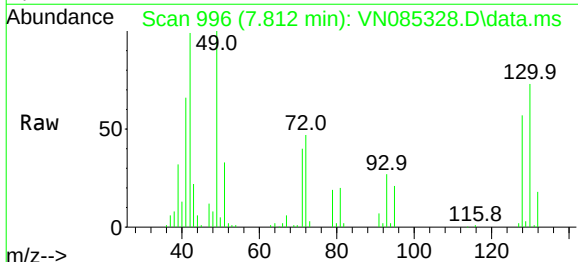
Manual Integrations
APPROVED

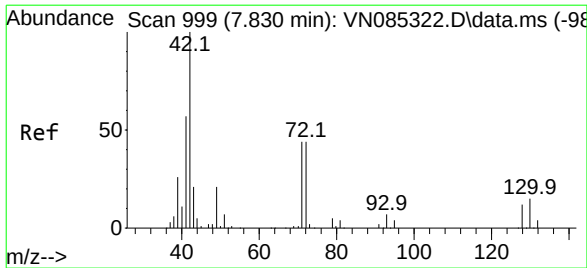
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#28
Bromochloromethane
Concen: 51.112 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Tgt Ion: 49 Resp: 90008
Ion Ratio Lower Upper
49 100
129 1.1 0.0 2.0
130 71.9 0.0 0.0#





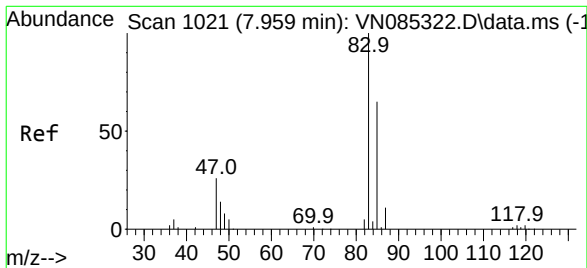
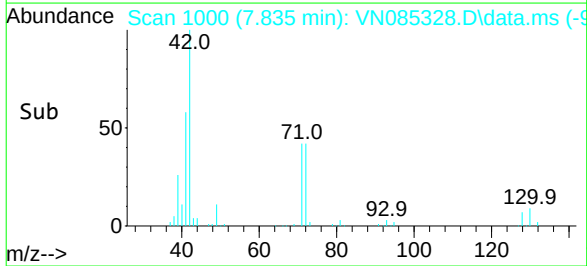
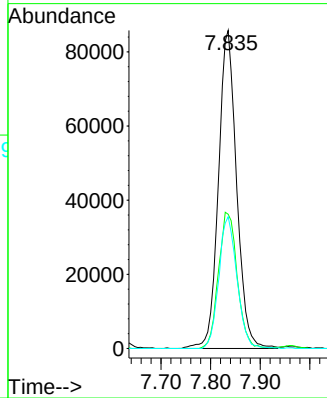
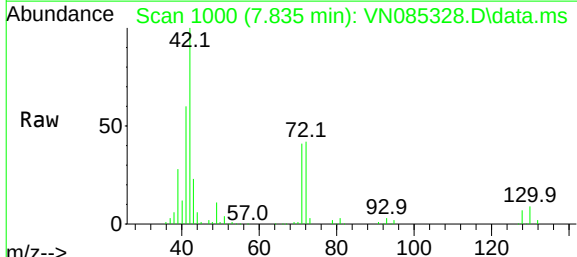
#29
Tetrahydrofuran
Concen: 283.909 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICV122724

Tgt Ion: 42 Resp: 218407
Ion Ratio Lower Upper
42 100
72 44.1 35.1 52.7
71 41.4 33.4 50.0

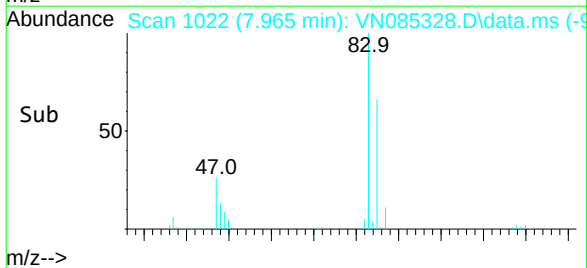
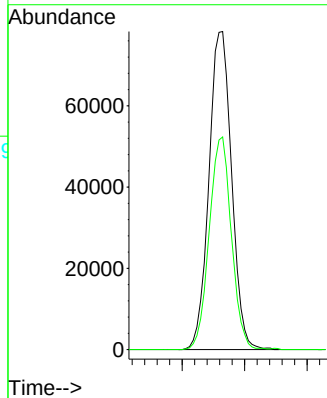
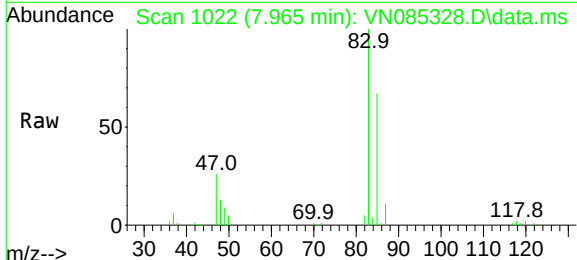
Manual Integrations
APPROVED

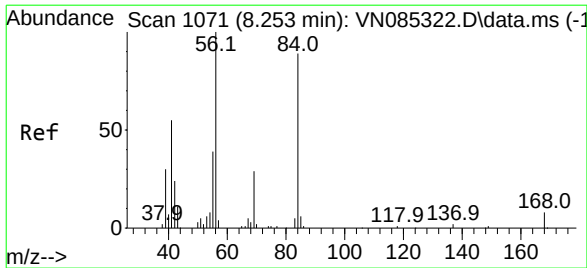
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#30
Chloroform
Concen: 50.890 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

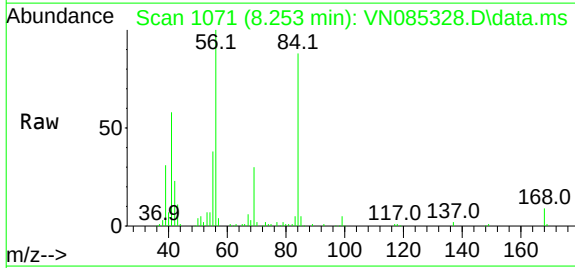
Tgt Ion: 83 Resp: 197287
Ion Ratio Lower Upper
83 100
85 66.9 52.0 78.0





#31
Cyclohexane
Concen: 47.956 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

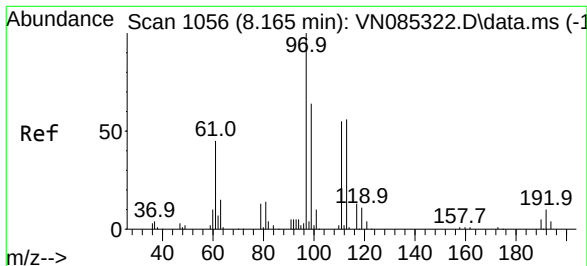
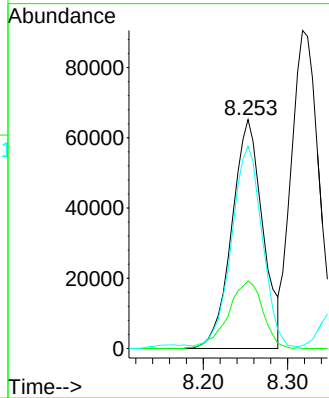
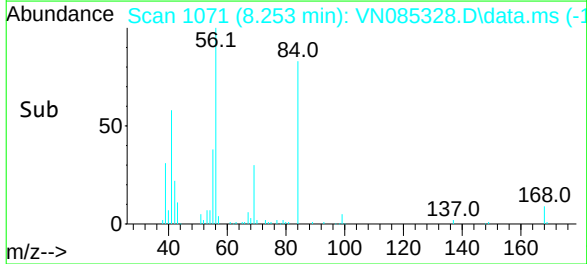
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122724



Tgt Ion: 56 Resp: 165938
Ion Ratio Lower Upper
56 100
69 29.5 23.4 35.0
84 87.0 71.0 106.6

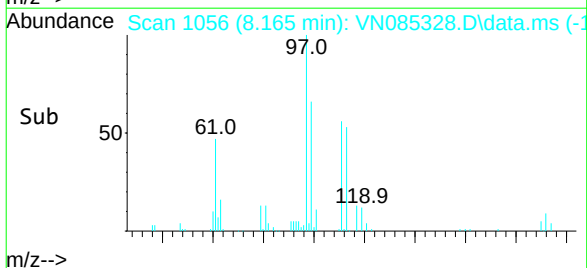
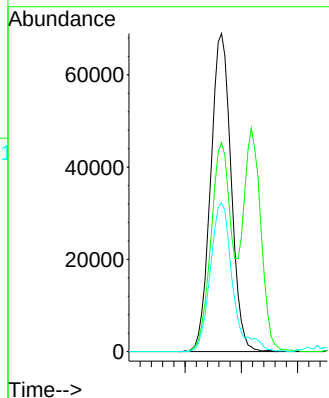
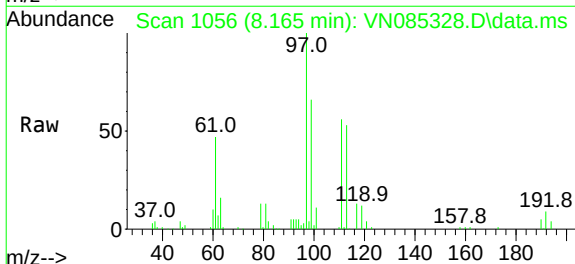
Manual Integrations
APPROVED

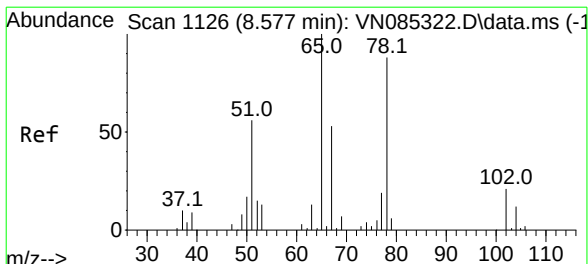
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#32
1,1,1-Trichloroethane
Concen: 50.333 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Tgt Ion: 97 Resp: 174266
Ion Ratio Lower Upper
97 100
99 67.2 53.3 79.9
61 50.8 39.6 59.4





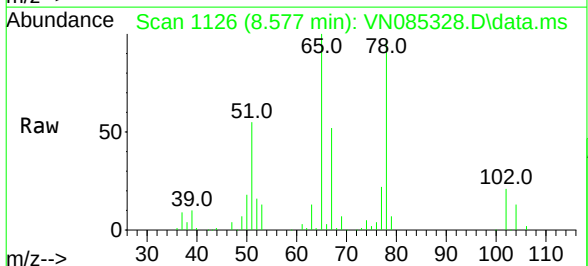
#33
 1,2-Dichloroethane-d4
 Concen: 50.547 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. 0.000 min
 Lab File: VN085328.D
 Acq: 27 Dec 2024 15:58

Instrument :

MSVOA_N

ClientSampleId :

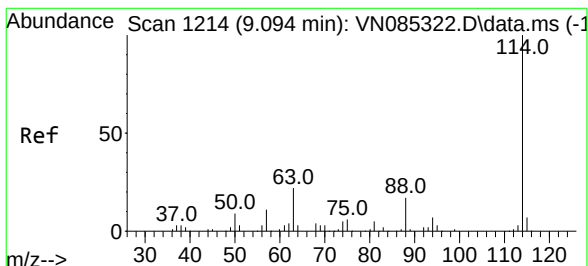
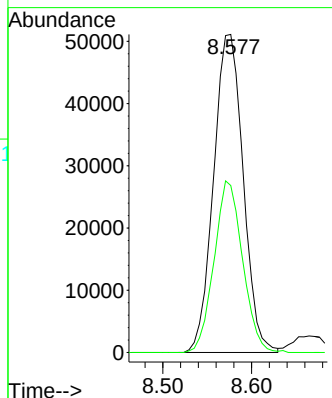
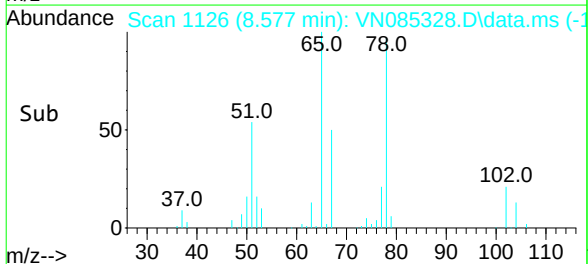
ICVVN122724



Tgt Ion: 65 Resp: 118332
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0

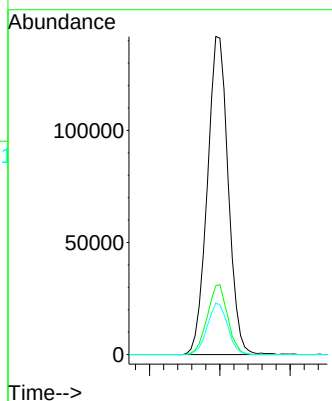
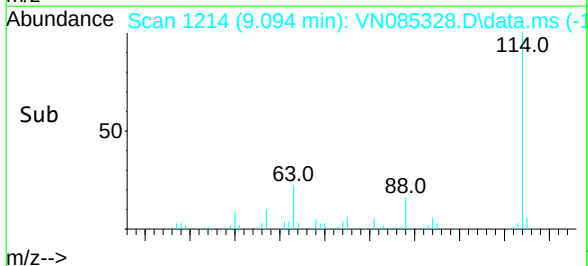
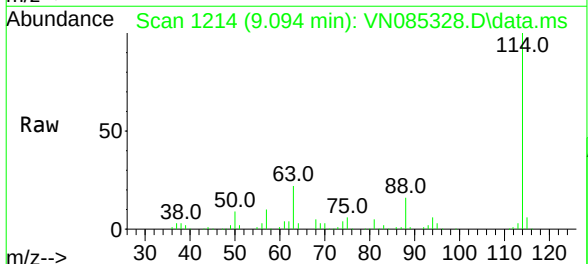
Manual Integrations
 APPROVED

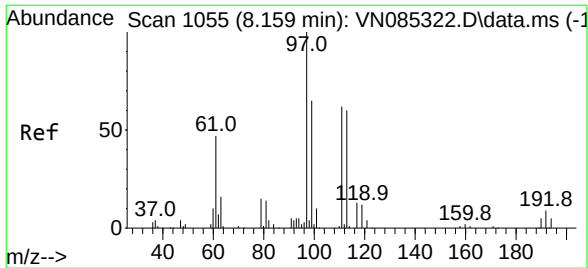
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085328.D
 Acq: 27 Dec 2024 15:58

Tgt Ion:114 Resp: 292504
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 16.2 0.0 33.6





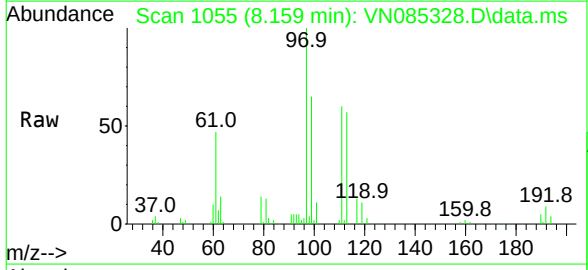
#35
 Dibromofluoromethane
 Concen: 50.398 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VN085328.D
 Acq: 27 Dec 2024 15:58

Instrument :

MSVOA_N

ClientSampleId :

ICVVN122724

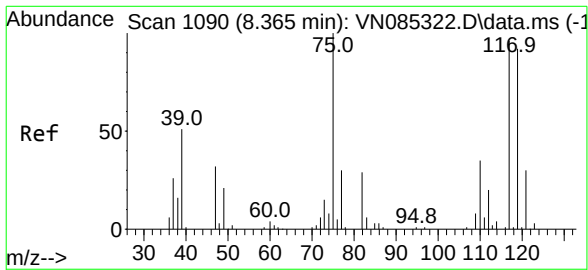
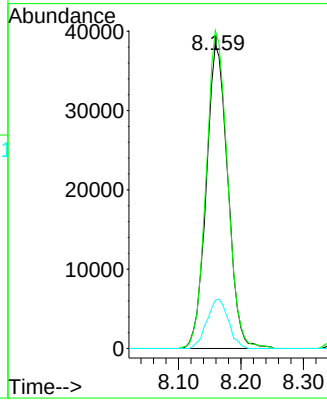
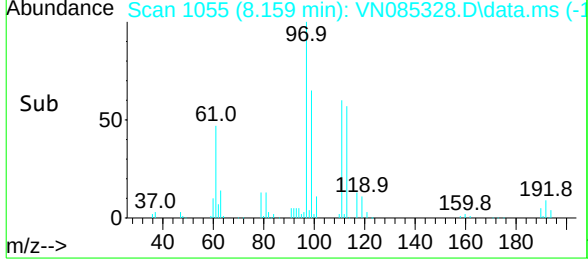


Tgt Ion:	113	Resp:	91966
Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.5	120.7
192	16.1	12.9	19.3

Manual Integrations

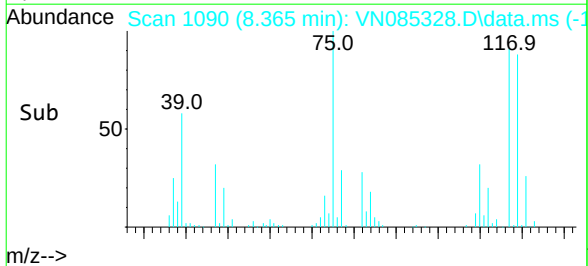
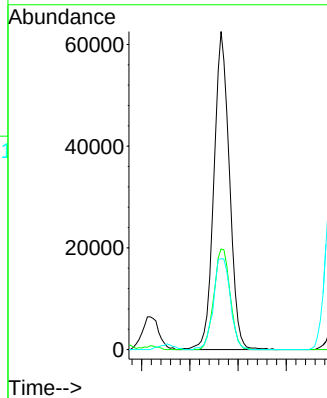
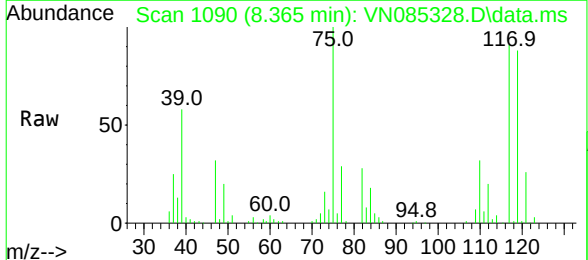
APPROVED

