Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
Data File : VN084341.D
Acq On : 08 Oct 2024 11:19
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

Quant Time: Oct 09 02:09:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:04:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Bromochloromethane	7.812	128	33135	30.000 ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	182092	30.000 ug/l	0.00
57) Chlorobenzene-d5	11.865	117	168912	30.000 ug/l	0.00
System Monitoring Compounds					
27) 1,2-Dichloroethane-d4	8.577	65	80437	30.153 ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery	= 100.500%	
60) 4-Bromofluorobenzene	12.847	95	78531	28.170 ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery	= 93.900%	
63) Toluene-d8	10.565	98	237159	30.307 ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery	= 101.033%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.130	85	10592	5.236 ug/l	94
3) Chloromethane	2.359	50	11862	5.153 ug/l	93
4) Vinyl Chloride	2.512	62	11670	5.169 ug/l	90
5) Bromomethane	2.953	94	9027	6.035 ug/l	96
6) Chloroethane	3.118	64	8876	5.997 ug/l	92
7) Trichlorofluoromethane	3.500	101	19359	5.264 ug/l	91
8) Diethyl Ether	3.959	74	6806m	5.034 ug/l	
9) 1,1,2-Trichlorotrifluo...	4.377	101	10938	5.290 ug/l	70
10) 1,1-Dichloroethene	4.342	96	10884	5.275 ug/l	97
11) Methyl Iodide	4.595	142	13135	4.845 ug/l	98
12) Methyl Acetate	5.030	43	12264	4.748 ug/l	97
13) Acrolein	4.183	56	12398	25.840 ug/l	93
14) Acrylonitrile	5.730	53	28276m	24.367 ug/l	
15) Acetone	4.436	58	7318	22.077 ug/l	94
16) Carbon Disulfide	4.706	76	33723	5.489 ug/l	98
17) Allyl chloride	5.030	41	16359	4.891 ug/l	97
18) Methylene Chloride	5.277	84	12168m	5.235 ug/l	
19) trans-1,2-Dichloroethene	5.783	96	11347	5.197 ug/l	86
