

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085252.D
 Acq On : 18 Dec 2024 15:28
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121824

Quant Time: Dec 19 06:44:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	118913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	201330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	186269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	100452	48.331	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.660%
35) Dibromofluoromethane	8.165	113	70873	50.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.140%
50) Toluene-d8	10.565	98	277928	53.722	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.440%
62) 4-Bromofluorobenzene	12.847	95	101431	54.892	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	100635	53.124	ug/l	96
3) Chloromethane	2.359	50	86111	47.690	ug/l	98
4) Vinyl Chloride	2.506	62	87289	51.596	ug/l	98
5) Bromomethane	2.947	94	52053	46.903	ug/l	94
6) Chloroethane	3.112	64	53840	51.794	ug/l	98
7) Trichlorofluoromethane	3.489	101	133014	48.688	ug/l	97
8) Diethyl Ether	3.959	74	43768	51.005	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	73015	49.831	ug/l	99
10) Methyl Iodide	4.583	142	84032	50.298	ug/l	98
11) Tert butyl alcohol	5.524	59	70102	242.811	ug/l	98
12) 1,1-Dichloroethene	4.341	96	68199	50.247	ug/l	90
13) Acrolein	4.177	56	80247	241.358	ug/l	95
14) Allyl chloride	5.024	41	117898	50.158	ug/l	96
15) Acrylonitrile	5.718	53	201679	256.471	ug/l	99
16) Acetone	4.424	43	180678	251.841	ug/l	93
17) Carbon Disulfide	4.706	76	213424	46.079	ug/l	96
18) Methyl Acetate	5.024	43	98726	48.608	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	243754	52.397	ug/l	96
20) Methylene Chloride	5.265	84	78743	50.176	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	73555	49.155	ug/l	93
22) Diisopropyl ether	6.671	45	269936	53.833	ug/l	98
23) Vinyl Acetate	6.600	43	1052093	271.533	ug/l	99
24) 1,1-Dichloroethane	6.565	63	144468	49.737	ug/l	99
25) 2-Butanone	7.482	43	291500	265.320	ug/l	98
26) 2,2-Dichloropropane	7.488	77	136132	50.613	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	87010	49.941	ug/l	98
28) Bromochloromethane	7.812	49	68849	47.000	ug/l	99
29) Tetrahydrofuran	7.835	42	192364	271.615	ug/l	98
30) Chloroform	7.965	83	154690	49.869	ug/l	99
31) Cyclohexane	8.253	56	132384	49.233	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	139048	50.294	ug/l	100
36) 1,1-Dichloropropene	8.371	75	107913	54.752	ug/l	100
37) Ethyl Acetate	7.559	43	115253	50.687	ug/l	99
38) Carbon Tetrachloride	8.359	117	122741	51.507	ug/l	98
39) Methylcyclohexane	9.600	83	116519	56.812	ug/l	96
40) Benzene	8.606	78	323372	52.739	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	65451	56.481	ug/l	96
42) 1,2-Dichloroethane	8.671	62	121250	51.915	ug/l	98
43) Isopropyl Acetate	8.688	43	198852	47.821	ug/l	99
44) Trichloroethene	9.347	130	70123	51.368	ug/l	97
45) 1,2-Dichloropropane	9.618	63	80814	53.231	ug/l	94
46) Dibromomethane	9.706	93	58019	53.535	ug/l	97
47) Bromodichloromethane	9.888	83	123021	52.981	ug/l	99
48) Methyl methacrylate	9.676	41	96934	56.867	ug/l	99
49) 1,4-Dioxane	9.688	88	32106	1194.626	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	615797	281.847	ug/l	100
52) Toluene	10.629	92	206579	56.032	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	128008	56.558	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	132334	54.993	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	73831	53.481	ug/l	97
56) Ethyl methacrylate	10.870	69	128963	49.171	ug/l	98
57) 1,3-Dichloropropane	11.159	76	132887	54.692	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	278019	225.002	ug/l	99
59) 2-Hexanone	11.194	43	463104	297.348	ug/l	100
60) Dibromochloromethane	11.359	129	92524	56.551	ug/l	98
61) 1,2-Dibromoethane	11.470	107	75923	53.395	ug/l	99
64) Tetrachloroethene	11.106	164	63660	50.789	ug/l	98
65) Chlorobenzene	11.888	112	219513	52.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	78102	53.465	ug/l	98
67) Ethyl Benzene	11.965	91	402467	56.080	ug/l	99
68) m/p-Xylenes	12.070	106	307924	114.719	ug/l	98
69) o-Xylene	12.400	106	143866	57.023	ug/l	100
70) Styrene	12.412	104	252729	60.003	ug/l	98
71) Bromoform	12.576	173	63048	55.061	ug/l #	97
73) Isopropylbenzene	12.694	105	376220	54.303	ug/l	99
74) N-ethyl acetate	12.494	43	187408	54.159	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	118555	48.027	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	115241m	50.339	ug/l	
77) Bromobenzene	12.976	156	87301	47.993	ug/l	97
78) n-propylbenzene	13.035	91	466664	54.923	ug/l	100
79) 2-Chlorotoluene	13.123	91	281525	52.185	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	322948	55.885	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	44319	51.405	ug/l	97
82) 4-Chlorotoluene	13.223	91	286287	52.442	ug/l	100
83) tert-Butylbenzene	13.435	119	270071	55.108	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	328162	55.555	ug/l	99
85) sec-Butylbenzene	13.617	105	382146	55.931	ug/l	99
86) p-Isopropyltoluene	13.729	119	319260	48.357	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	164519	49.112	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	165750	47.820	ug/l	99
89) n-Butylbenzene	14.059	91	280501	55.826	ug/l	99
90) Hexachloroethane	14.335	117	62380	49.700	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	161855	51.948	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25480	53.825	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	75818	47.537	ug/l	97
94) Hexachlorobutadiene	15.500	225	37092	44.747	ug/l	94
95) Naphthalene	15.641	128	249960	47.325	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	74756	46.927	ug/l	99

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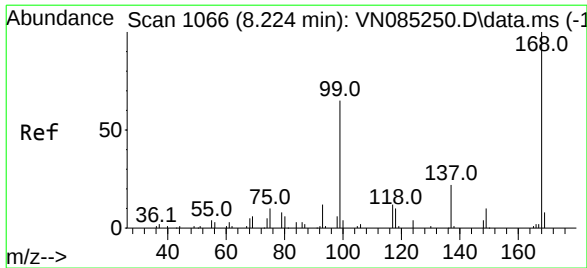
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

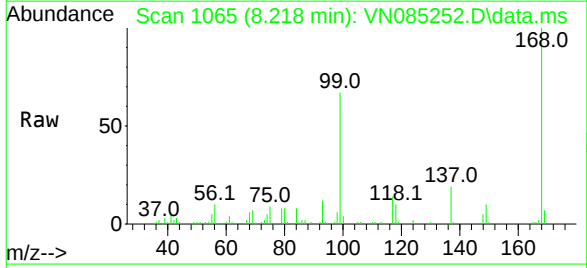
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
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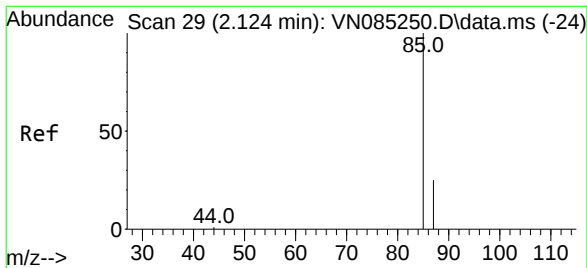
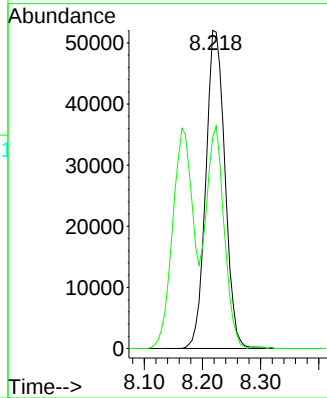
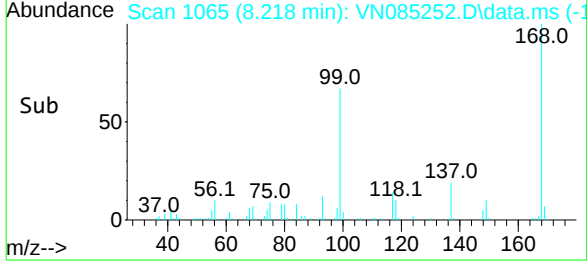
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824



Tgt Ion: 168 Resp: 118913
Ion Ratio Lower Upper
168 100
99 66.6 50.7 76.1

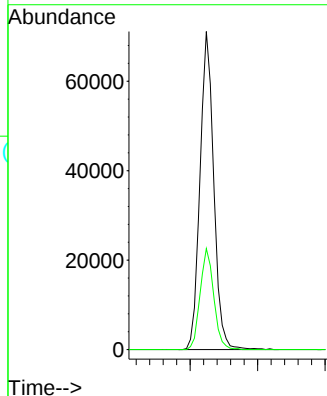
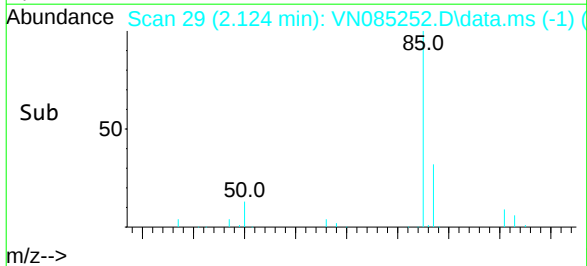
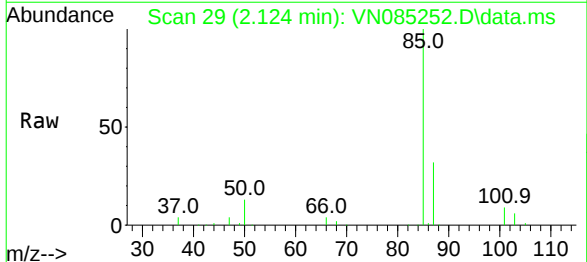
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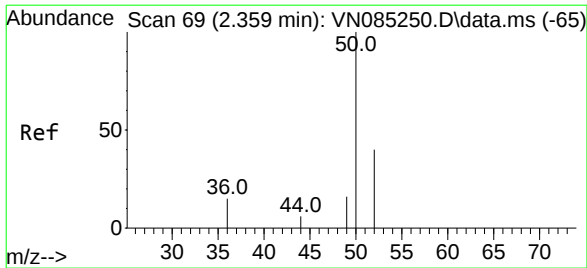
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 53.124 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 85 Resp: 100635
Ion Ratio Lower Upper
85 100
87 31.8 17.1 51.3





#3
Chloromethane
Concen: 47.690 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

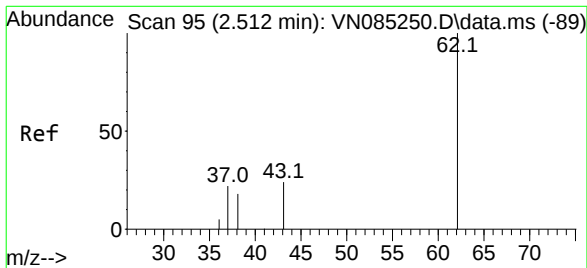
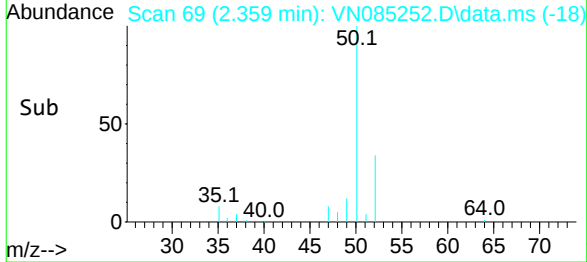
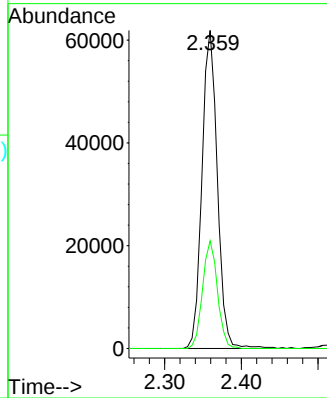
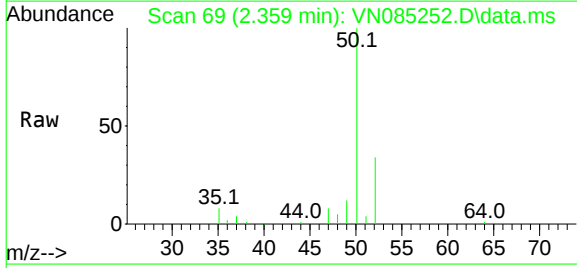
ClientSampleId :

ICVVN121824

Tgt Ion: 50 Resp: 86111
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.2

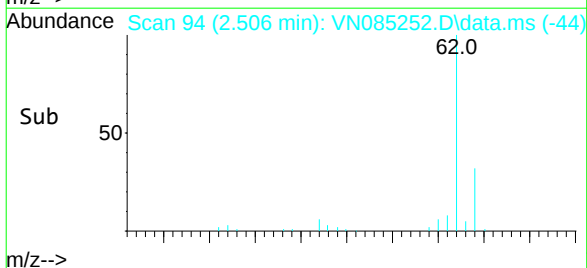
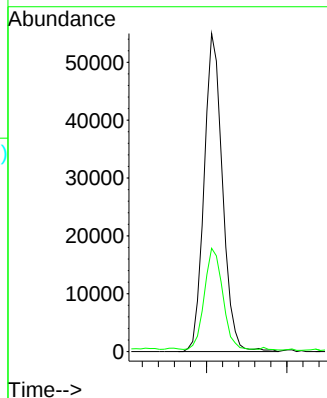
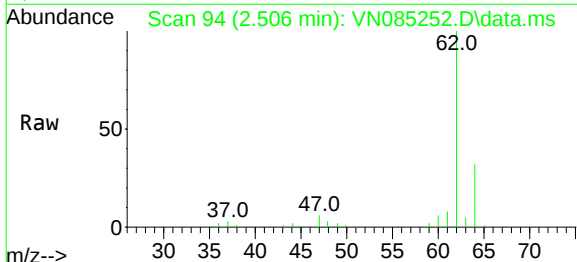
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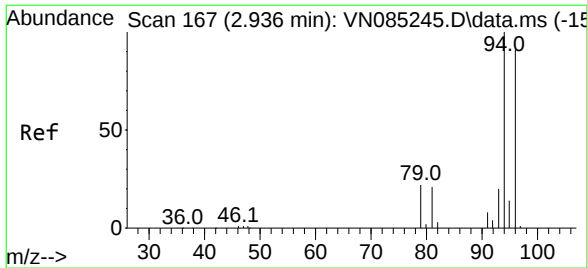
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#4
Vinyl Chloride
Concen: 51.596 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 62 Resp: 87289
Ion Ratio Lower Upper
62 100
64 32.0 24.5 36.7





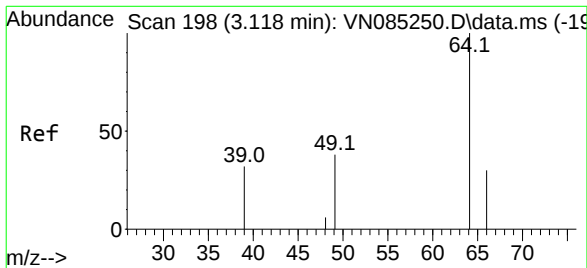
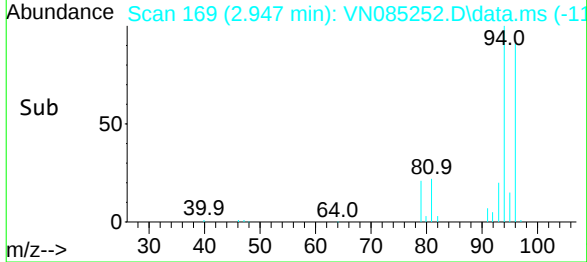
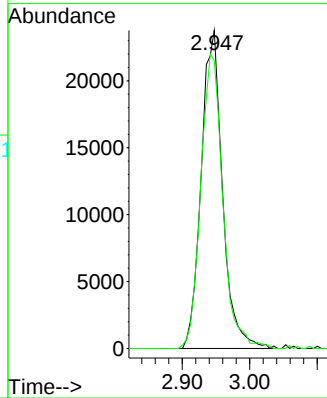
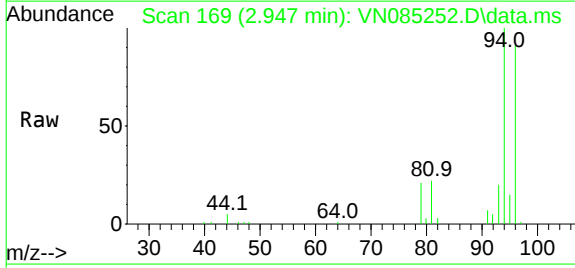
#5
Bromomethane
Concen: 46.903 ug/l
RT: 2.947 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 52053
Ion Ratio Lower Upper
94 100
96 90.6 76.8 115.2

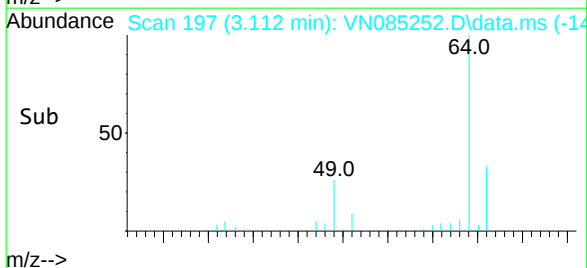
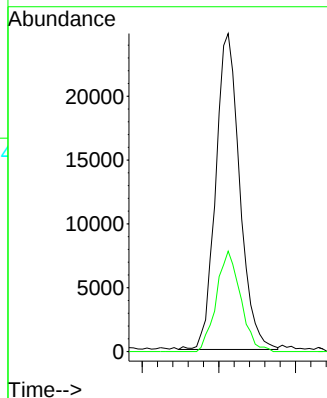
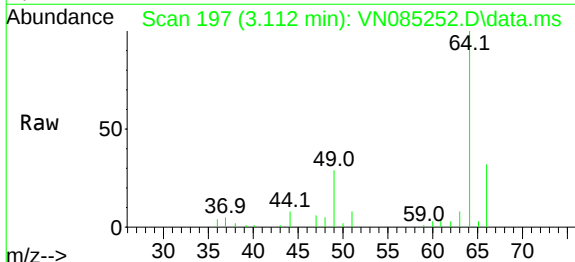
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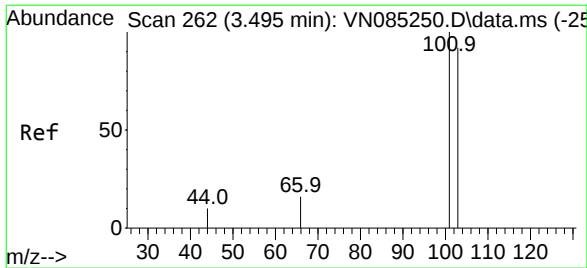
Reviewed By :John Carlone 12/20/2024
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#6
Chloroethane
Concen: 51.794 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

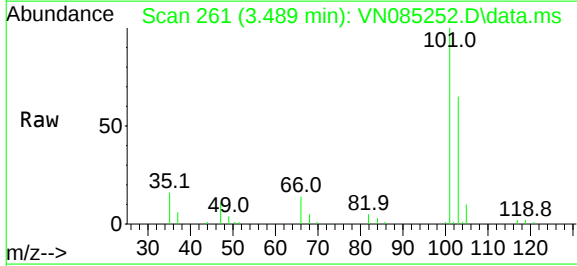
Tgt Ion: 64 Resp: 53840
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 48.688 ug/l
 RT: 3.489 min Scan# 262
 Delta R.T. -0.006 min
 Lab File: VN085252.D
 Acq: 18 Dec 2024 15:28

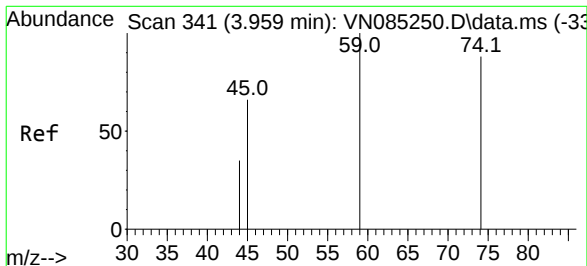
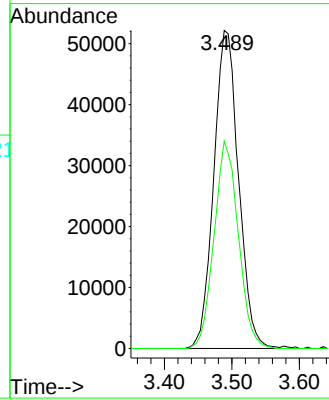
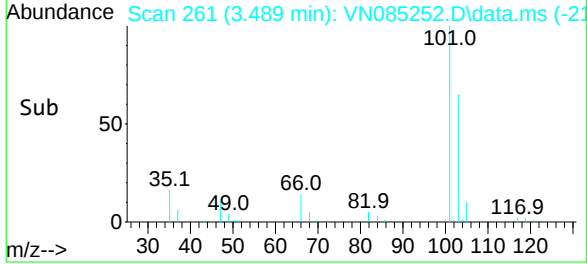
Instrument :
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 ClientSampleId :
 ICSVN121824



Tgt Ion: 101 Resp: 133014
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.2 75.4

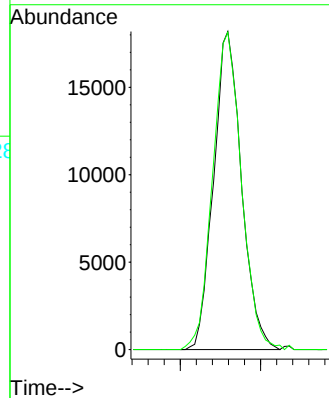
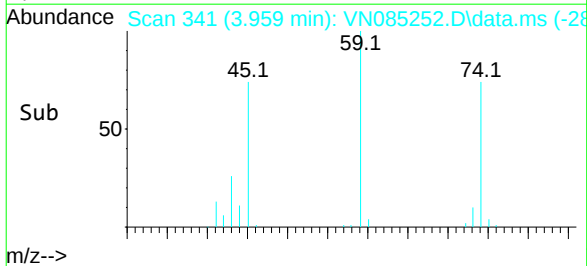
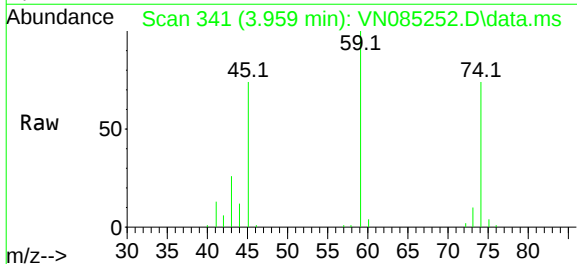
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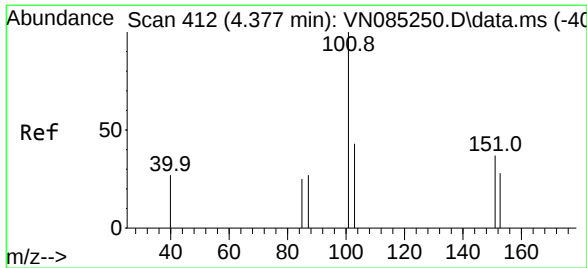
Reviewed By : John Carlone 12/20/2024
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#8
 Diethyl Ether
 Concen: 51.005 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085252.D
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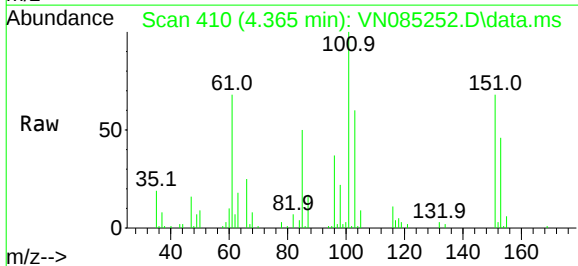
Tgt Ion: 74 Resp: 43768
 Ion Ratio Lower Upper
 74 100
 45 103.1 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.831 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN085252.D
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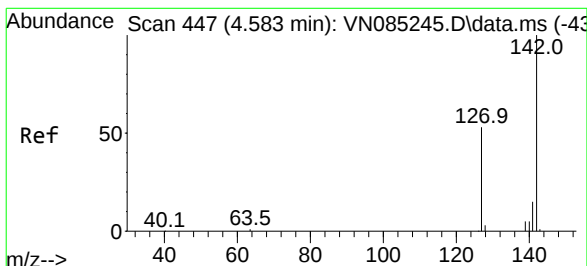
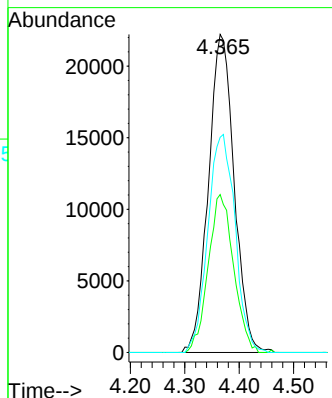
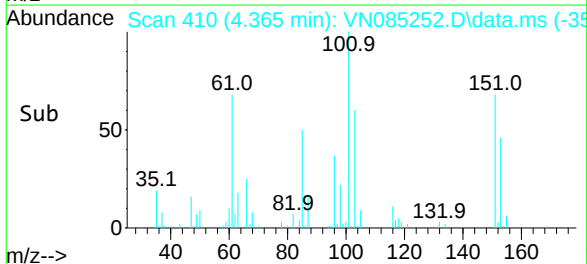
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824



Tgt Ion:101 Resp: 73015
Ion Ratio Lower Upper
101 100
85 48.9 39.0 58.4
151 72.5 58.6 87.8

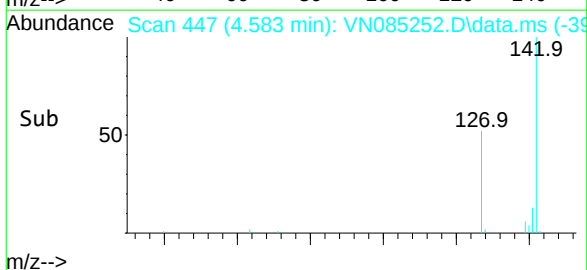
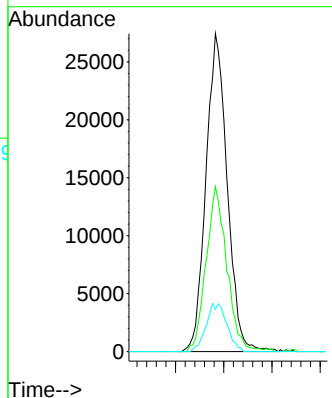
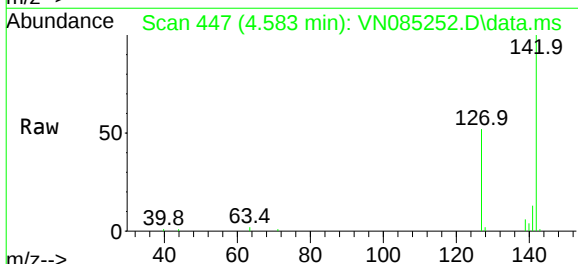
Manual Integrations
APPROVED