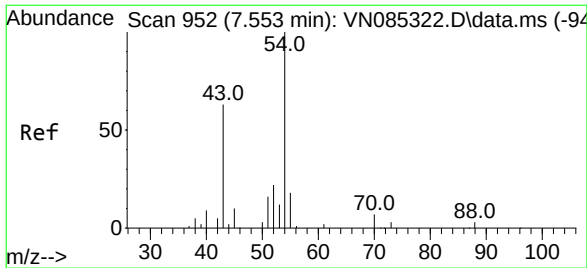
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#36
 1,1-Dichloropropene
 Concen: 52.447 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VN085328.D
 Acq: 27 Dec 2024 15:58

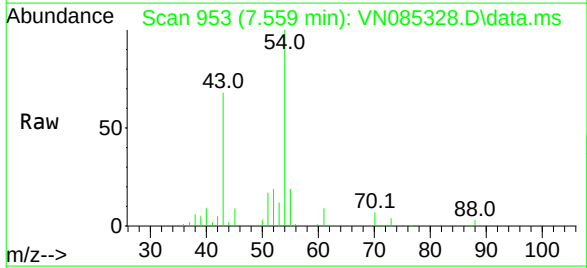
Tgt Ion:	75	Resp:	140127
Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.6	49.8
77	31.2	24.3	36.5





#37
Ethyl Acetate
Concen: 51.666 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

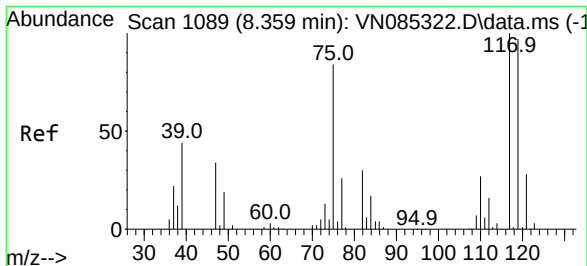
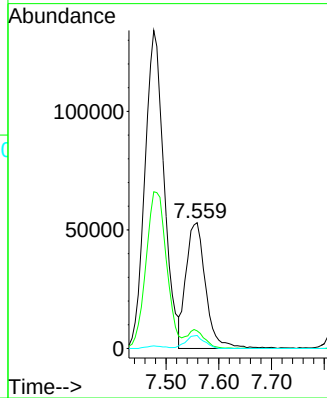
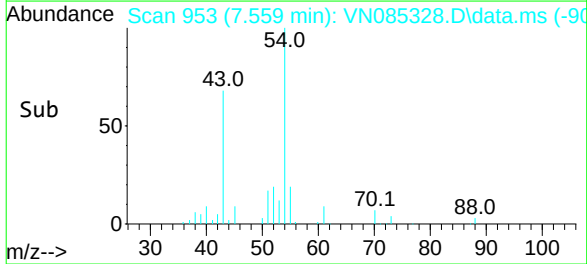
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122724



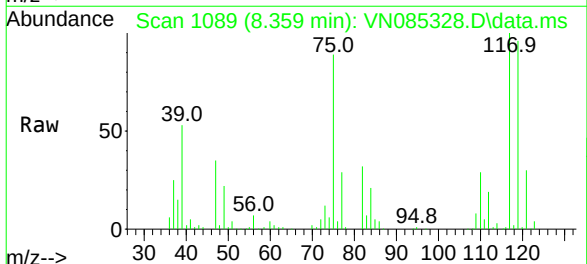
Tgt Ion: 43 Resp: 137205
Ion Ratio Lower Upper
43 100
61 13.6 10.4 15.6
70 9.7 8.2 12.2

Manual Integrations
APPROVED

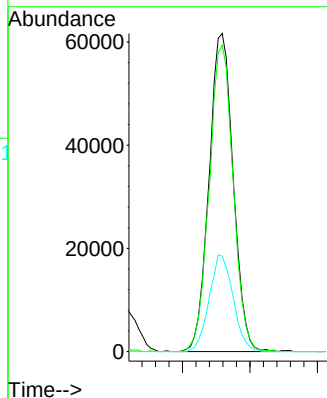
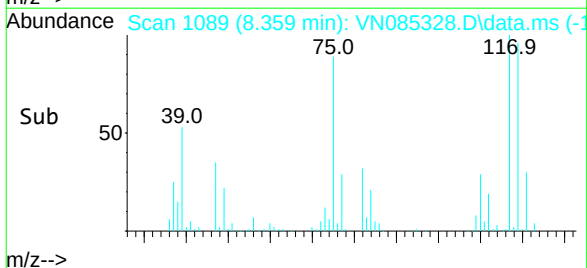
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

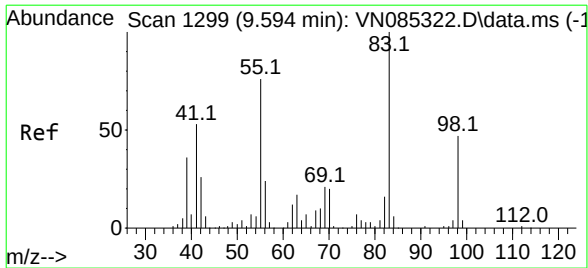


#38
Carbon Tetrachloride
Concen: 52.672 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58



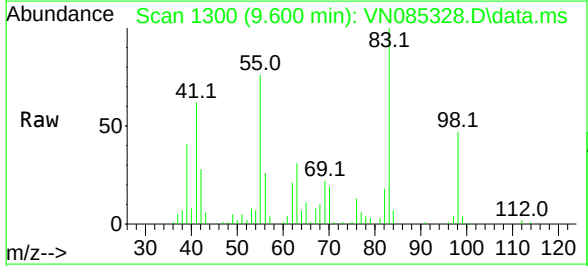
Tgt Ion:117 Resp: 153395
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.6
121 30.0 22.5 33.7





#39
Methylcyclohexane
Concen: 56.501 ug/l
RT: 9.600 min Scan# 13
Delta R.T. 0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

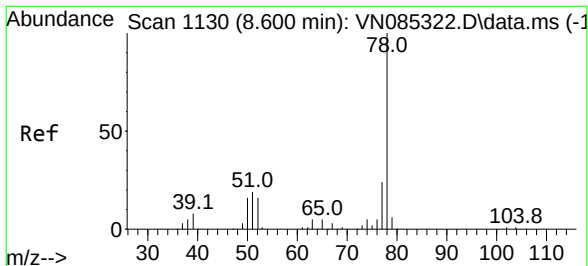
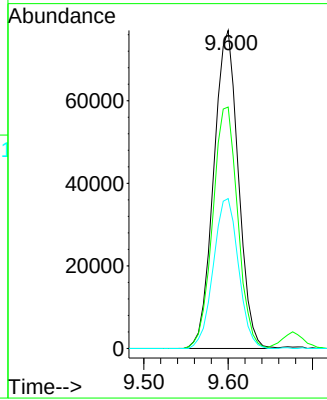
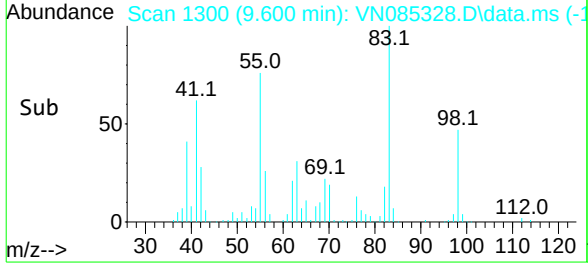
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122724



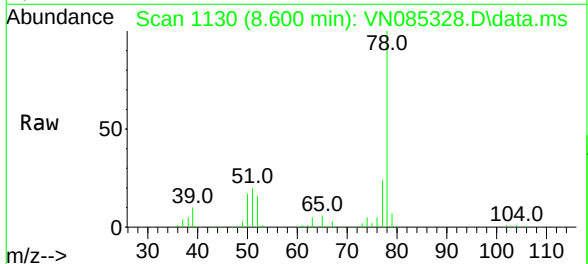
Tgt Ion: 83 Resp: 156627
Ion Ratio Lower Upper
83 100
55 75.9 60.7 91.1
98 47.1 37.7 56.5

Manual Integrations
APPROVED

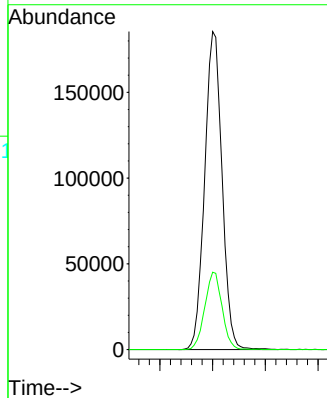
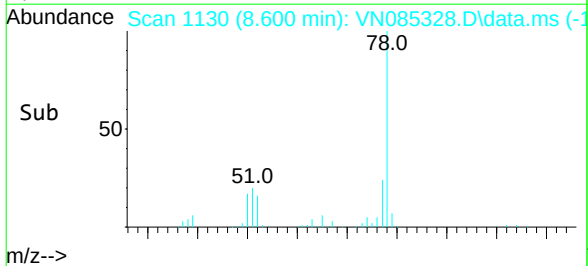
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

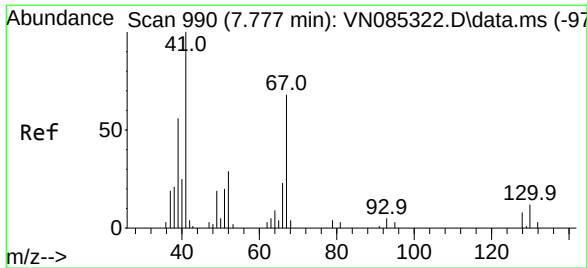


#40
Benzene
Concen: 52.550 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58



Tgt Ion: 78 Resp: 424501
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4





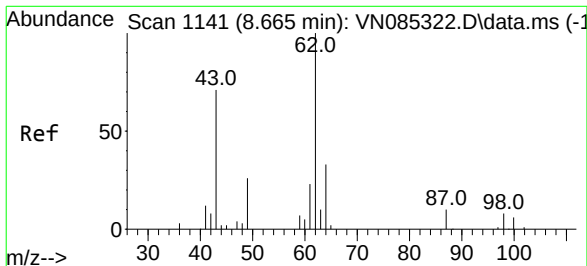
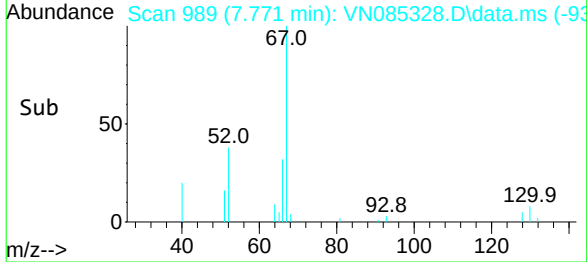
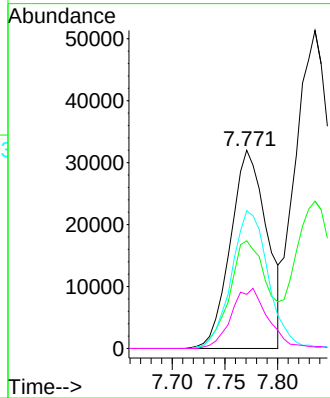
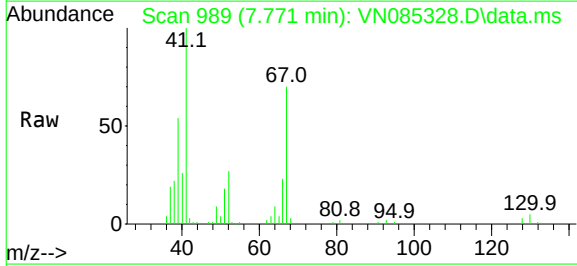
#41
Methacrylonitrile
Concen: 56.677 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICVNV122724

Tgt Ion: 41	Resp: 77084
Ion Ratio	Lower Upper
41 100	
39 55.8	45.8 68.8
67 70.2	57.1 85.7
52 30.8	25.1 37.7

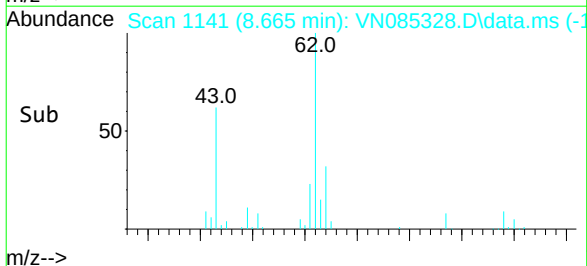
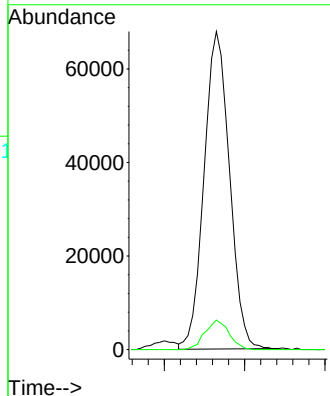
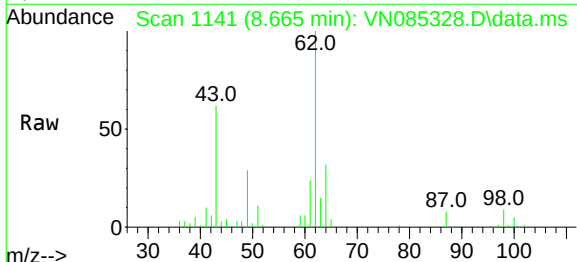
Manual Integrations
APPROVED

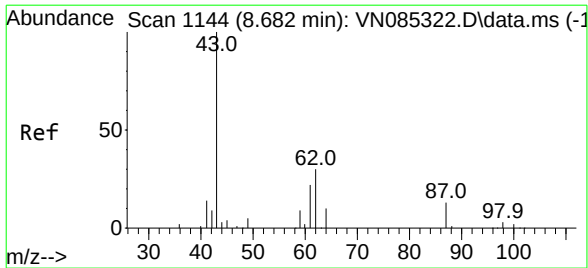
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#42
1,2-Dichloroethane
Concen: 51.568 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Tgt Ion: 62	Resp: 149352
Ion Ratio	Lower Upper
62 100	
98 8.8	0.0 17.6





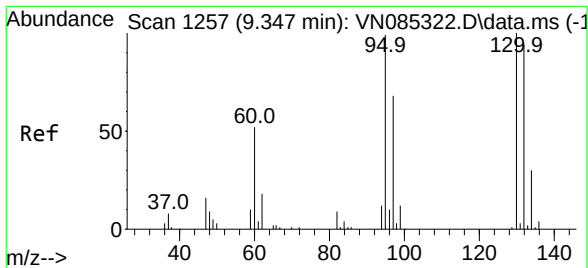
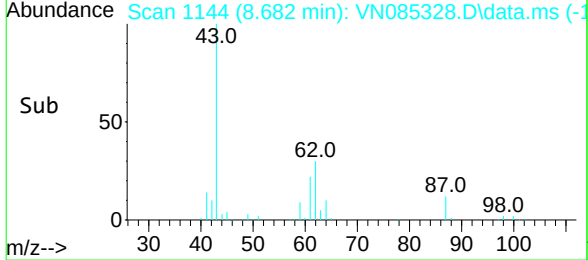
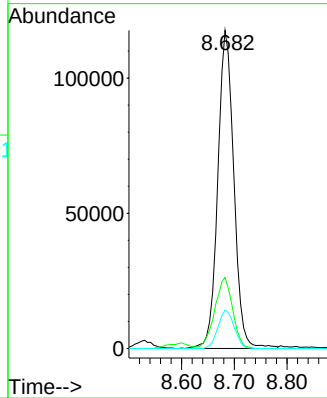
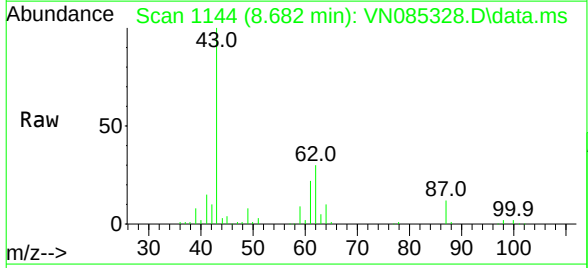
#43
Isopropyl Acetate
Concen: 56.953 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICVVN122724

Tgt Ion: 43 Resp: 249040
Ion Ratio Lower Upper
43 100
61 24.9 20.8 31.2
87 12.2 10.2 15.4

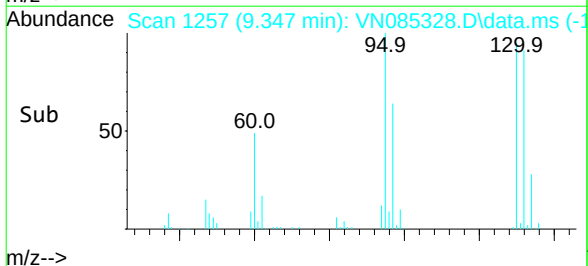
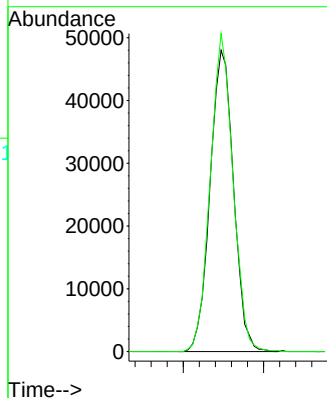
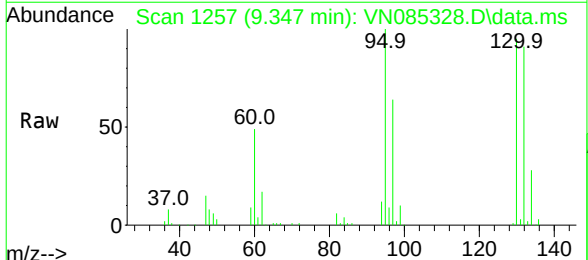
Manual Integrations
APPROVED

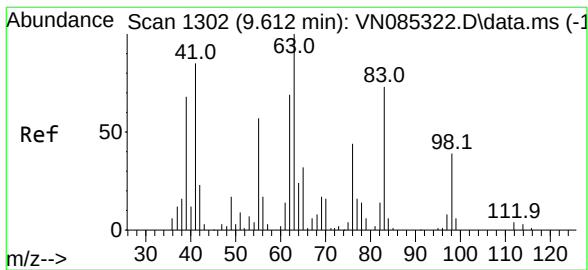
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#44
Trichloroethene
Concen: 50.930 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Tgt Ion:130 Resp: 97403
Ion Ratio Lower Upper
130 100
95 105.6 0.0 197.8





#45

1,2-Dichloropropane

Concen: 53.441 ug/l

RT: 9.618 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

Instrument :

MSVOA_N

ClientSampleId :