20) Diisopropyl ether	6.677	45	34552	4.805 ug/l #	93
21) 1,1-Dichloroethane	6.571	63	21583	5.231 ug/l	93
22) cis-1,2-Dichloroethene	7.483	96	12611	4.963 ug/l	96
23) tert-Butyl Alcohol	5.524	59	11110	24.960 ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	33238	4.821 ug/l #	91
25) Chloroform	7.971	83	21052	5.038 ug/l	92
26) Cyclohexane	8.259	56	16244	4.707 ug/l #	96
29) 1,1-Dichloropropene	8.371	75	14635	4.896 ug/l	99
30) 2-Butanone	7.488	43	36686	23.051 ug/l #	98
31) 2,2-Dichloropropane	7.494	77	16984	4.835 ug/l #	78
32) 1,1,1-Trichloroethane	8.159	97	18852m	4.934 ug/l	
33) Carbon Tetrachloride	8.365	117	16613	5.019 ug/l	91
34) Benzene	8.600	78	47206	5.045 ug/l #	80
35) Methacrylonitrile	7.771	41	7020m	4.135 ug/l	
36) 1,2-Dichloroethane	8.671	62	15630	5.011 ug/l	100
37) Trichloroethene	9.353	130	10715	4.973 ug/l	96
38) Methylcyclohexane	9.600	83	14911	4.541 ug/l	92
39) 1,2-Dichloropropane	9.618	63	11390	4.992 ug/l	90
40) Dibromomethane	9.706	93	8154	5.113 ug/l	98
41) Bromodichloromethane	9.882	83	16959	5.009 ug/l	93
42) Vinyl Acetate	6.606	43	127008	22.946 ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
Data File : VN084341.D
Acq On : 08 Oct 2024 11:19
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 09 02:09:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:04:33 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43)	Ethyl Acetate	7.565	43	15009m	4.782	ug/l		
44)	Isopropyl Acetate	8.694	43	23240	4.524	ug/l		100
45)	1,4-Dioxane	9.694	88	4149	89.589	ug/l		97
46)	Methyl methacrylate	9.682	41	11210	4.516	ug/l		88
47)	n-amyl Acetate	12.494	43	19132	4.187	ug/l		98
48)	t-1,3-Dichloropropene	10.841	75	17119	4.893	ug/l		92
49)	cis-1,3-Dichloropropene	10.312	75	16720	4.560	ug/l	#	86
50)	1,1,2-Trichloroethane	11.018	97	10856	5.065	ug/l		92