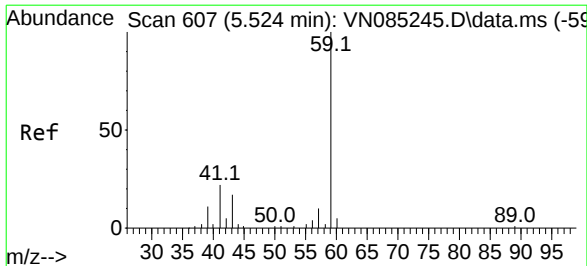
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#10
Methyl Iodide
Concen: 50.298 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion:142 Resp: 84032
Ion Ratio Lower Upper
142 100
127 51.8 42.5 63.7
141 13.3 10.2 15.4





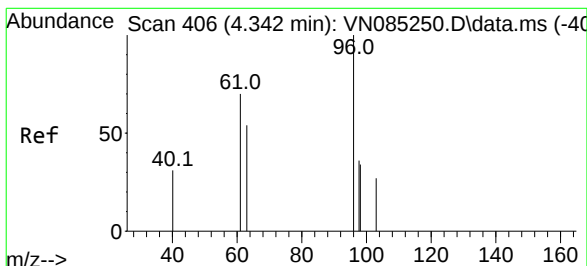
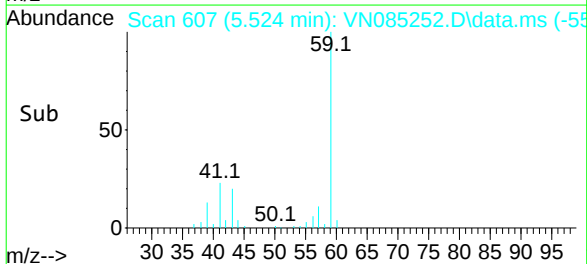
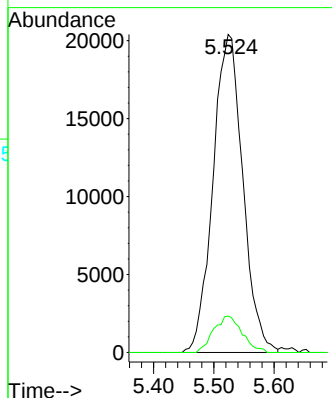
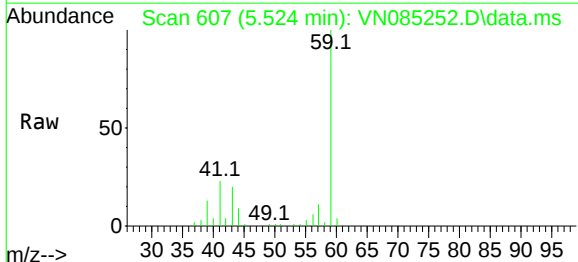
#11
Tert butyl alcohol
Concen: 242.811 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824

Tgt Ion: 59 Resp: 70102
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4

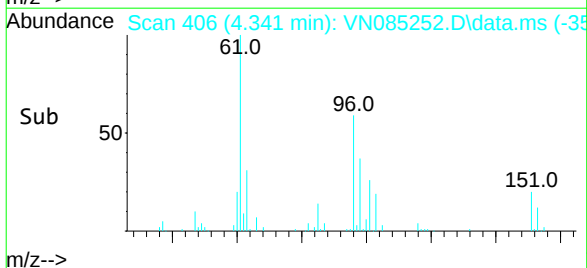
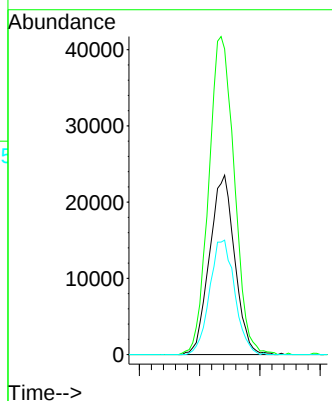
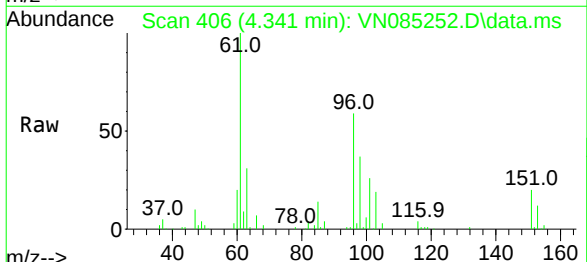
Manual Integrations
APPROVED

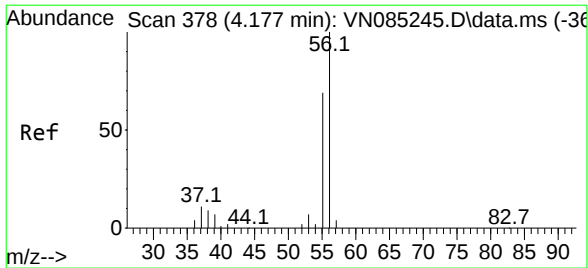
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#12
1,1-Dichloroethene
Concen: 50.247 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

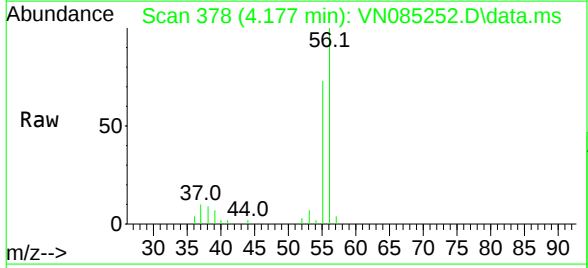
Tgt Ion: 96 Resp: 68199
Ion Ratio Lower Upper
96 100
61 170.4 151.6 227.4
98 63.8 51.9 77.9





#13
Acrolein
Concen: 241.358 ug/l
RT: 4.177 min Scan# 37
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

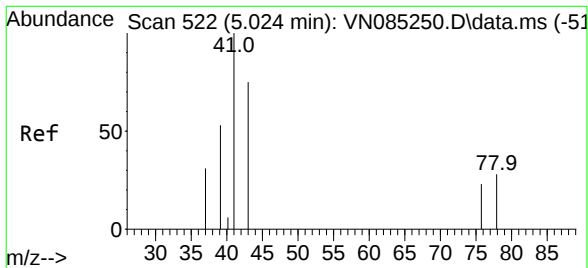
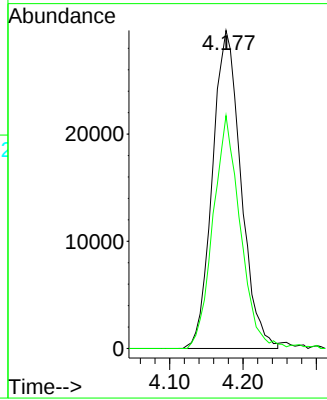
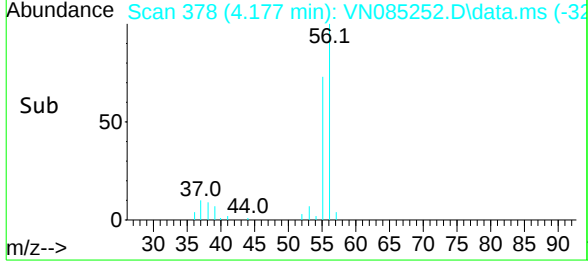
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824



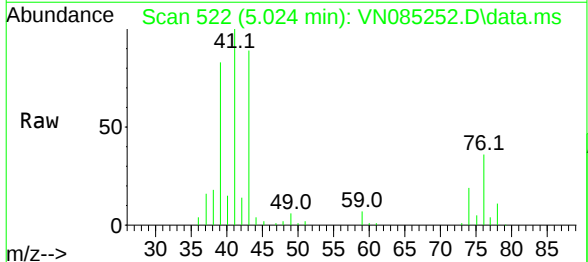
Tgt Ion: 56 Resp: 80247
Ion Ratio Lower Upper
56 100
55 69.6 59.0 88.6

Manual Integrations
APPROVED

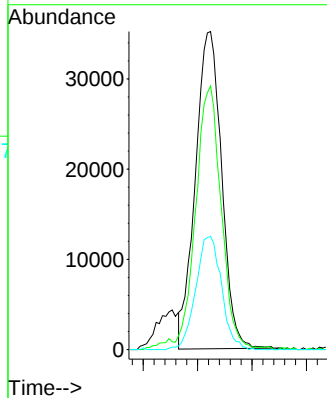
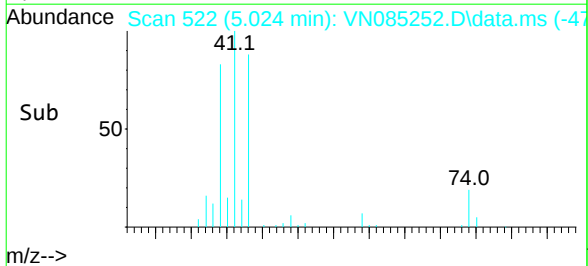
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

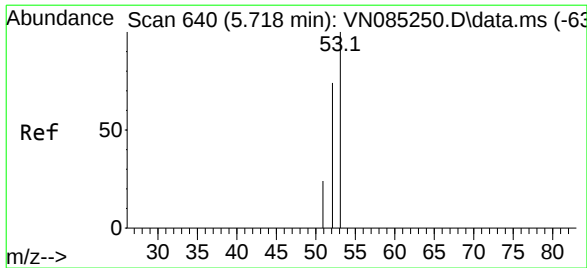


#14
Allyl chloride
Concen: 50.158 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28



Tgt Ion: 41 Resp: 117898
Ion Ratio Lower Upper
41 100
39 78.9 66.7 100.1
76 35.0 29.4 44.2





#15

Acrylonitrile

Concen: 256.471 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.006 min

Lab File: VN085252.D

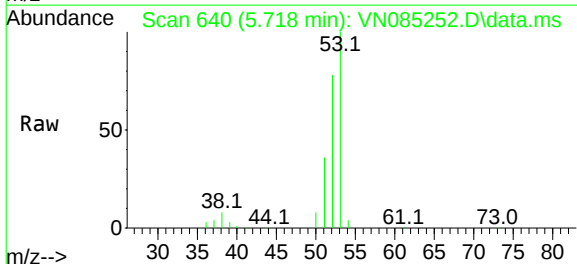
Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

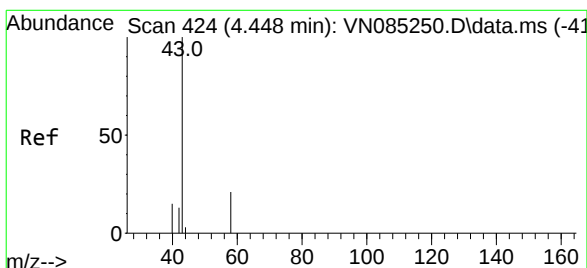
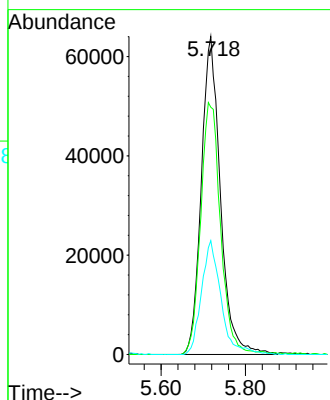
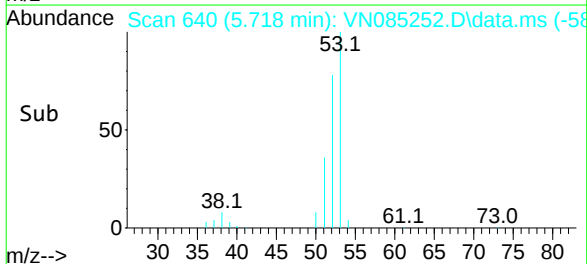
ICNVN121824



Tgt Ion:	53	Resp:	201679
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.3	99.5
51	36.7	28.2	42.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#16

Acetone

Concen: 251.841 ug/l

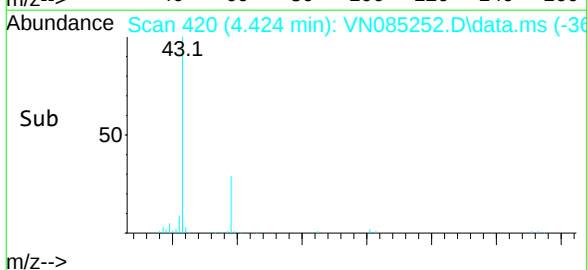
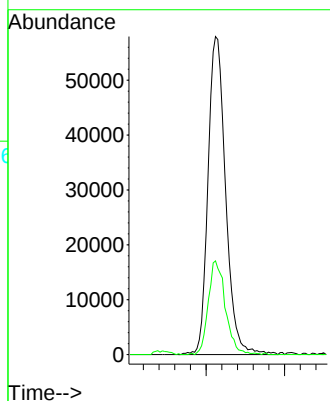
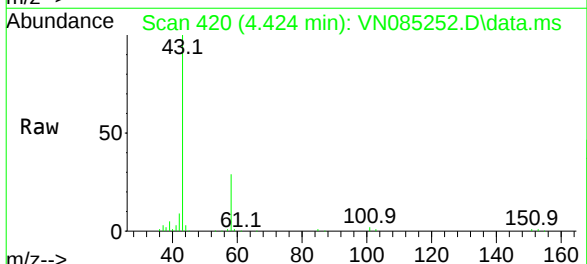
RT: 4.424 min Scan# 420

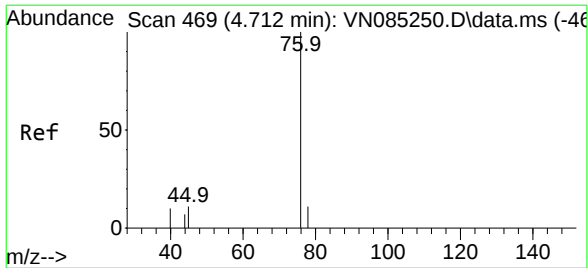
Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Tgt Ion:	43	Resp:	180678
Ion	Ratio	Lower	Upper
43	100		
58	29.5	20.8	31.2





#17
Carbon Disulfide
Concen: 46.079 ug/l
RT: 4.706 min Scan# 46
Delta R.T. -0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

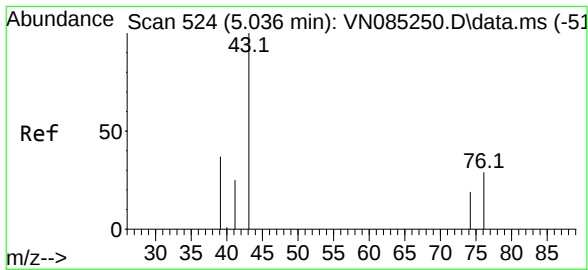
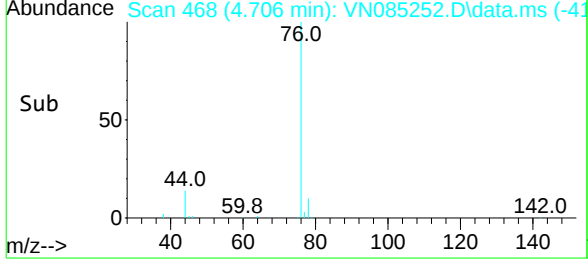
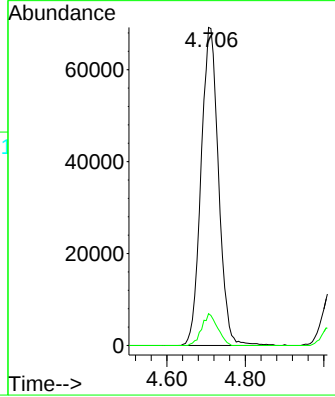
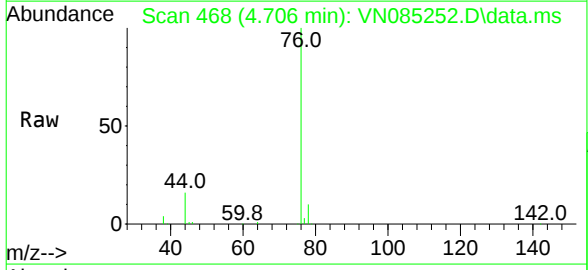
ICVVN121824

Tgt Ion: 76 Resp: 213424
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2

Manual Integrations

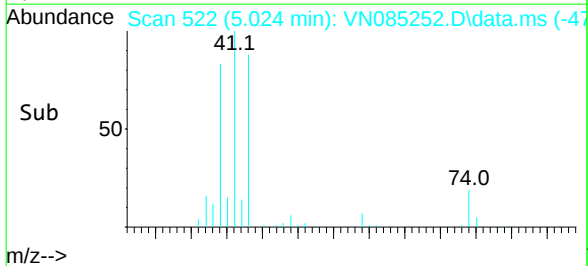
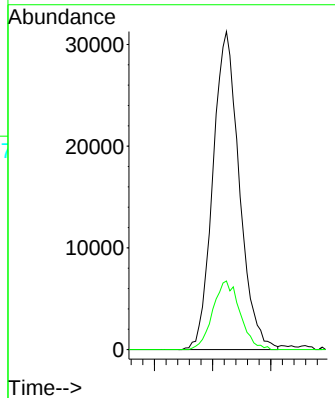
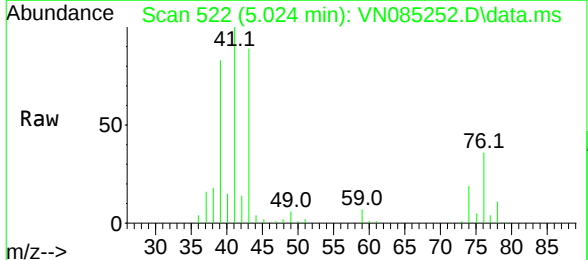
APPROVED

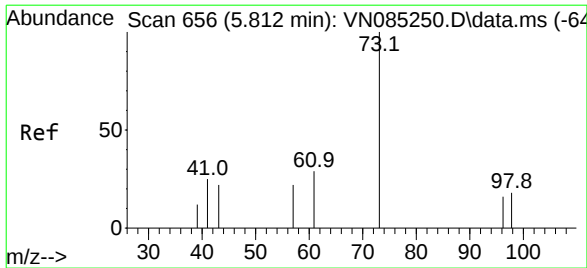
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
Methyl Acetate
Concen: 48.608 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

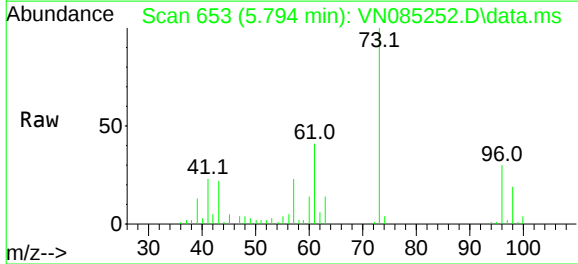
Tgt Ion: 43 Resp: 98726
Ion Ratio Lower Upper
43 100
74 22.2 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 52.397 ug/l
RT: 5.794 min Scan# 65
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

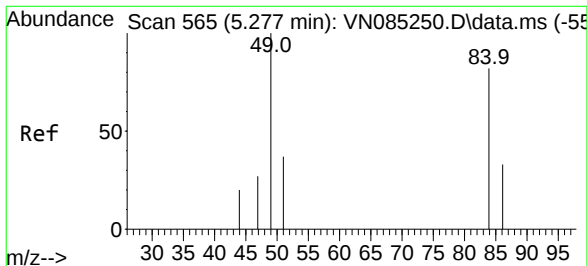
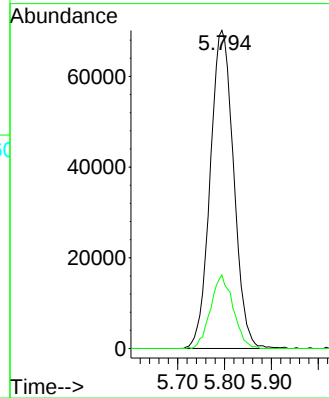
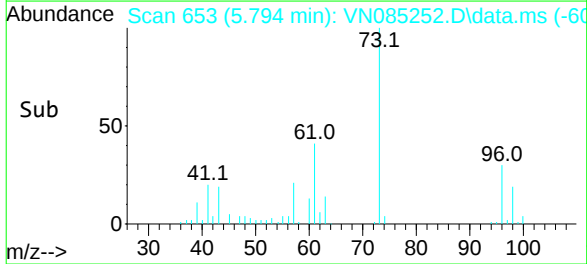
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824



Tgt Ion: 73 Resp: 243754
Ion Ratio Lower Upper
73 100
57 23.1 17.0 25.6

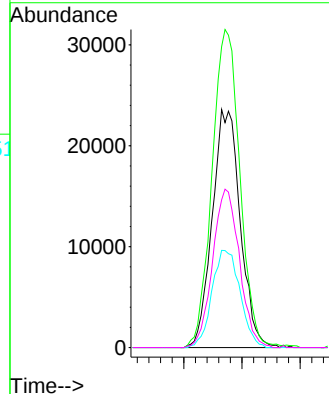
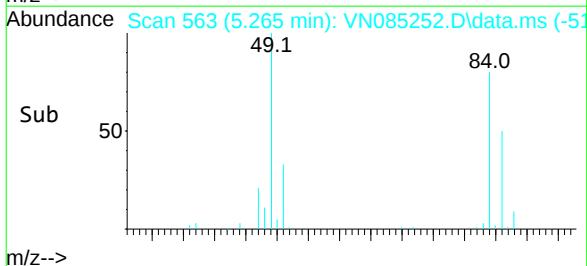
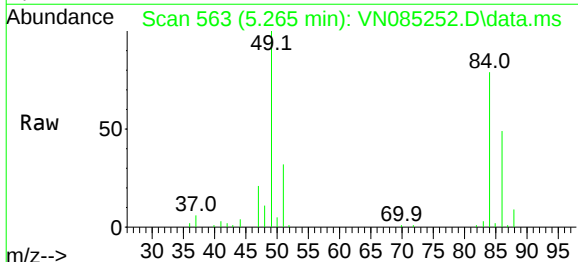
Manual Integrations
APPROVED

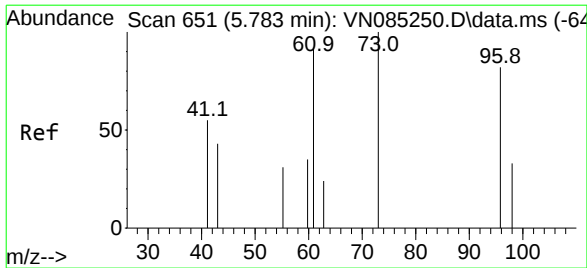
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#20
Methylene Chloride
Concen: 50.176 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

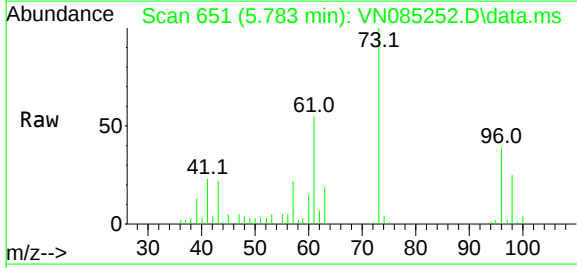
Tgt Ion: 84 Resp: 78743
Ion Ratio Lower Upper
84 100
49 126.4 103.6 155.4
51 40.8 34.2 51.2
86 62.0 48.9 73.3





#21
trans-1,2-Dichloroethene
Concen: 49.155 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

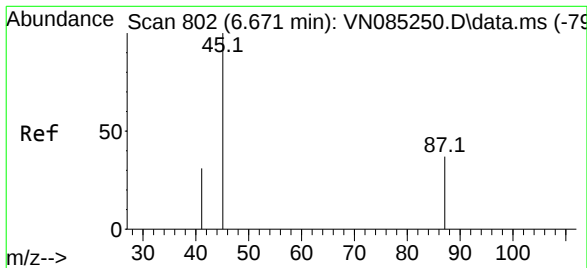
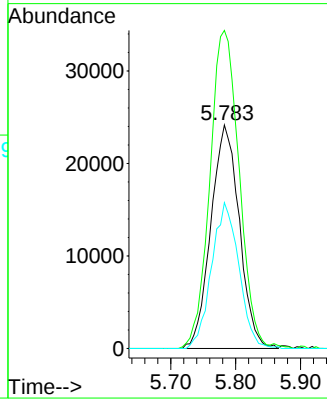
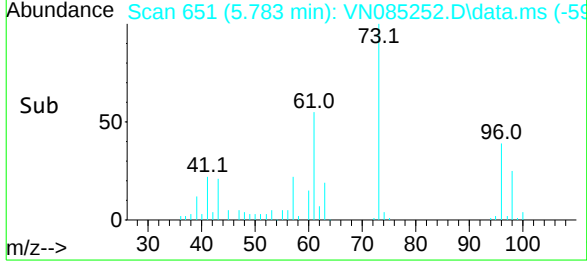
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824



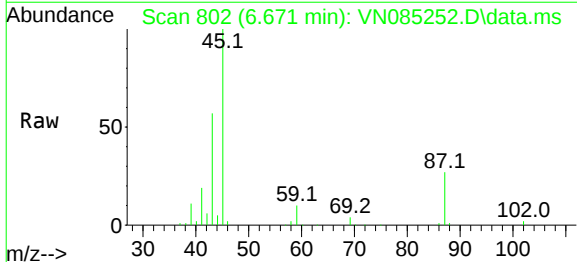
Tgt Ion: 96 Resp: 73555
Ion Ratio Lower Upper
96 100
61 142.3 122.0 183.0
98 65.2 54.3 81.5

Manual Integrations
APPROVED

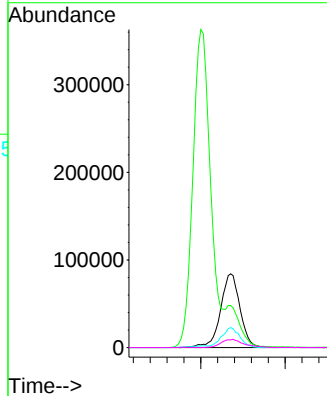
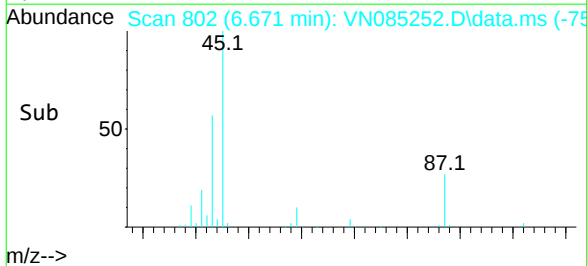
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