ICVNV122724

Tgt Ion: 63 Resp: 109589

Ion Ratio Lower Upper

63 100

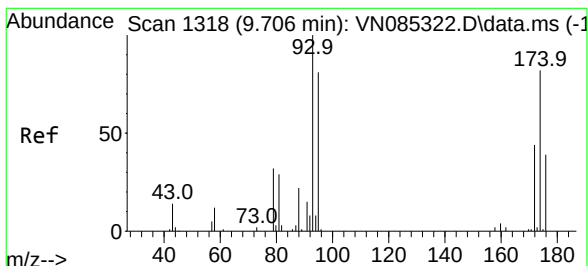
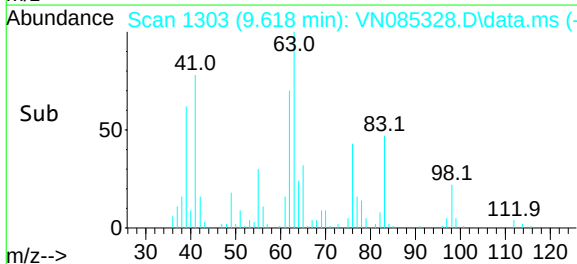
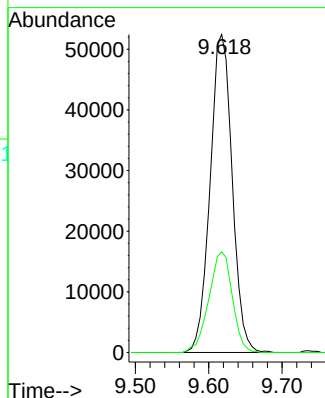
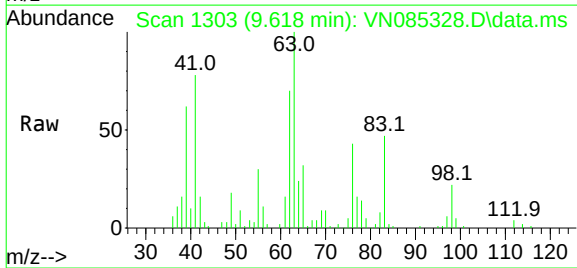
65 31.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#46

Dibromomethane

Concen: 53.491 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

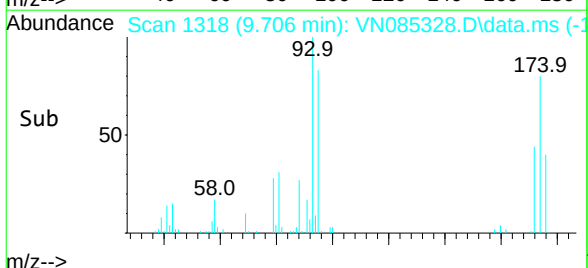
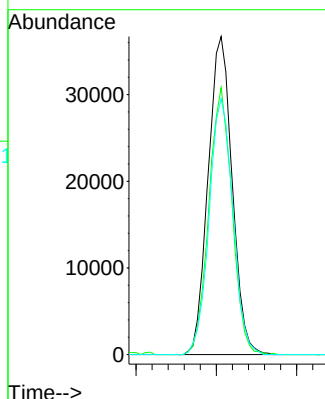
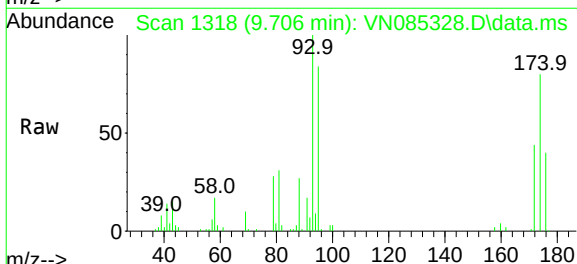
Tgt Ion: 93 Resp: 76287

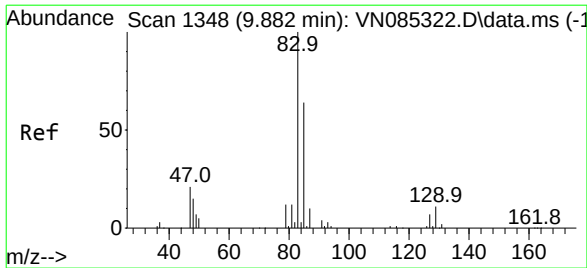
Ion Ratio Lower Upper

93 100

95 80.9 65.3 97.9

174 79.7 66.4 99.6





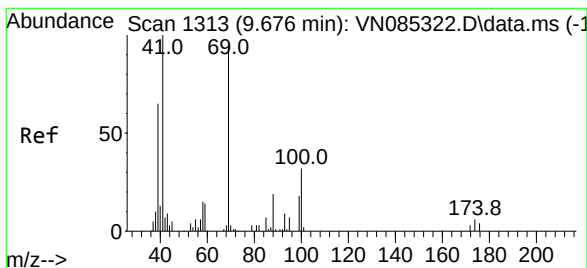
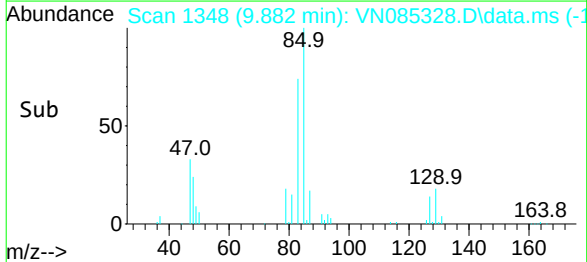
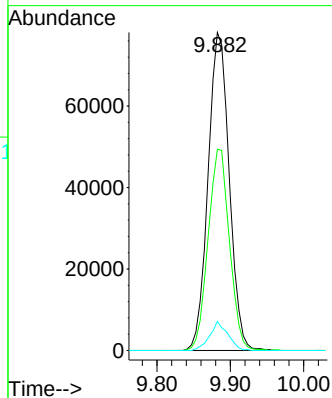
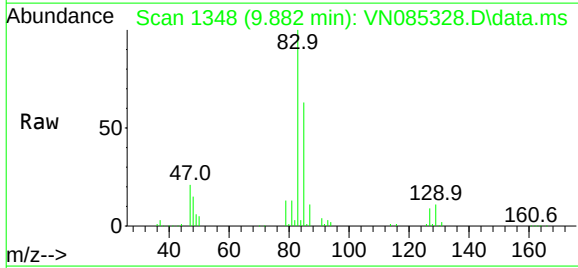
#47
Bromodichloromethane
Concen: 52.728 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICNVN122724

Tgt Ion: 83 Resp: 156297
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.4
127 9.2 5.8 8.6

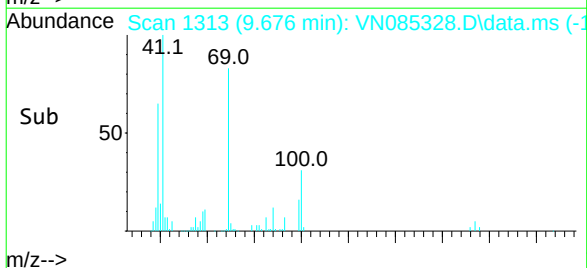
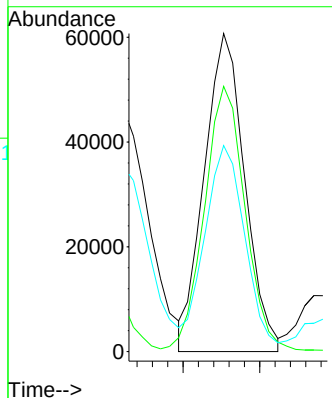
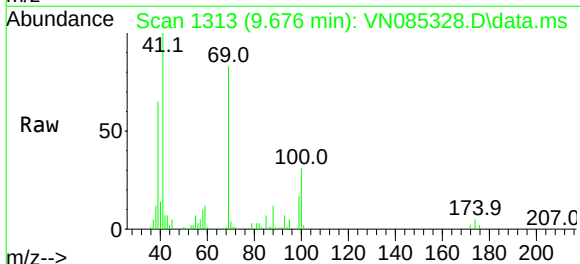
Manual Integrations
APPROVED

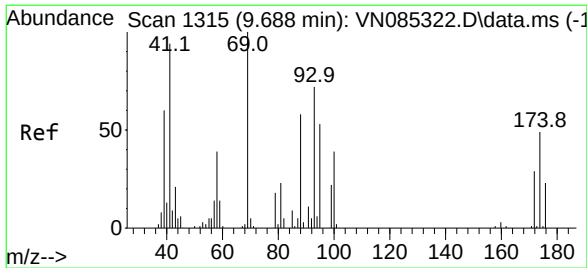
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#48
Methyl methacrylate
Concen: 58.590 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

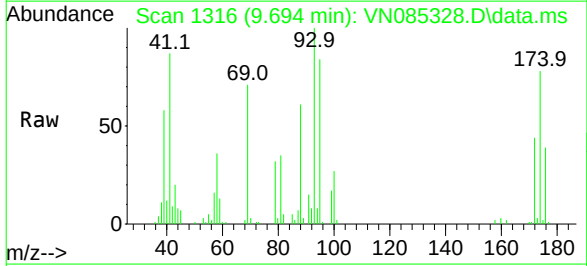
Tgt Ion: 41 Resp: 111168
Ion Ratio Lower Upper
41 100
69 84.6 67.7 101.5
39 64.9 51.2 76.8





#49
1,4-Dioxane
Concen: 1197.029 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

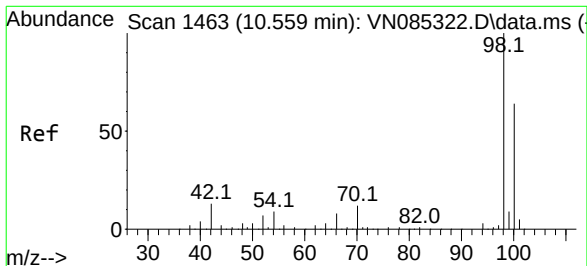
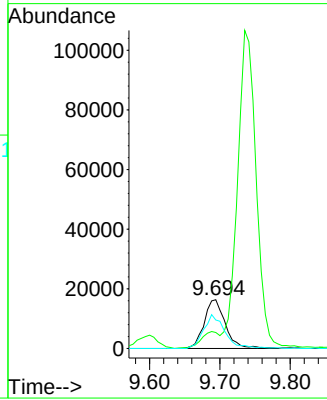
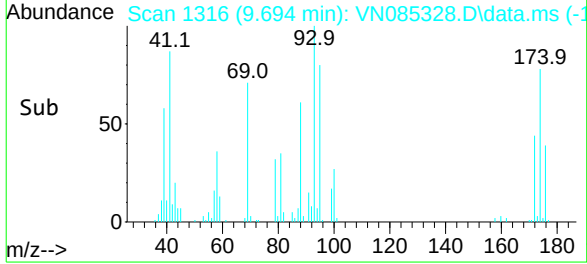
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122724



Tgt Ion: 88 Resp: 34268
Ion Ratio Lower Upper
88 100
43 30.3 22.1 33.1
58 70.6 56.7 85.1

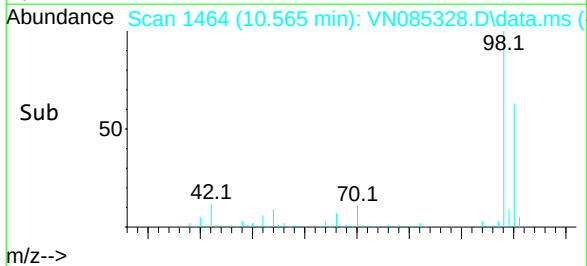
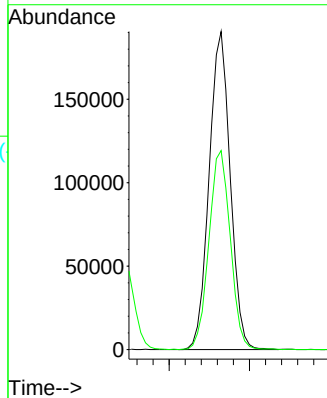
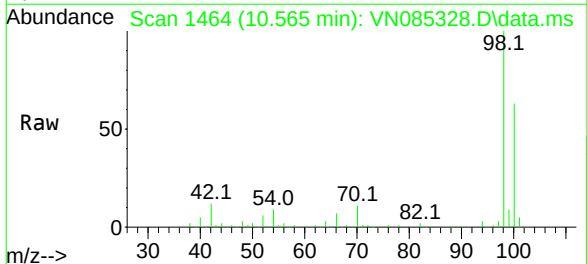
Manual Integrations
APPROVED

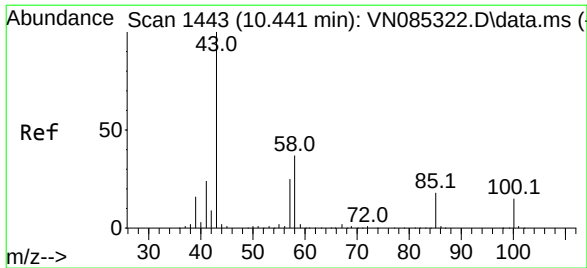
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#50
Toluene-d8
Concen: 51.871 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Tgt Ion: 98 Resp: 347336
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3





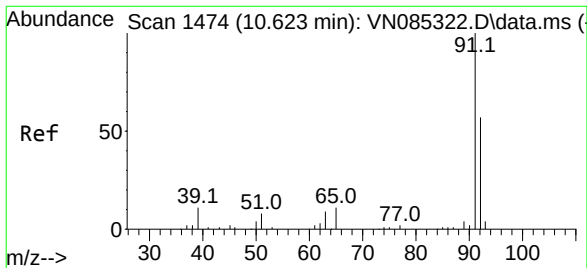
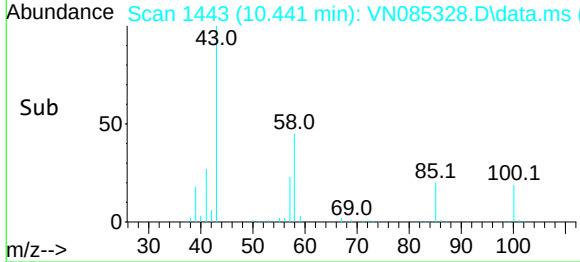
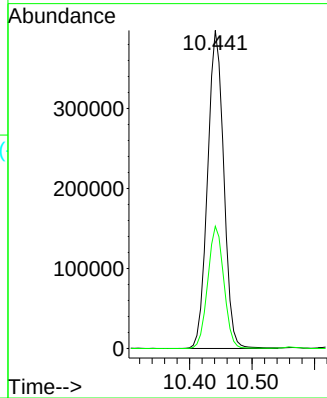
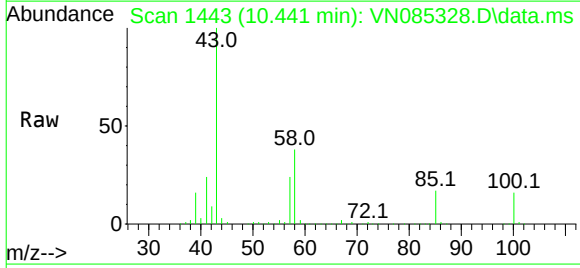
#51
4-Methyl-2-Pentanone
Concen: 290.641 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICVNV122724

Tgt Ion: 43 Resp: 714200
Ion Ratio Lower Upper
43 100
58 38.3 30.3 45.5

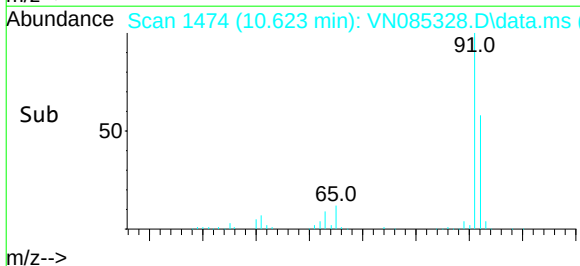
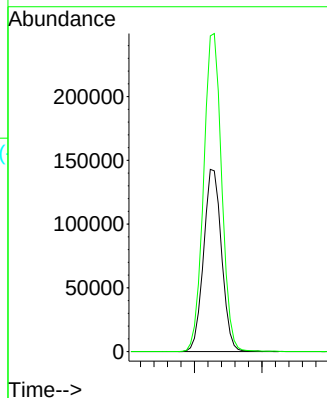
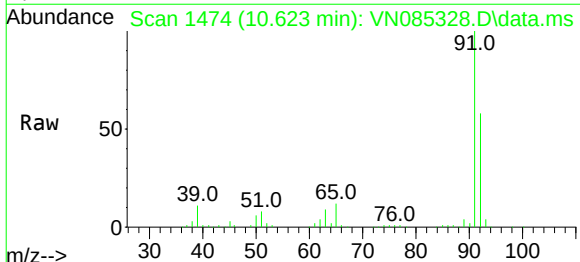
Manual Integrations
APPROVED

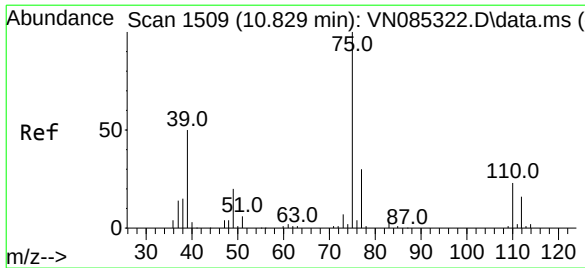
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#52
Toluene
Concen: 54.941 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

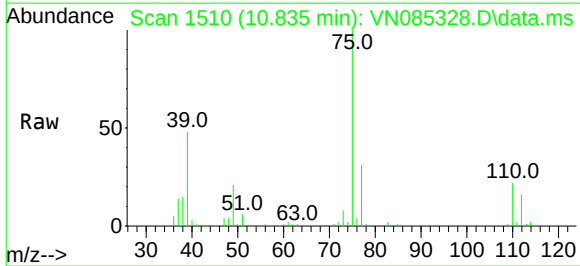
Tgt Ion: 92 Resp: 264263
Ion Ratio Lower Upper
92 100
91 175.2 140.2 210.4





#53
 t-1,3-Dichloropropene
 Concen: 56.497 ug/l
 RT: 10.835 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: VN085328.D
 Acq: 27 Dec 2024 15:58

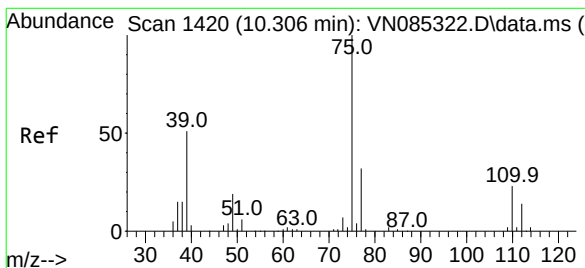
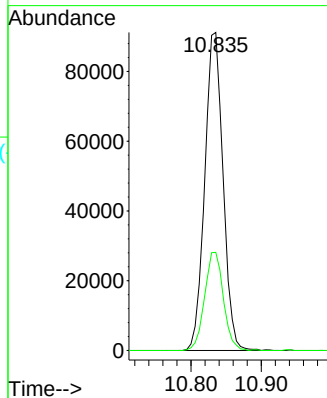
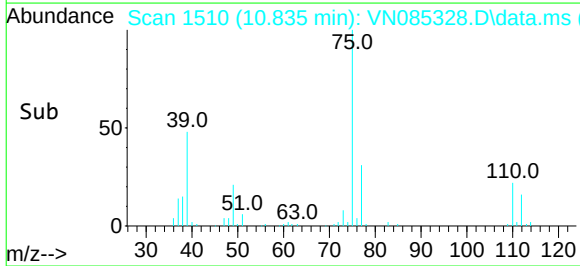
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN122724