51)	Ethyl methacrylate	10.871	69	14547	4.109	ug/l		90
52)	1,3-Dichloropropane	11.165	76	18781	5.011	ug/l		98
53)	Dibromochloromethane	11.353	129	12356	4.880	ug/l		99
54)	1,2-Dibromoethane	11.471	107	10689	4.844	ug/l		98
55)	2-Chloroethyl vinyl ether	10.159	63	33972	21.155	ug/l		97
56)	Bromoform	12.576	173	7936	4.725	ug/l	#	92
58)	4-Methyl-2-Pentanone	10.447	43	72827	23.145	ug/l		97
59)	2-Hexanone	11.194	43	51606	22.071	ug/l		97
61)	Tetrachloroethene	11.100	164	10061	5.266	ug/l		93
62)	Toluene	10.629	91	49743	5.030	ug/l		97
64)	Chlorobenzene	11.888	112	31991	5.199	ug/l		99
65)	1,1,1,2-Tetrachloroethane	11.965	131	10606	4.961	ug/l		98
66)	Ethyl Benzene	11.965	91	48285	4.494	ug/l		99
67)	m/p-Xylenes	12.070	106	36802	9.030	ug/l		99
68)	o-Xylene	12.400	106	18036	4.591	ug/l		94
69)	Styrene	12.412	104	29815	4.421	ug/l		97
70)	Isopropylbenzene	12.694	105	44677	4.455	ug/l		98
71)	1,1,2,2-Tetrachloroethane	12.935	83	15289	4.928	ug/l		99
72)	1,2,3-Trichloropropane	12.988	75	12720m	4.794	ug/l		
73)	Bromobenzene	12.982	156	11720	4.826	ug/l		97
74)	n-propylbenzene	13.035	91	52955	4.431	ug/l		98
75)	2-Chlorotoluene	13.123	91	34704	4.673	ug/l		98
76)	1,3,5-Trimethylbenzene	13.176	105	37234	4.410	ug/l		100
77)	t-1,4-Dichloro-2-butene	12.735	75	4820	4.245	ug/l		83
78)	4-Chlorotoluene	13.217	91	35132	4.653	ug/l		97
79)	tert-butylbenzene	13.435	119	31579	4.384	ug/l		98
80)	1,2,4-Trimethylbenzene	13.482	105	37927	4.427	ug/l		95
81)	sec-Butylbenzene	13.612	105	42859	4.321	ug/l		99
82)	p-Isopropyltoluene	13.729	119	36191	4.335	ug/l		100
83)	1,3-Dichlorobenzene	13.735	146	21112	4.675	ug/l		95
84)	1,4-Dichlorobenzene	13.812	146	22118	4.932	ug/l		97
85)	n-Butylbenzene	14.053	91	29988	4.148	ug/l		98
86)	Hexachloroethane	14.335	117	7779	4.837	ug/l		98