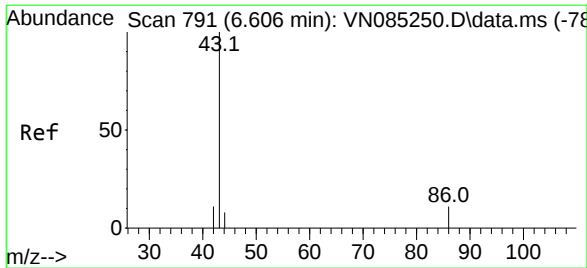


#22
Diisopropyl ether
Concen: 53.833 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28



Tgt Ion: 45 Resp: 269936
Ion Ratio Lower Upper
45 100
43 56.0 43.8 65.6
87 27.1 21.2 31.8
59 10.4 8.6 13.0





#23

Vinyl Acetate

Concen: 271.533 ug/l

RT: 6.600 min Scan# 791

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121824

Tgt Ion: 43 Resp: 1052093

Ion Ratio Lower Upper

43 100

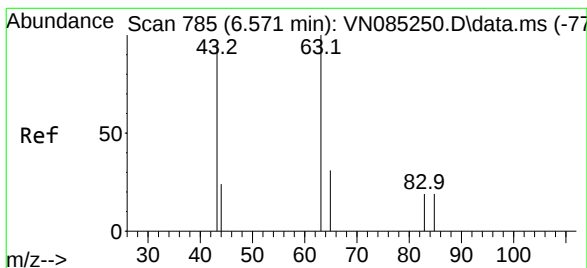
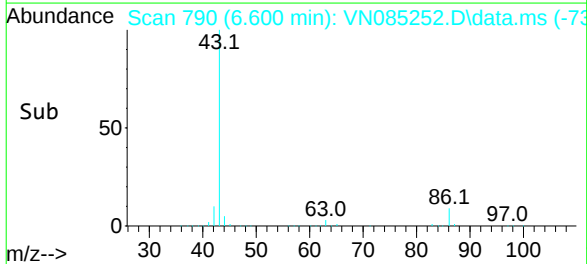
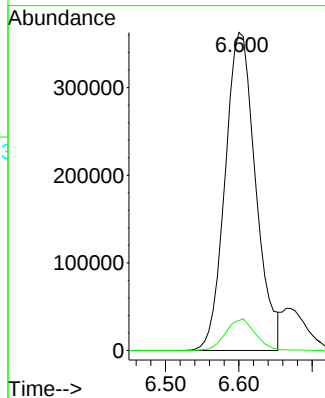
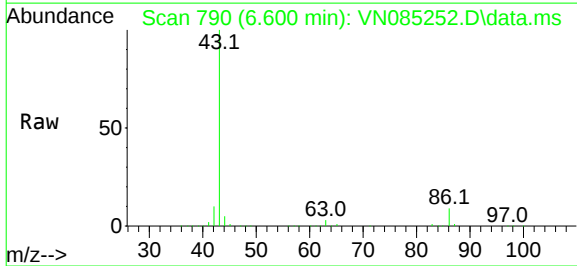
86 9.4 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#24

1,1-Dichloroethane

Concen: 49.737 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

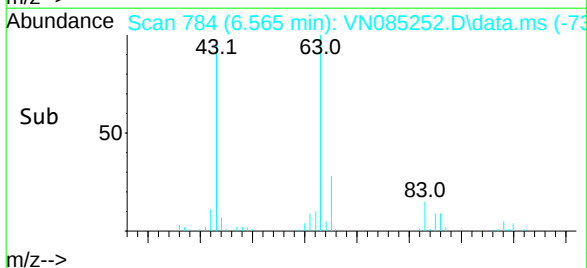
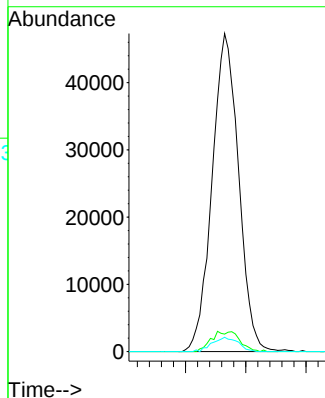
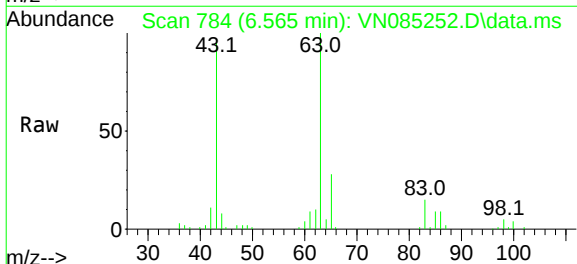
Tgt Ion: 63 Resp: 144468

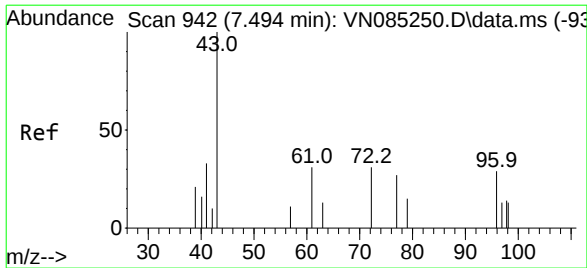
Ion Ratio Lower Upper

63 100

98 5.5 2.9 8.6

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 265.320 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121824

Tgt Ion: 43 Resp: 291500

Ion Ratio Lower Upper

43 100

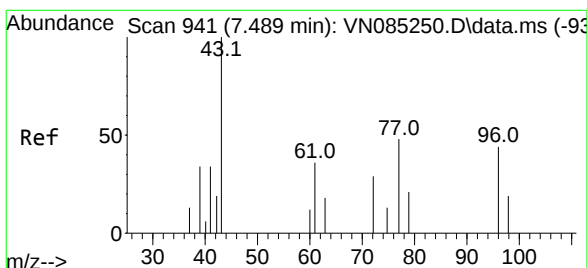
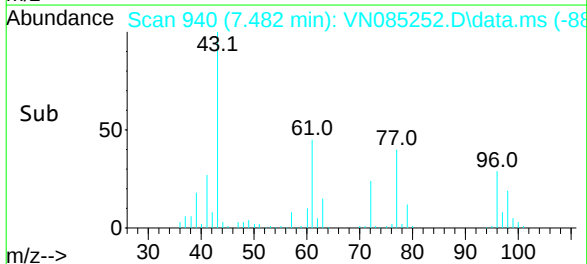
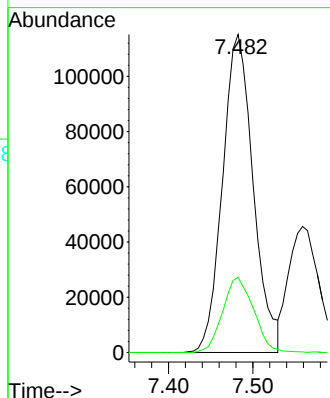
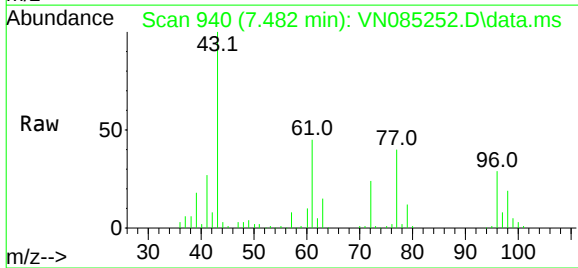
72 23.6 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#26

2,2-Dichloropropane

Concen: 50.613 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN085252.D

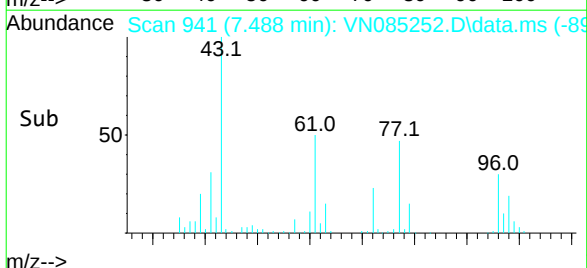
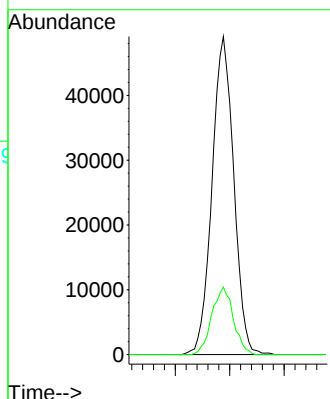
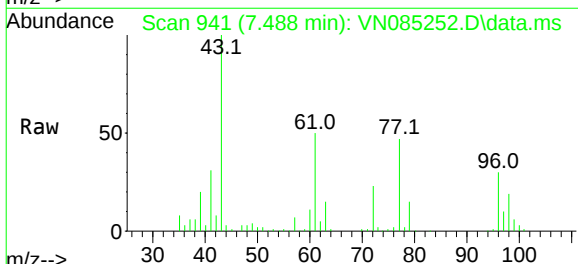
Acq: 18 Dec 2024 15:28

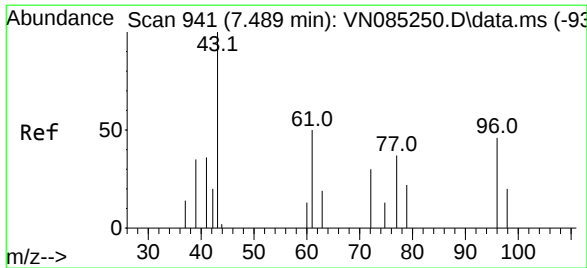
Tgt Ion: 77 Resp: 136132

Ion Ratio Lower Upper

77 100

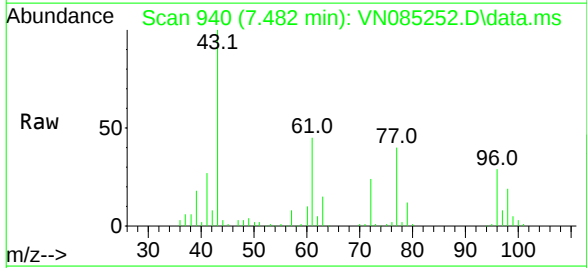
97 21.0 10.5 31.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.941 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN085252.D
 Acq: 18 Dec 2024 15:28

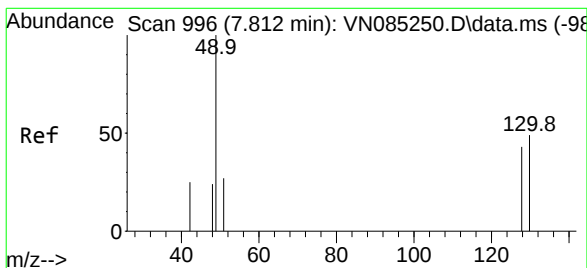
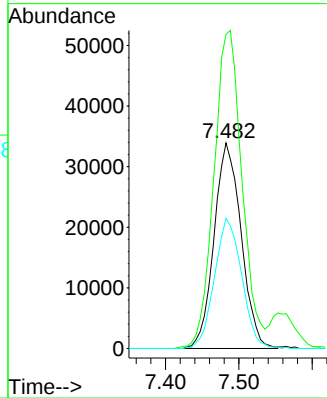
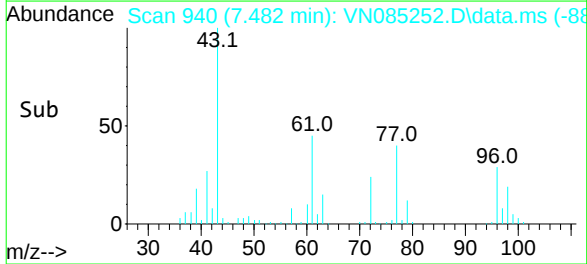
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121824



Tgt Ion: 96 Resp: 87010
 Ion Ratio Lower Upper
 96 100
 61 160.5 0.0 316.4
 98 63.6 0.0 125.4

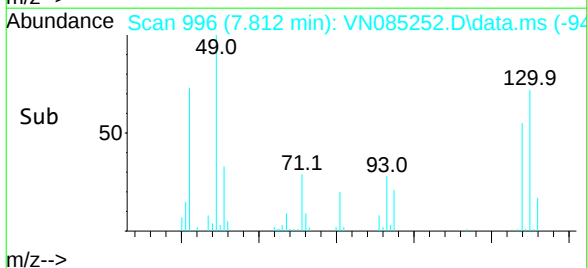
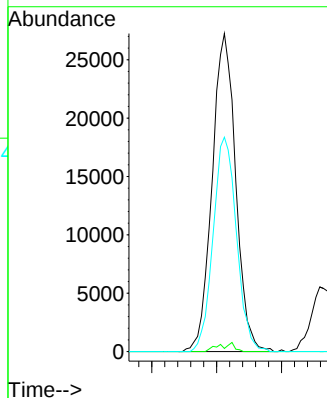
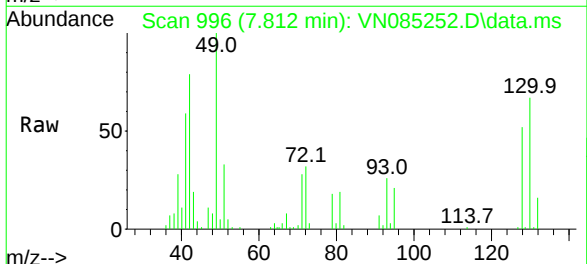
Manual Integrations
 APPROVED

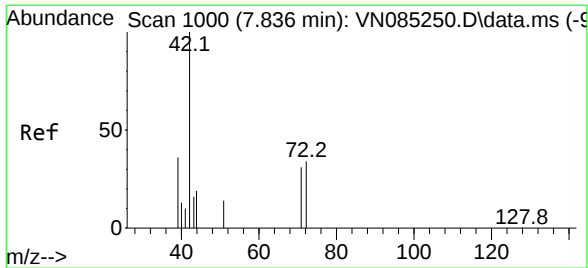
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#28
 Bromochloromethane
 Concen: 47.000 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN085252.D
 Acq: 18 Dec 2024 15:28

Tgt Ion: 49 Resp: 68849
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.4
 130 66.8 54.1 81.1





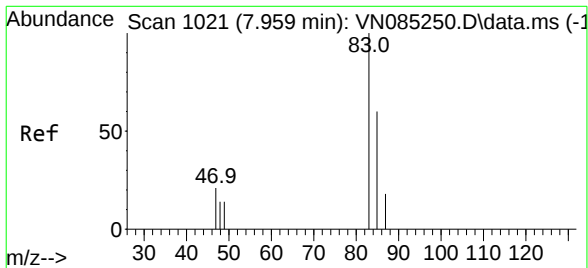
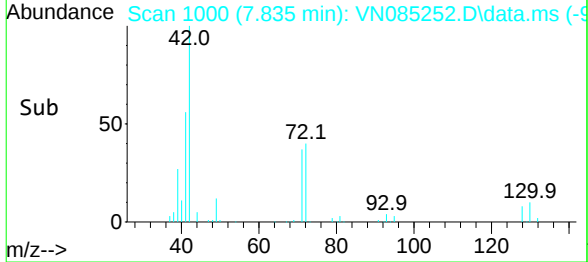
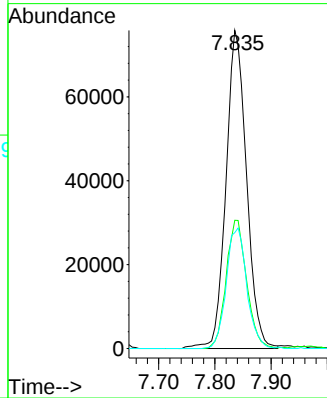
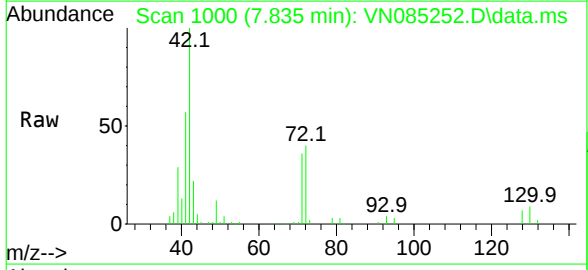
#29
Tetrahydrofuran
Concen: 271.615 ug/l
RT: 7.835 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824

Tgt Ion: 42 Resp: 192364
Ion Ratio Lower Upper
42 100
72 40.1 32.7 49.1
71 37.9 31.4 47.2

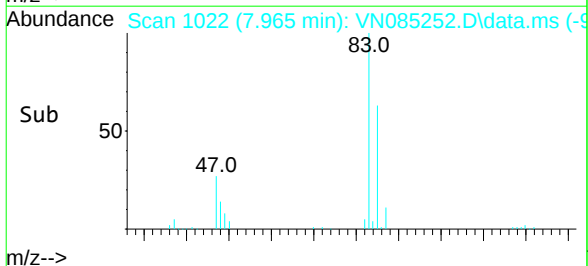
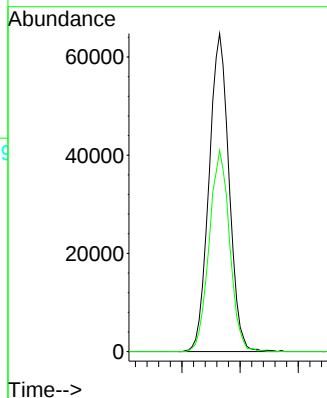
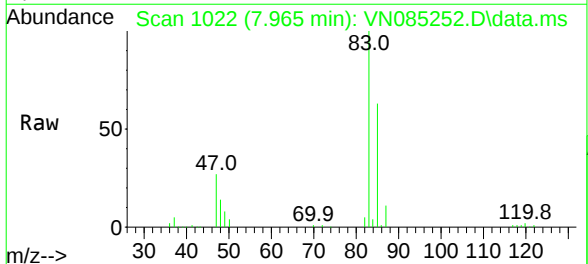
Manual Integrations
APPROVED

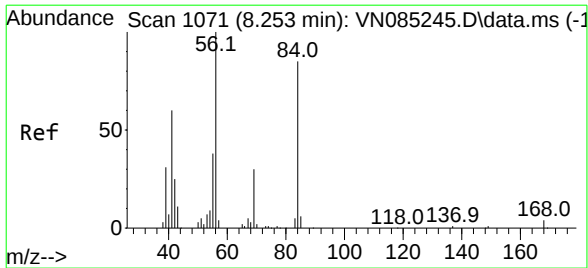
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#30
Chloroform
Concen: 49.869 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 83 Resp: 154690
Ion Ratio Lower Upper
83 100
85 63.3 51.4 77.0





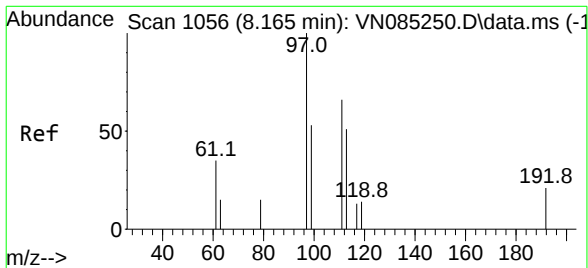
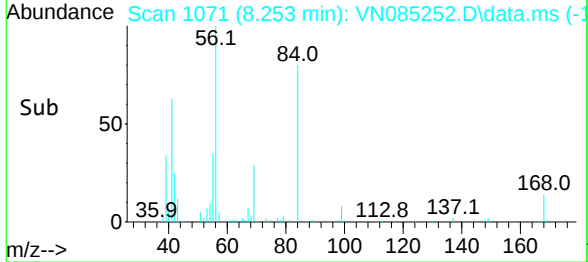
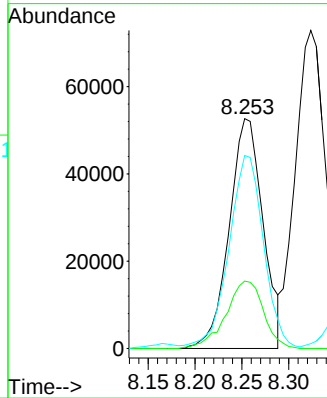
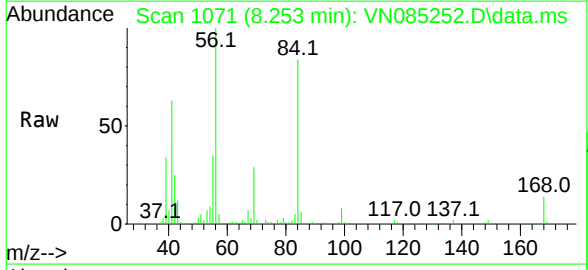
#31
Cyclohexane
Concen: 49.233 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument : MSVOA_N
Client SampleId : ICVVN121824

Tgt Ion: 56	Resp: 132384
Ion Ratio	Lower Upper
56	100
69	29.3 23.6 35.4
84	82.8 66.6 99.8

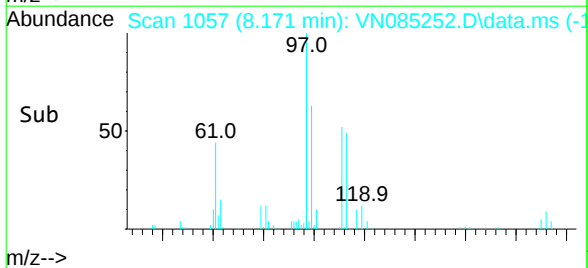
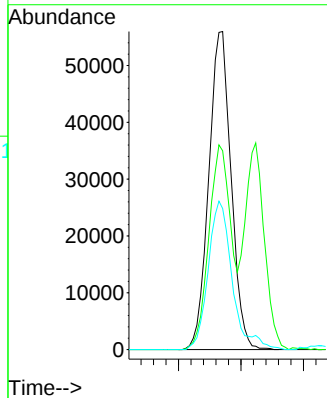
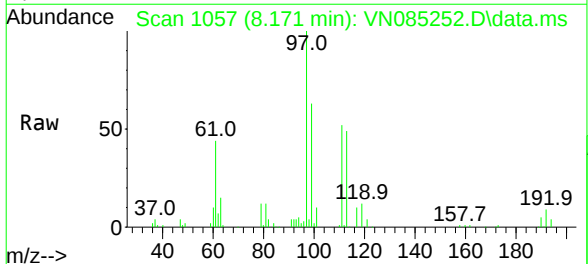
Manual Integrations
APPROVED

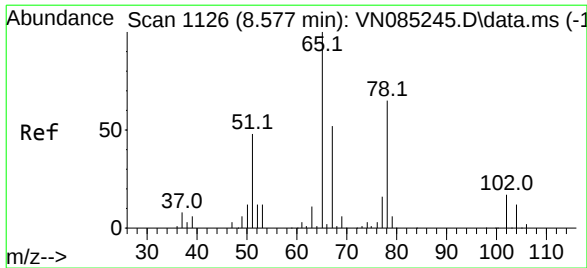
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#32
1,1,1-Trichloroethane
Concen: 50.294 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 97	Resp: 139048
Ion Ratio	Lower Upper
97	100
99	64.0 51.4 77.0
61	50.1 40.4 60.6





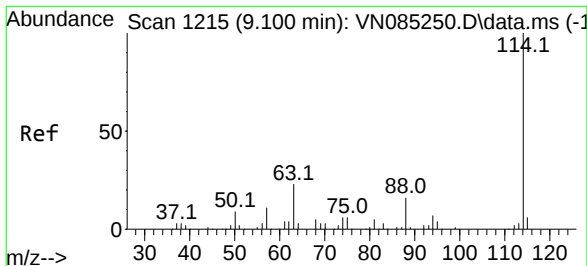
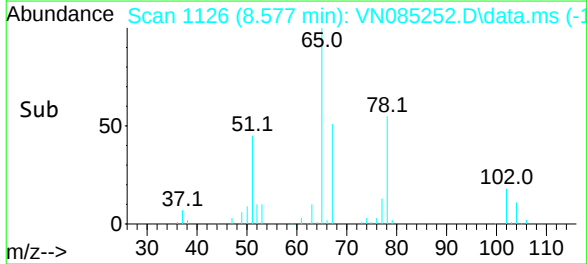
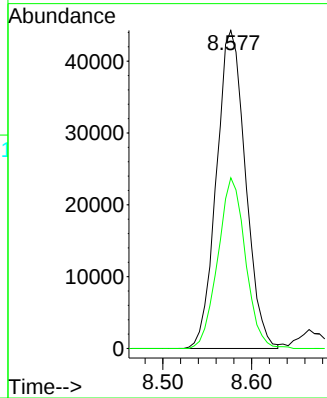
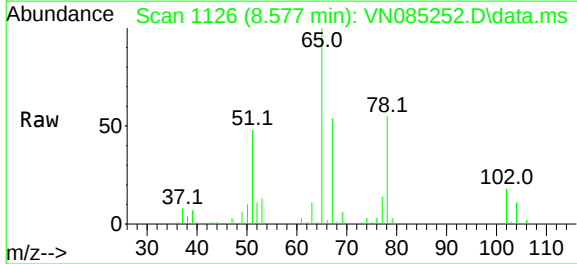
#33
1,2-Dichloroethane-d4
Concen: 48.331 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824

Tgt Ion: 65 Resp: 100452
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.2

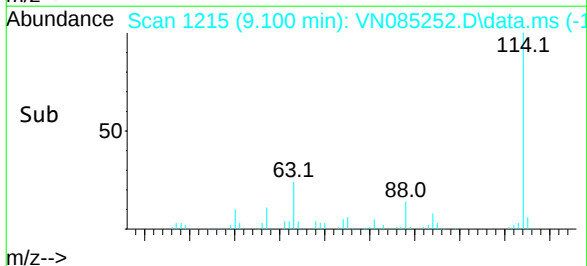
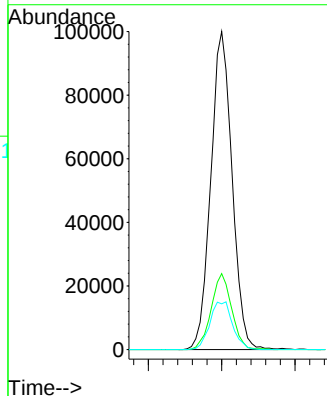
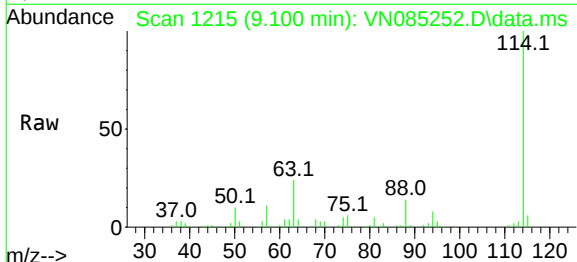
Manual Integrations
APPROVED