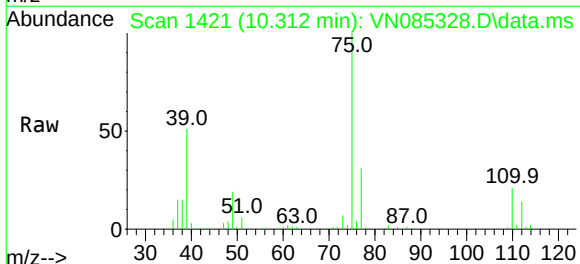
Tgt Ion: 75 Resp: 164691
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.8 35.6

Manual Integrations
 APPROVED

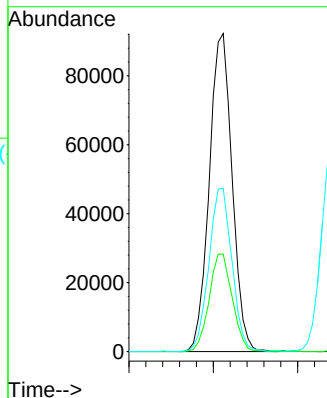
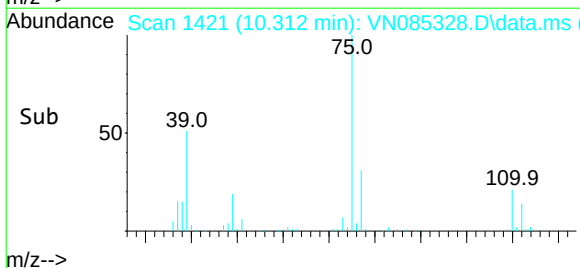
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024

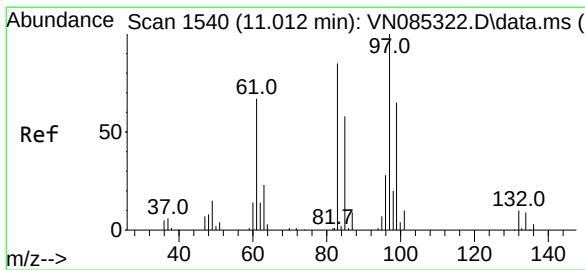


#54
 cis-1,3-Dichloropropene
 Concen: 55.040 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085328.D
 Acq: 27 Dec 2024 15:58



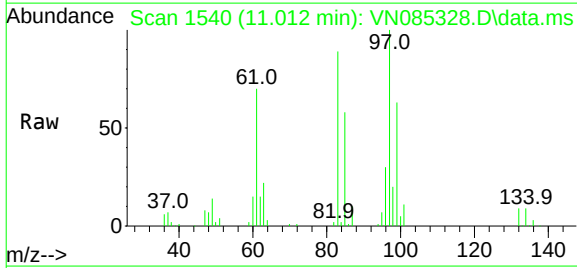
Tgt Ion: 75 Resp: 173493
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.5 38.3
 39 51.4 40.5 60.7





#55
1,1,2-Trichloroethane
Concen: 53.314 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

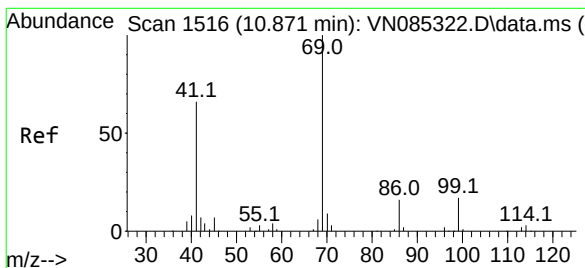
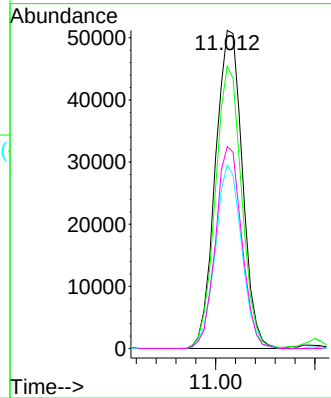
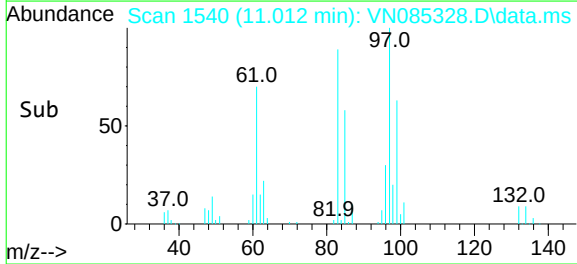
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122724



Tgt Ion:	97	Resp:	96817
Ion	Ratio	Lower	Upper
97	100		
83	88.8	67.7	101.5
85	57.7	46.2	69.4
99	63.5	51.8	77.6

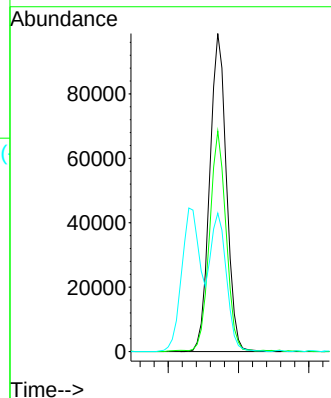
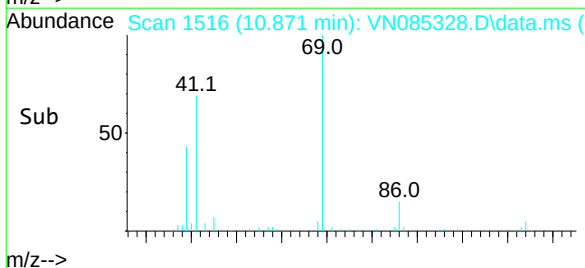
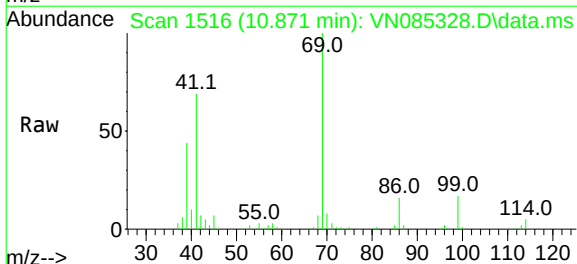
Manual Integrations
APPROVED

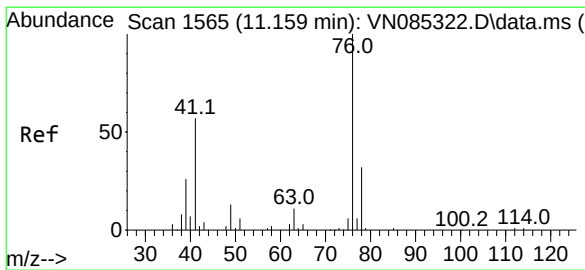
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#56
Ethyl methacrylate
Concen: 61.733 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

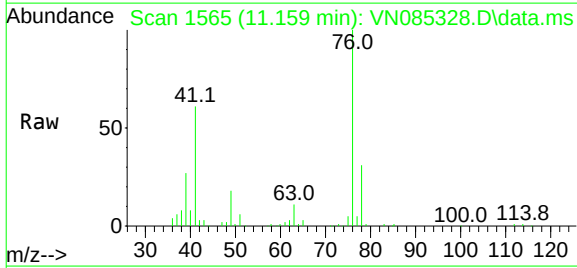
Tgt Ion:	69	Resp:	163272
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.3	81.5
39	41.9	32.0	48.0





#57
1,3-Dichloropropane
Concen: 54.020 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

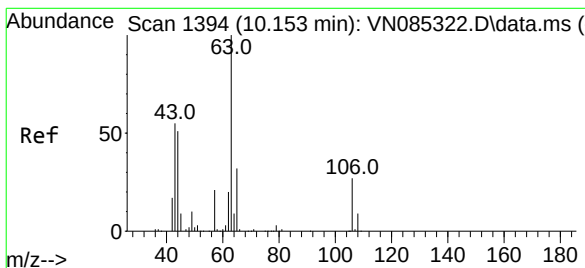
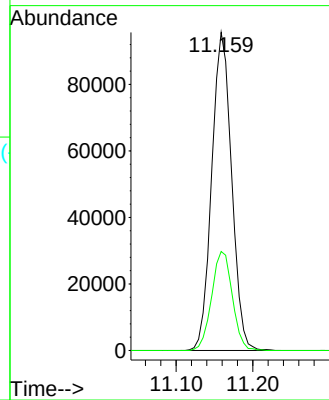
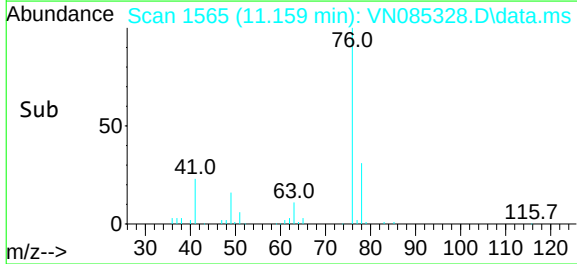
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122724



Tgt Ion: 76 Resp: 172176
Ion Ratio Lower Upper
76 100
78 32.3 25.5 38.3

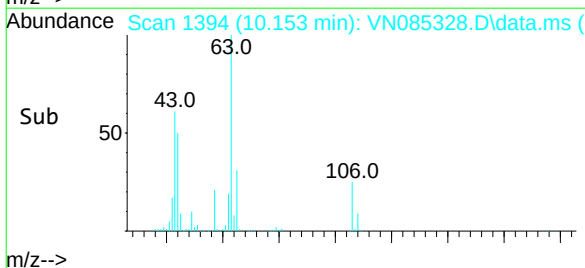
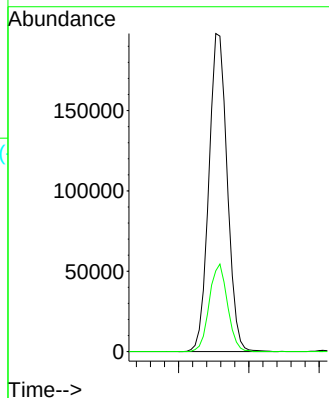
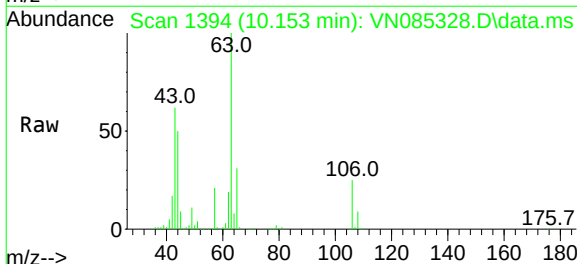
Manual Integrations
APPROVED

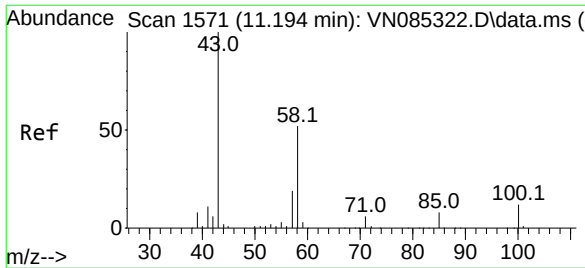
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#58
2-Chloroethyl Vinyl ether
Concen: 280.905 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Tgt Ion: 63 Resp: 359446
Ion Ratio Lower Upper
63 100
106 27.2 22.1 33.1





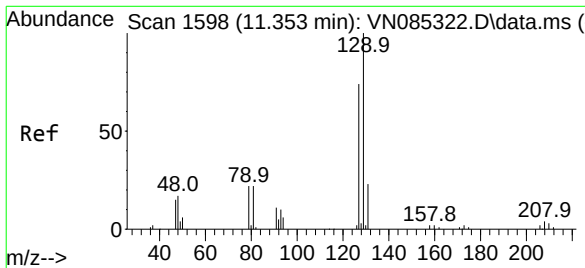
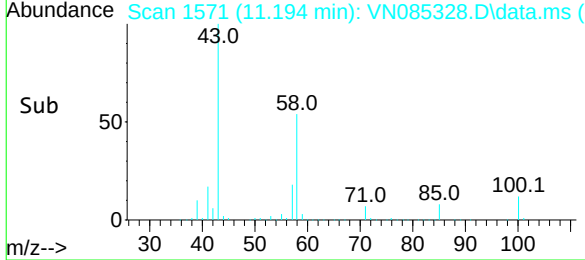
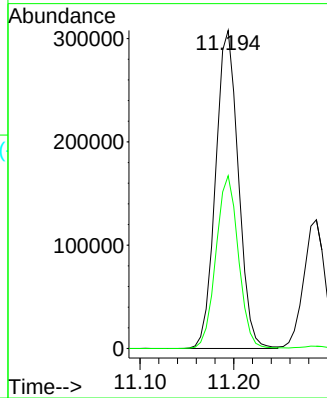
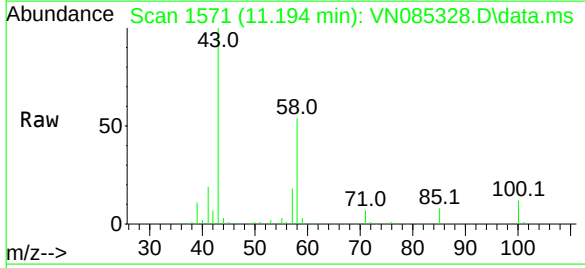
#59
2-Hexanone
Concen: 304.633 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICVNVN122724

Tgt Ion: 43 Resp: 519370
Ion Ratio Lower Upper
43 100
58 53.6 26.5 79.5

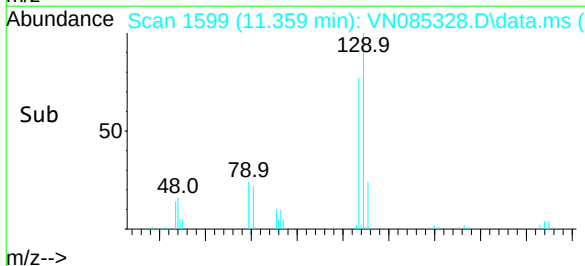
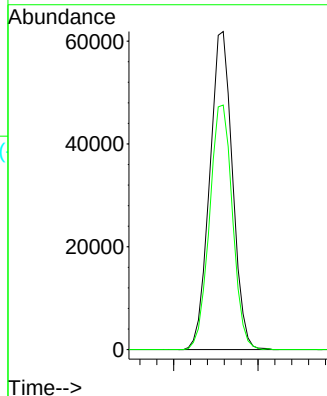
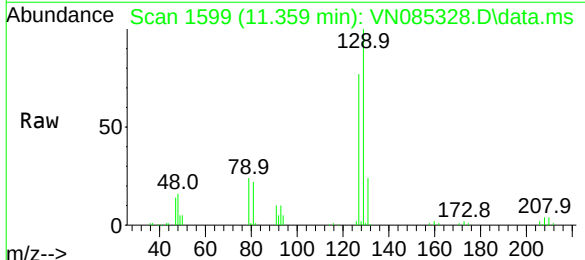
Manual Integrations
APPROVED

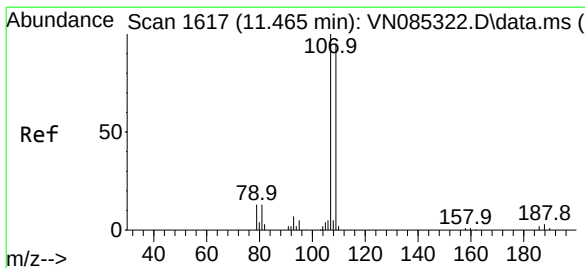
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#60
Dibromochloromethane
Concen: 56.856 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

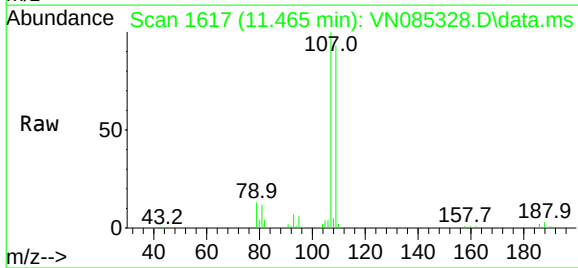
Tgt Ion:129 Resp: 116293
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9





#61
1,2-Dibromoethane
Concen: 54.445 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

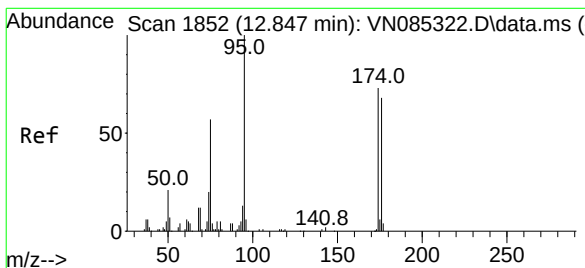
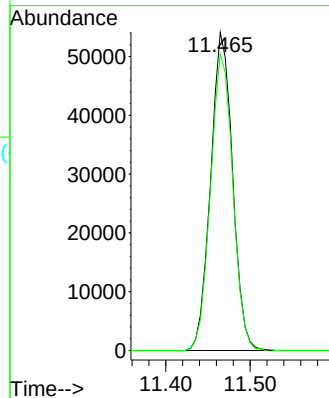
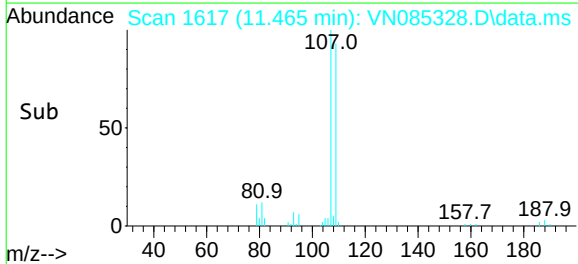
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122724