87)	1,2-Dichlorobenzene	14.106	146	21047	4.820	ug/l		99
88)	1,2-Dibromo-3-Chloropr...	14.717	75	2761	4.352	ug/l		94
89)	1,2,4-Trichlorobenzene	15.841	180	10483	4.618	ug/l		99
90)	Hexachlorobutadiene	15.500	225	6201	5.904	ug/l		98
91)	Naphthalene	15.641	128	30757	3.998	ug/l		99
92)	1,2,3-Trichlorobenzene	15.841	180	10483	4.618	ug/l		99

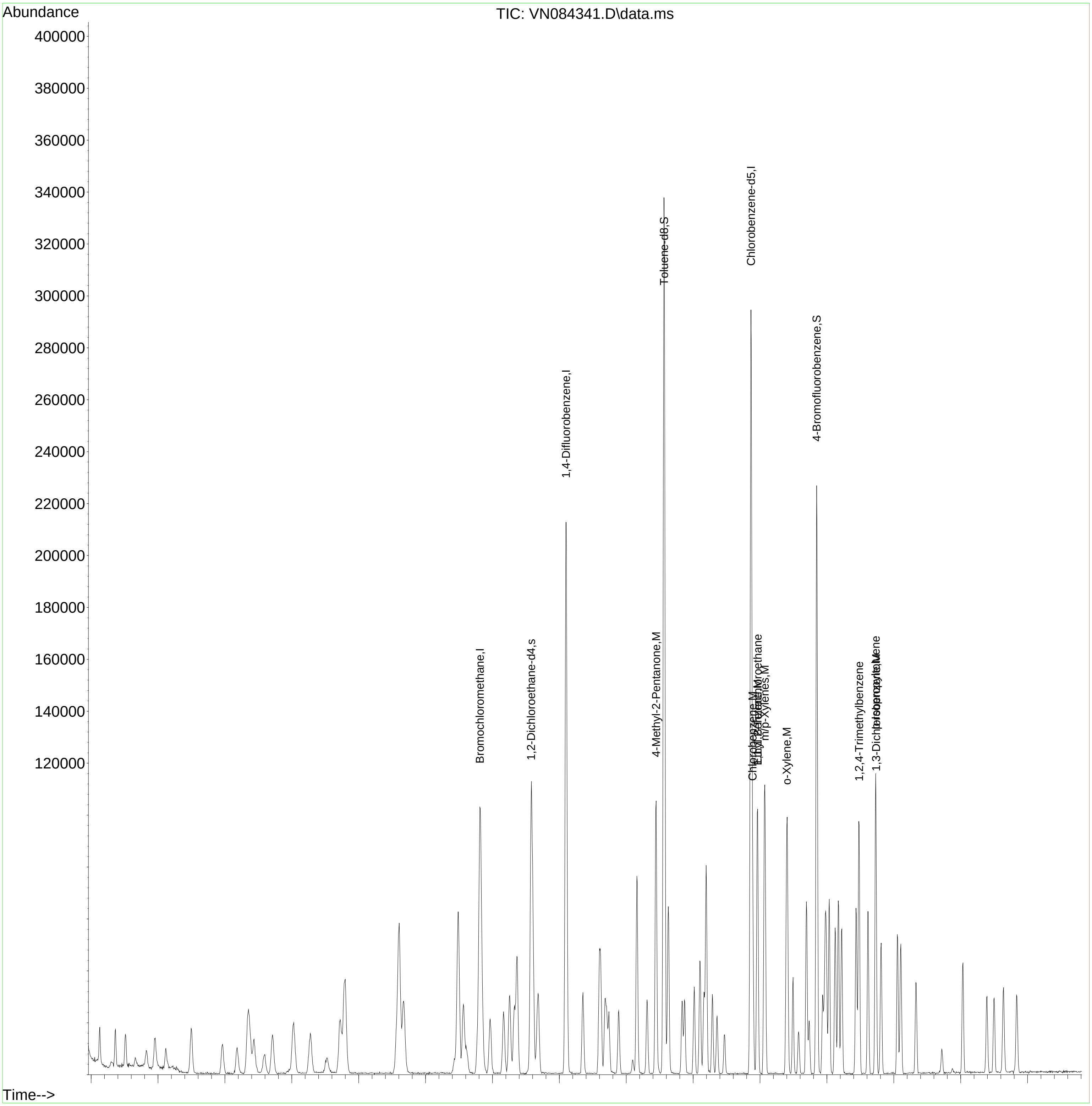
(#) = qualifier out of range (m) = manual integration (+) = signals summed

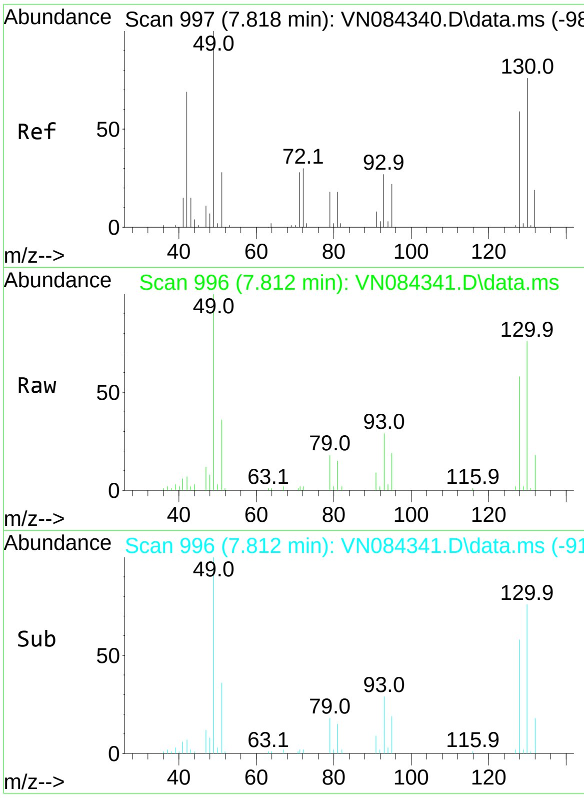
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
Data File : VN084341.D
Acq On    : 08 Oct 2024  11:19
Operator  : JC\MD
Sample    : VSTDICC005
Misc      : 5.0mL/MSVOA_N/WATER
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Oct 09 02:09:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title  : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:04:33 2024
Response via : Initial Calibration
```

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

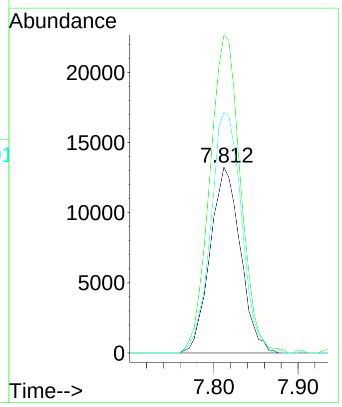
Tgt Ion:128 Resp: 33135

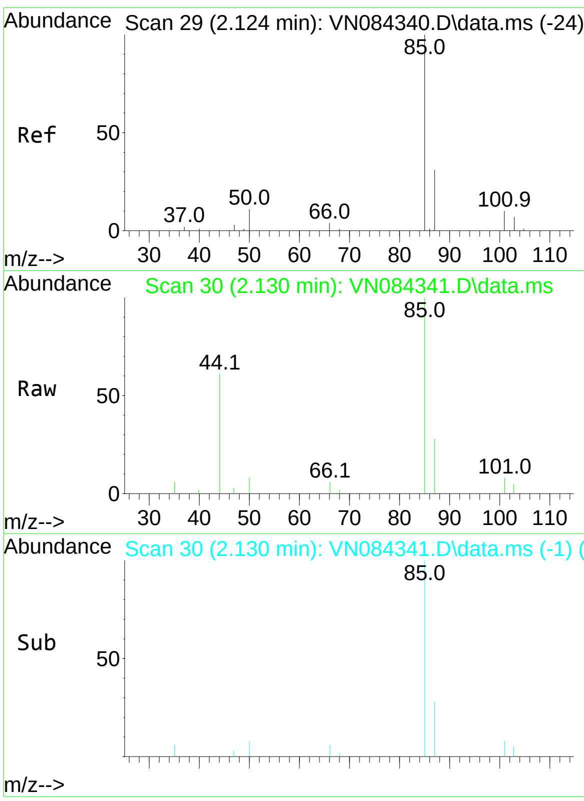
Ion	Ratio	Lower	Upper
128	100		
49	173.7	0.0	430.0
130	131.7	0.0	329.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

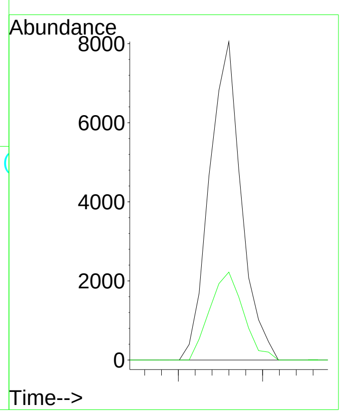


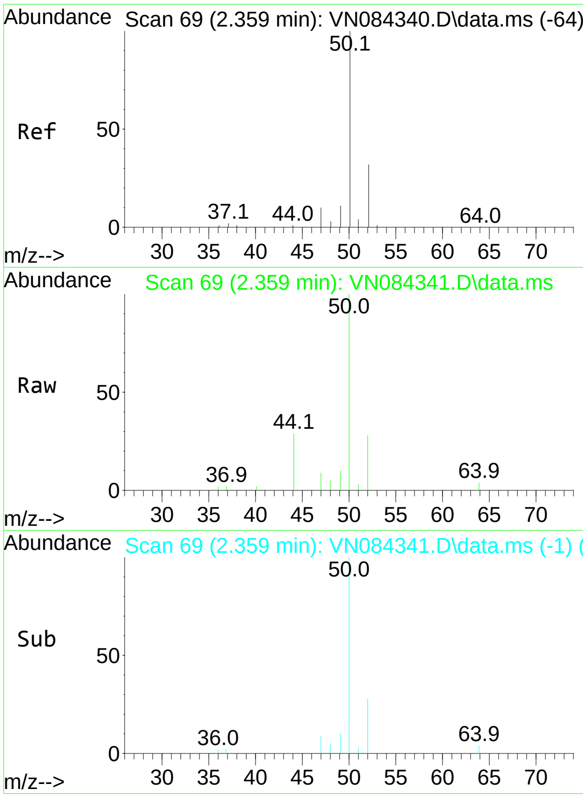


#2
Dichlorodifluoromethane
Concen: 5.236 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 85 Resp: 10592

Ion	Ratio	Lower	Upper
85	100		
87	27.6	15.4	46.4

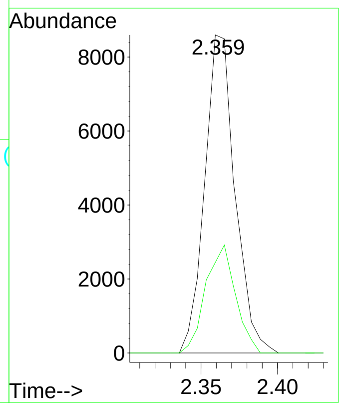




#3
Chloromethane
Concen: 5.153 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

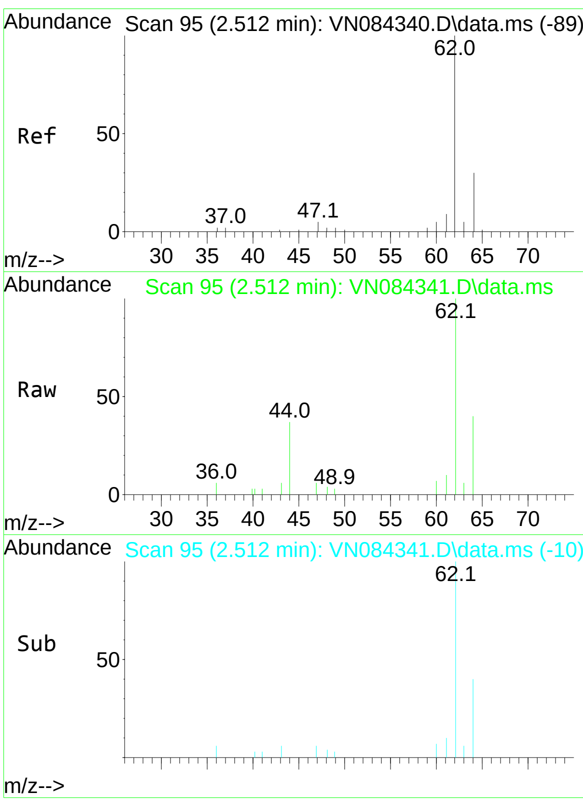
Tgt Ion: 50 Resp: 11862

Ion	Ratio	Lower	Upper
50	100		
52	28.5	25.8	38.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

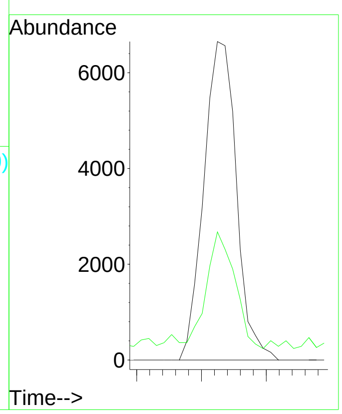
Manual Integrations
APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

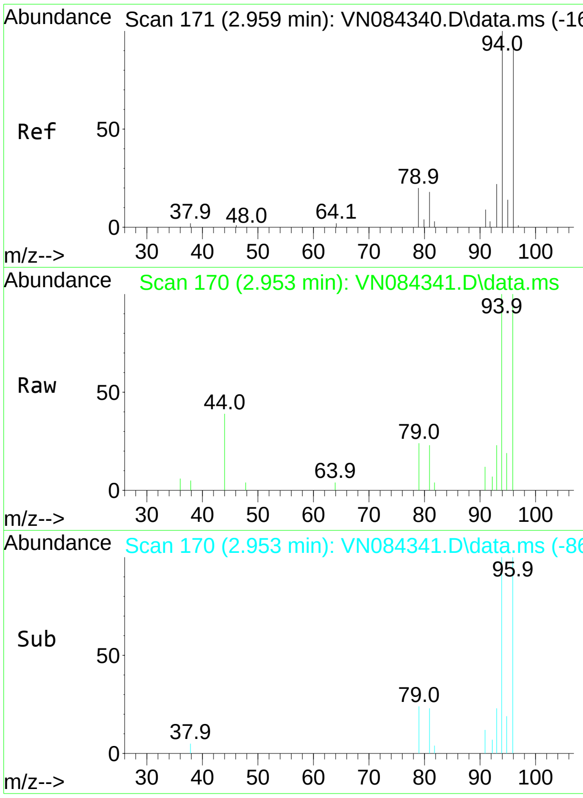


#4
Vinyl Chloride
Concen: 5.169 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 62 Resp: 11670

Ion	Ratio	Lower	Upper
62	100		
64	35.9	24.3	36.5





#5
Bromomethane
Concen: 6.035 ug/l
RT: 2.953 min Scan# 17
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

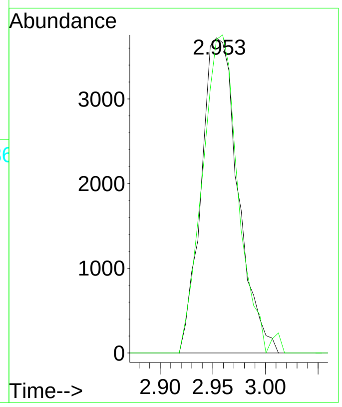
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

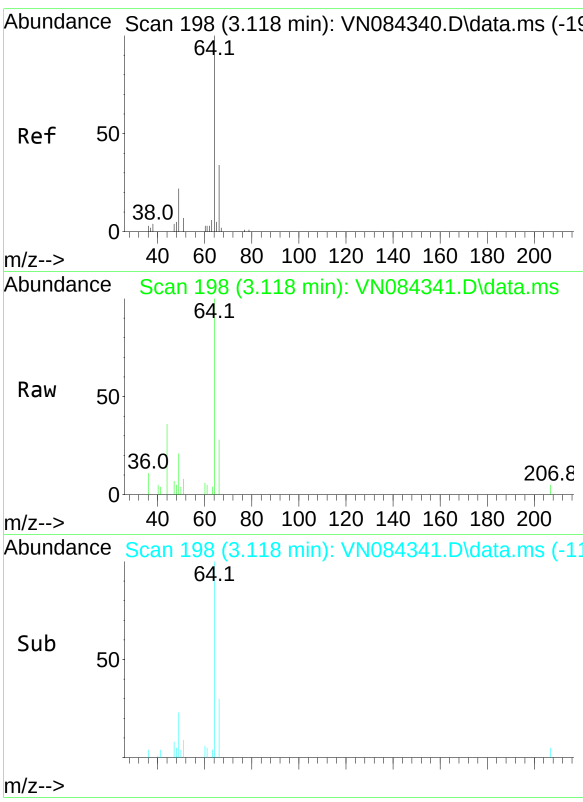
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

Tgt Ion: 94 Resp: 9027

Ion	Ratio	Lower	Upper
94	100		
96	99.5	76.7	115.1

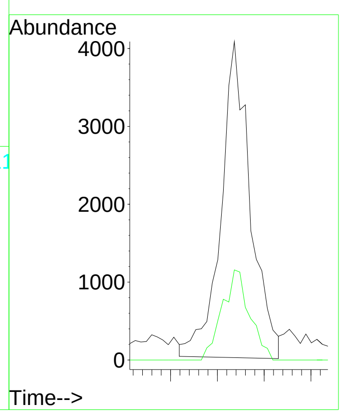




#6
Chloroethane
Concen: 5.997 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 64 Resp: 8876

Ion	Ratio	Lower	Upper
64	100		
66	29.7	27.7	41.5

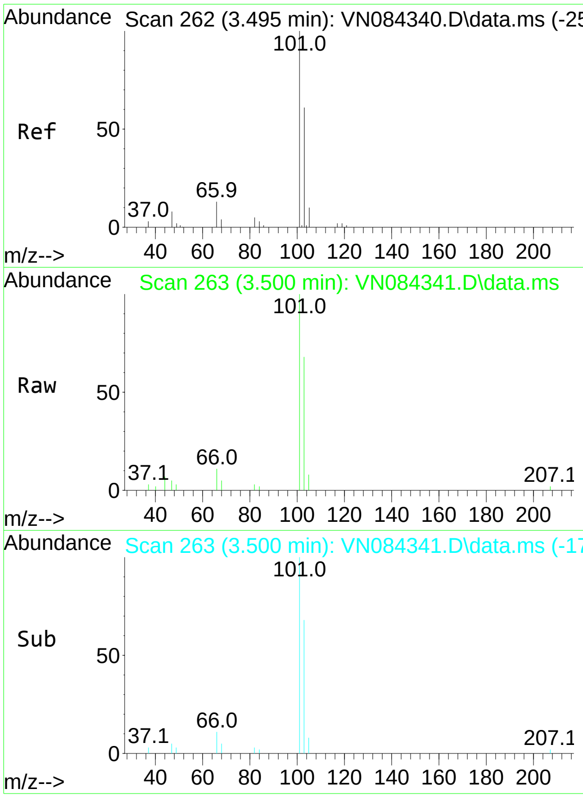


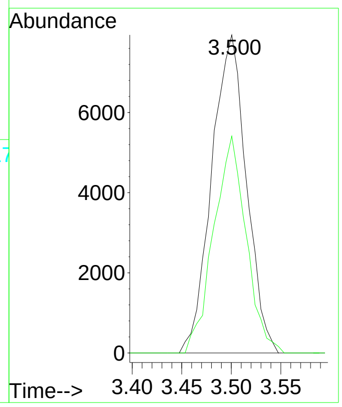
#7
Trichlorofluoromethane
Concen: 5.264 ug/l
RT: 3.500 min Scan# 26
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:101 Resp: 19359
Ion	Ratio	Lower	Upper
101	100		
103	68.2	49.0	73.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

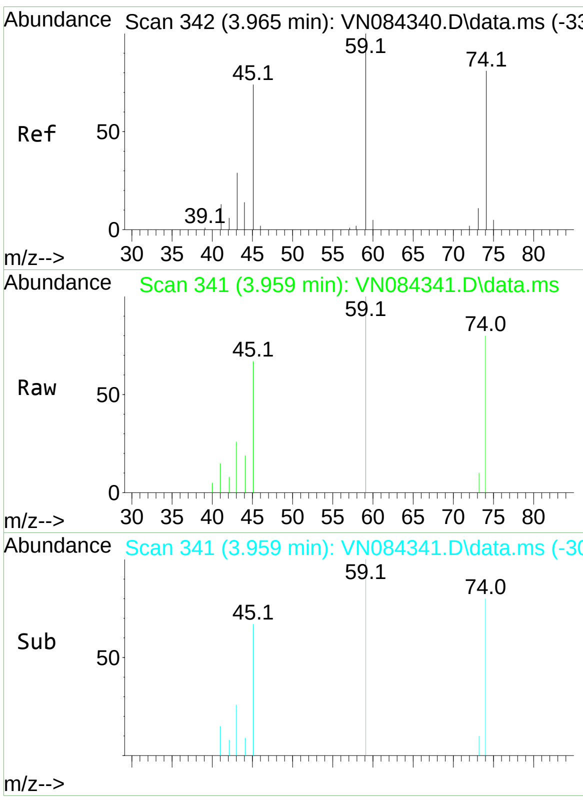
Manual Integrations APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

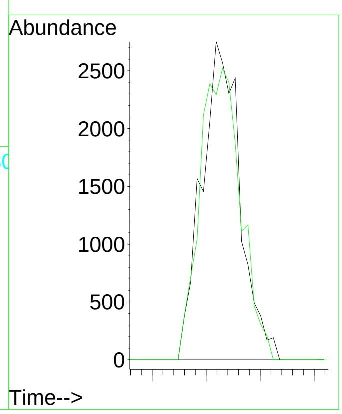


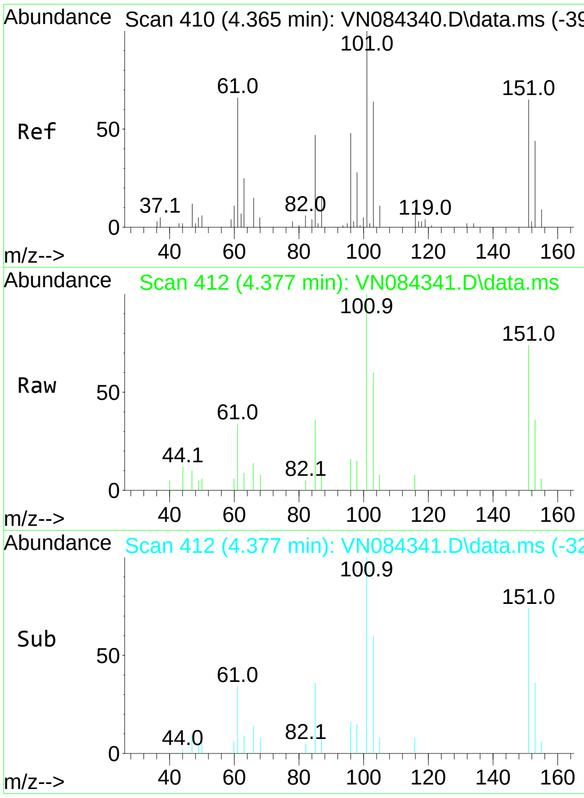


#8
Diethyl Ether
Concen: 5.034 ug/l m
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 74 Resp: 6806
Ion	Ratio	Lower	Upper
74	100		
45	46.4	19.2	173.2







#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.290 ug/l
RT: 4.377 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

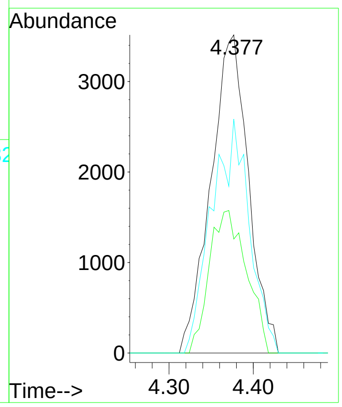
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