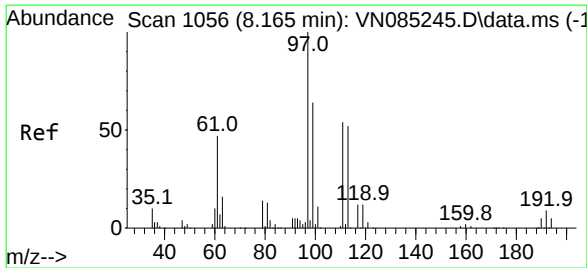
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

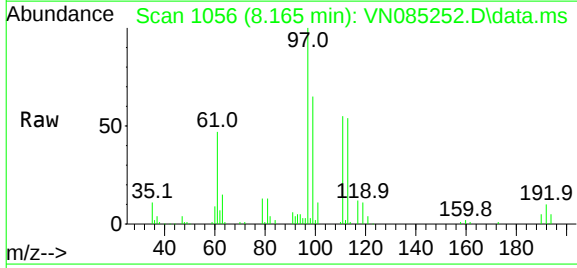
Tgt Ion:114 Resp: 201330
Ion Ratio Lower Upper
114 100
63 23.9 0.0 46.2
88 14.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.071 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

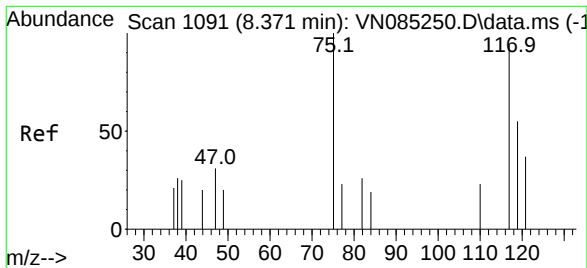
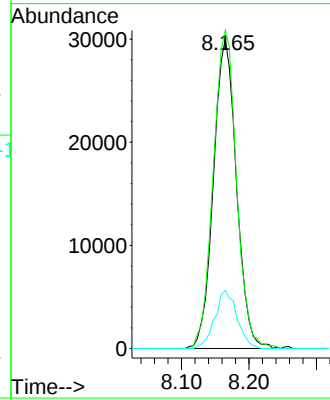
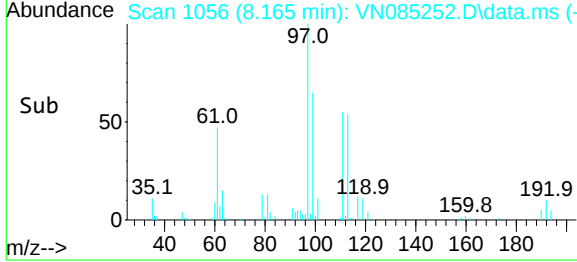
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824



Tgt Ion: 113 Resp: 70873
Ion Ratio Lower Upper
113 100
111 104.3 82.1 123.1
192 18.1 13.4 20.0

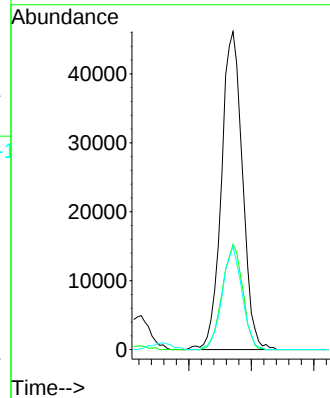
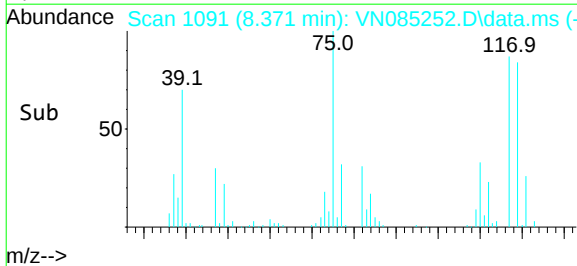
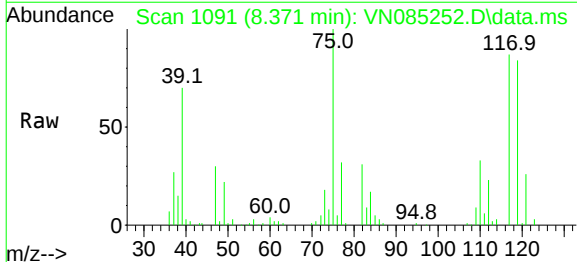
Manual Integrations
APPROVED

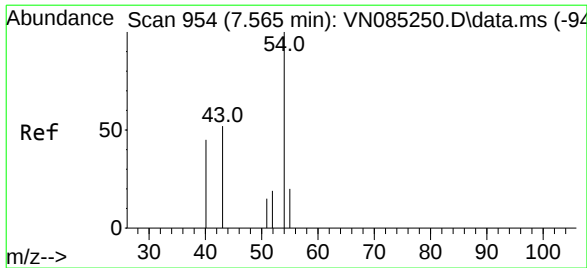
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024



#36
1,1-Dichloropropene
Concen: 54.752 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

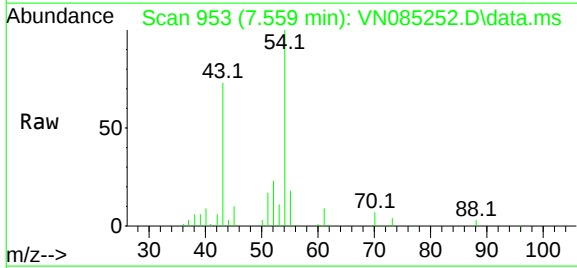
Tgt Ion: 75 Resp: 107913
Ion Ratio Lower Upper
75 100
110 32.0 16.0 48.0
77 30.6 24.6 36.8





#37
Ethyl Acetate
Concen: 50.687 ug/l
RT: 7.559 min Scan# 954
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

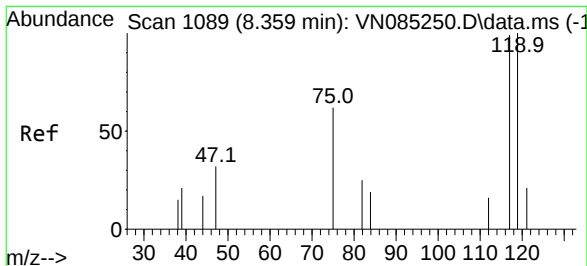
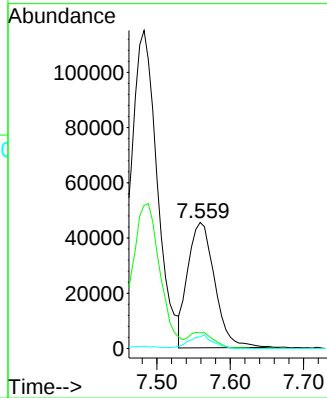
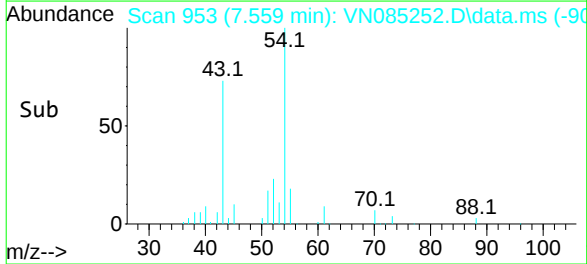
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121824



Tgt Ion: 43 Resp: 115253
Ion Ratio Lower Upper
43 100
61 12.3 9.8 14.6
70 9.4 7.8 11.8

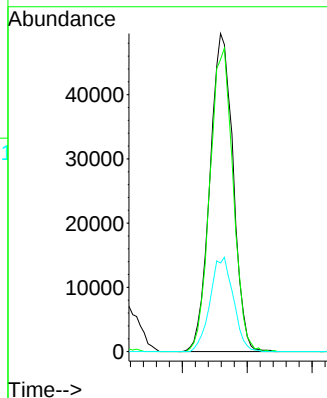
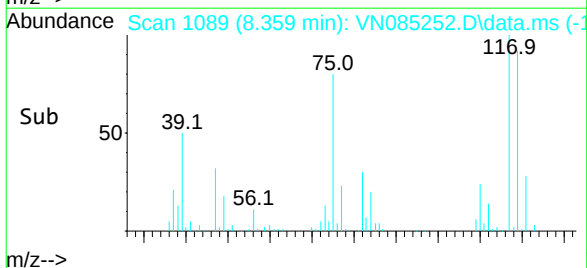
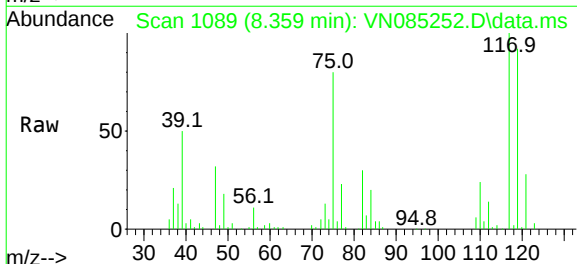
Manual Integrations
APPROVED

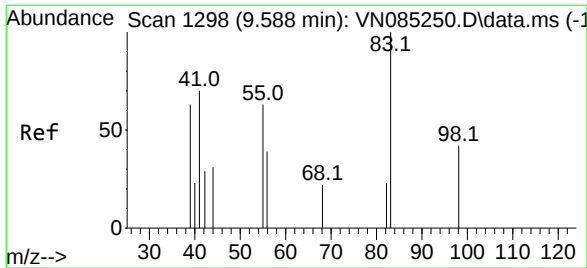
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Carbon Tetrachloride
Concen: 51.507 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

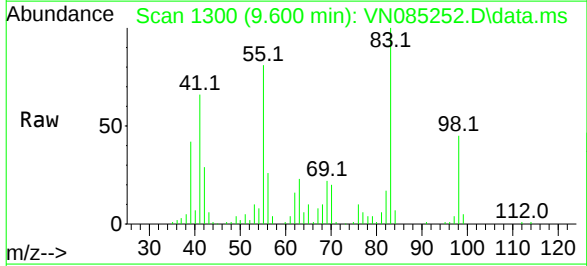
Tgt Ion:117 Resp: 122741
Ion Ratio Lower Upper
117 100
119 91.8 74.8 112.2
121 27.9 24.2 36.4





#39
Methylcyclohexane
Concen: 56.812 ug/l
RT: 9.600 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

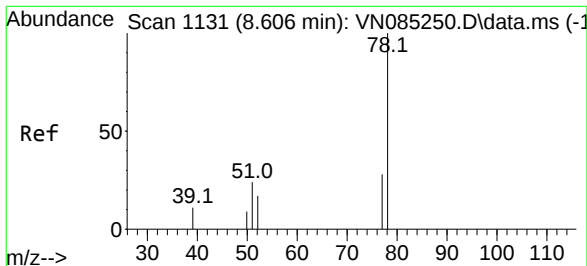
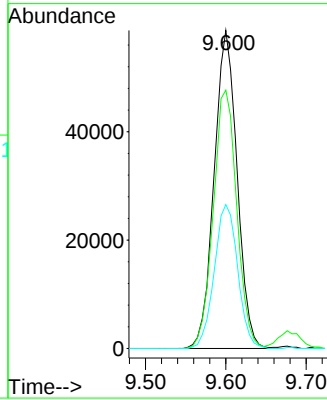
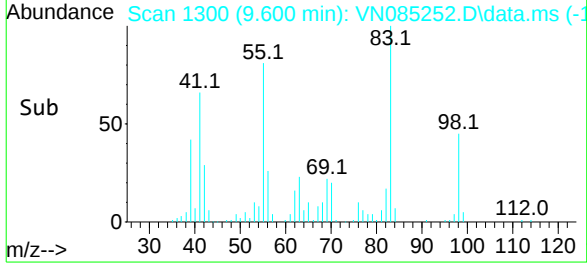
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824



Tgt Ion: 83 Resp: 116519
Ion Ratio Lower Upper
83 100
55 81.2 66.8 100.2
98 45.2 39.4 59.2

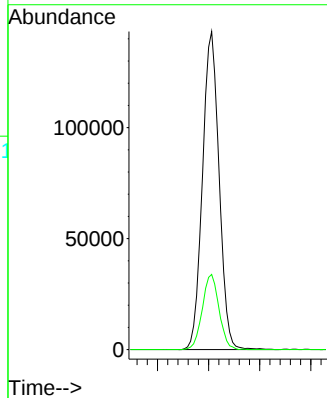
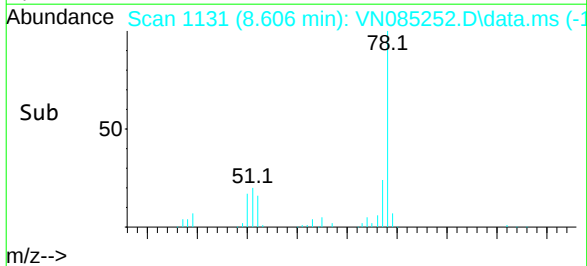
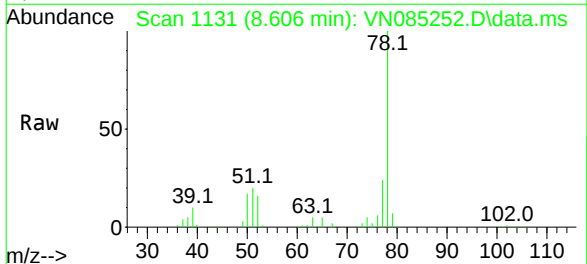
Manual Integrations
APPROVED

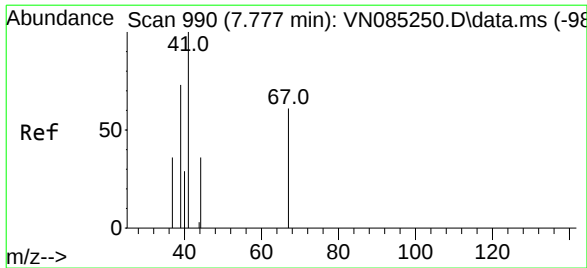
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#40
Benzene
Concen: 52.739 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 78 Resp: 323372
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3





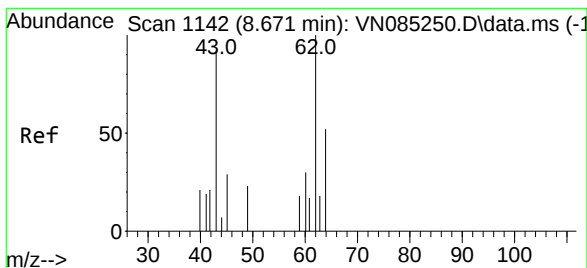
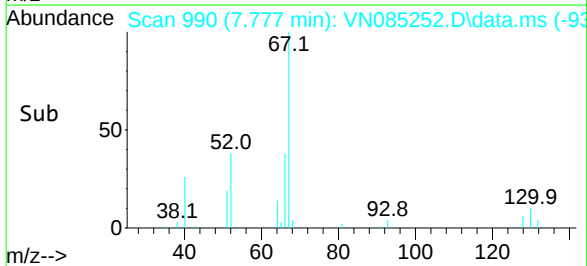
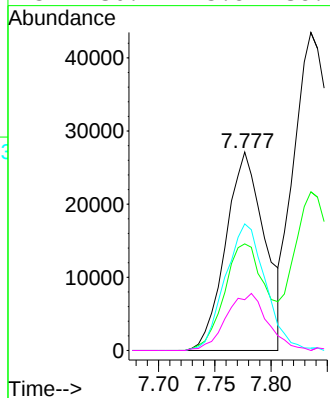
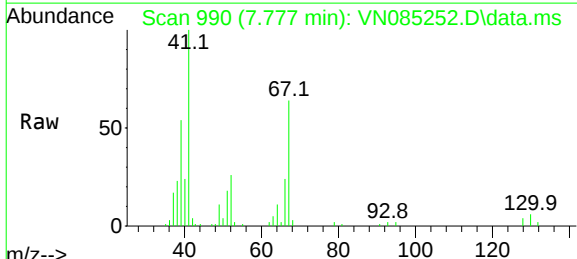
#41
Methacrylonitrile
Concen: 56.481 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824

Tgt Ion:	41	Resp:	65451
Ion	Ratio	Lower	Upper
41	100		
39	57.2	44.0	66.0
67	65.7	56.0	84.0
52	30.4	25.8	38.6

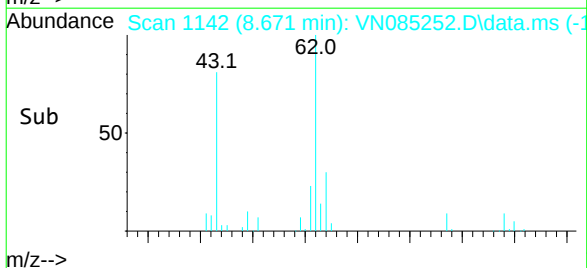
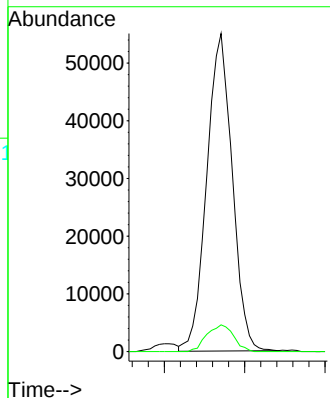
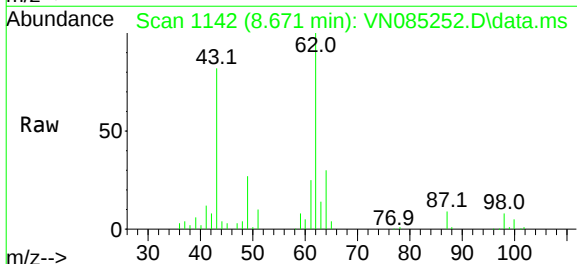
Manual Integrations
APPROVED

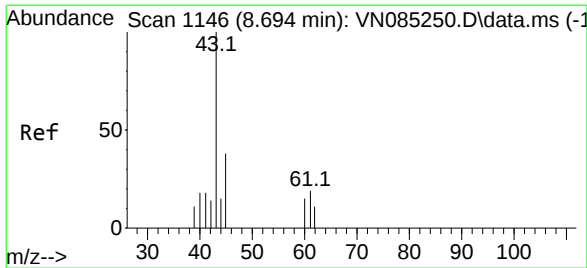
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
1,2-Dichloroethane
Concen: 51.915 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion:	62	Resp:	121250
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.4





#43

Isopropyl Acetate

Concen: 47.821 ug/l

RT: 8.688 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121824

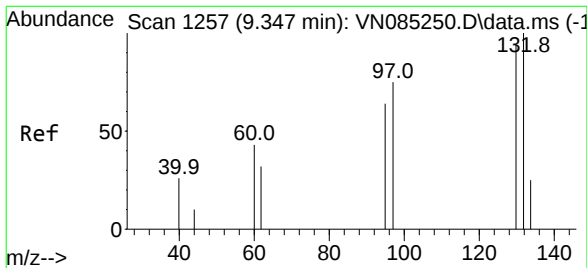
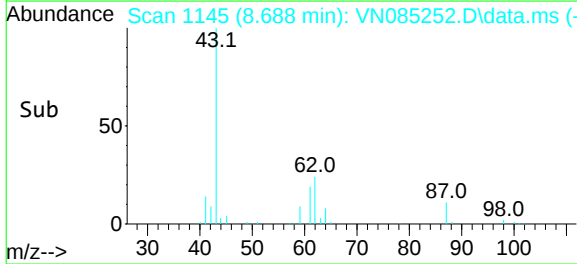
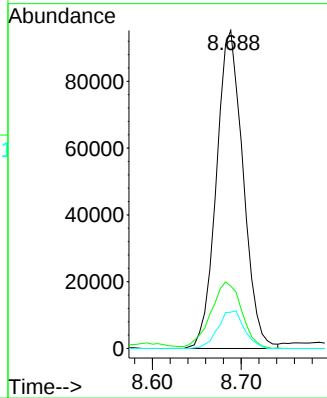
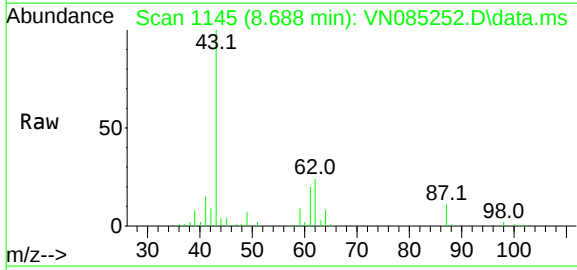
Tgt Ion:	43	Resp:	198852
Ion	Ratio	Lower	Upper
43	100		
61	24.2	19.0	28.4
87	11.7	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#44

Trichloroethene

Concen: 51.368 ug/l

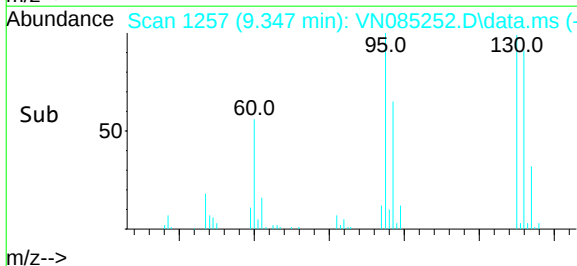
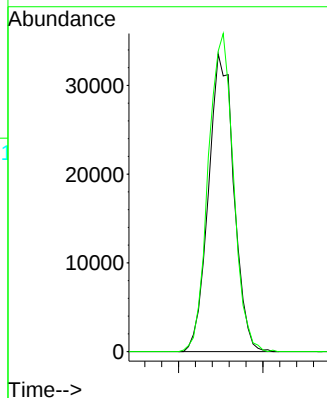
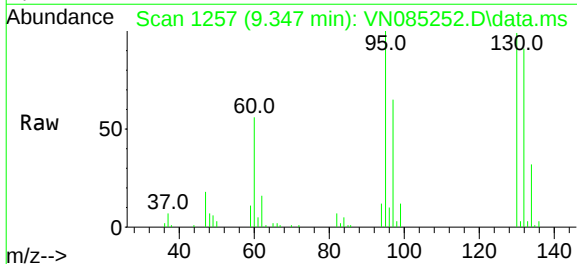
RT: 9.347 min Scan# 1257

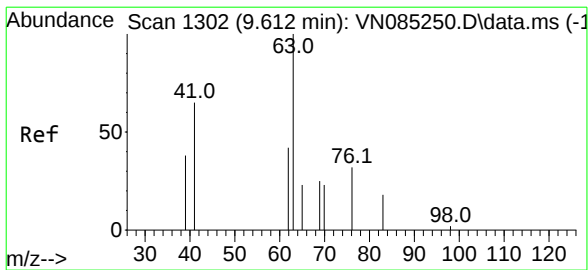
Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Tgt Ion:	130	Resp:	70123
Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	207.6





#45

1,2-Dichloropropane

Concen: 53.231 ug/l

RT: 9.618 min Scan# 13

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121824

Tgt Ion: 63 Resp: 80814

Ion Ratio Lower Upper

63 100

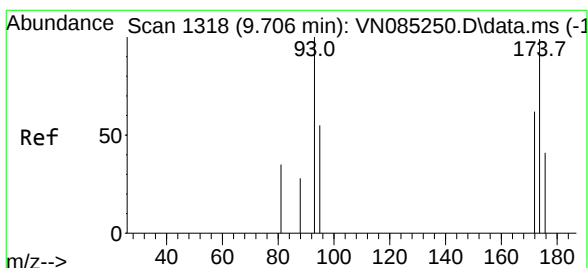
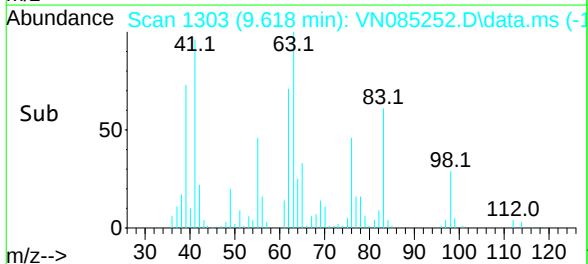
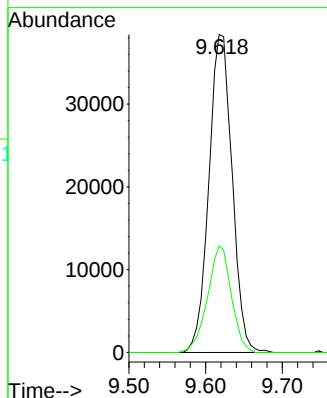
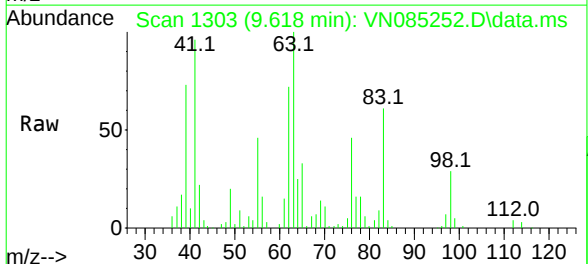
65 33.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#46

Dibromomethane

Concen: 53.535 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

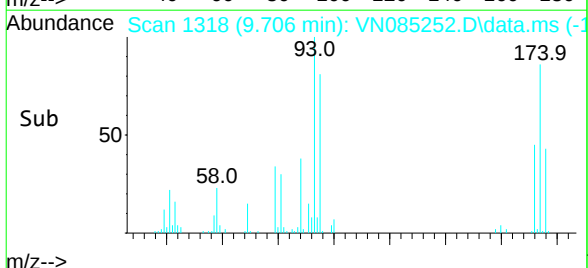
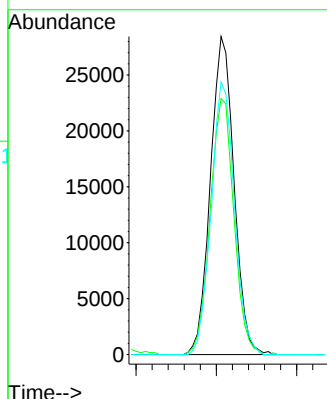
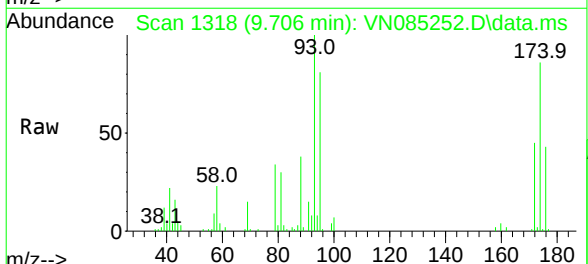
Tgt Ion: 93 Resp: 58019

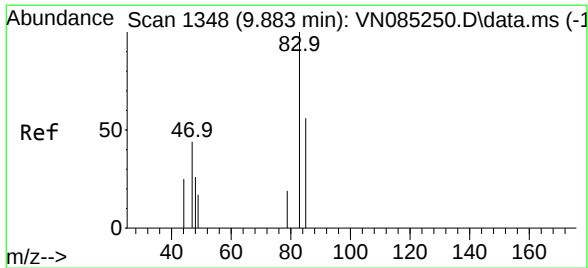
Ion Ratio Lower Upper

93 100

95 81.0 67.0 100.6

174 84.3 69.3 103.9





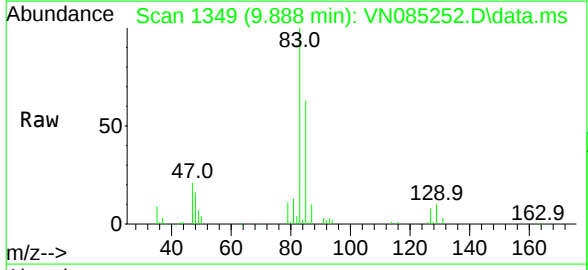
#47
 Bromodichloromethane
 Concen: 52.981 ug/l
 RT: 9.888 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085252.D
 Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