Tgt Ion: 107 Resp: 97817
Ion Ratio Lower Upper
107 100
109 94.6 74.9 112.3

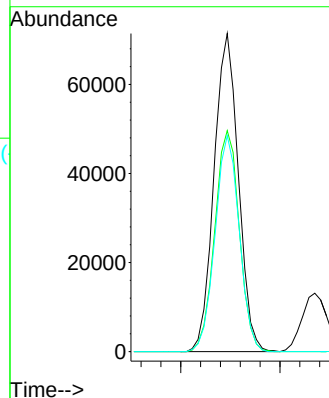
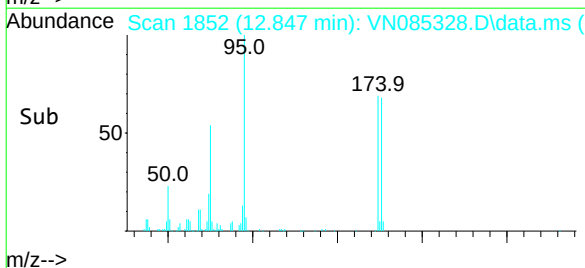
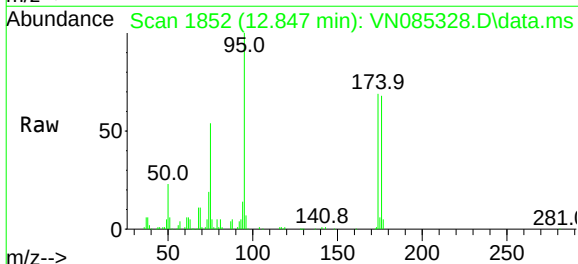
Manual Integrations
APPROVED

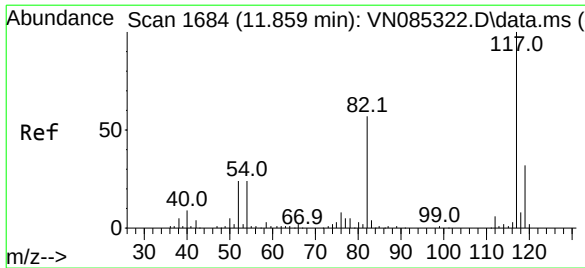
Reviewed By : John Carlone 12/30/2024
Supervised By : Mahesh Dadoda 12/30/2024



#62
4-Bromofluorobenzene
Concen: 54.619 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

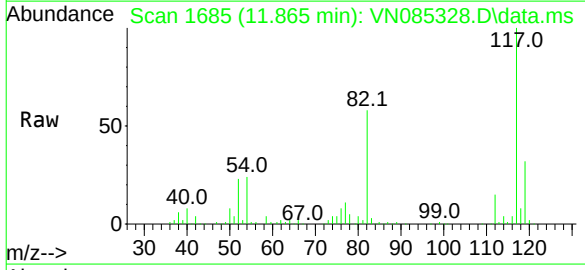
Tgt Ion: 95 Resp: 121466
Ion Ratio Lower Upper
95 100
174 70.1 0.0 143.2
176 67.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

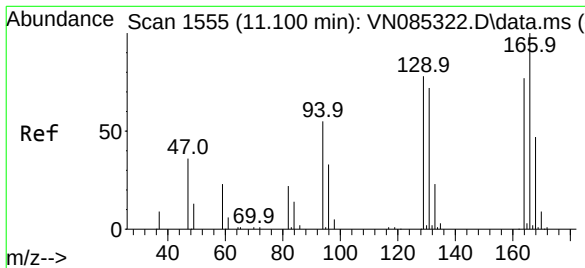
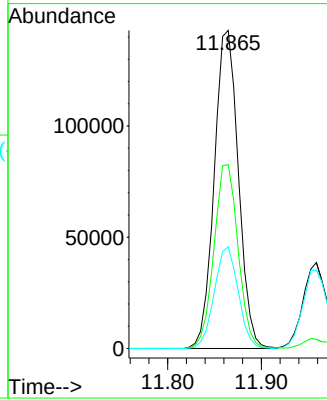
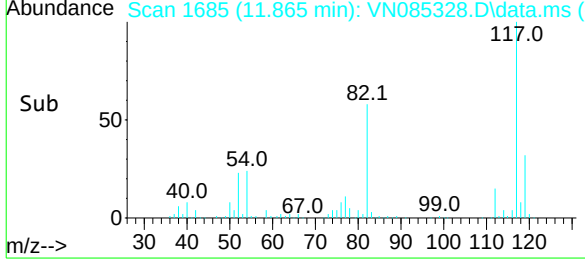
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122724



Tgt Ion:117 Resp: 256012
Ion Ratio Lower Upper
117 100
82 57.8 45.7 68.5
119 32.0 25.8 38.8

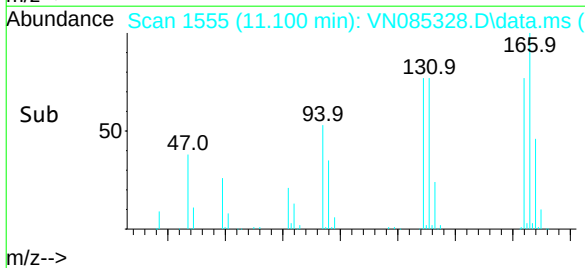
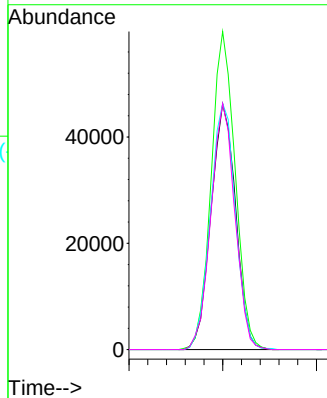
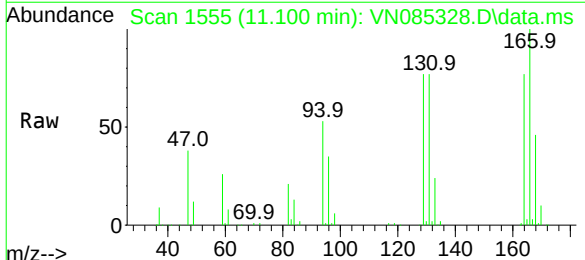
Manual Integrations
APPROVED

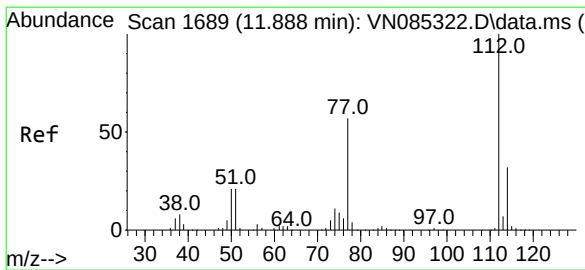
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#64
Tetrachloroethene
Concen: 52.056 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Tgt Ion:164 Resp: 84445
Ion Ratio Lower Upper
164 100
166 129.5 104.0 156.0
129 100.2 81.3 121.9
131 100.1 75.0 112.6





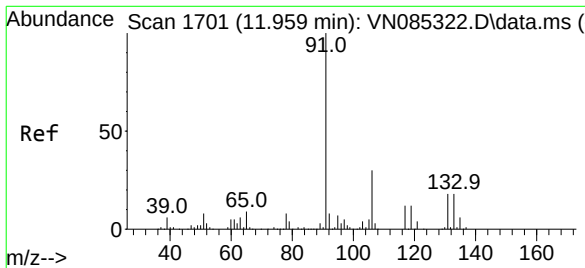
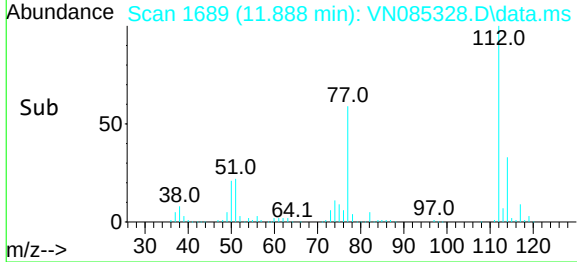
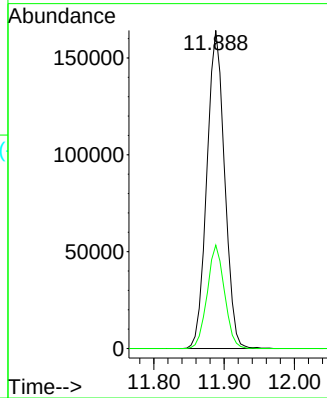
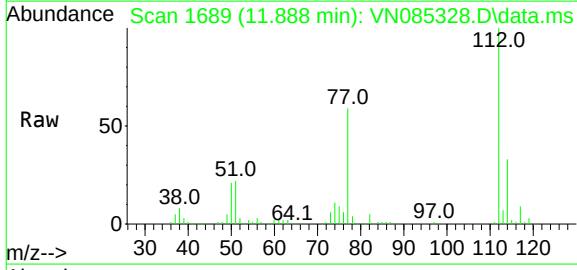
#65
Chlorobenzene
Concen: 52.014 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICV122724

Tgt Ion:112 Resp: 287764
Ion Ratio Lower Upper
112 100
114 32.5 25.2 37.8

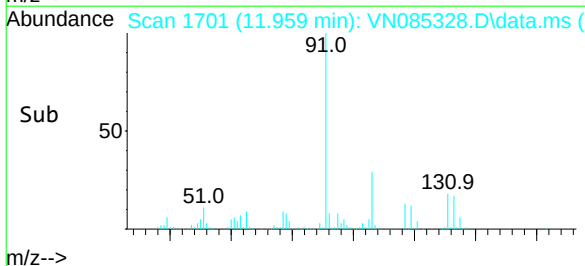
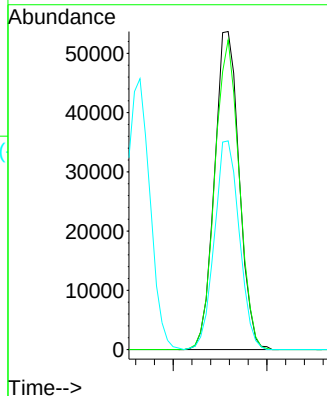
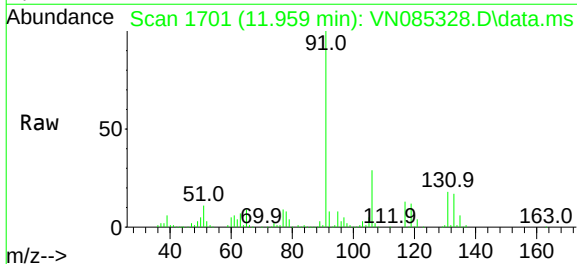
Manual Integrations
APPROVED

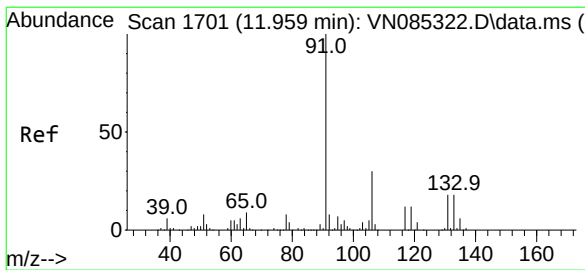
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.882 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Tgt Ion:131 Resp: 98192
Ion Ratio Lower Upper
131 100
133 96.0 48.3 144.9
119 66.2 33.4 100.1





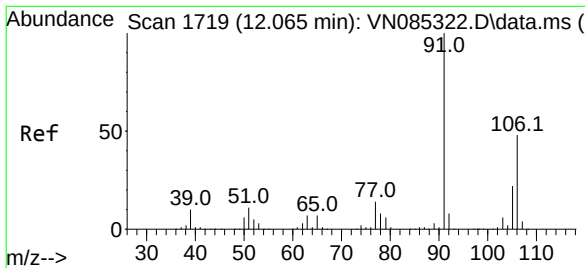
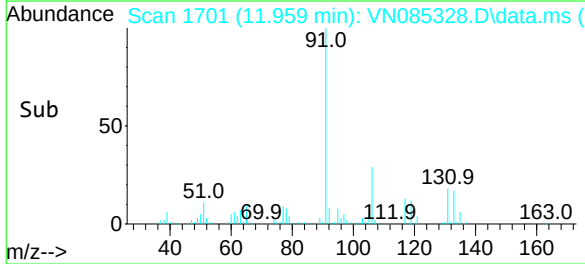
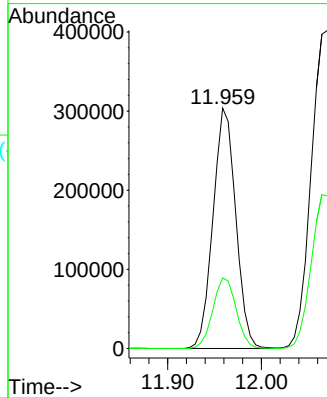
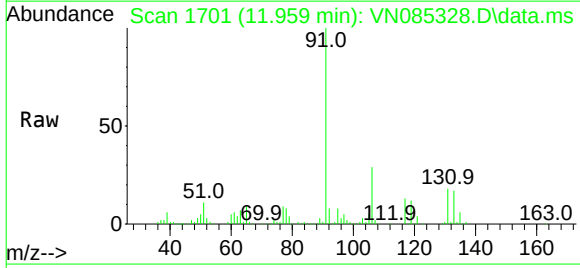
#67
Ethyl Benzene
Concen: 55.669 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICVVN122724

Tgt Ion: 91 Resp: 512193
Ion Ratio Lower Upper
91 100
106 29.3 24.0 36.0

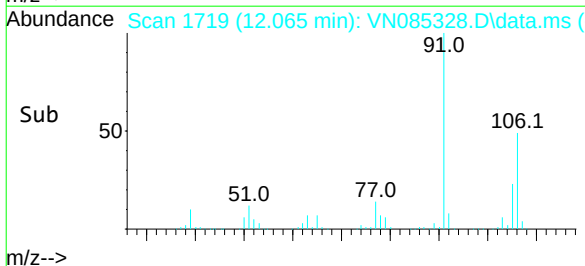
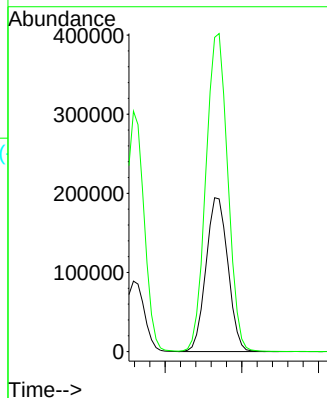
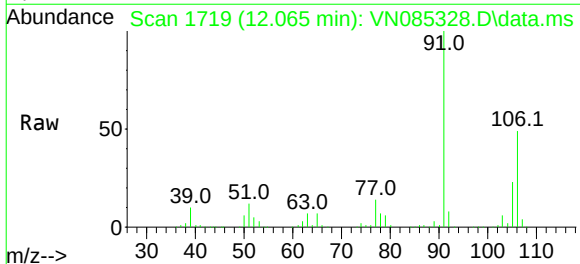
Manual Integrations
APPROVED

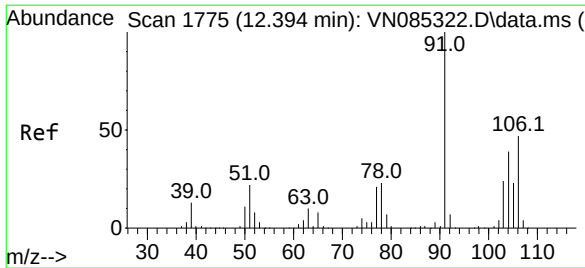
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#68
m/p-Xylenes
Concen: 114.768 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Tgt Ion:106 Resp: 386429
Ion Ratio Lower Upper
106 100
91 206.3 165.2 247.8





#69

o-Xylene

Concen: 56.809 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

Instrument :

MSVOA_N

ClientSampleId :

ICVNVN122724

Tgt Ion:106 Resp: 185036

Ion Ratio Lower Upper

106 100

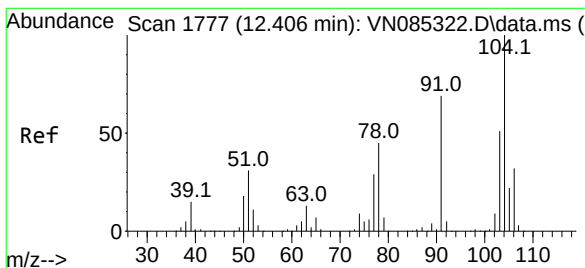
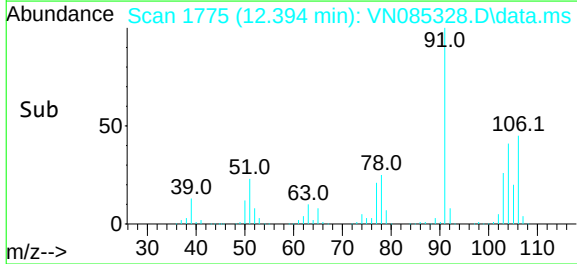
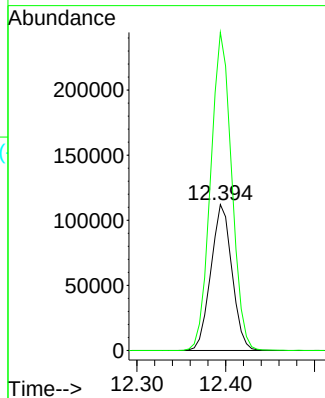
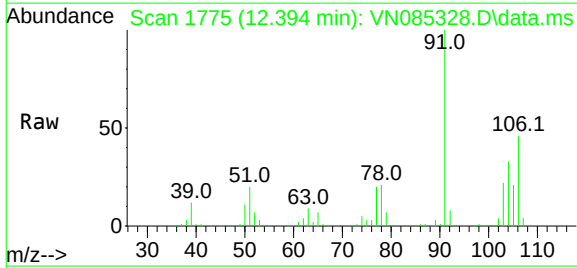
91 217.8 107.3 321.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#70

Styrene

Concen: 59.331 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

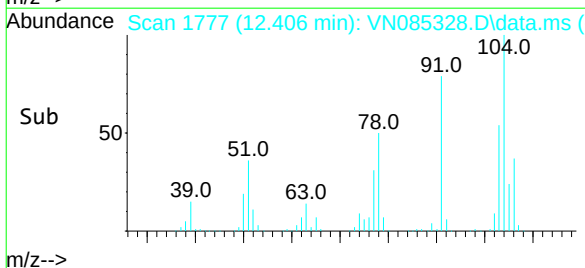
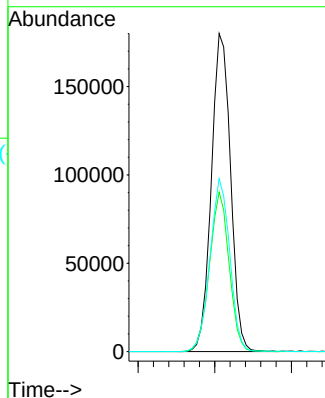
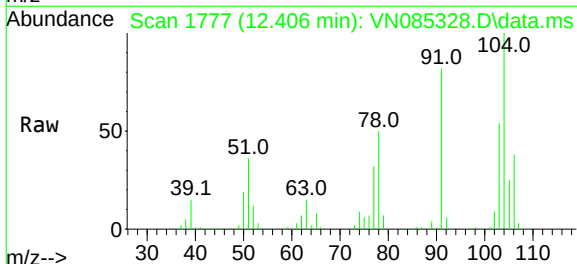
Tgt Ion:104 Resp: 313206