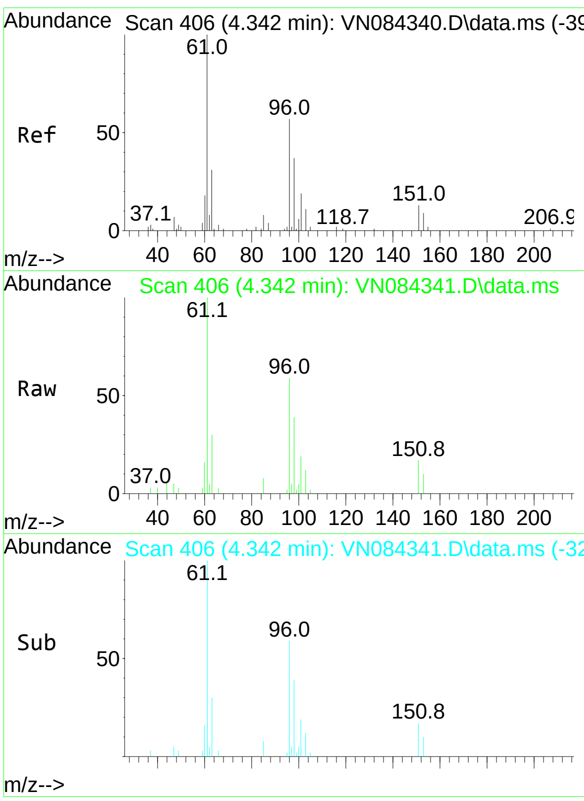
Tgt Ion:101 Resp: 10938

Ion	Ratio	Lower	Upper
101	100		
85	44.3	0.0	93.6
151	35.8	0.0	151.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

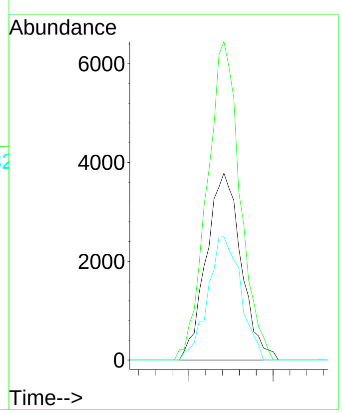


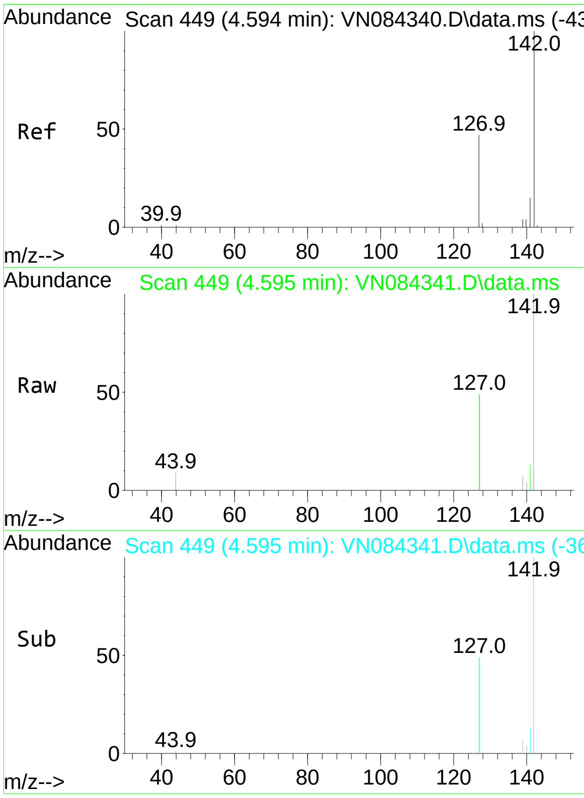


#10
1,1-Dichloroethene
Concen: 5.275 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 96 Resp: 10884

Ion	Ratio	Lower	Upper
96	100		
61	170.4	140.8	211.2
98	66.0	52.2	78.2





#11
Methyl Iodide
Concen: 4.845 ug/l
RT: 4.595 min Scan# 44
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

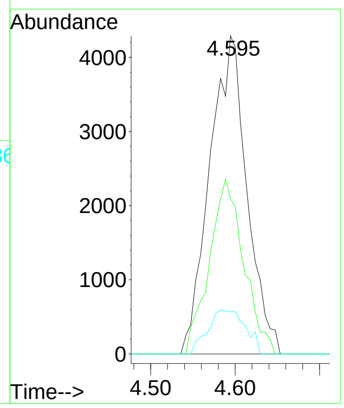
Tgt Ion:142 Resp: 13135

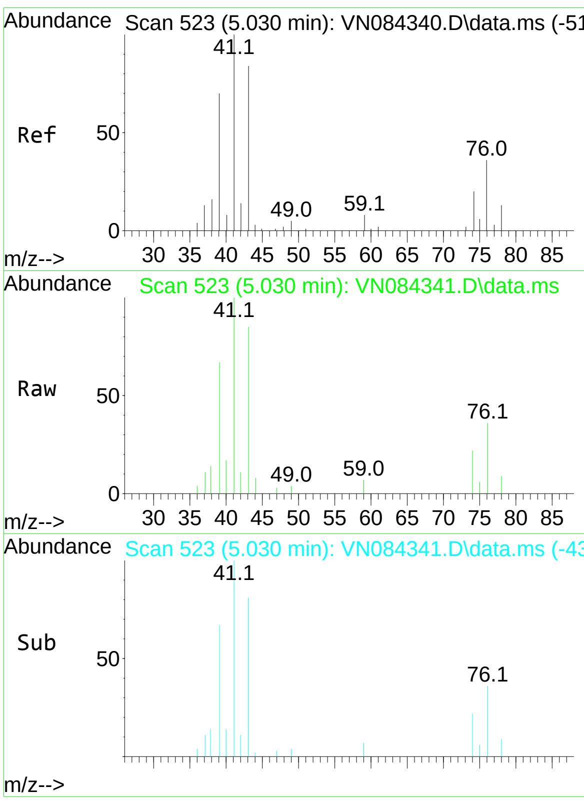
Ion	Ratio	Lower	Upper
142	100		
127	48.8	23.8	71.4
141	13.2	7.4	22.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

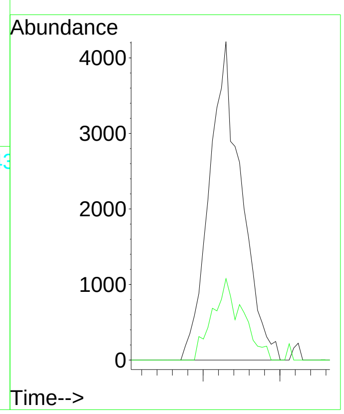


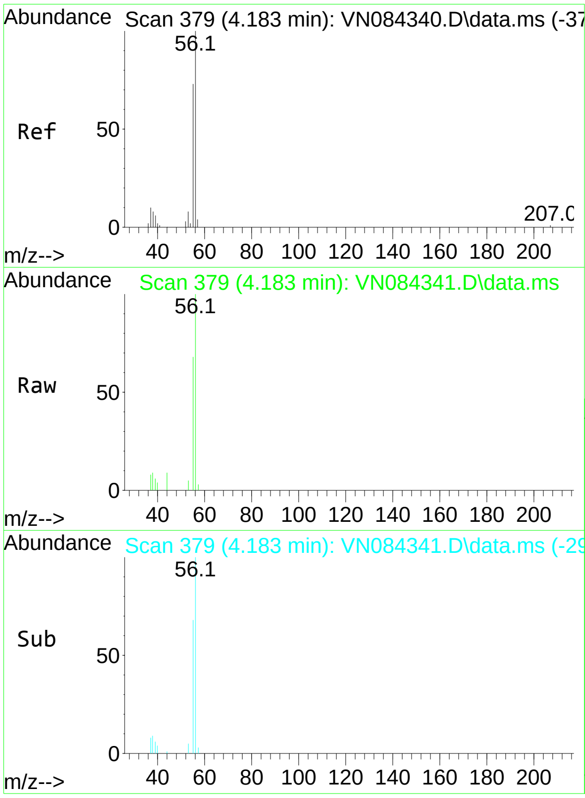


#12
Methyl Acetate
Concen: 4.748 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 43 Resp: 12264

Ion	Ratio	Lower	Upper
43	100		
74	25.6	19.4	29.2

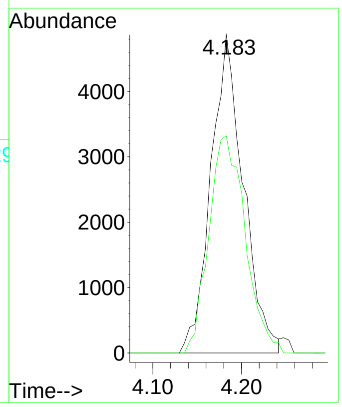




#13
Acrolein
Concen: 25.840 ug/l
RT: 4.183 min Scan# 37
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 56 Resp: 12398

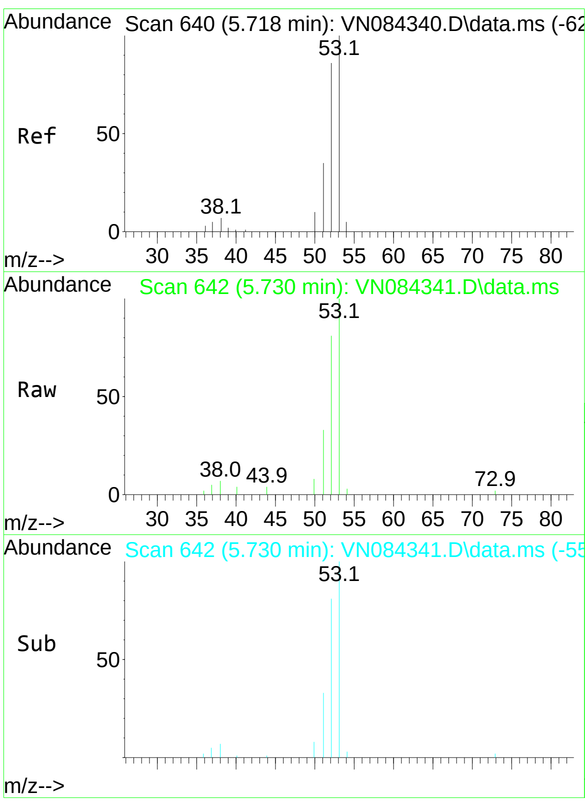
Ion	Ratio	Lower	Upper
56	100		
55	76.4	56.4	84.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

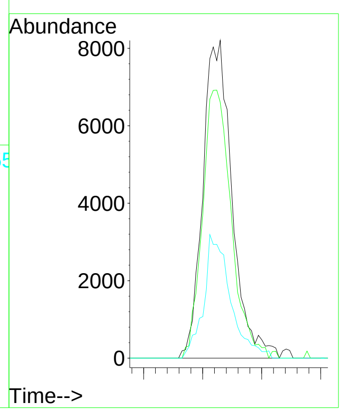
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

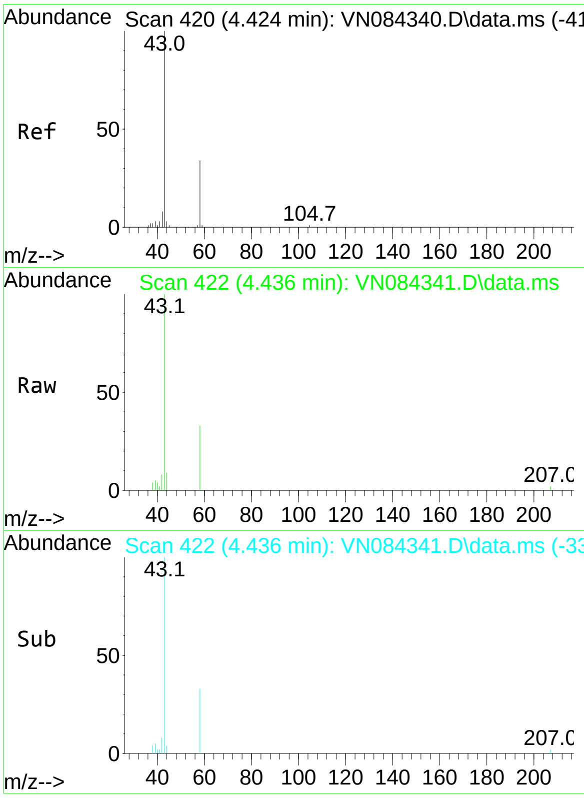


#14
Acrylonitrile
Concen: 24.367 ug/l m
RT: 5.730 min Scan# 642
Delta R.T. 0.012 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 53 Resp: 28276

Ion	Ratio	Lower	Upper
53	100		
52	83.2	40.4	121.2
51	35.2	17.8	53.4





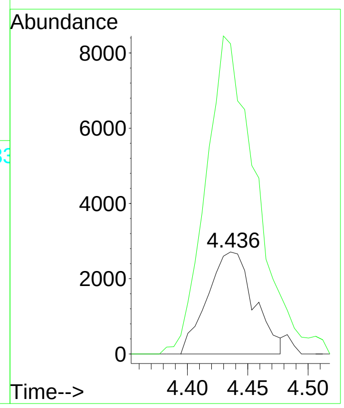
#15
Acetone
Concen: 22.077 ug/l