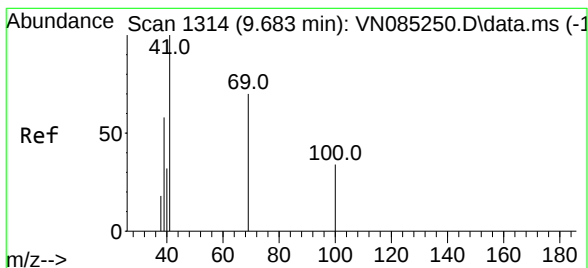
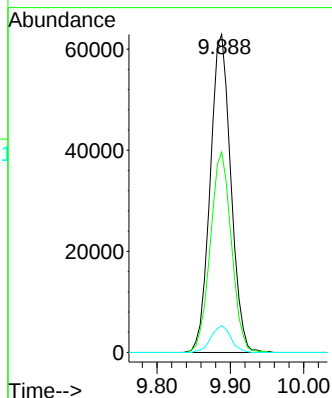
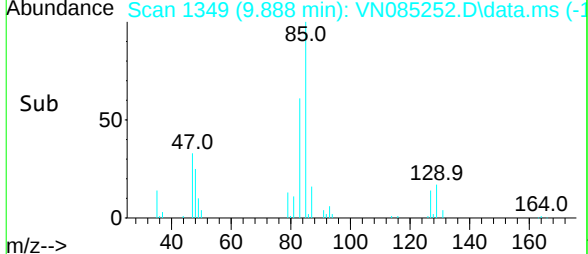
ICVVN121824



Tgt Ion:	83	Resp:	123021
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.0	76.4
127	8.5	6.3	9.5

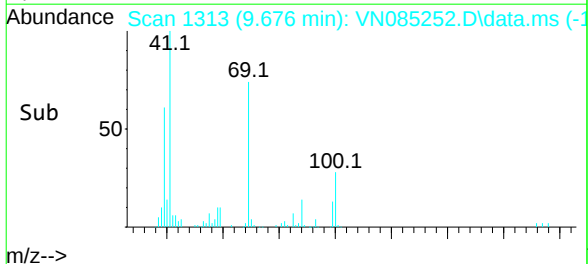
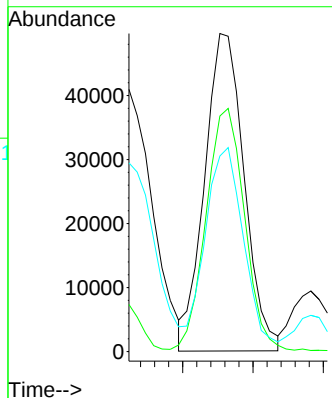
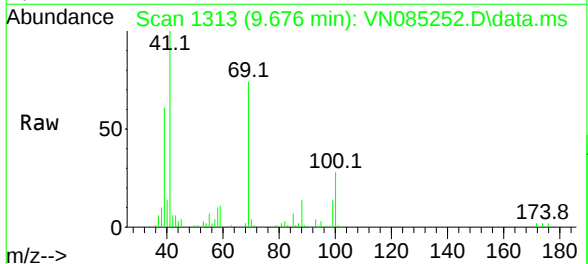
Manual Integrations
 APPROVED

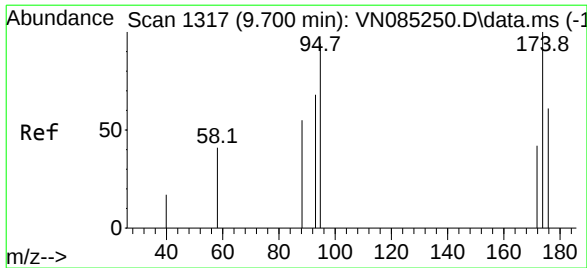
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#48
 Methyl methacrylate
 Concen: 56.867 ug/l
 RT: 9.676 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085252.D
 Acq: 18 Dec 2024 15:28

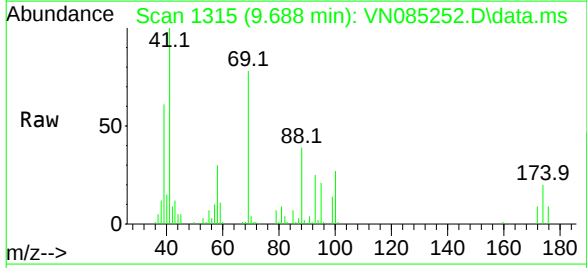
Tgt Ion:	41	Resp:	96934
Ion	Ratio	Lower	Upper
41	100		
69	75.3	61.0	91.4
39	63.2	49.8	74.8





#49
1,4-Dioxane
Concen: 1194.626 ug/l
RT: 9.688 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

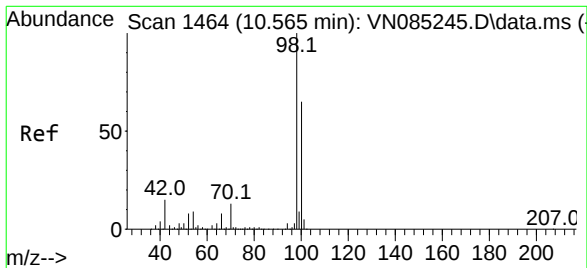
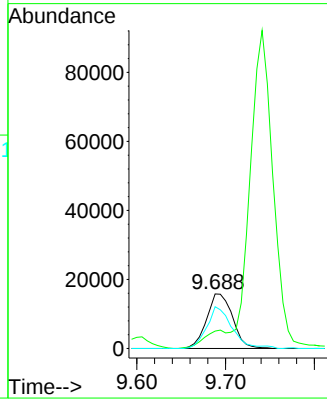
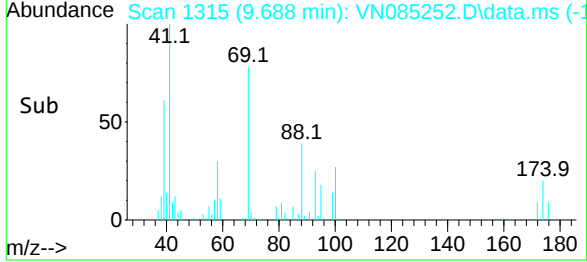
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824



Tgt Ion: 88 Resp: 32106
Ion Ratio Lower Upper
88 100
43 28.5 25.6 38.4
58 74.6 56.5 84.7

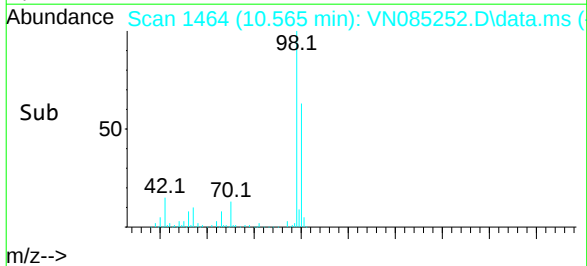
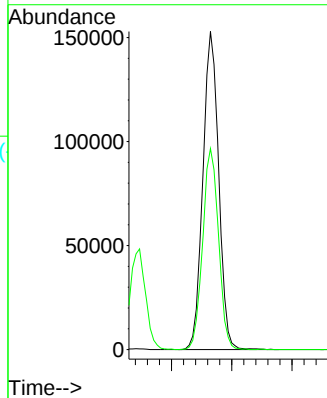
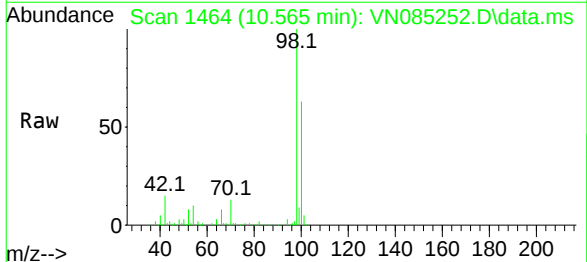
Manual Integrations
APPROVED

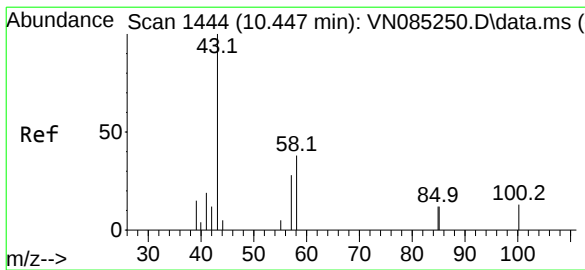
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#50
Toluene-d8
Concen: 53.722 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 98 Resp: 277928
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4





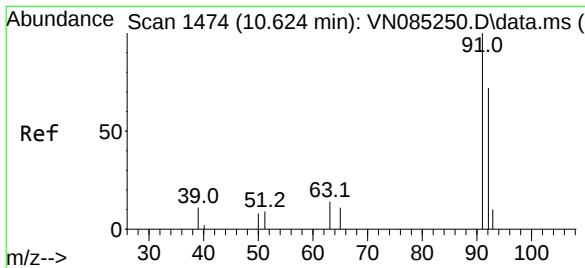
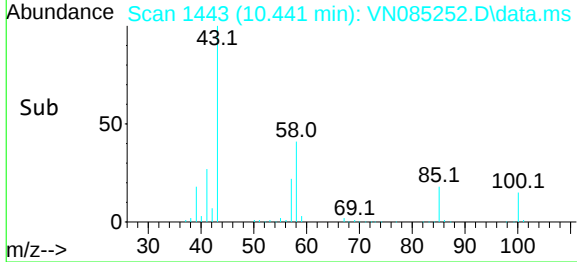
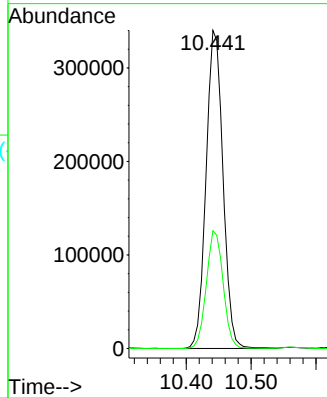
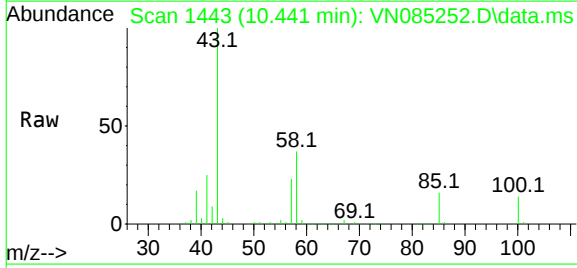
#51
4-Methyl-2-Pentanone
Concen: 281.847 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824

Tgt Ion: 43 Resp: 615797
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.2

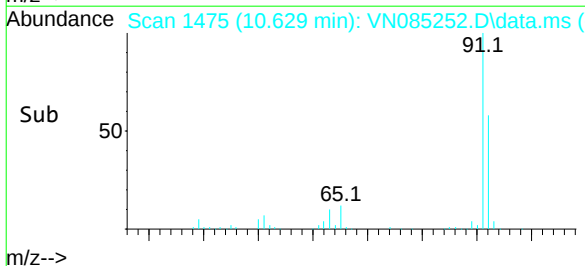
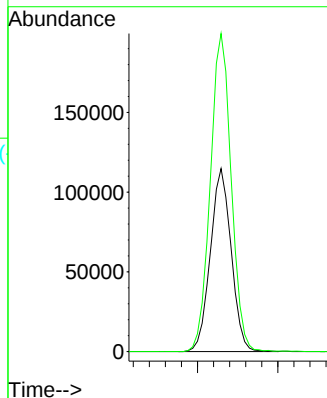
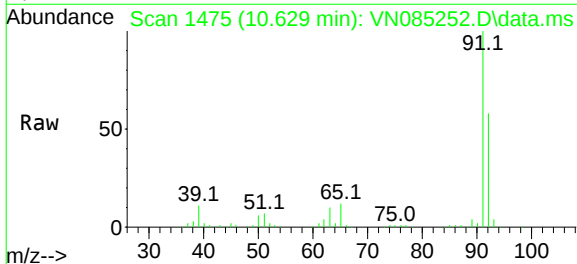
Manual Integrations
APPROVED

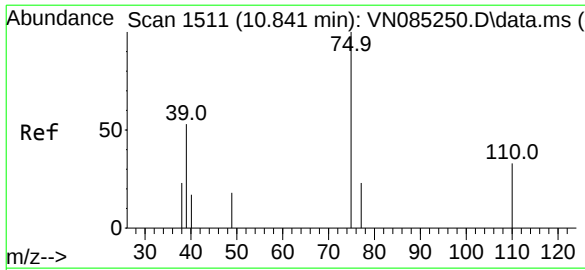
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Toluene
Concen: 56.032 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

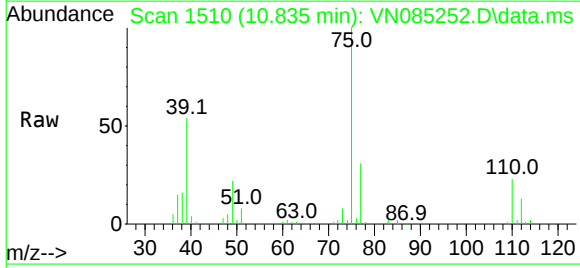
Tgt Ion: 92 Resp: 206579
Ion Ratio Lower Upper
92 100
91 174.3 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 56.558 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

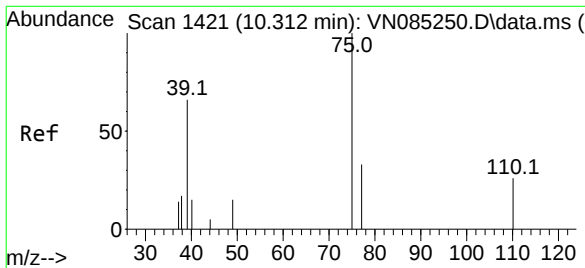
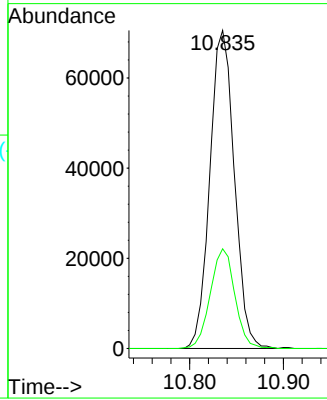
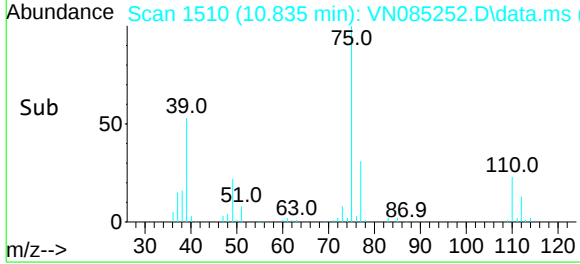
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824



Tgt Ion: 75 Resp: 128008
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

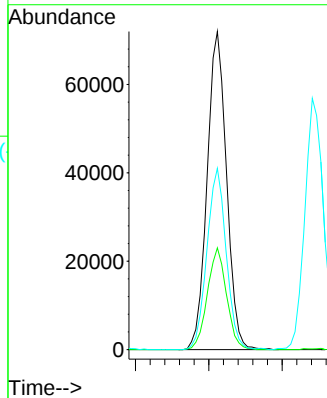
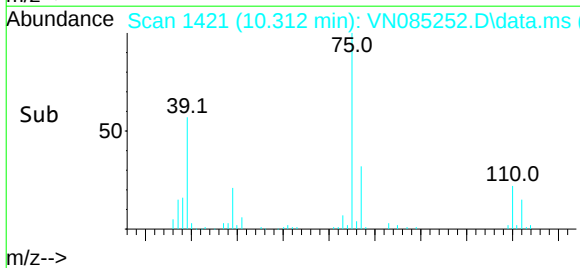
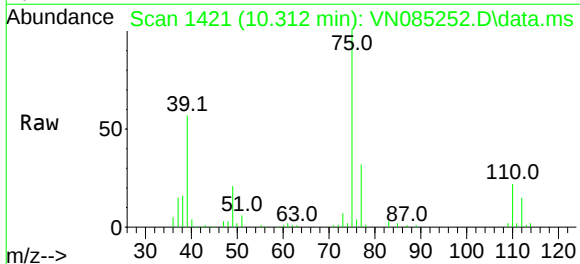
Manual Integrations
APPROVED

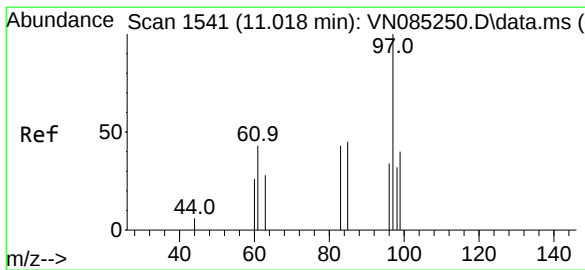
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#54
cis-1,3-Dichloropropene
Concen: 54.993 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

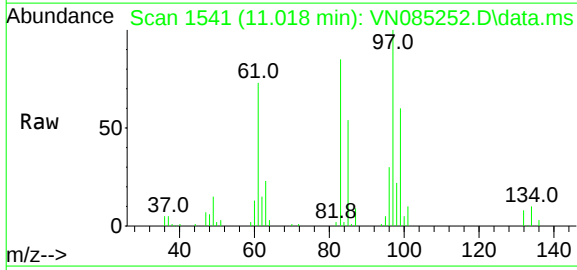
Tgt Ion: 75 Resp: 132334
Ion Ratio Lower Upper
75 100
77 32.0 26.6 39.8
39 57.0 45.3 67.9





#55
1,1,2-Trichloroethane
Concen: 53.481 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

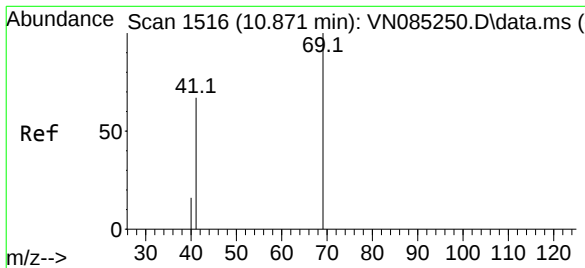
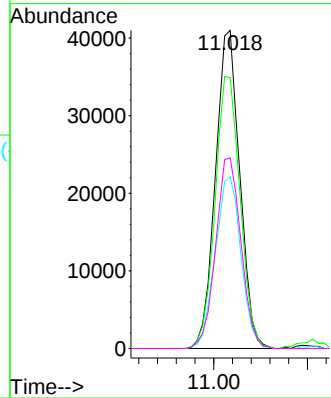
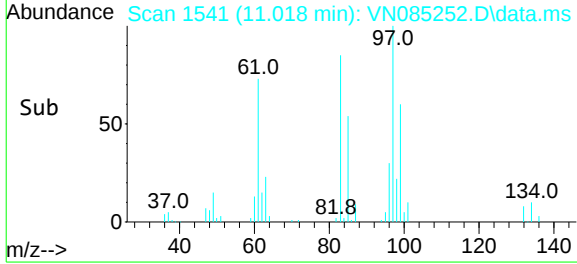
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.6	104.4
85	54.0	45.7	68.5
99	59.9	50.4	75.6

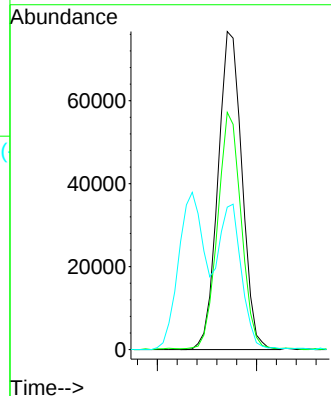
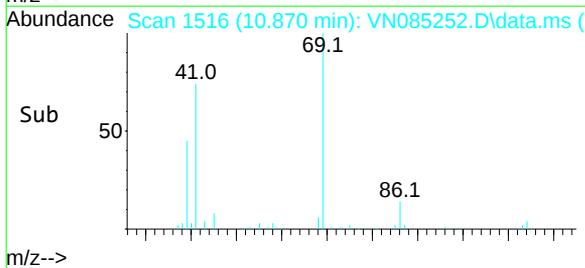
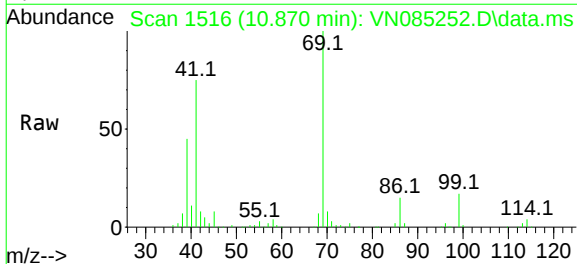
Manual Integrations
APPROVED

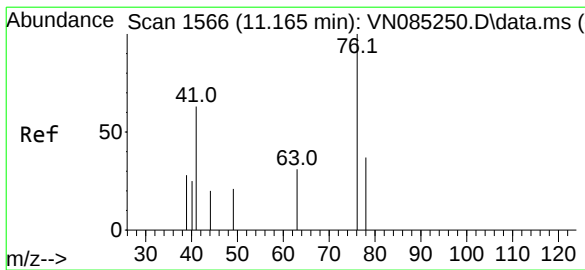
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#56
Ethyl methacrylate
Concen: 49.171 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

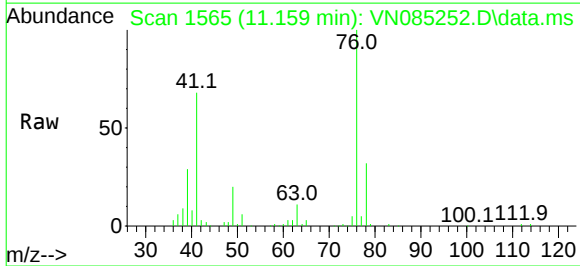
Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.5	57.5	86.3
39	44.3	33.4	50.2





#57
1,3-Dichloropropane
Concen: 54.692 ug/l
RT: 11.159 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

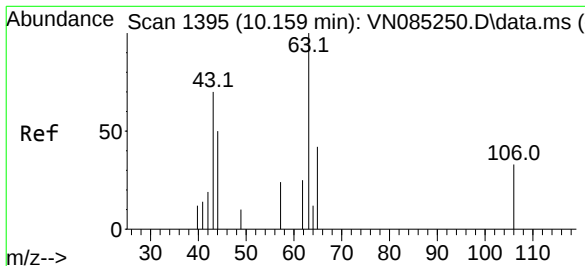
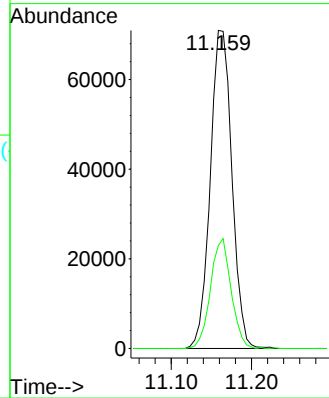
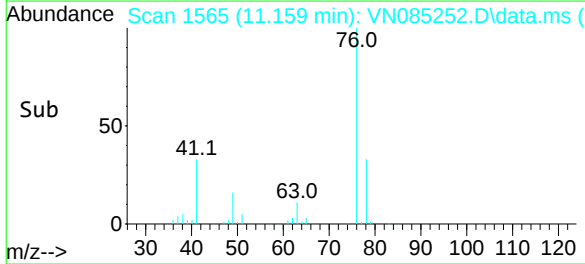
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824



Tgt Ion: 76 Resp: 132887
Ion Ratio Lower Upper
76 100
78 32.9 25.4 38.2

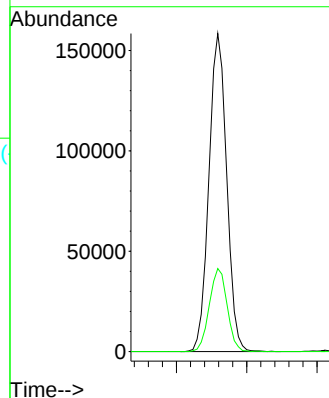
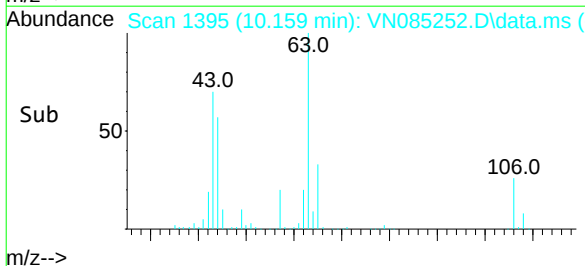
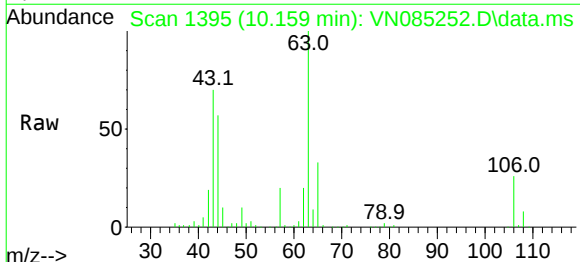
Manual Integrations
APPROVED

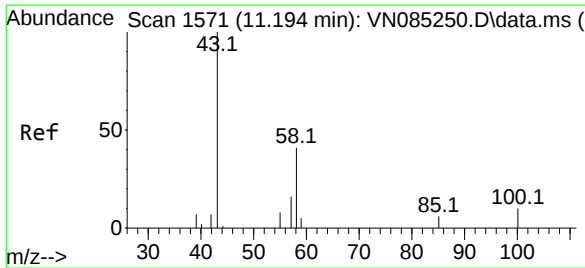
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 225.002 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 63 Resp: 278019
Ion Ratio Lower Upper
63 100
106 26.2 21.2 31.8