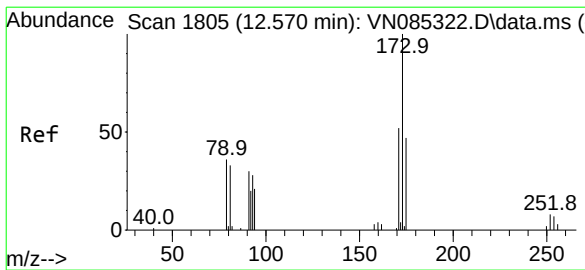
Ion Ratio Lower Upper

104 100

78 51.1 40.7 61.1

103 55.8 44.1 66.1





#71

Bromoform

Concen: 56.226 ug/l

RT: 12.576 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

Instrument :

MSVOA_N

ClientSampleId :

ICV122724

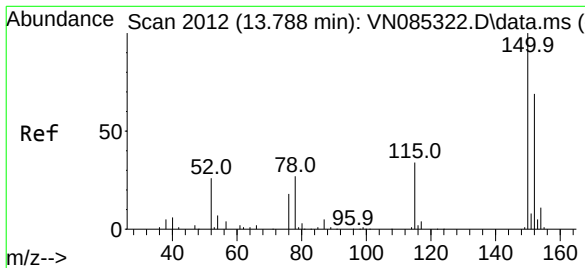
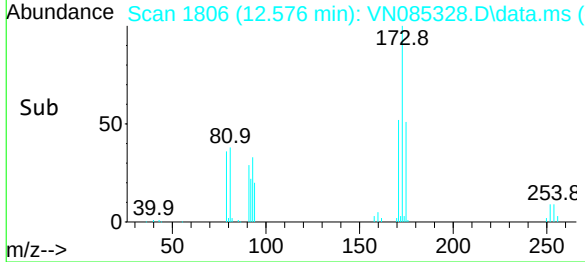
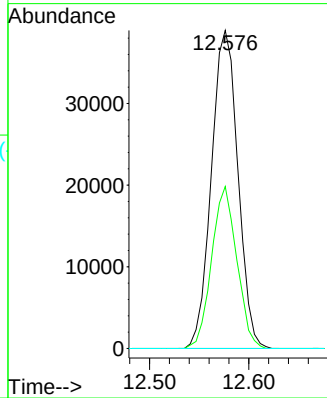
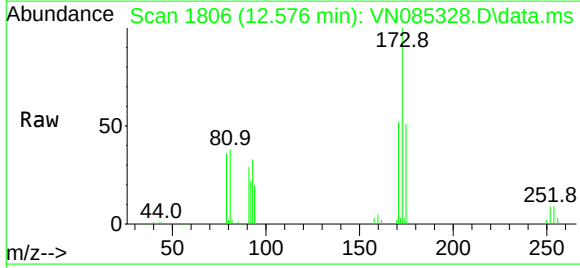
Tgt Ion:	173	Resp:	72309
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

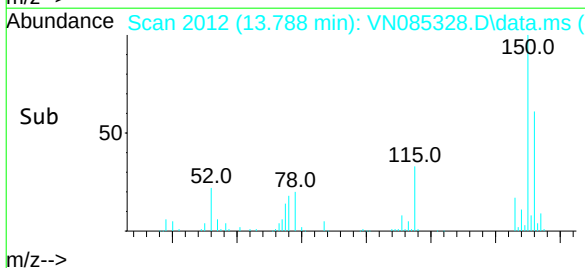
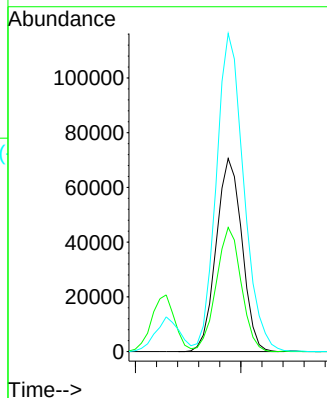
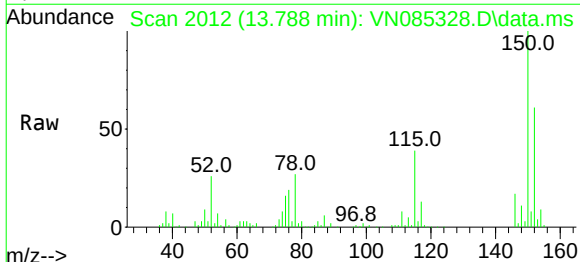
RT: 13.788 min Scan# 2012

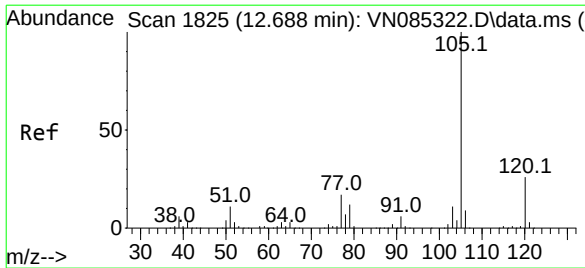
Delta R.T. 0.000 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

Tgt Ion:	152	Resp:	120013
Ion Ratio	Lower	Upper	
152	100		
115	62.5	30.4	91.3
150	175.7	0.0	345.0





#73

Isopropylbenzene

Concen: 54.966 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

Instrument :

MSVOA_N

ClientSampleId :

ICVVN122724

Tgt Ion: 105 Resp: 474369

Ion Ratio Lower Upper

105 100

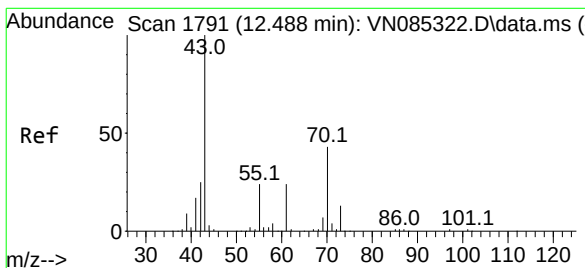
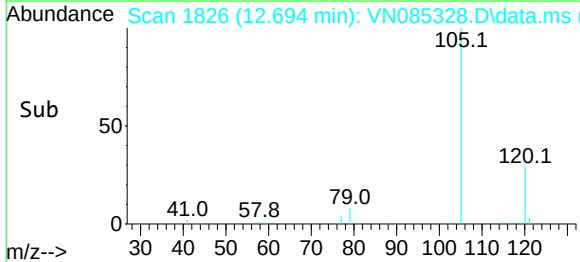
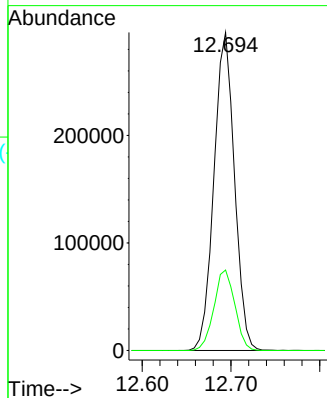
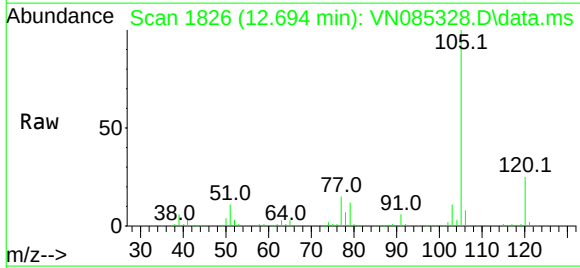
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#74

N-ethyl acetate

Concen: 57.337 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

Tgt Ion: 43 Resp: 211810

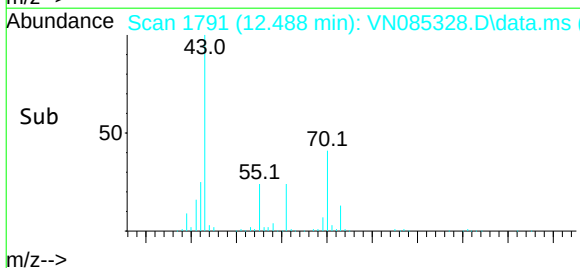
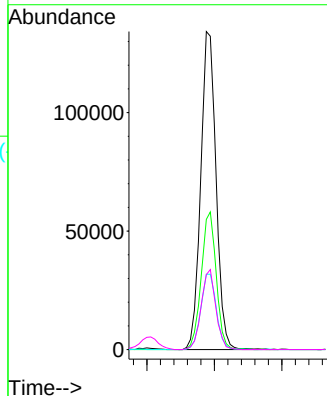
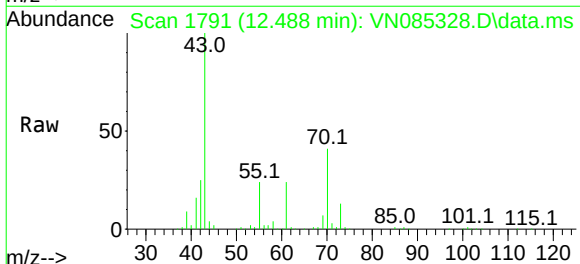
Ion Ratio Lower Upper

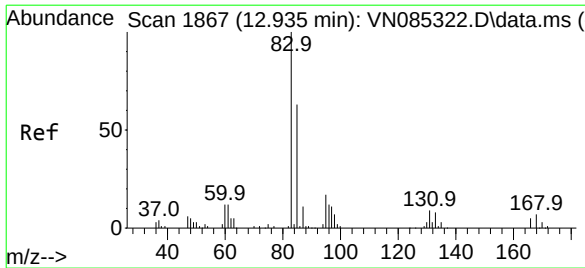
43 100

70 42.2 33.4 50.0

55 24.1 19.2 28.8

61 24.0 18.6 28.0





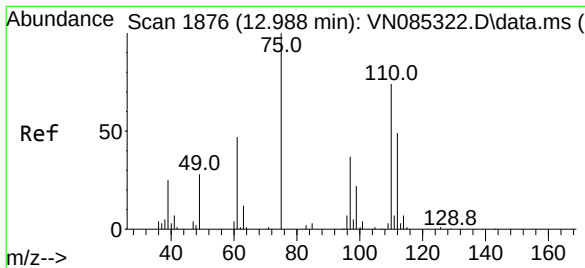
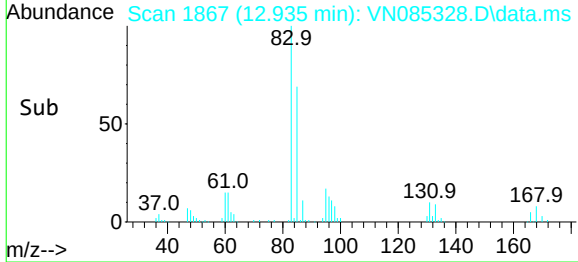
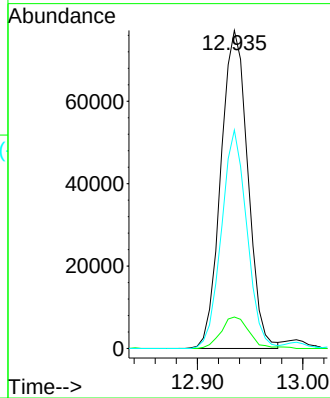
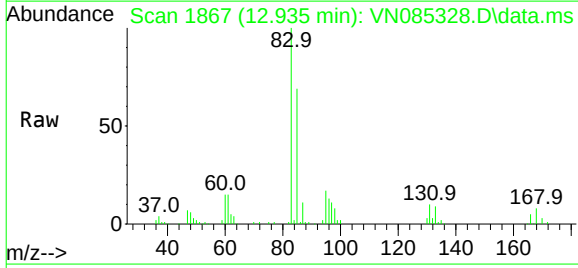
#75
1,1,2,2-Tetrachloroethane
Concen: 49.956 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICVNVN122724

Tgt Ion:	83	Resp:	137310
Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.8	14.4
85	64.7	32.6	98.0

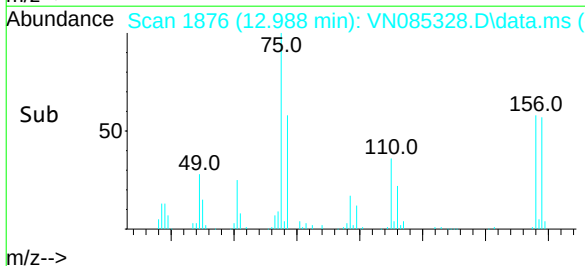
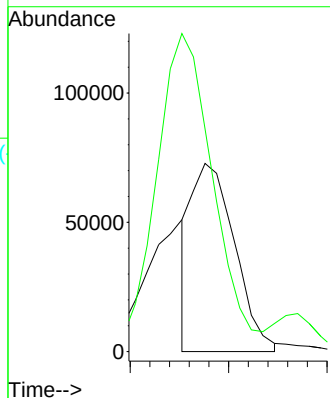
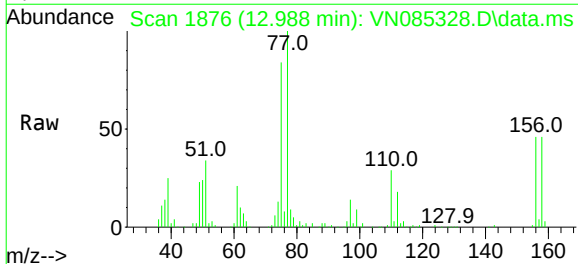
Manual Integrations
APPROVED

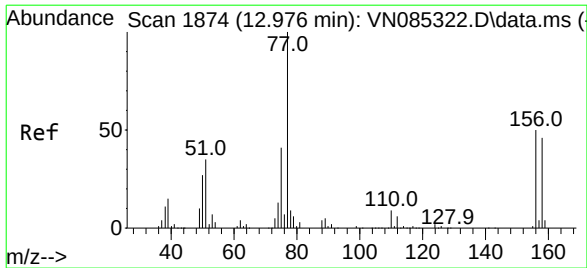
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#76
1,2,3-Trichloropropane
Concen: 49.397 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

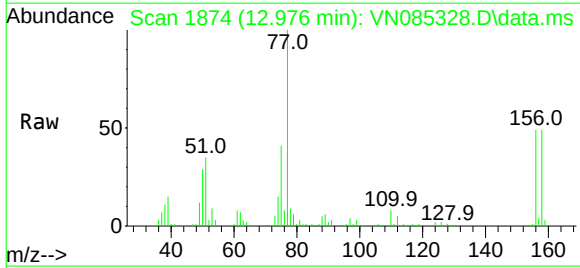
Tgt Ion:	75	Resp:	110703
Ion	Ratio	Lower	Upper
75	100		
77	223.2	98.1	294.3





#77
Bromobenzene
Concen: 49.621 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

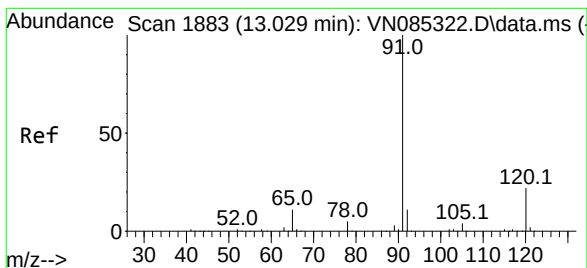
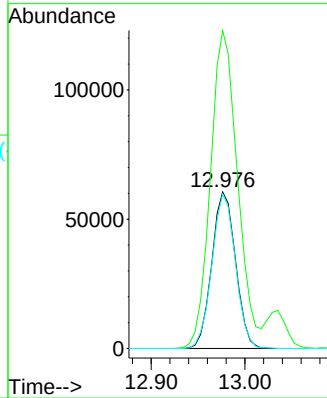
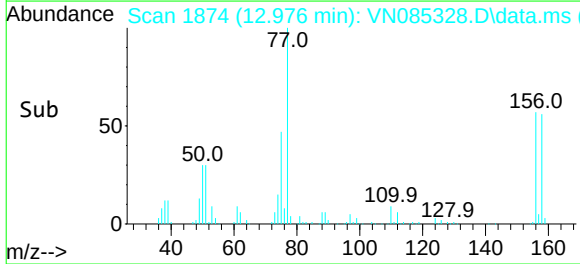
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122724



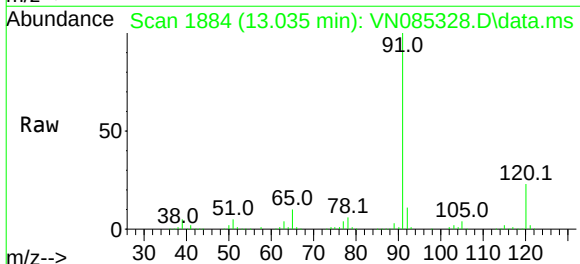
Tgt Ion: 156 Resp: 106098
Ion Ratio Lower Upper
156 100
77 232.9 114.0 342.0
158 97.8 47.6 142.8

Manual Integrations
APPROVED

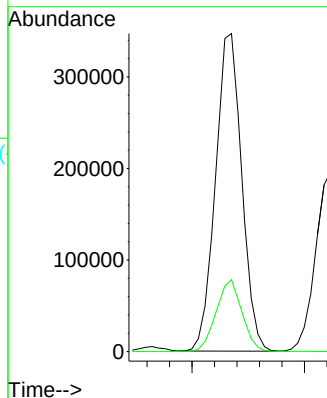
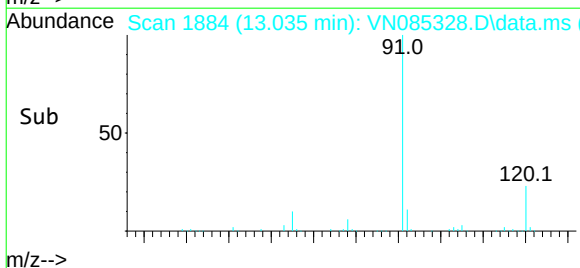
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

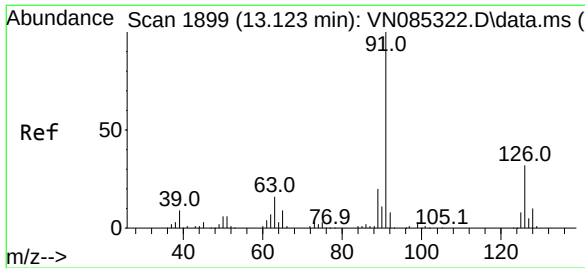


#78
n-propylbenzene
Concen: 55.937 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58