RT: 4.436 min Scan# 42
Delta R.T. 0.012 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

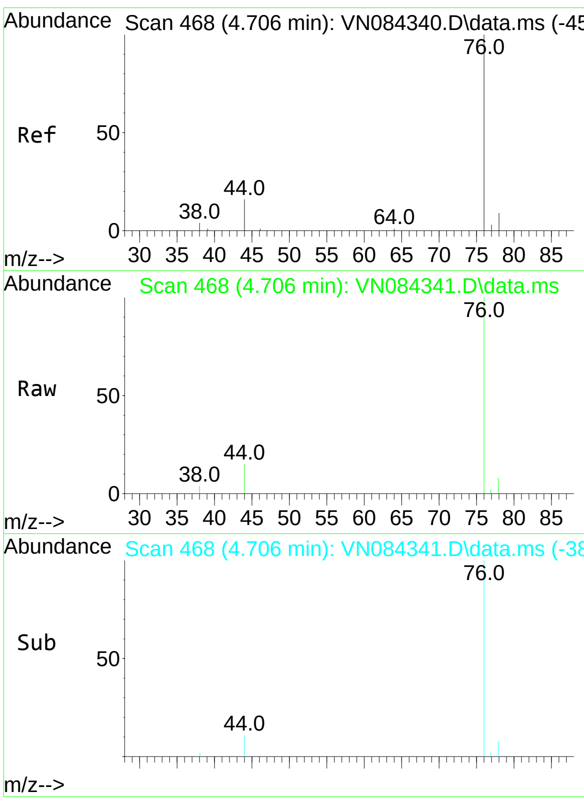
Tgt Ion: 58 Resp: 7318

Ion	Ratio	Lower	Upper
58	100		
43	285.9	237.5	356.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

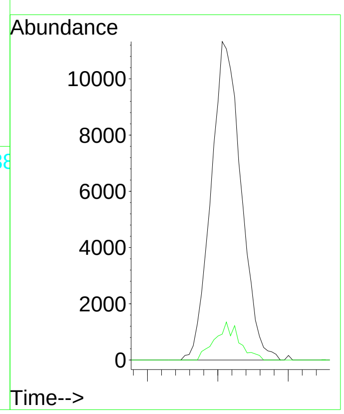


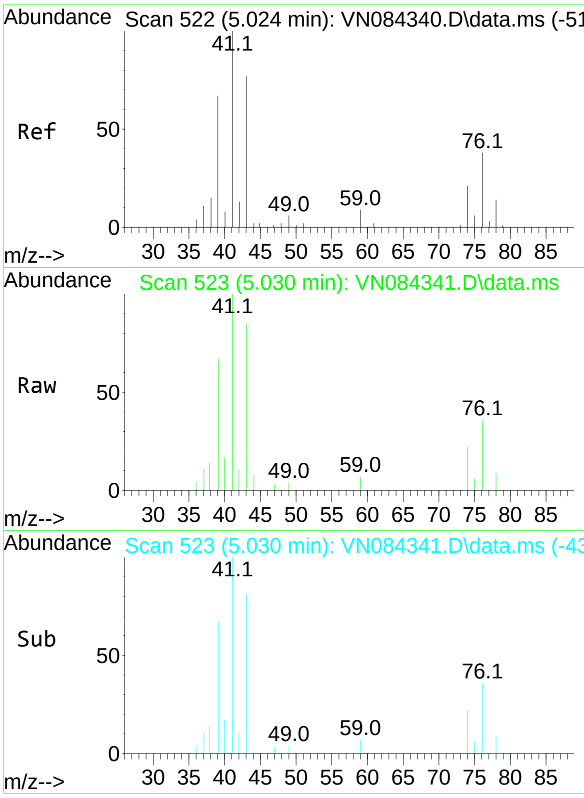


#16
Carbon Disulfide
Concen: 5.489 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 76 Resp: 33723

Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.1	10.7

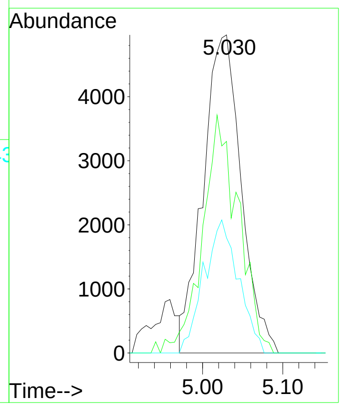




#17
Allyl chloride
Concen: 4.891 ug/l
RT: 5.030 min Scan# 52
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

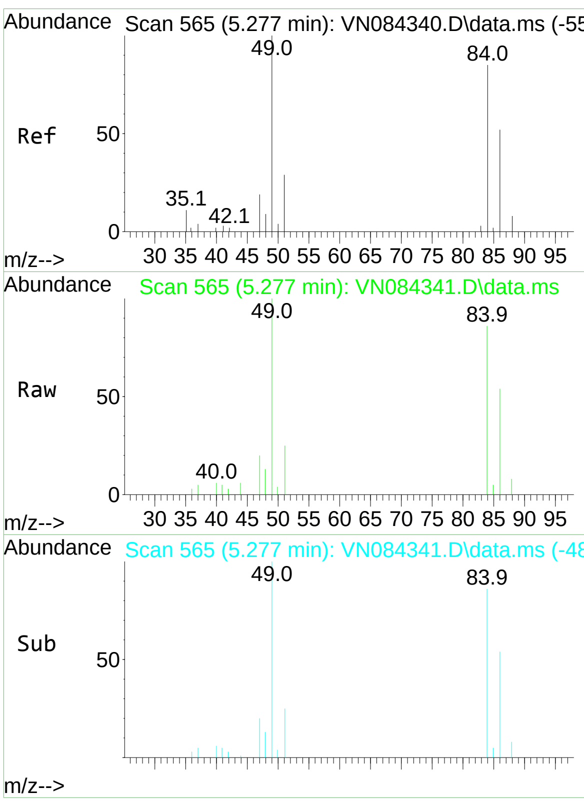
Tgt Ion: 41 Resp: 16359

Ion	Ratio	Lower	Upper
41	100		
39	66.5	31.4	94.3
76	36.2	17.8	53.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

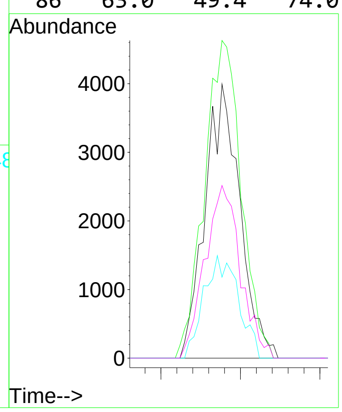
Manual Integrations
APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

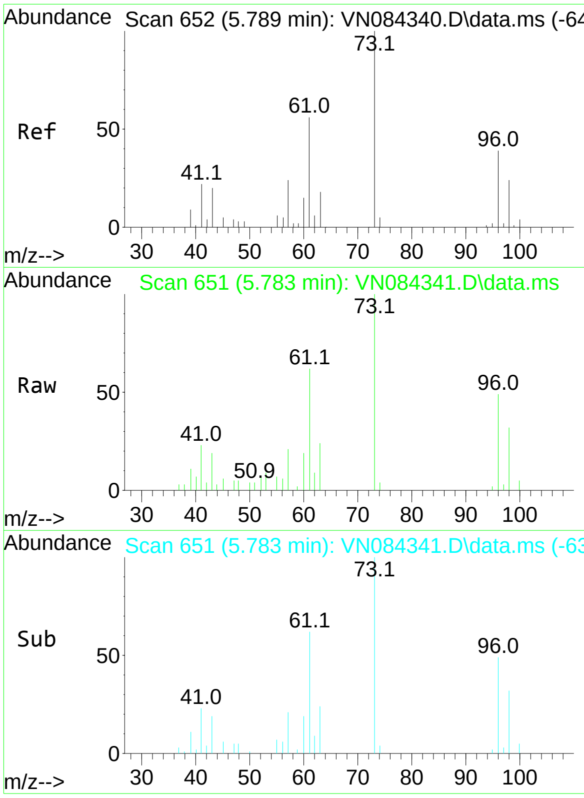


#18
Methylene Chloride
Concen: 5.235 ug/l m
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 84 Resp: 12168

Ion	Ratio	Lower	Upper
84	100		
49	115.9	94.6	142.0
51	29.5	27.3	40.9
86	63.0	49.4	74.0





#19
trans-1,2-Dichloroethene
Concen: 5.197 ug/l
RT: 5.783 min Scan# 65
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

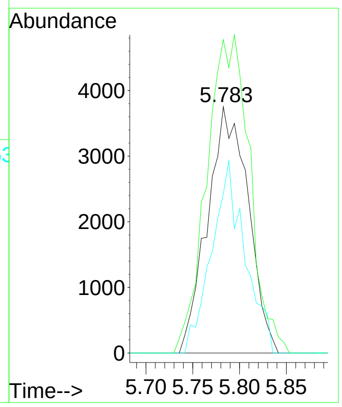
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

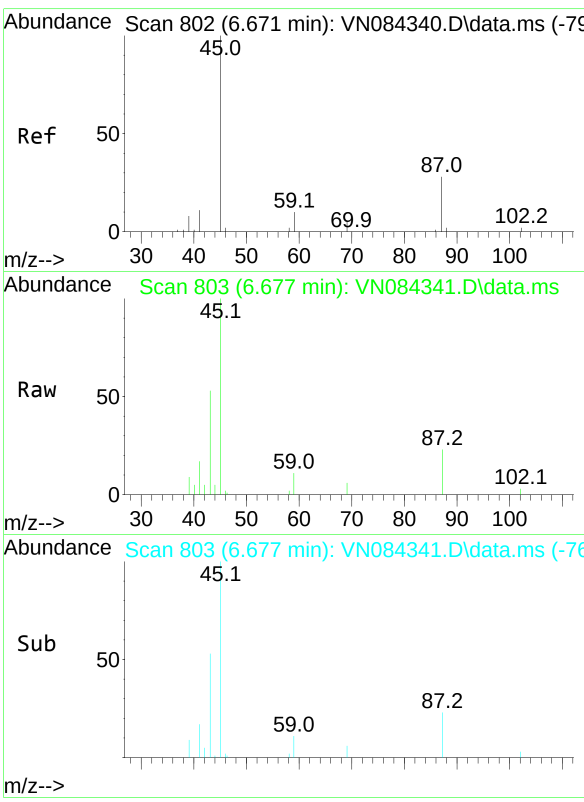
Tgt Ion: 96 Resp: 11347

Ion	Ratio	Lower	Upper
96	100		
61	121.3	115.8	173.6
98	64.6	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

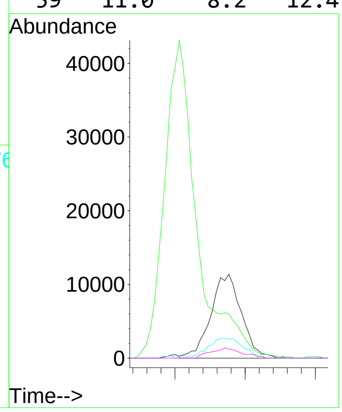


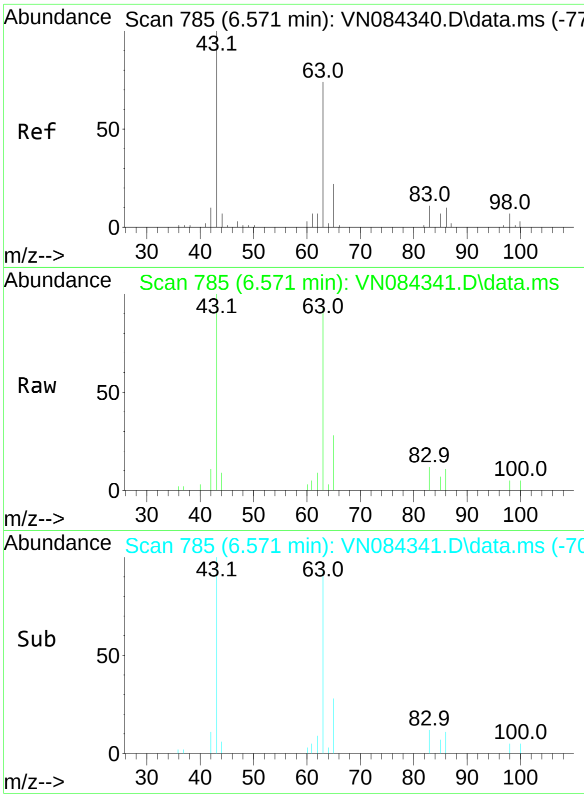


#20
Diisopropyl ether