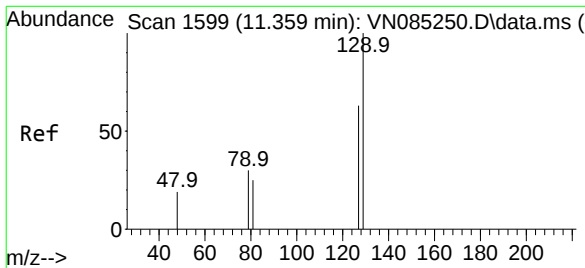
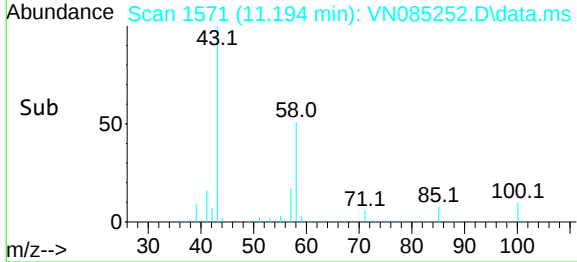
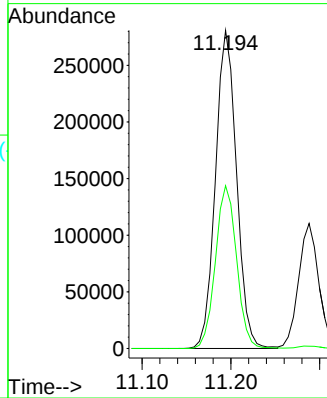
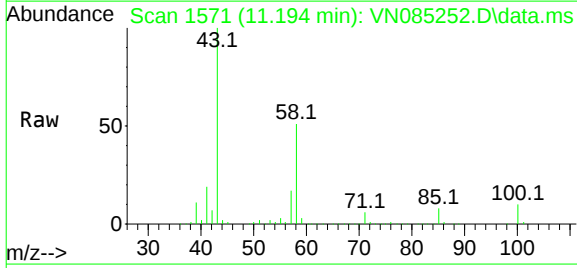
#59
2-Hexanone
Concen: 297.348 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument : MSVOA_N
ClientSampleId : ICVVN121824

Tgt Ion: 43 Resp: 463104
Ion Ratio Lower Upper
43 100
58 51.3 25.8 77.4

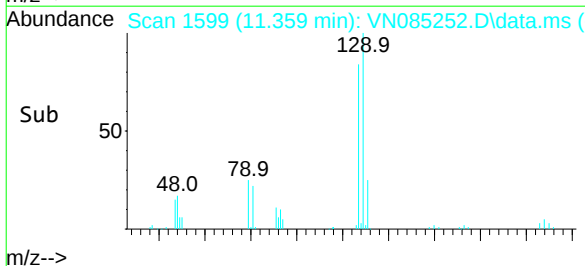
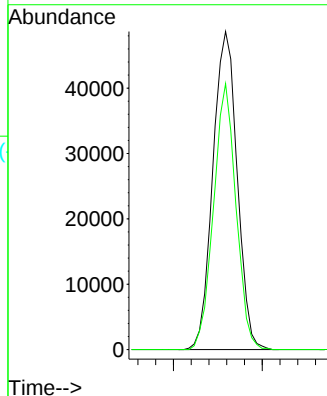
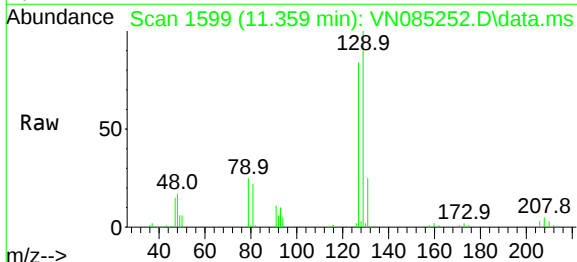
Manual Integrations
APPROVED

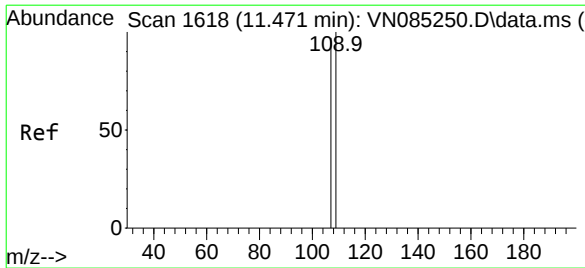
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#60
Dibromochloromethane
Concen: 56.551 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

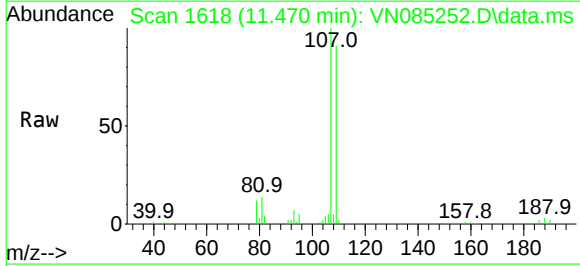
Tgt Ion:129 Resp: 92524
Ion Ratio Lower Upper
129 100
127 77.2 39.6 118.8





#61
1,2-Dibromoethane
Concen: 53.395 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

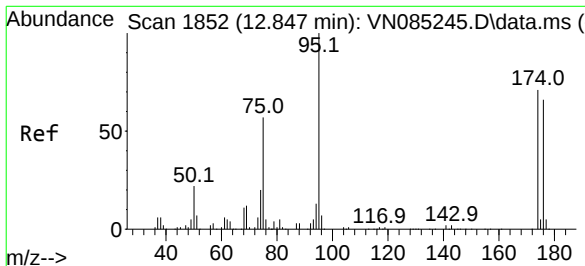
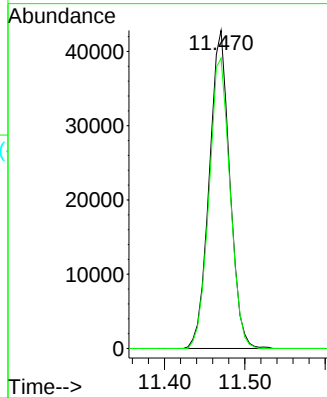
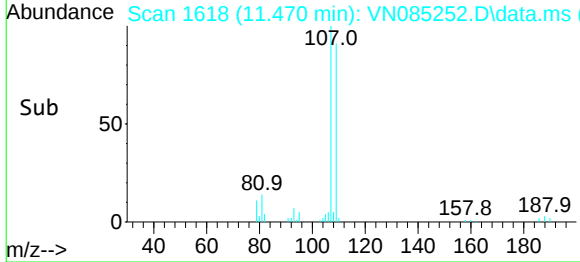
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824



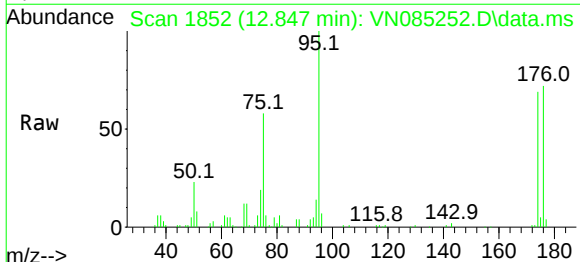
Tgt Ion: 107 Resp: 75923
Ion Ratio Lower Upper
107 100
109 93.4 74.2 111.4

Manual Integrations
APPROVED

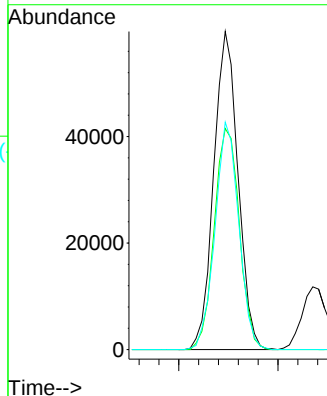
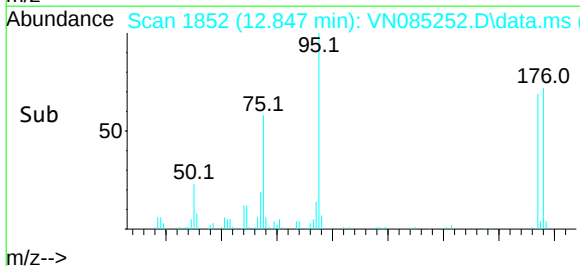
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024

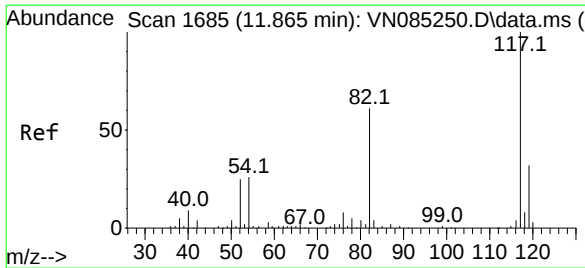


#62
4-Bromofluorobenzene
Concen: 54.892 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28



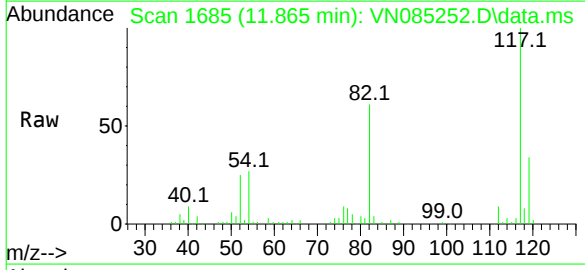
Tgt Ion: 95 Resp: 101431
Ion Ratio Lower Upper
95 100
174 71.9 0.0 144.4
176 69.9 0.0 136.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

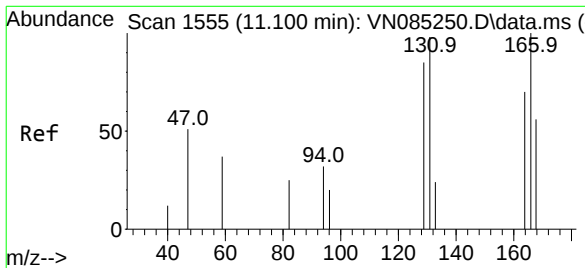
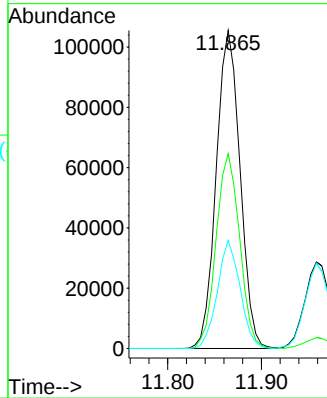
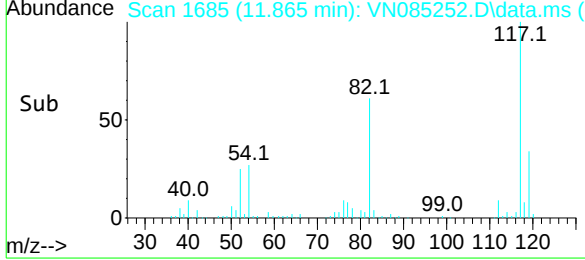
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824



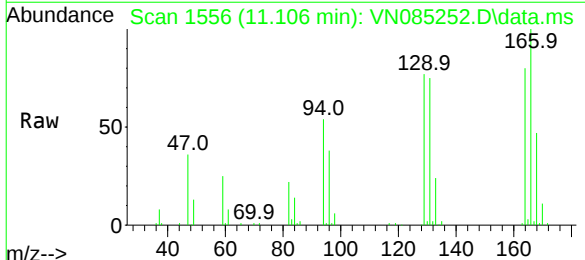
Tgt Ion:117 Resp: 186269
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.2
119 34.0 25.6 38.4

Manual Integrations
APPROVED

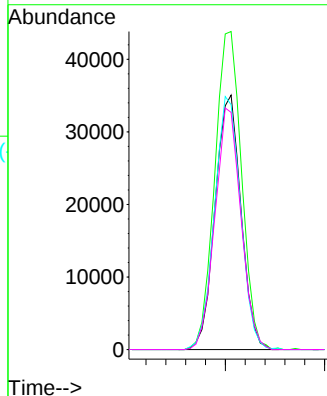
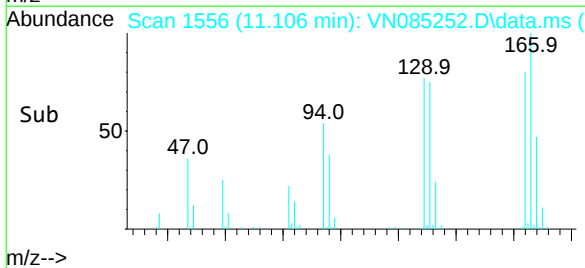
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

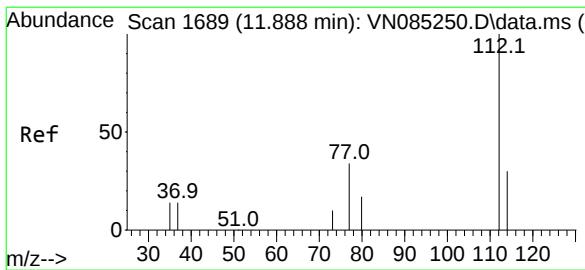


#64
Tetrachloroethene
Concen: 50.789 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28



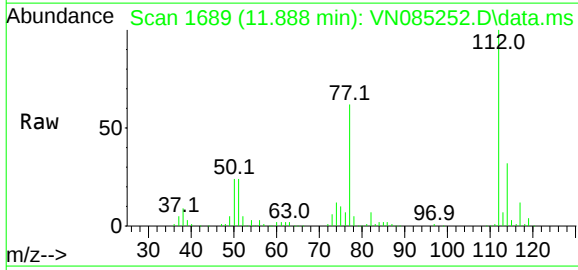
Tgt Ion:164 Resp: 63660
Ion Ratio Lower Upper
164 100
166 125.0 101.5 152.3
129 96.2 79.4 119.2
131 93.2 73.9 110.9





#65
Chlorobenzene
Concen: 52.426 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

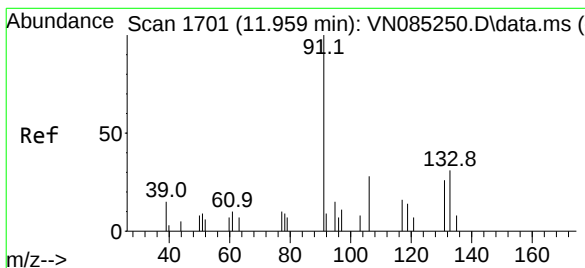
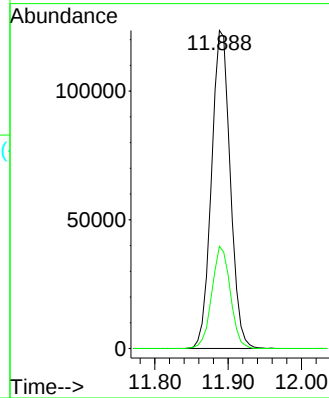
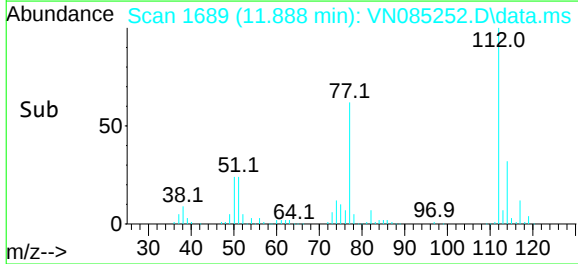
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824



Tgt Ion:112 Resp: 219513
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4

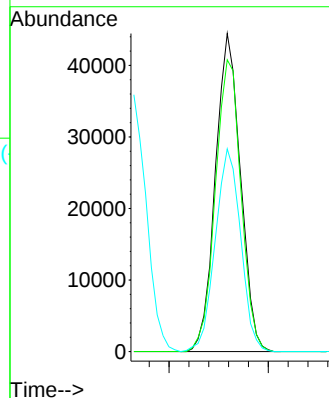
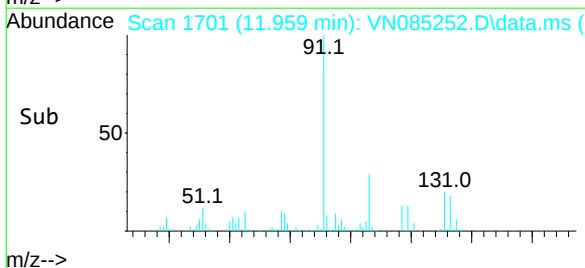
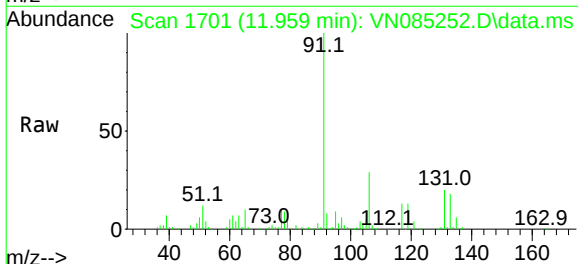
Manual Integrations
APPROVED

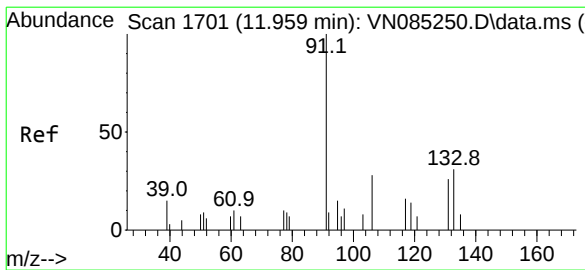
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.465 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

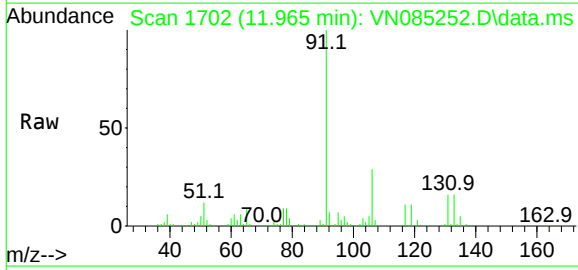
Tgt Ion:131 Resp: 78102
Ion Ratio Lower Upper
131 100
133 93.8 48.6 145.8
119 64.6 32.5 97.5





#67
Ethyl Benzene
Concen: 56.080 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

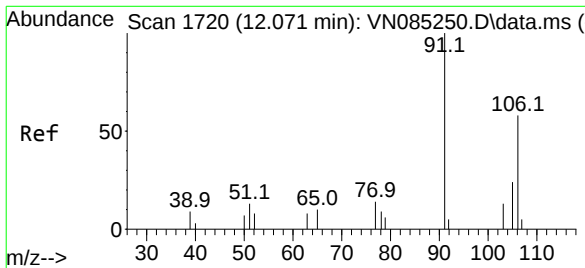
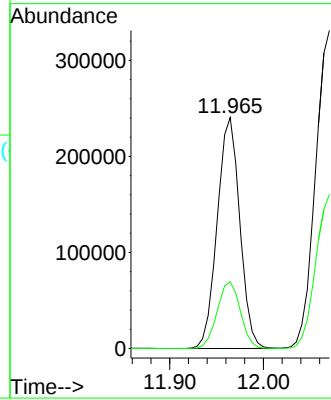
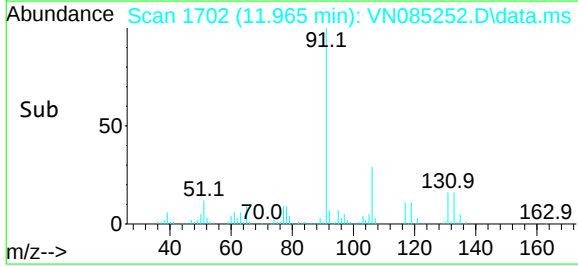
Instrument :
MSVOA_N
ClientSampleId :
ICV121824



Tgt Ion: 91 Resp: 402467
Ion Ratio Lower Upper
91 100
106 28.9 23.5 35.3

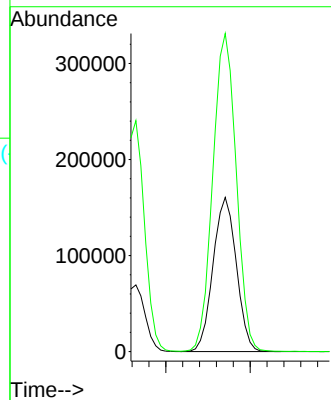
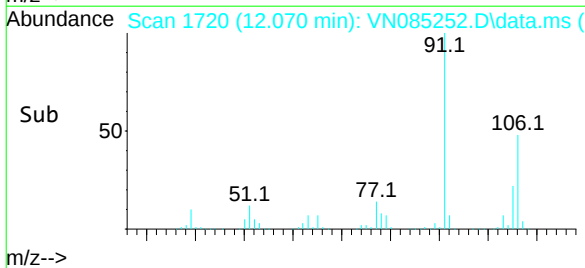
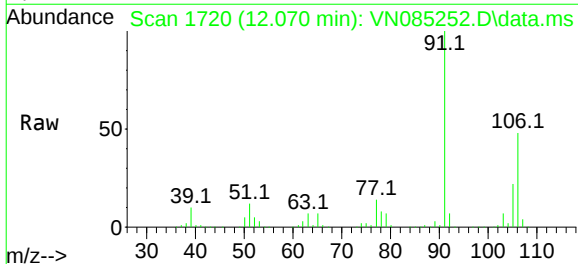
Manual Integrations
APPROVED

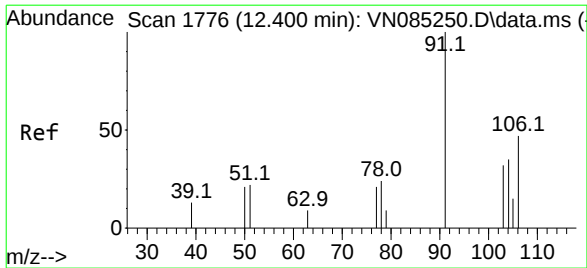
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#68
m/p-Xylenes
Concen: 114.719 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion:106 Resp: 307924
Ion Ratio Lower Upper
106 100
91 207.0 168.3 252.5





#69

o-Xylene

Concen: 57.023 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICV121824

Tgt Ion:106 Resp: 143866

Ion Ratio Lower Upper

106 100

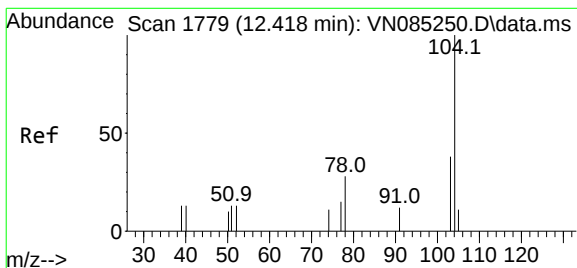
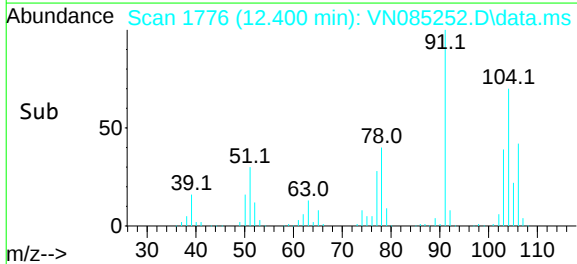
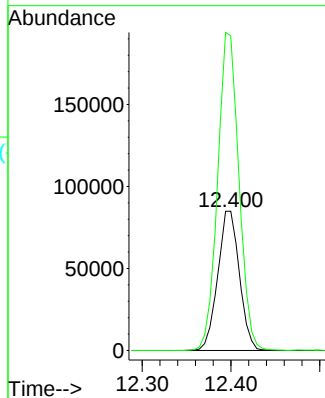
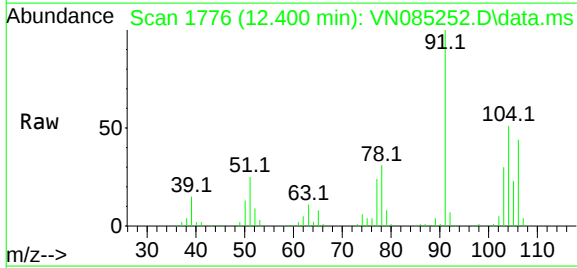
91 224.5 112.1 336.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#70

Styrene

Concen: 60.003 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

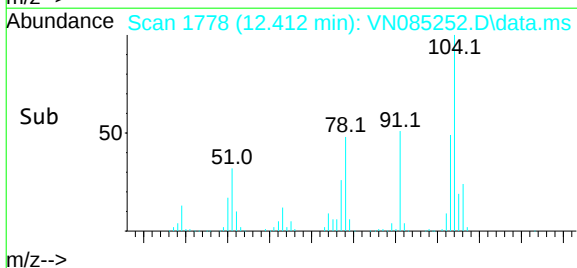
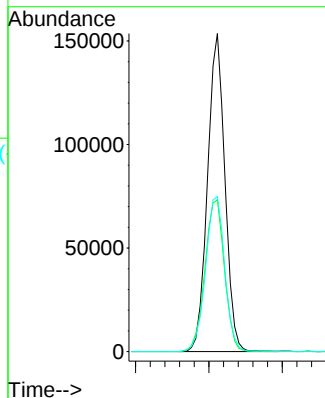
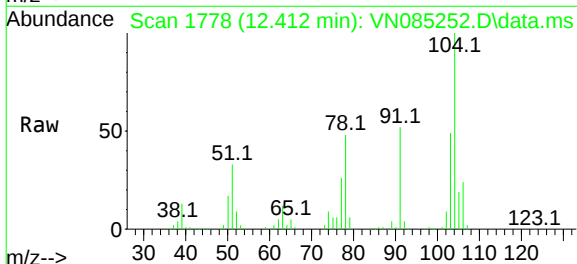
Tgt Ion:104 Resp: 252729

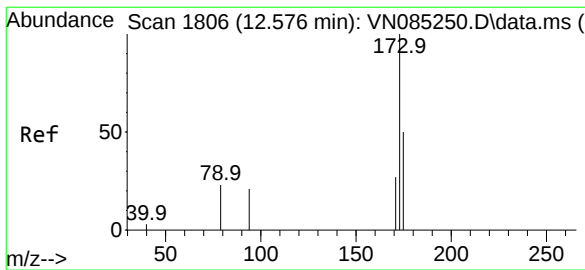
Ion Ratio Lower Upper

104 100

78 53.5 43.2 64.8

103 53.9 44.6 66.8





#71

Bromoform

Concen: 55.061 ug/l

RT: 12.576 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121824

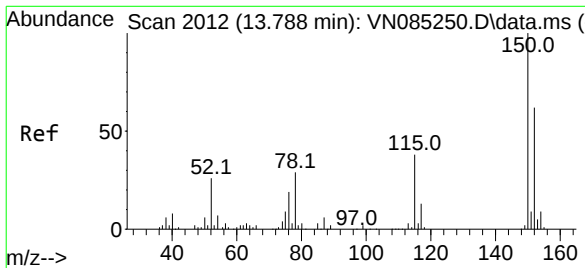
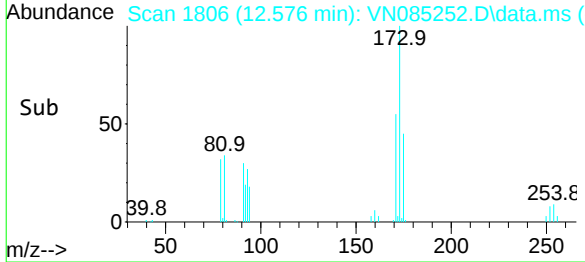
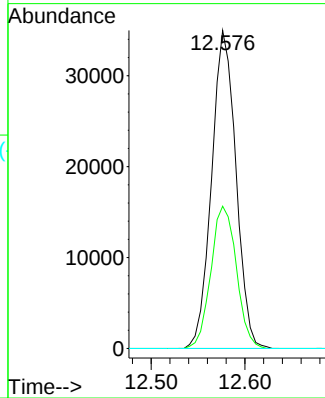
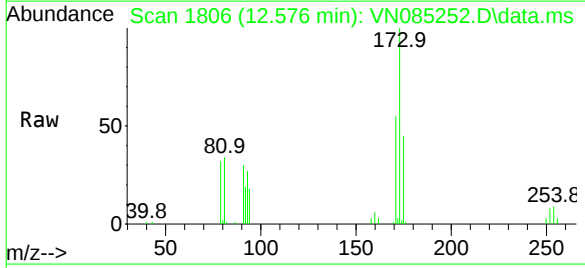
Tgt Ion:	173	Resp:	63048
Ion Ratio	Lower	Upper	
173	100		
175	46.9	24.5	73.5
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