Tgt Ion: 91 Resp: 562715
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





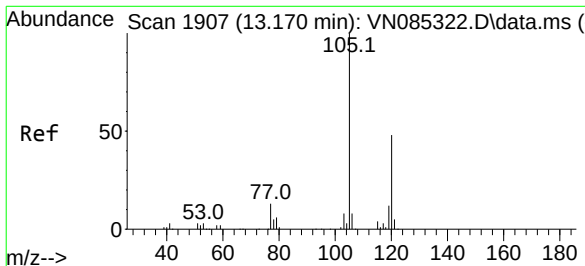
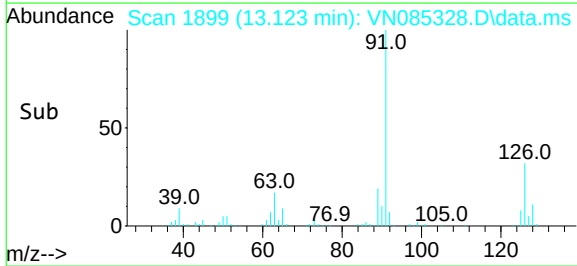
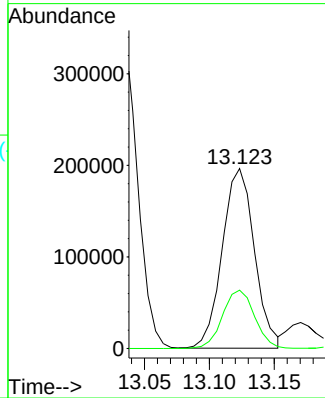
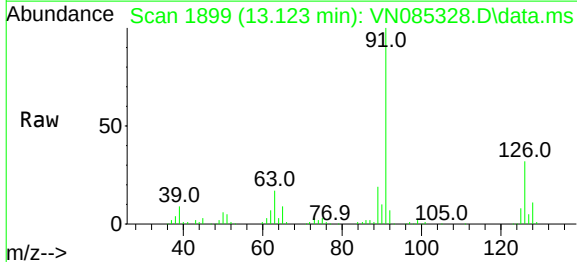
#79
2-Chlorotoluene
Concen: 53.482 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICVVN122724

Tgt Ion: 91 Resp: 338610
Ion Ratio Lower Upper
91 100
126 32.4 16.0 48.0

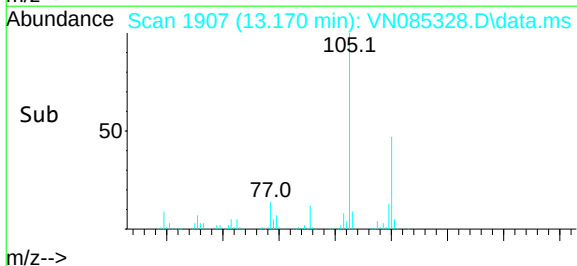
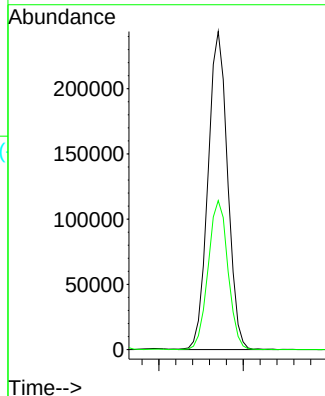
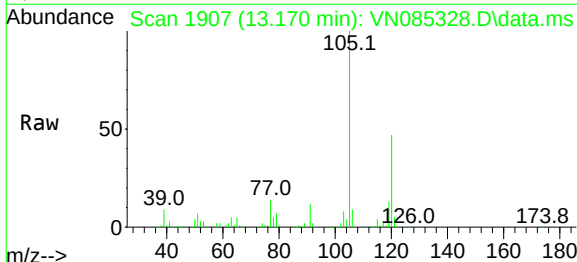
Manual Integrations
APPROVED

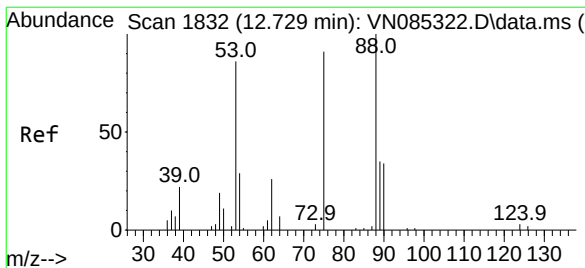
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#80
1,3,5-Trimethylbenzene
Concen: 56.370 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

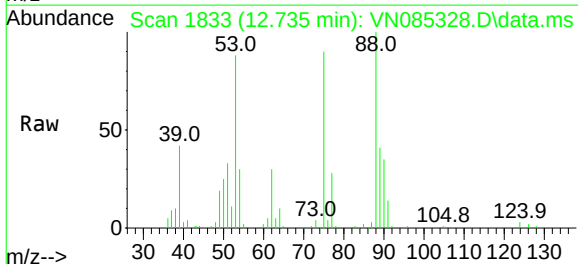
Tgt Ion:105 Resp: 393503
Ion Ratio Lower Upper
105 100
120 47.4 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 55.281 ug/l
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

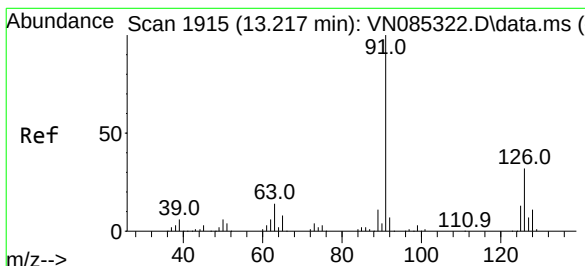
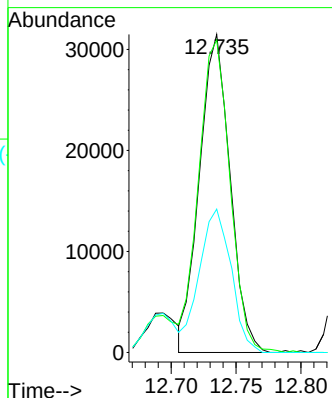
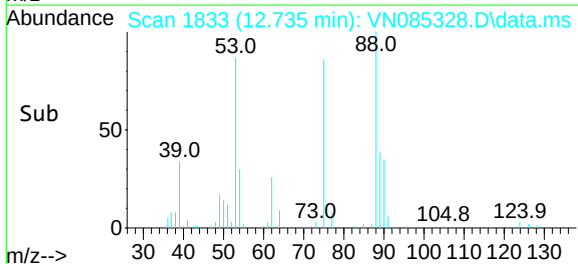
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122724



Tgt Ion: 75 Resp: 51732
Ion Ratio Lower Upper
75 100
53 100.7 80.0 120.0
89 47.0 35.8 53.8

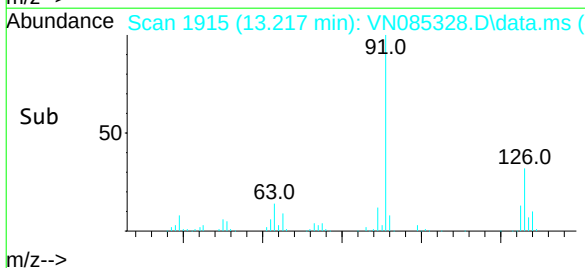
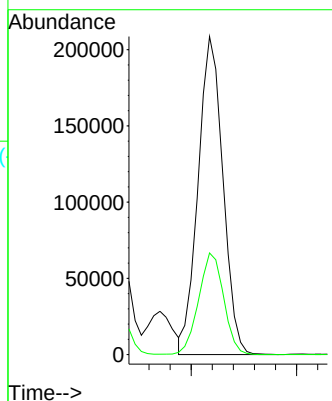
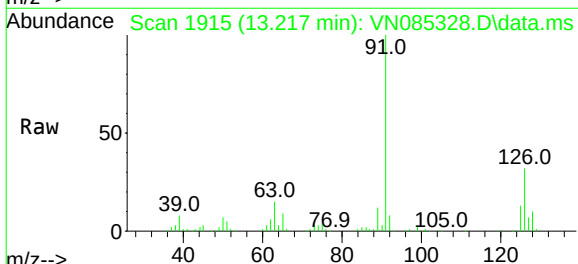
Manual Integrations
APPROVED

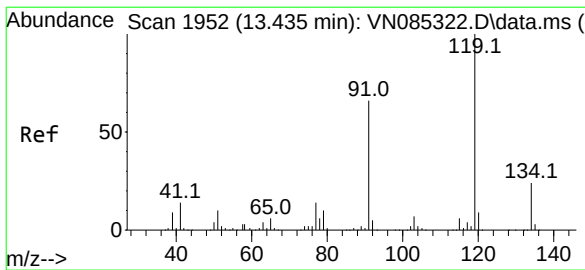
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#82
4-Chlorotoluene
Concen: 53.493 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

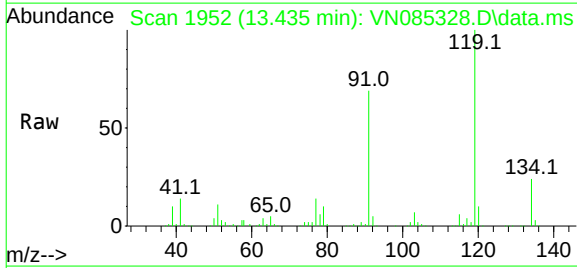
Tgt Ion: 91 Resp: 341098
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4





#83
tert-Butylbenzene
Concen: 54.963 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

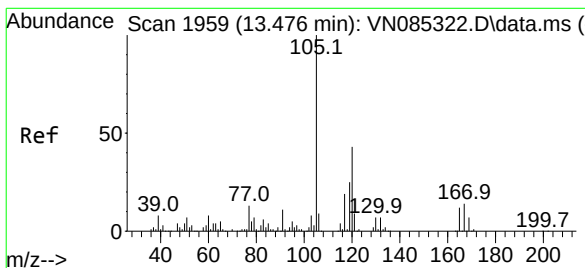
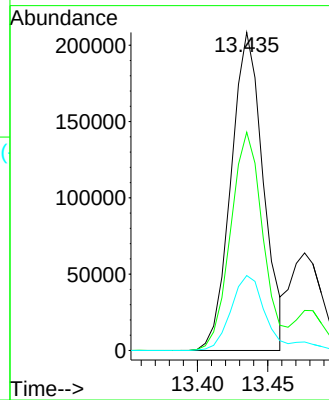
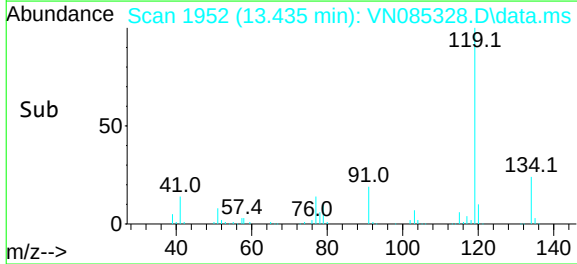
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122724



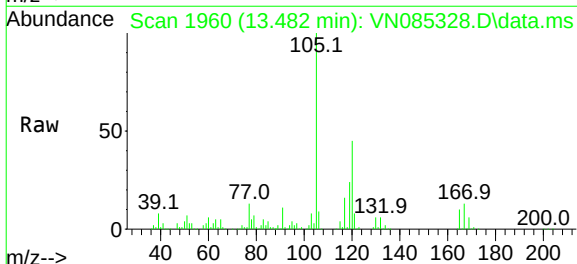
Tgt Ion:119 Resp: 332355
Ion Ratio Lower Upper
119 100
91 69.7 33.6 100.8
134 26.5 13.3 39.8

Manual Integrations
APPROVED

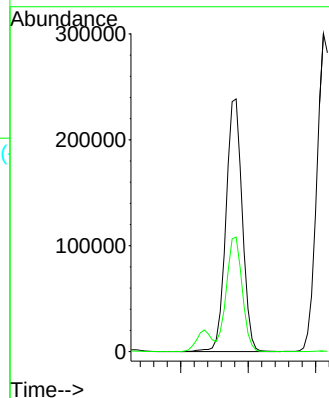
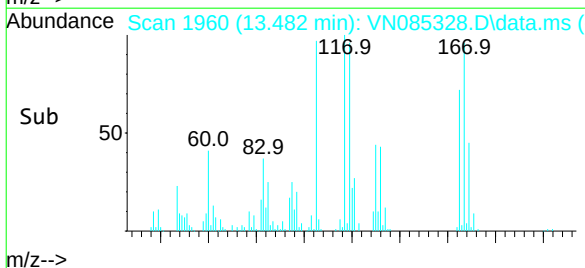
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

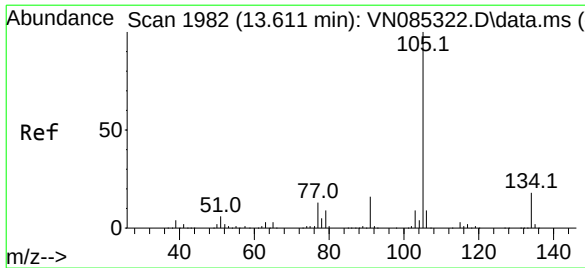


#84
1,2,4-Trimethylbenzene
Concen: 57.454 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58



Tgt Ion:105 Resp: 399361
Ion Ratio Lower Upper
105 100
120 44.0 21.7 65.1





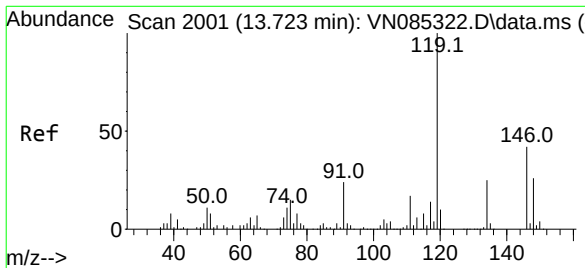
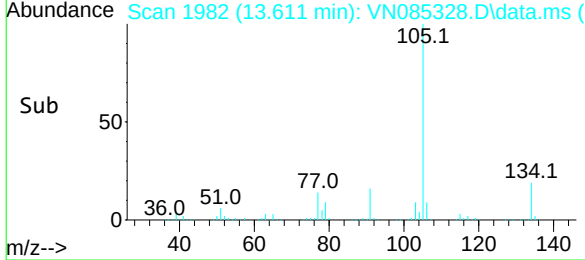
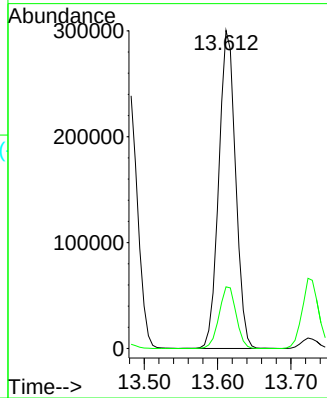
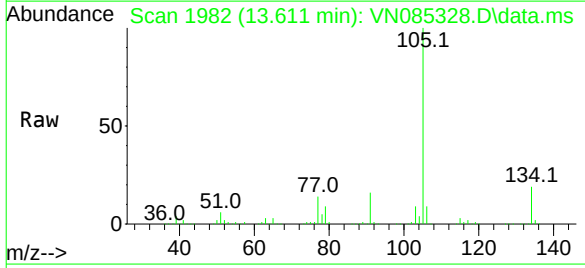
#85
sec-Butylbenzene
Concen: 56.877 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICVNV122724

Tgt Ion:105 Resp: 477401
Ion Ratio Lower Upper
105 100
134 19.6 9.4 28.3

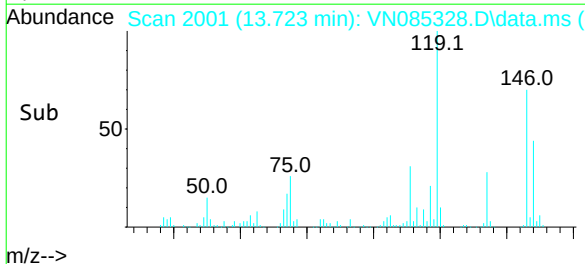
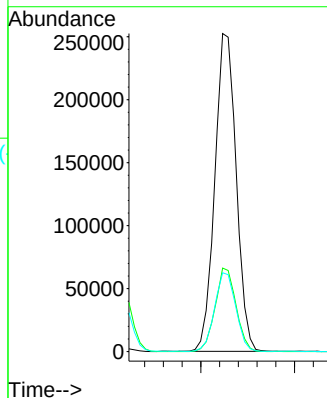
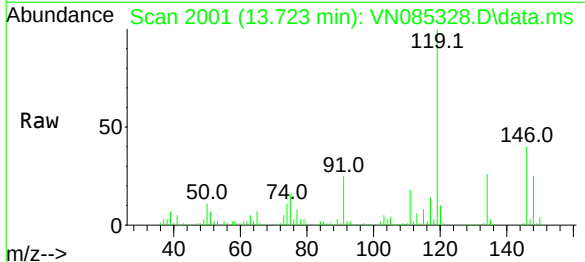
Manual Integrations
APPROVED

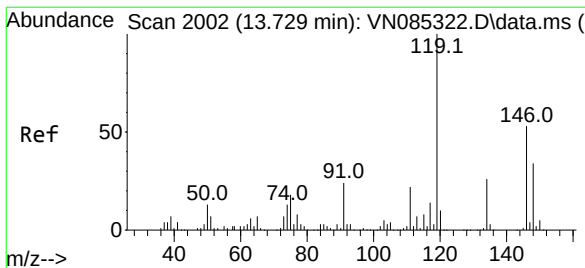
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#86
p-Isopropyltoluene
Concen: 53.045 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Tgt Ion:119 Resp: 399868
Ion Ratio Lower Upper
119 100
134 25.7 12.5 37.5
91 24.6 12.2 36.4





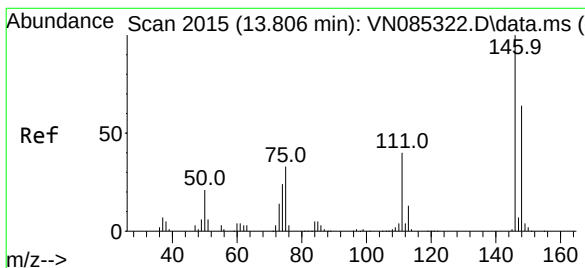
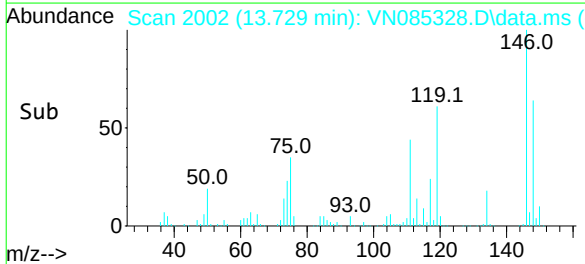
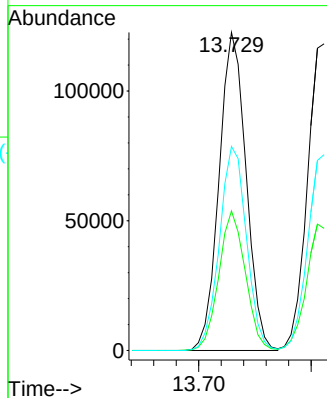
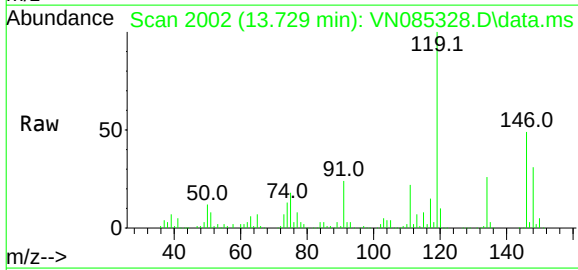
#87
1,3-Dichlorobenzene
Concen: 52.759 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICNVN122724