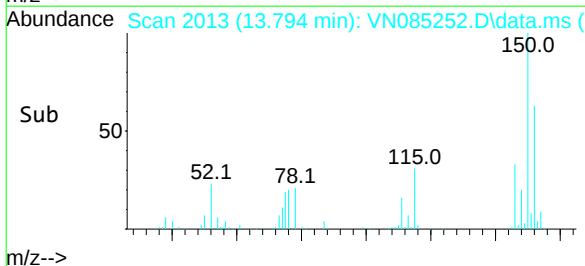
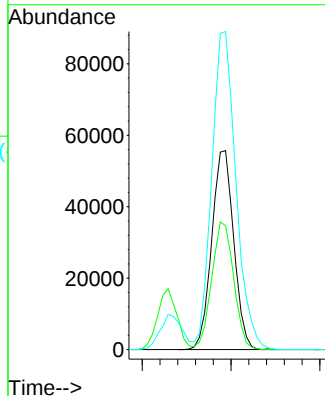
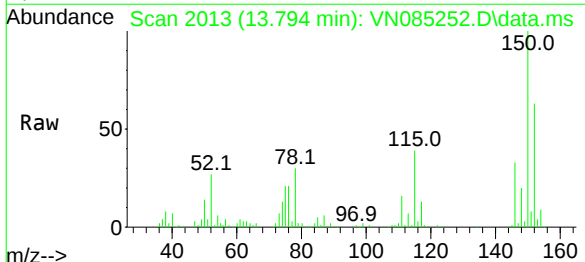
RT: 13.794 min Scan# 2013

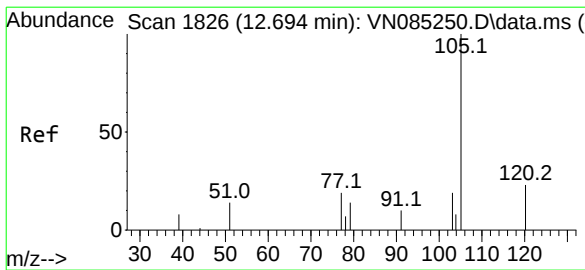
Delta R.T. 0.006 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Tgt Ion:	152	Resp:	96041
Ion Ratio	Lower	Upper	
152	100		
115	63.7	32.1	96.3
150	175.2	0.0	354.6





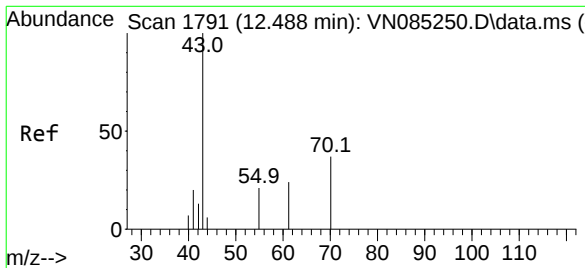
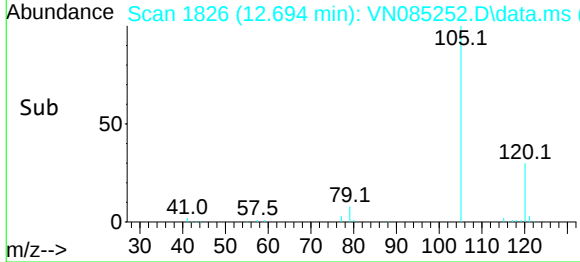
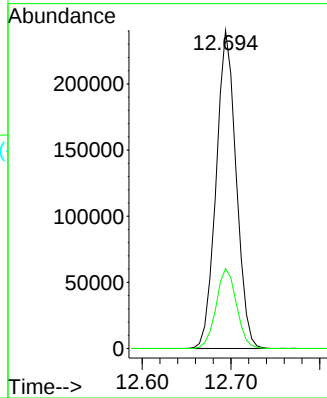
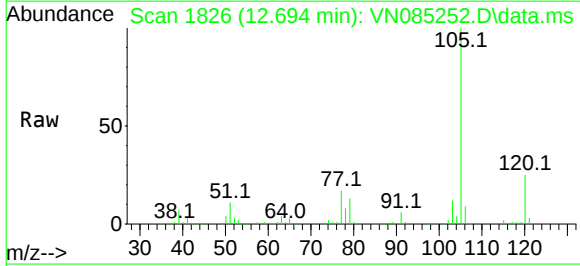
#73
Isopropylbenzene
Concen: 54.303 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument : MSVOA_N
ClientSampleId : ICVVN121824

Tgt Ion: 105 Resp: 376220
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9

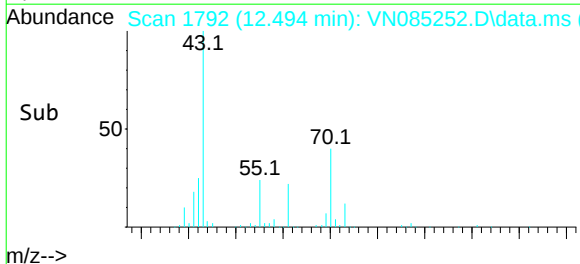
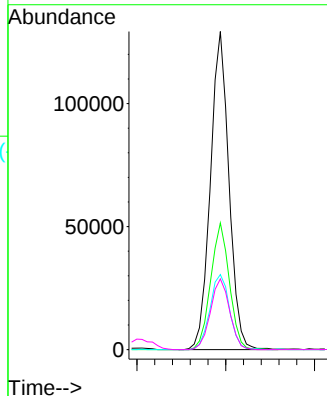
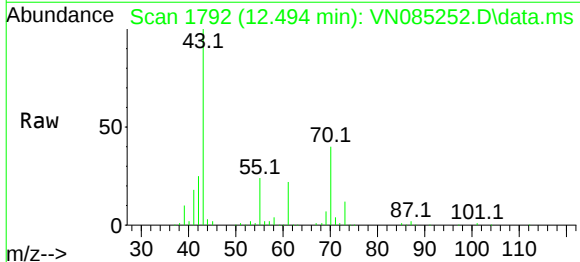
Manual Integrations
APPROVED

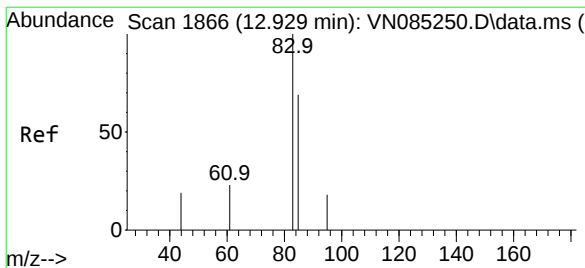
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#74
N-ethyl acetate
Concen: 54.159 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 43 Resp: 187408
Ion Ratio Lower Upper
43 100
70 40.1 31.5 47.3
55 24.9 19.0 28.4
61 22.9 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.027 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121824

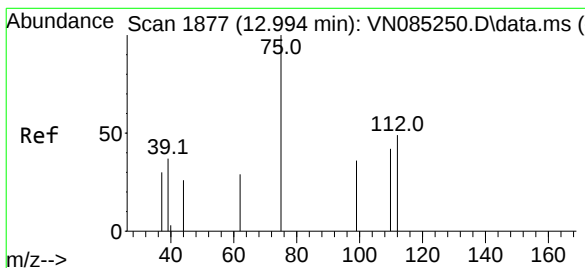
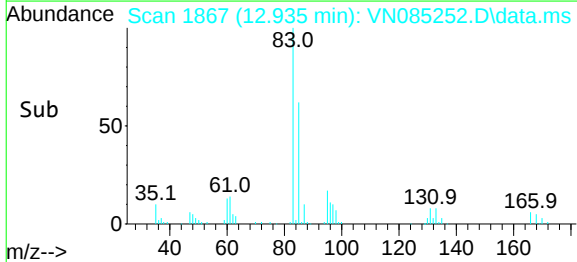
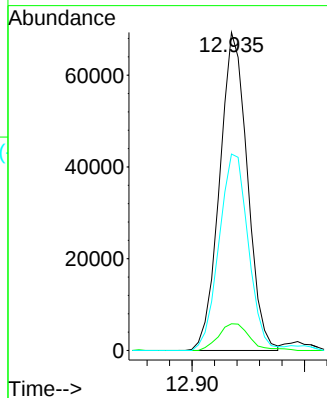
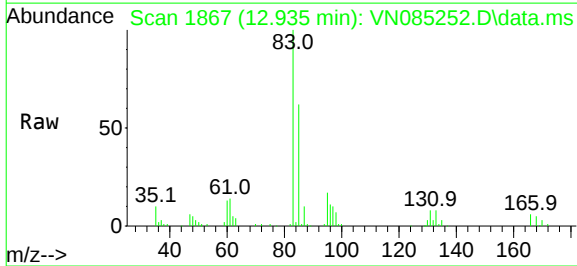
Tgt Ion:	83	Resp:	118555
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.1
85	65.3	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#76

1,2,3-Trichloropropane

Concen: 50.339 ug/l m

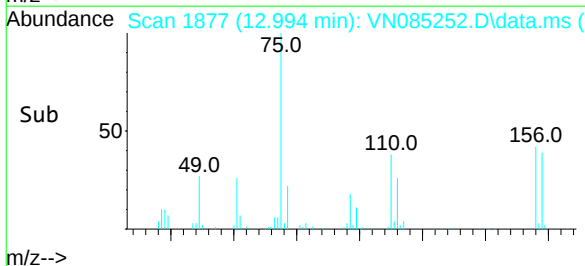
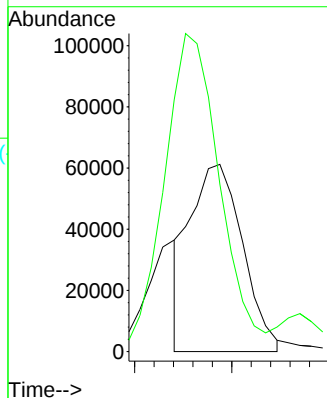
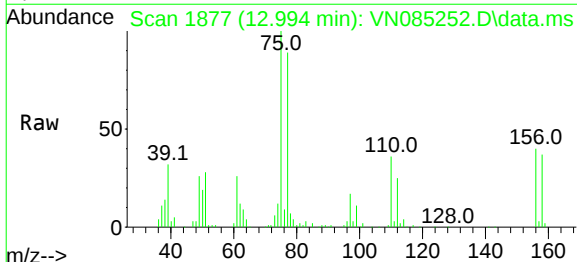
RT: 12.994 min Scan# 1877

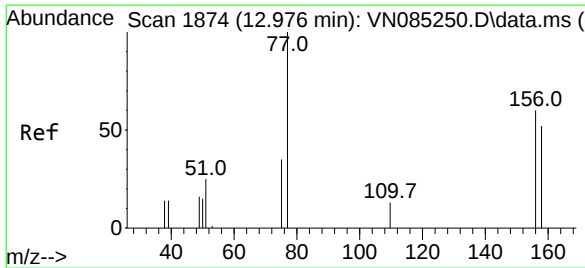
Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

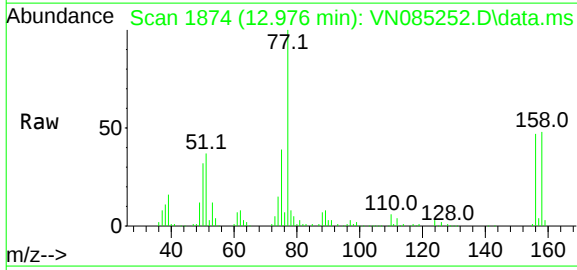
Tgt Ion:	75	Resp:	115241
Ion	Ratio	Lower	Upper
75	100		
77	178.8	102.6	307.7





#77
Bromobenzene
Concen: 47.993 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

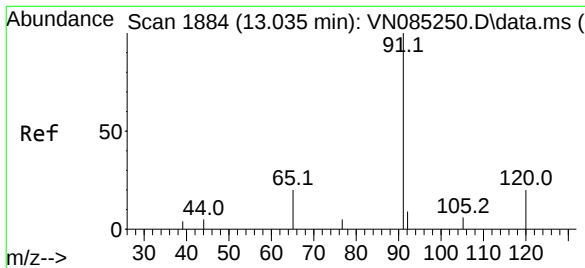
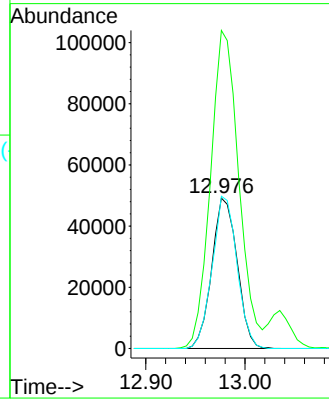
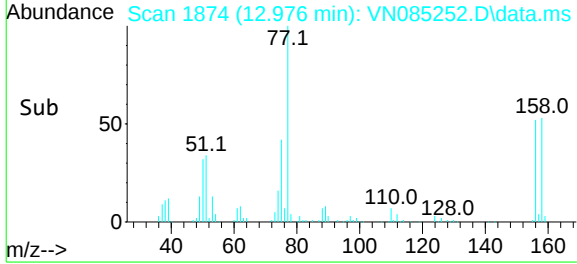
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824



Tgt Ion: 156 Resp: 87301
Ion Ratio Lower Upper
156 100
77 236.0 115.8 347.3
158 99.1 47.9 143.7

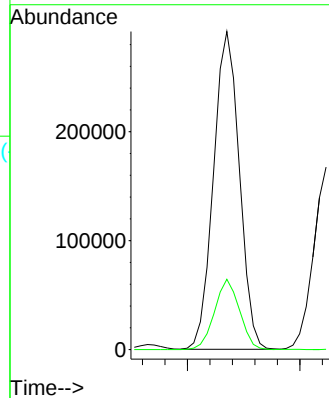
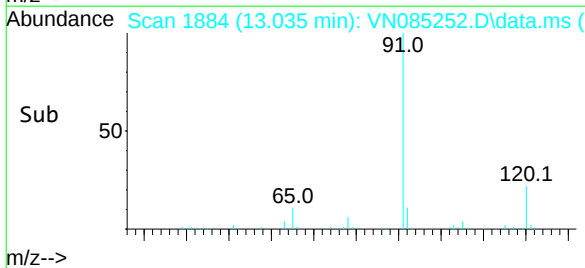
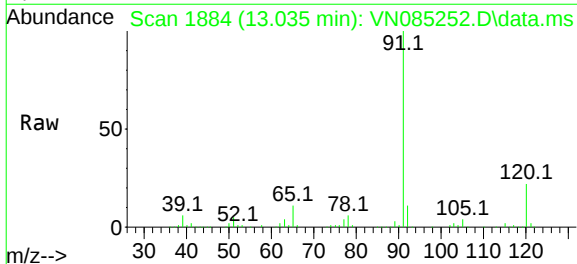
Manual Integrations
APPROVED

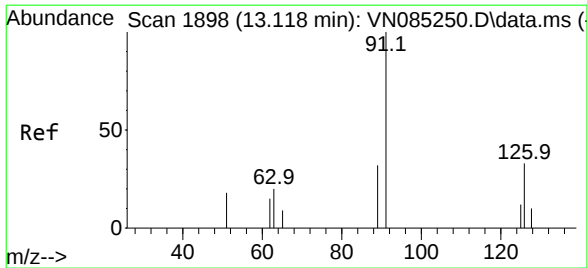
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#78
n-propylbenzene
Concen: 54.923 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 91 Resp: 466664
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.3





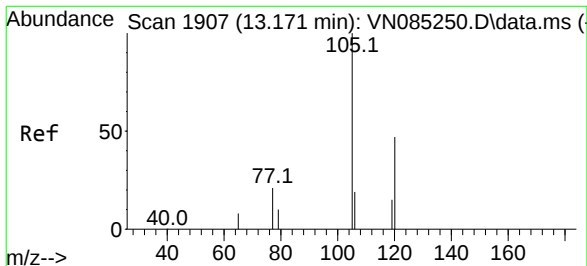
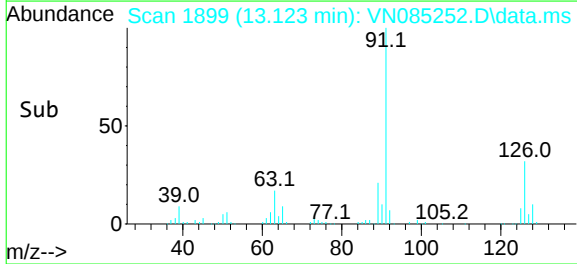
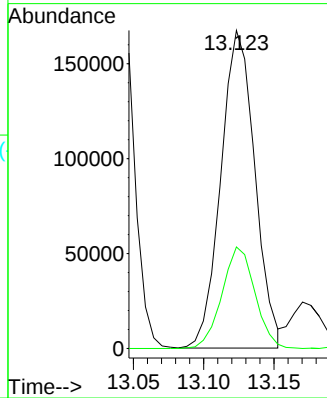
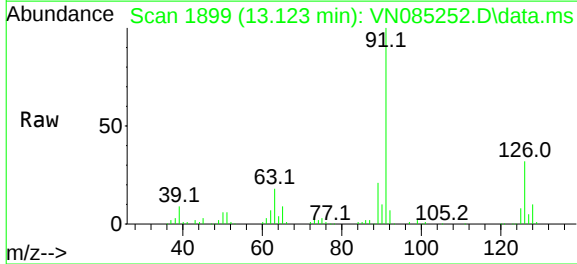
#79
2-Chlorotoluene
Concen: 52.185 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824

Tgt Ion: 91 Resp: 281525
Ion Ratio Lower Upper
91 100
126 31.0 15.2 45.5

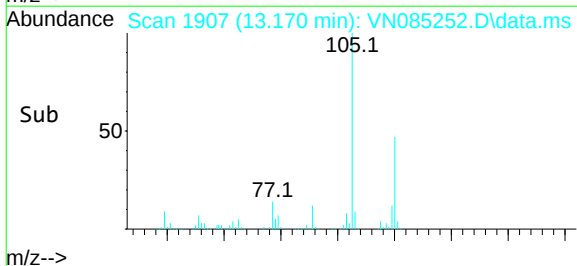
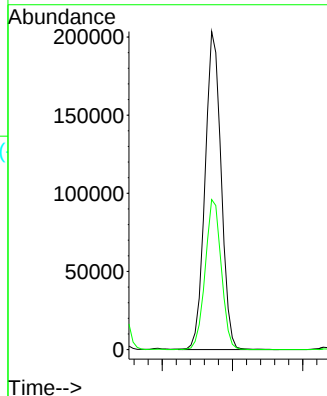
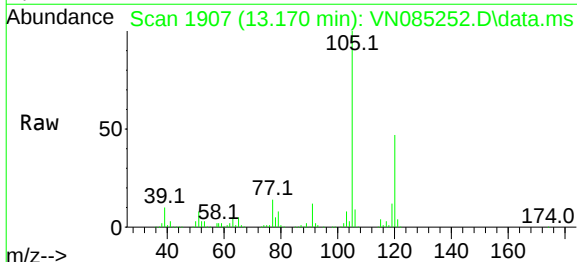
Manual Integrations
APPROVED

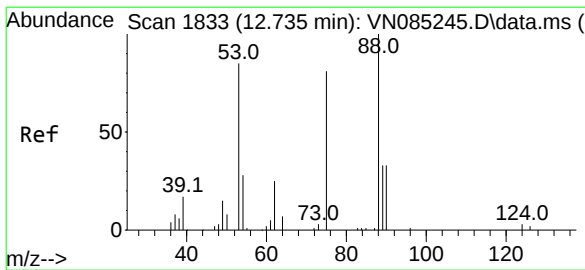
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 55.885 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

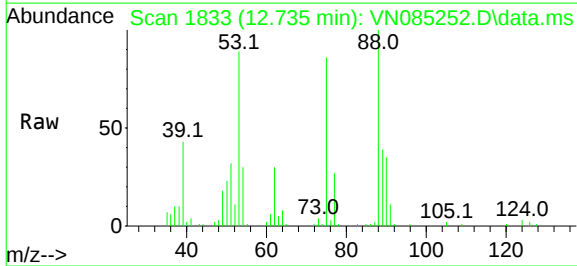
Tgt Ion:105 Resp: 322948
Ion Ratio Lower Upper
105 100
120 47.2 23.4 70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 51.405 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

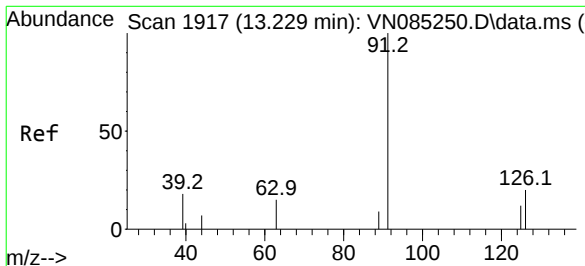
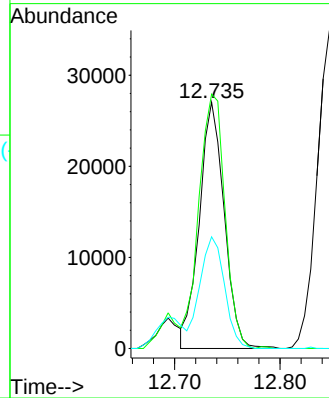
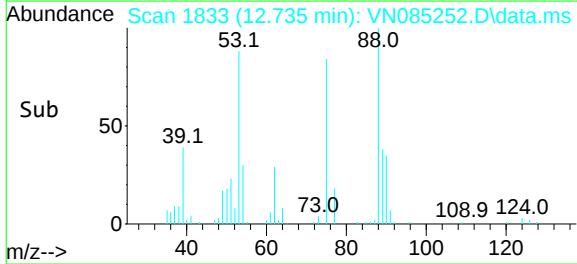
Instrument : MSVOA_N
ClientSampleId : ICVVN121824



Tgt Ion: 75 Resp: 44319
Ion Ratio Lower Upper
75 100
53 108.3 84.9 127.3
89 44.8 37.9 56.9

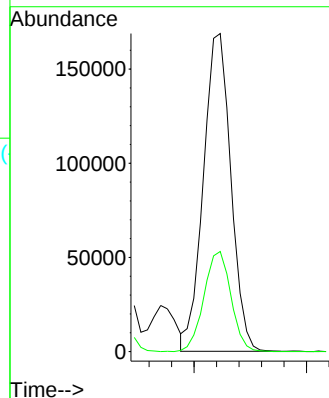
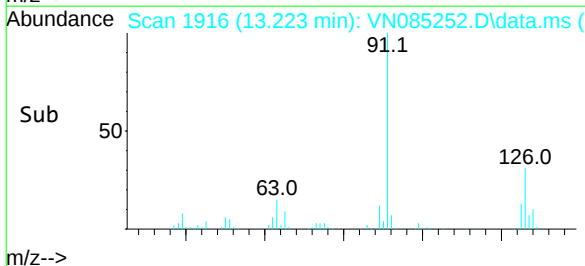
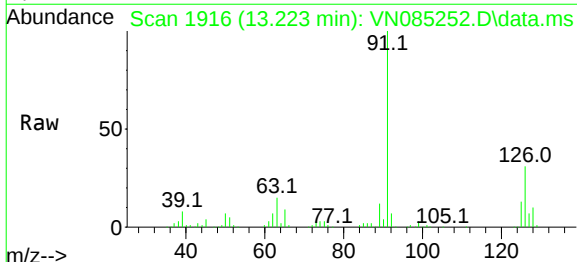
Manual Integrations
APPROVED

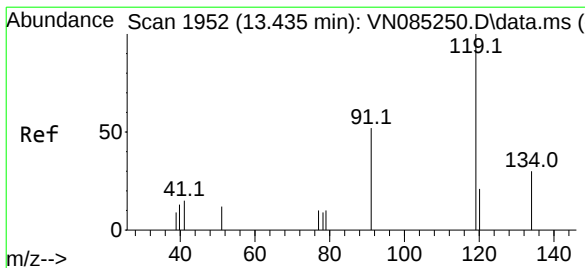
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#82
4-Chlorotoluene
Concen: 52.442 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 91 Resp: 286287
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.8





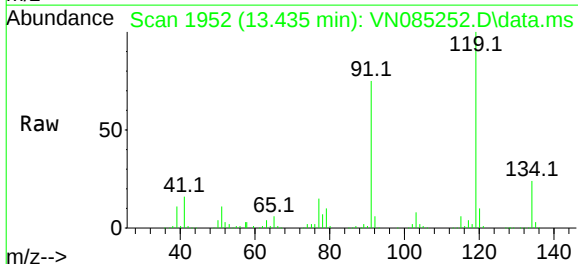
#83
tert-Butylbenzene
Concen: 55.108 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

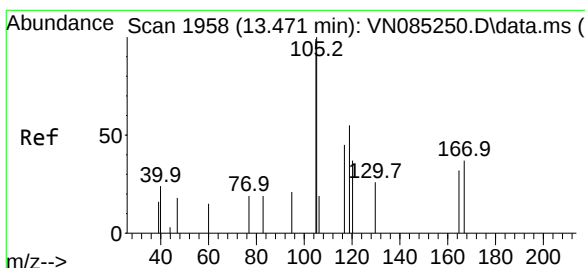
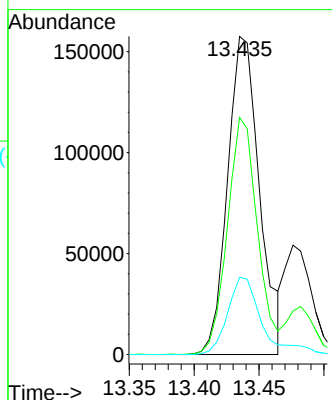
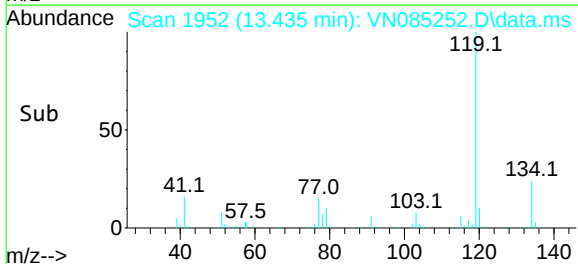
ICVVN121824



Tgt Ion:119 Resp: 270071
Ion Ratio Lower Upper
119 100
91 70.3 36.3 108.7
134 25.9 12.2 36.6

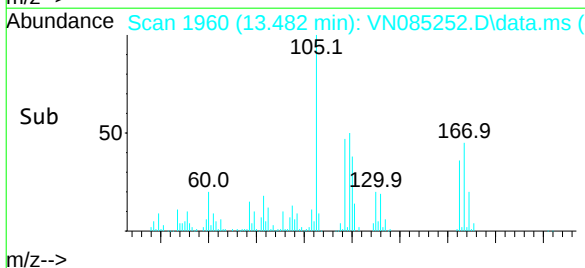
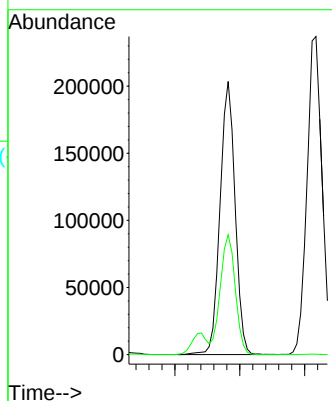
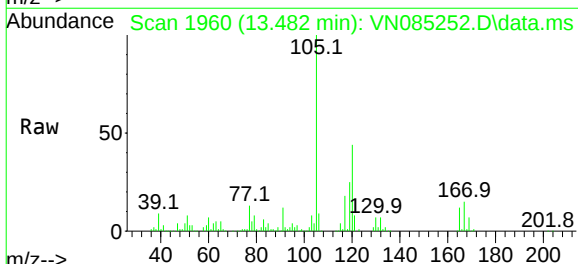
Manual Integrations
APPROVED

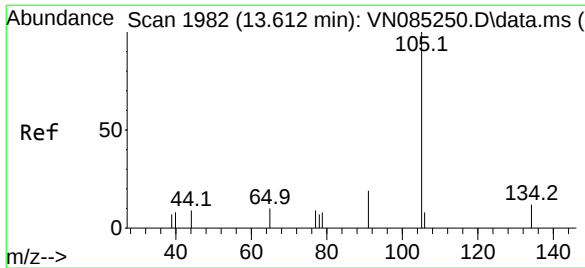
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 55.555 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion:105 Resp: 328162
Ion Ratio Lower Upper
105 100
120 43.9 21.8 65.3





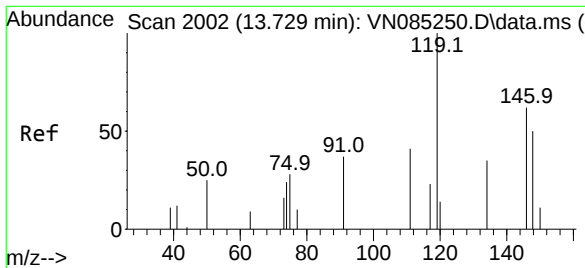
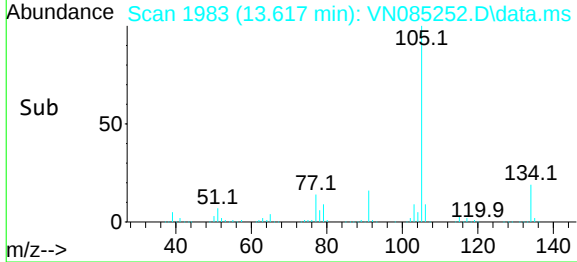
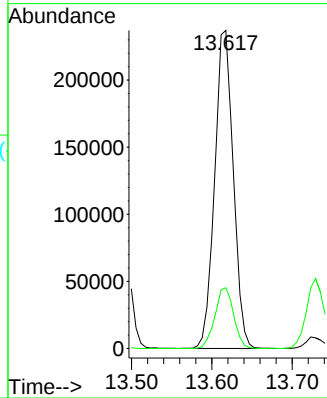
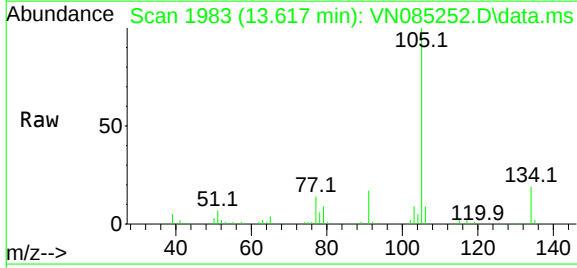
#85
sec-Butylbenzene
Concen: 55.931 ug/l
RT: 13.617 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824

Tgt Ion:105 Resp: 382146
Ion Ratio Lower Upper
105 100
134 19.2 9.4 28.3

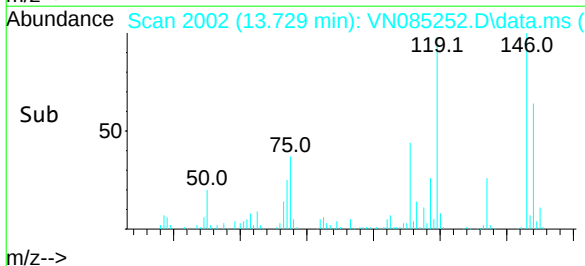
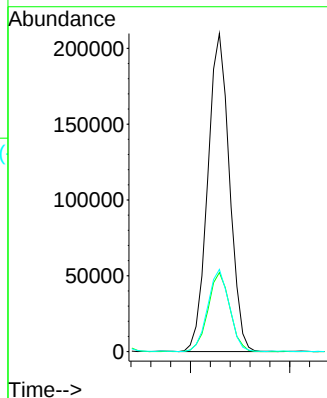
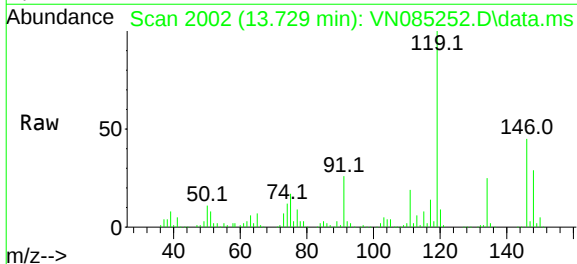
Manual Integrations
APPROVED

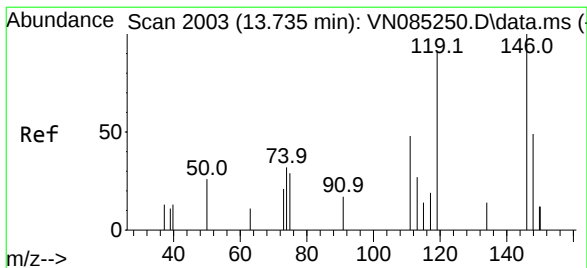
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#86
p-Isopropyltoluene
Concen: 48.357 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Tgt Ion:119 Resp: 319260
Ion Ratio Lower Upper
119 100
134 24.9 12.5 37.5
91 25.7 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 49.112 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICNVN121824

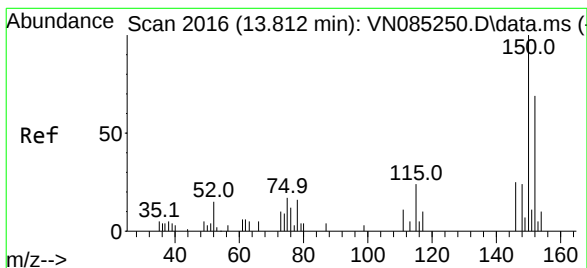
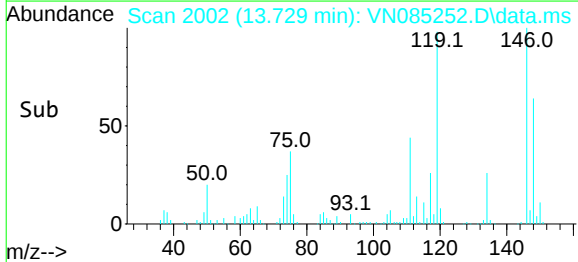
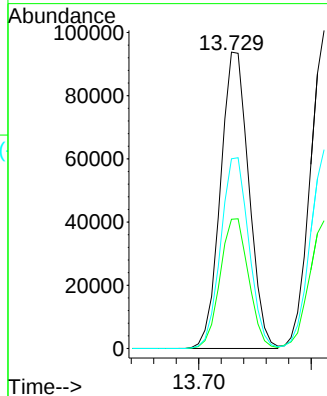
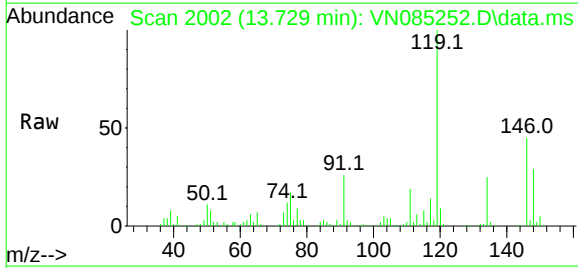
Tgt Ion:	146	Resp:	164519
Ion Ratio	Lower	Upper	
146	100		
111	43.8	21.5	64.5
148	63.8	31.4	94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#88

1,4-Dichlorobenzene

Concen: 47.820 ug/l

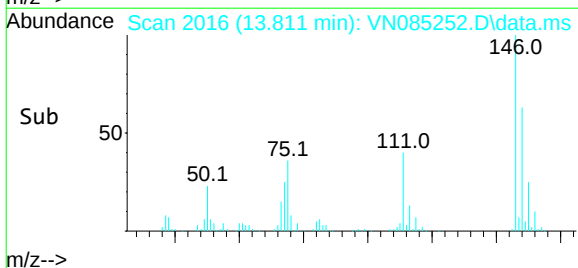
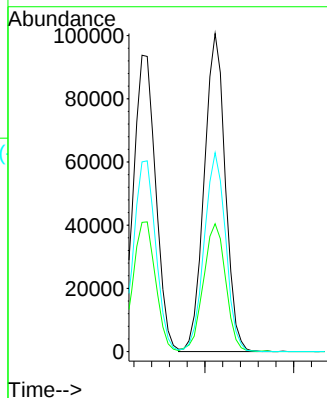
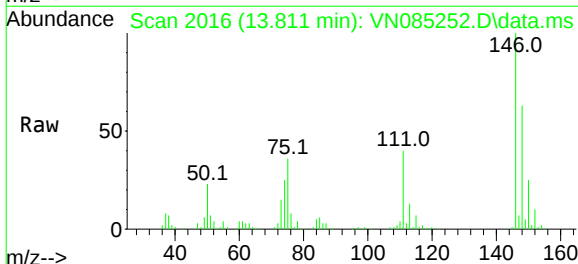
RT: 13.811 min Scan# 2016

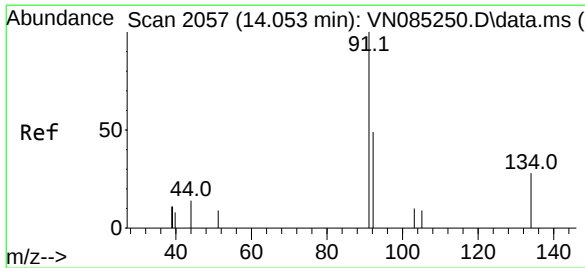
Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Tgt Ion:	146	Resp:	165750
Ion Ratio	Lower	Upper	
146	100		
111	42.4	20.8	62.5
148	63.7	31.9	95.9





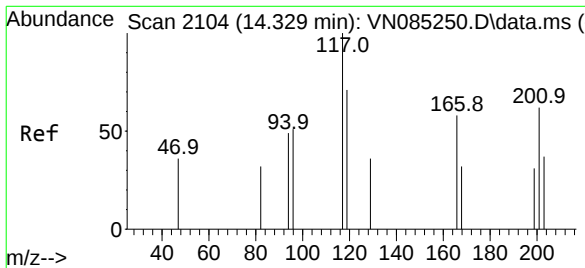
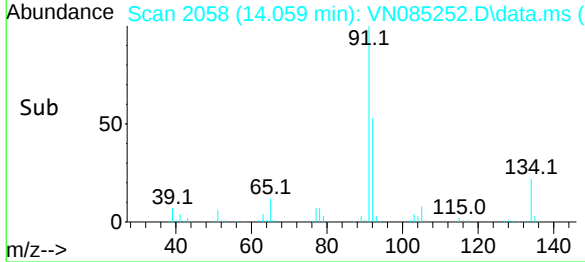
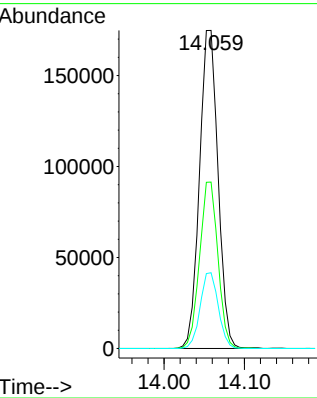
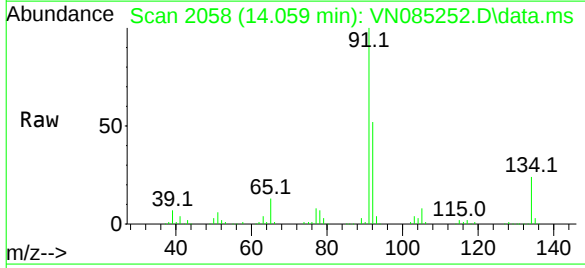
#89
n-Butylbenzene
Concen: 55.826 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824

Tgt Ion: 91 Resp: 280501
Ion Ratio Lower Upper
91 100
92 51.8 25.8 77.3
134 23.3 12.0 36.0

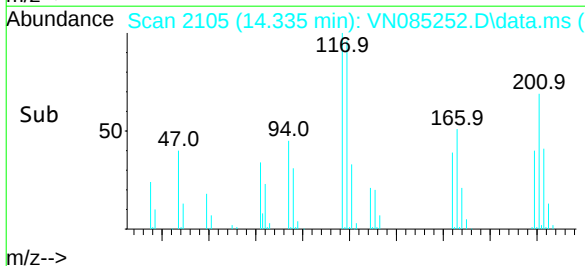
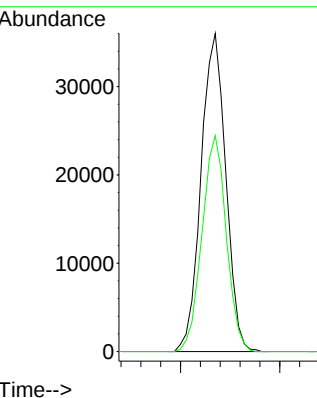
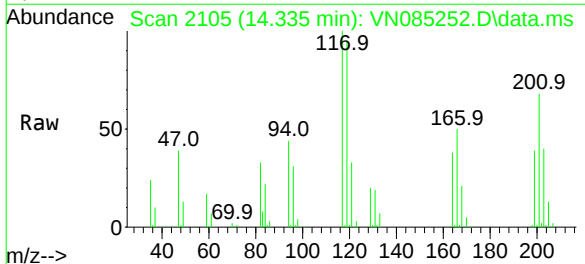
Manual Integrations
APPROVED

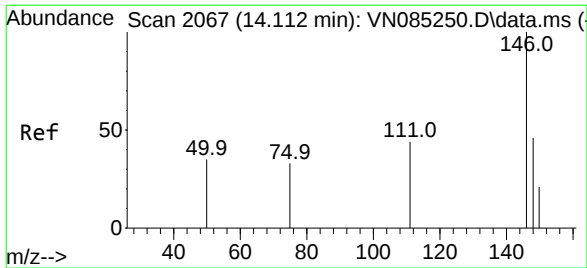
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#90
Hexachloroethane
Concen: 49.700 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

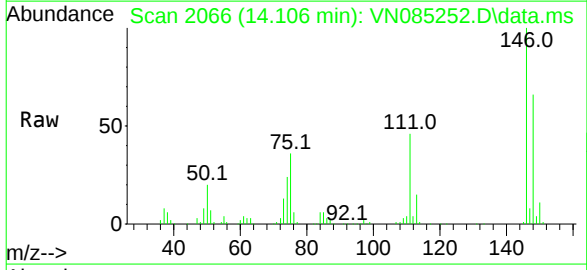
Tgt Ion:117 Resp: 62380
Ion Ratio Lower Upper
117 100
201 66.6 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 51.948 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28

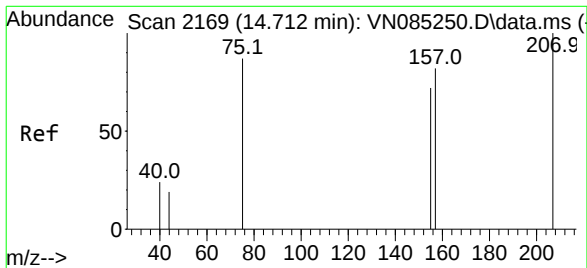
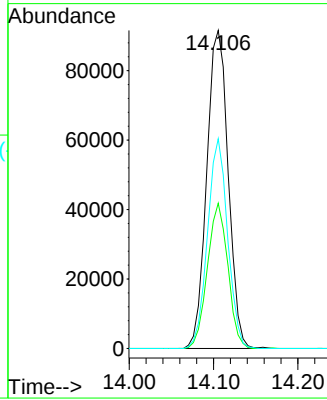
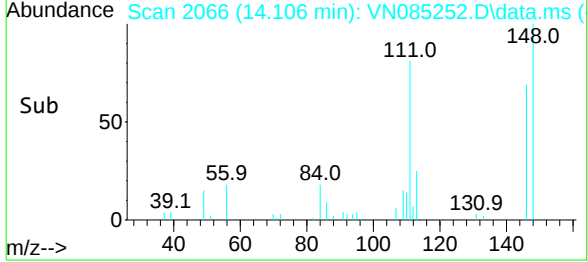
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121824



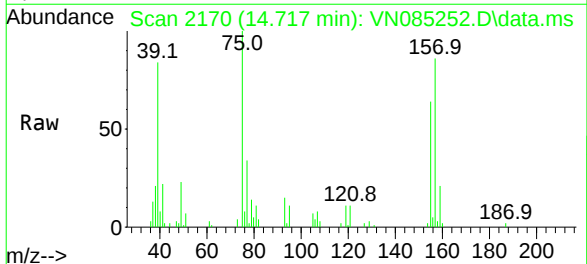
Tgt Ion:146 Resp: 161855
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.1
148 61.8 31.9 95.9

Manual Integrations
APPROVED

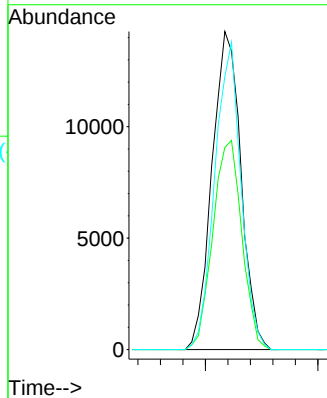
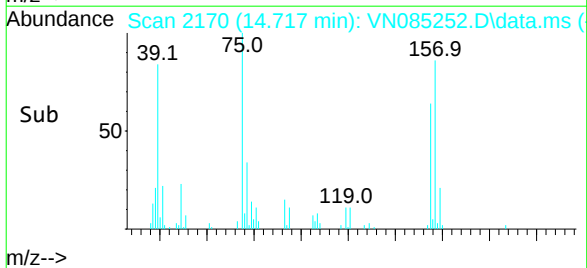
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

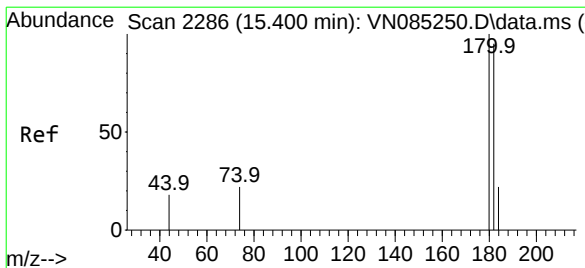


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.825 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085252.D
Acq: 18 Dec 2024 15:28



Tgt Ion: 75 Resp: 25480
Ion Ratio Lower Upper
75 100
155 65.9 35.4 106.2
157 87.7 43.3 129.9





#93

1,2,4-Trichlorobenzene

Concen: 47.537 ug/l

RT: 15.394 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VN085252.D

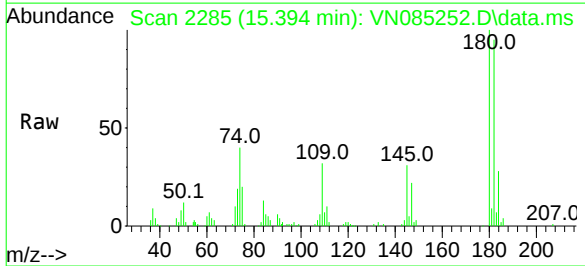
Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVNV121824



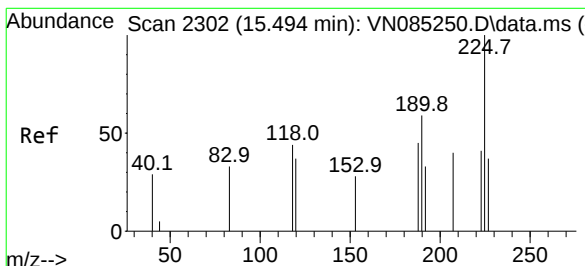
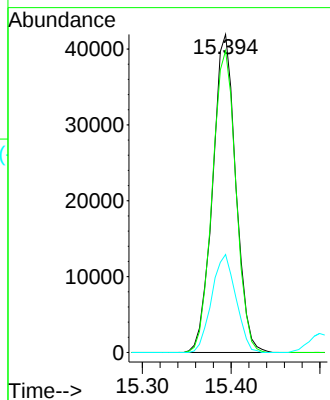
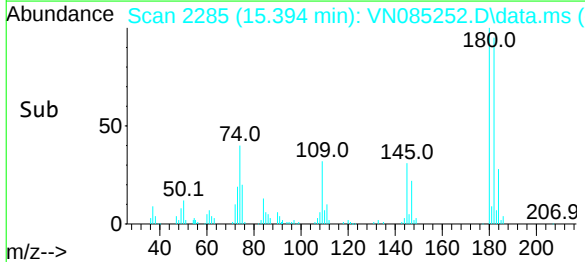
Tgt Ion:	180	Resp:	75818
Ion Ratio	Lower	Upper	
180	100		
182	96.4	46.3	138.8
145	32.3	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#94

Hexachlorobutadiene

Concen: 44.747 ug/l

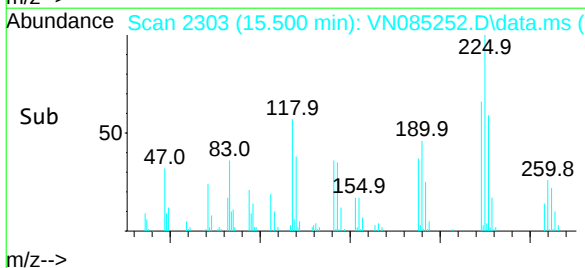
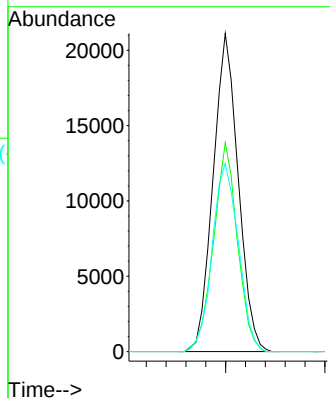
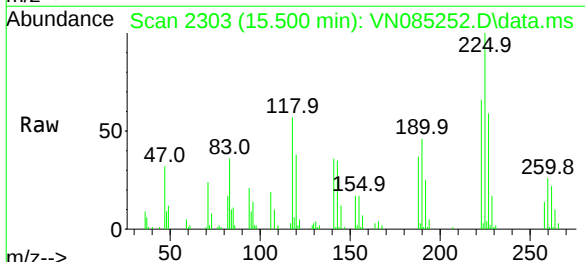
RT: 15.500 min Scan# 2303

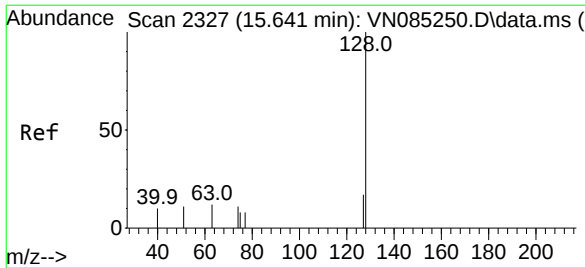
Delta R.T. 0.006 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Tgt Ion:	225	Resp:	37092
Ion Ratio	Lower	Upper	
225	100		
223	62.3	34.1	102.2
227	61.8	33.2	99.6





#95

Naphthalene

Concen: 47.325 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121824

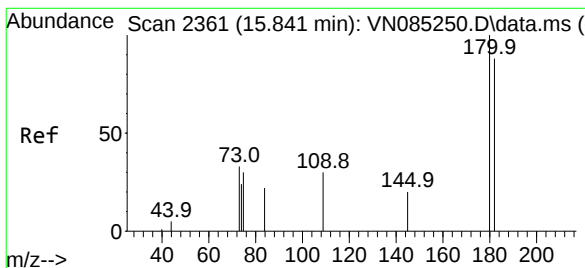
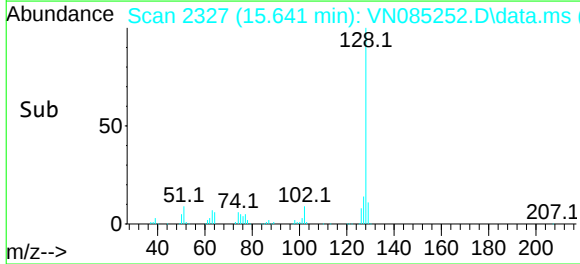
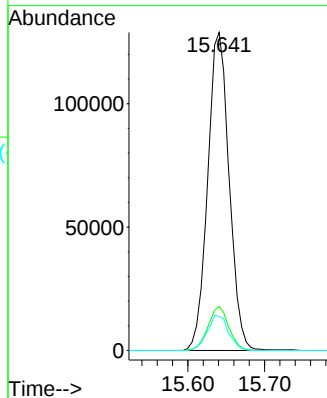
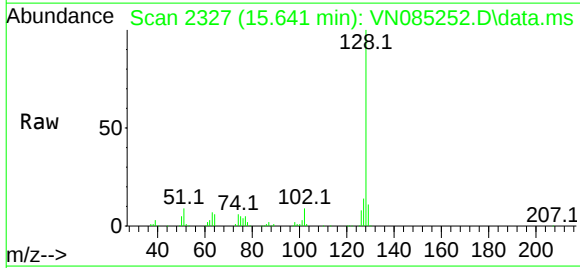
Tgt Ion:	128	Resp:	249960
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 46.927 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085252.D

Acq: 18 Dec 2024 15:28

Tgt Ion:	180	Resp:	74756
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.9	140.6
145	34.8	17.6	52.8