Tgt Ion:	146	Resp:	204501
Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.3	63.9
148	64.3	31.5	94.5

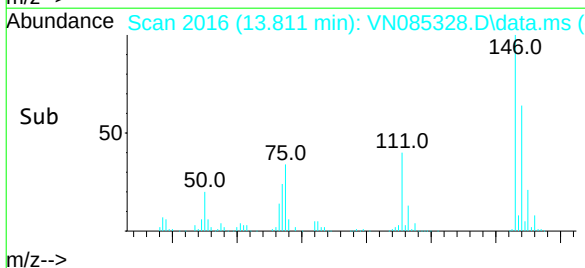
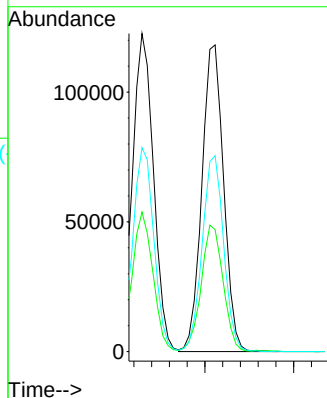
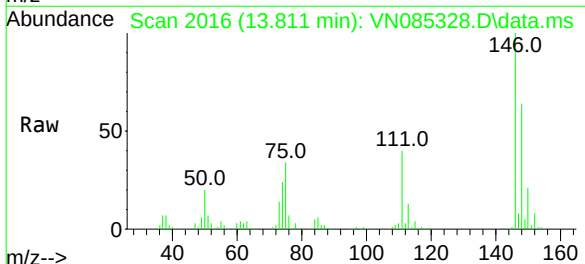
Manual Integrations
APPROVED

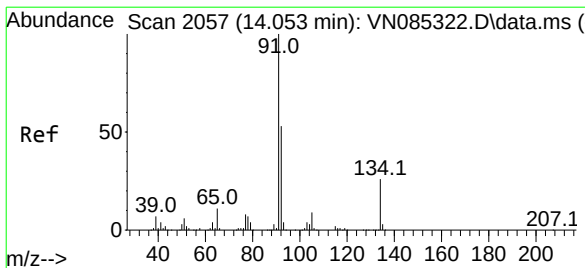
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#88
1,4-Dichlorobenzene
Concen: 50.524 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

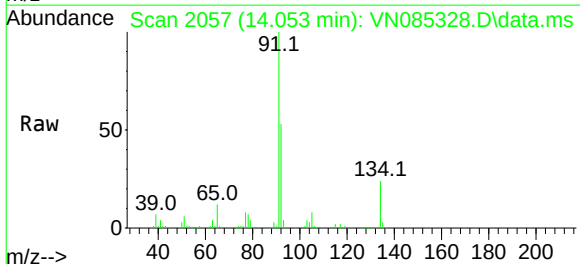
Tgt Ion:	146	Resp:	201165
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.5
148	63.4	31.7	95.1





#89
n-Butylbenzene
Concen: 58.149 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

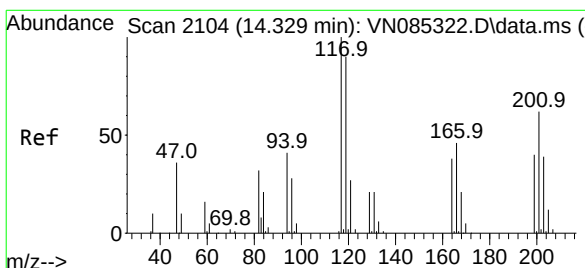
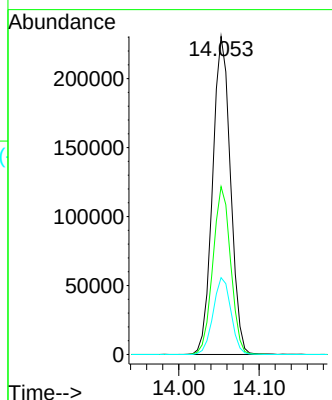
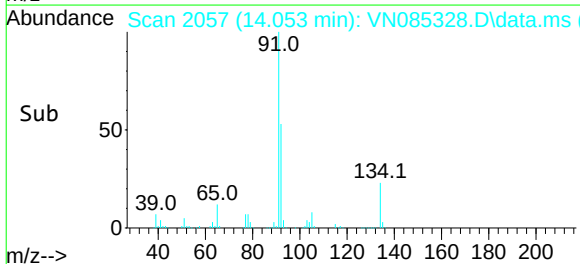
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122724



Tgt Ion: 91 Resp: 357404
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 24.0 12.1 36.3

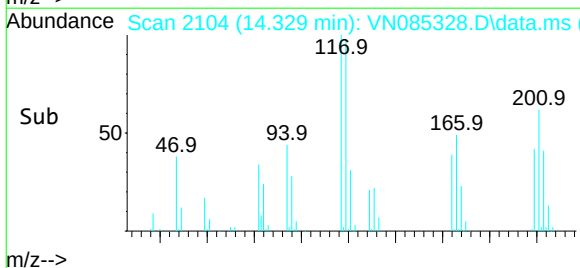
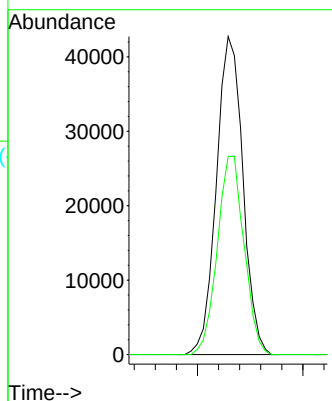
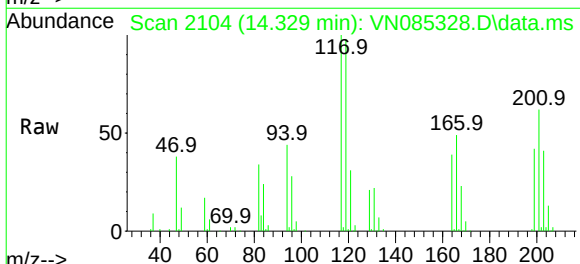
Manual Integrations
APPROVED

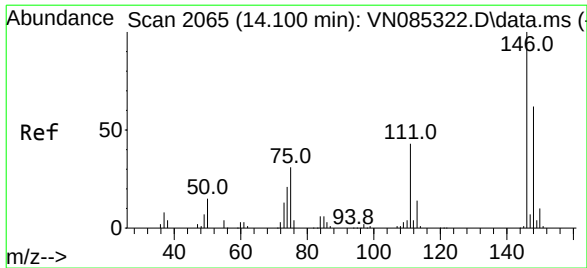
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#90
Hexachloroethane
Concen: 54.238 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

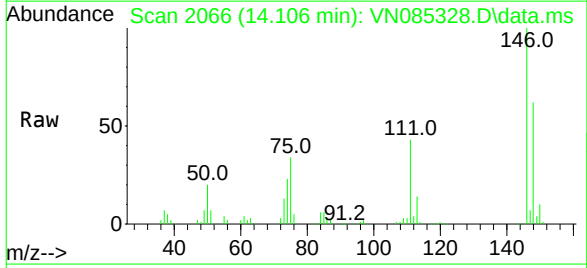
Tgt Ion:117 Resp: 74623
Ion Ratio Lower Upper
117 100
201 63.0 30.7 92.1





#91
1,2-Dichlorobenzene
Concen: 52.669 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

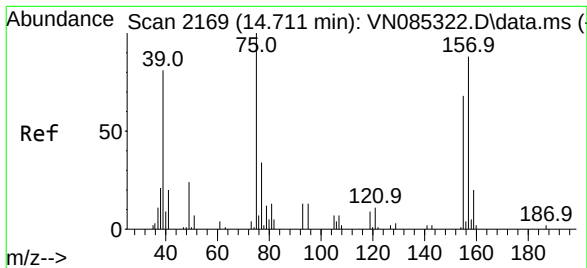
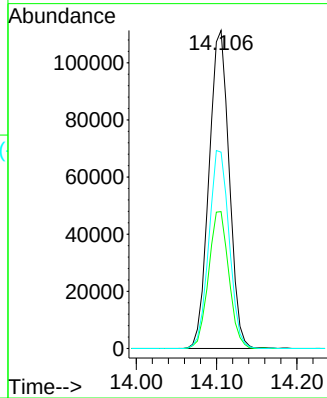
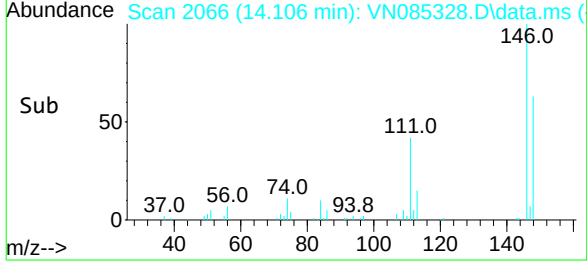
Instrument :
MSVOA_N
ClientSampleId :
ICVN122724



Tgt Ion:146 Resp: 194477
Ion Ratio Lower Upper
146 100
111 43.2 21.8 65.3
148 62.6 31.4 94.2

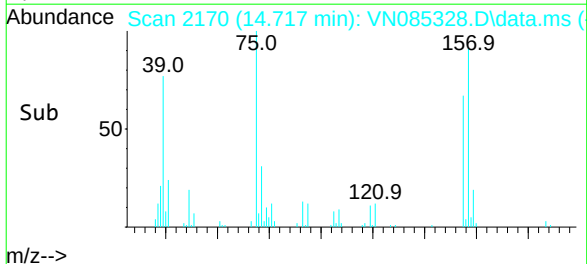
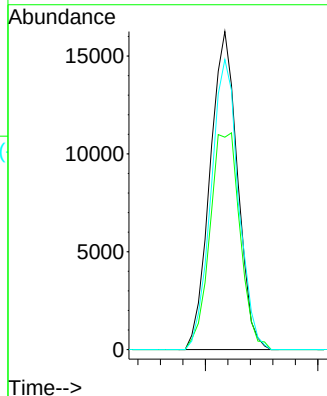
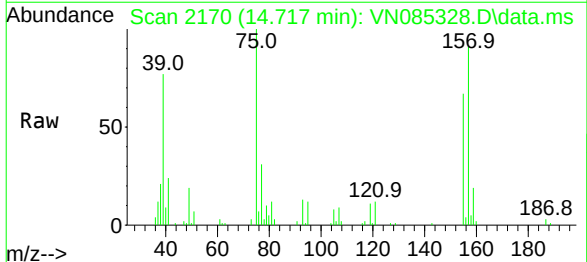
Manual Integrations
APPROVED

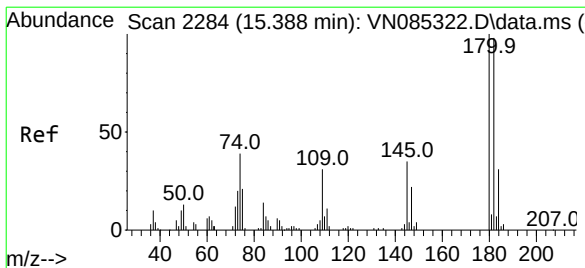
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.494 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Tgt Ion: 75 Resp: 27636
Ion Ratio Lower Upper
75 100
155 74.5 35.6 106.9
157 91.0 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 54.113 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

Instrument :

MSVOA_N

ClientSampleId :

ICNVN122724

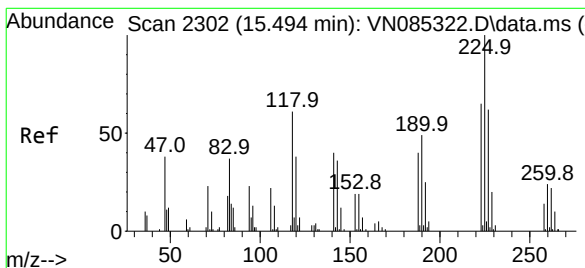
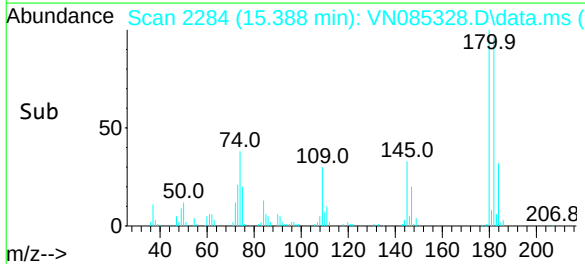
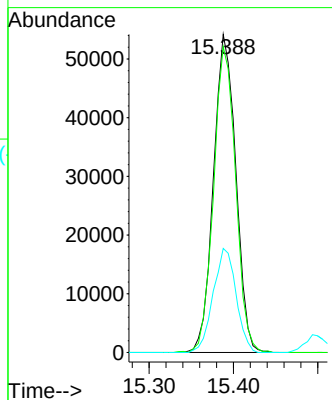
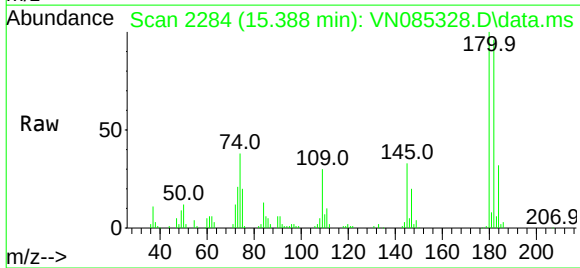
Tgt Ion:	180	Resp:	99722
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.2	141.6
145	33.6	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#94

Hexachlorobutadiene

Concen: 50.146 ug/l

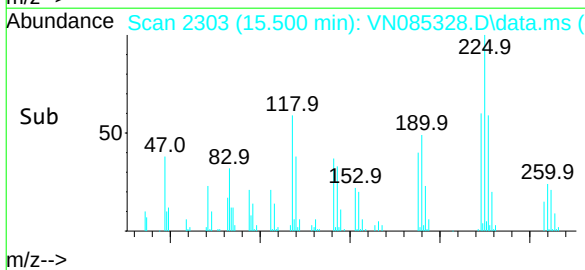
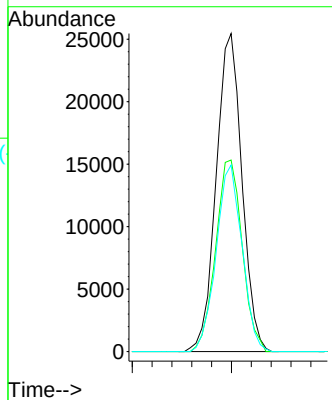
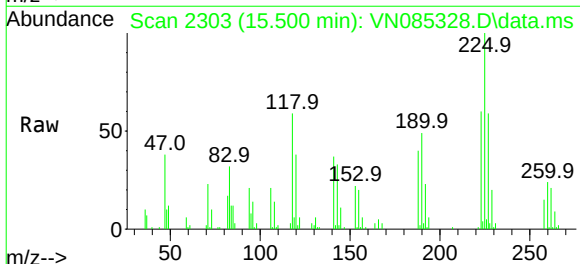
RT: 15.500 min Scan# 2303

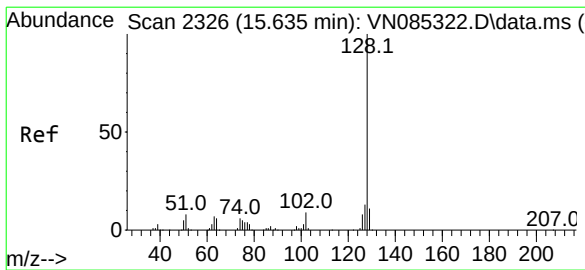
Delta R.T. 0.006 min

Lab File: VN085328.D

Acq: 27 Dec 2024 15:58

Tgt Ion:	225	Resp:	45915
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.6	94.7
227	58.8	30.3	91.0





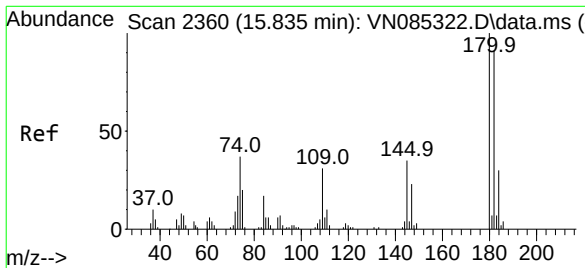
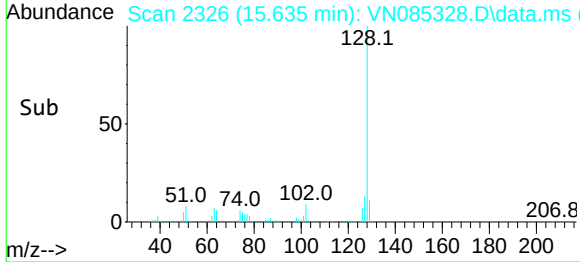
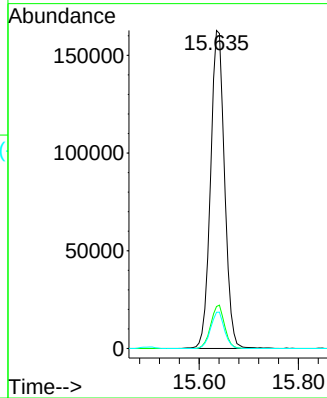
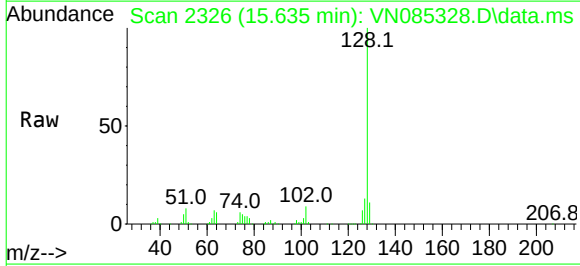
#95
Naphthalene
Concen: 51.123 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
ICNVN122724

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.3	8.5	12.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.589 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085328.D
Acq: 27 Dec 2024 15:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.8	140.4
145	35.0	17.2	51.6