Concen: 4.805 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 45 Resp: 34552

Ion	Ratio	Lower	Upper
45	100		
43	50.6	43.7	65.5
87	22.5	23.1	34.7#
59	11.0	8.2	12.4





#21
1,1-Dichloroethane
Concen: 5.231 ug/l
RT: 6.571 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

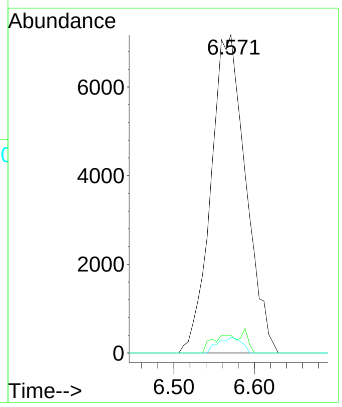
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

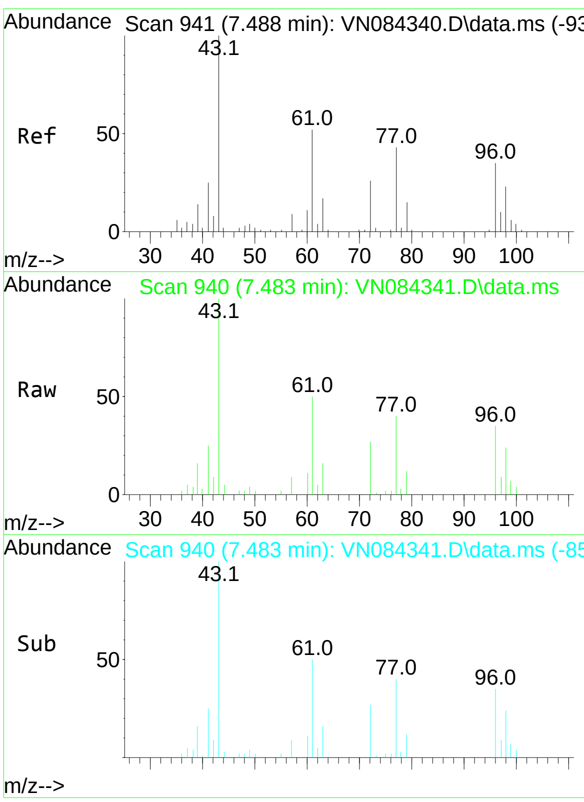
Tgt Ion: 63 Resp: 21583

Ion	Ratio	Lower	Upper
63	100		
98	5.6	4.5	13.4
100	5.0	2.1	6.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

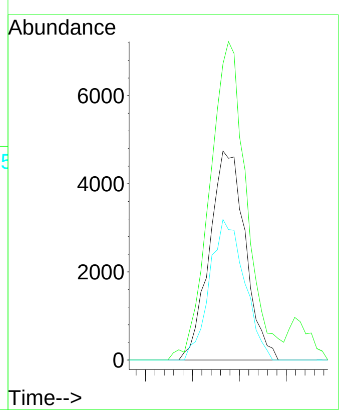


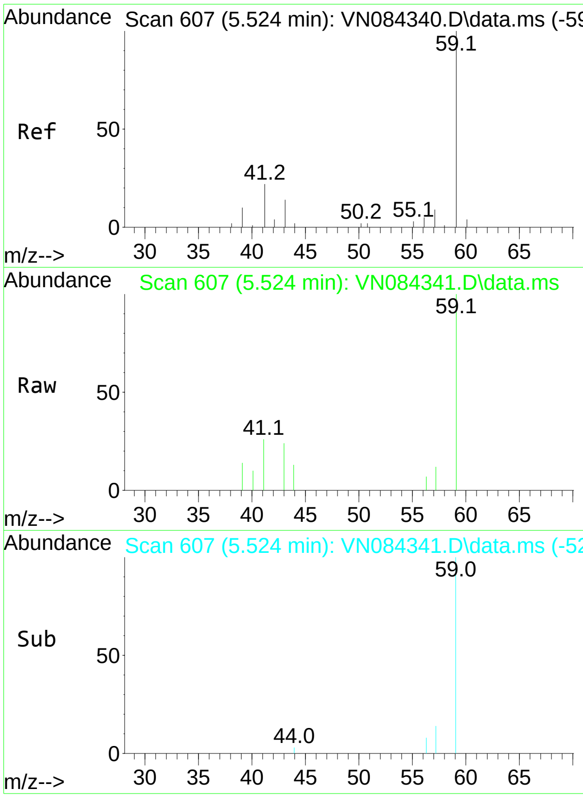


#22
cis-1,2-Dichloroethene
Concen: 4.963 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 96 Resp: 12611

Ion	Ratio	Lower	Upper
96	100		
61	154.6	118.0	177.0
98	65.5	51.8	77.8





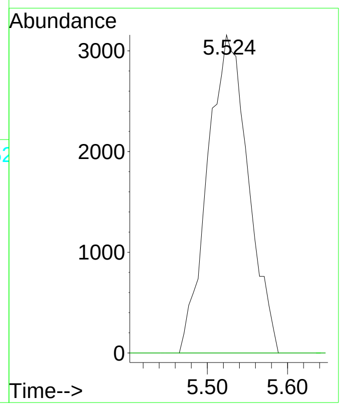
#23
tert-Butyl Alcohol
Concen: 24.960 ug/l
RT: 5.524 min Scan# 60
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

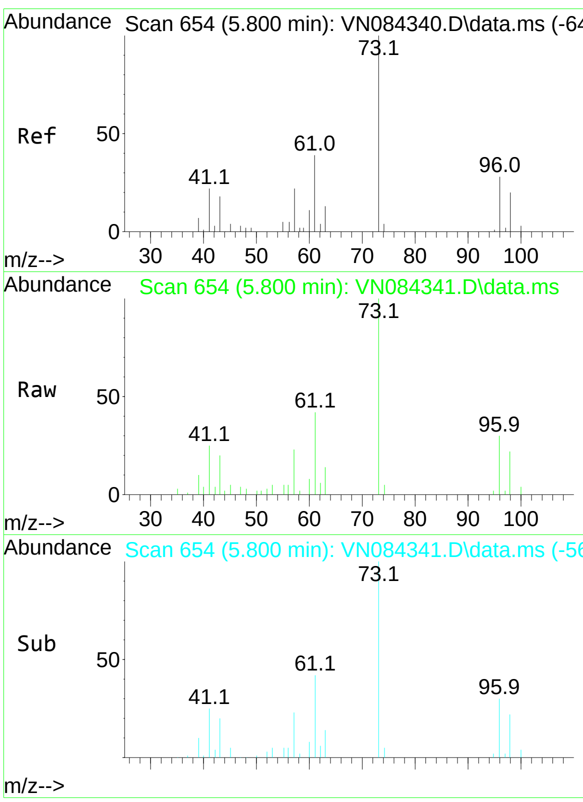
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 59	Resp:	11110	
Ion	Ratio	Lower	Upper
59	100		
52	211.8	0.0	0.0#

Manual Integrations APPROVED

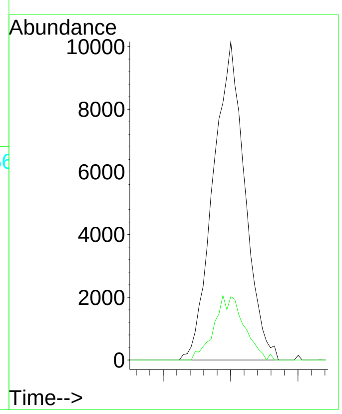
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

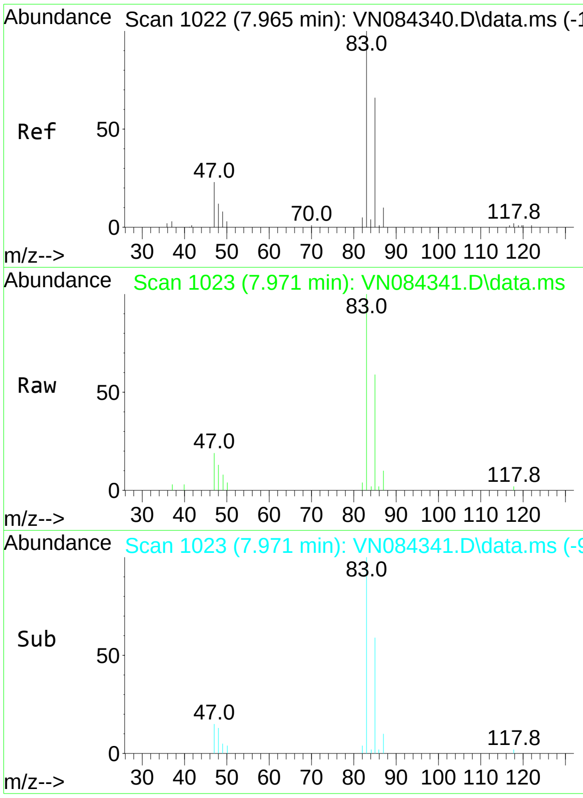




#24
Methyl tert-Butyl Ether
Concen: 4.821 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 73	Resp:	33238	
Ion	Ratio	Lower	Upper
73	100		
43	9.8	10.9	16.3#





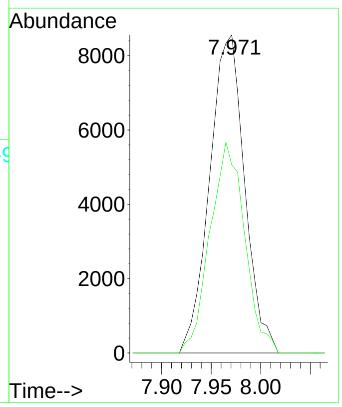
#25
Chloroform
Concen: 5.038 ug/l
RT: 7.971 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

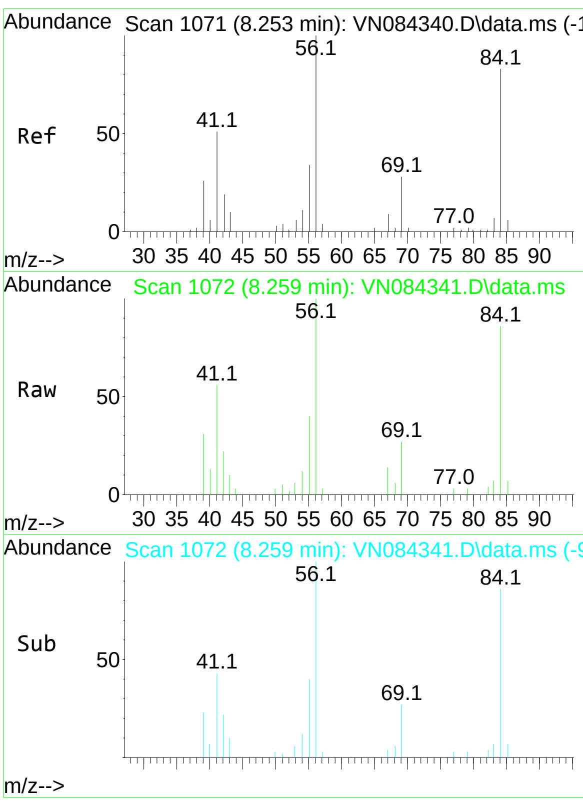
Tgt Ion: 83 Resp: 21052

Ion	Ratio	Lower	Upper
83	100		
85	59.1	52.4	78.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

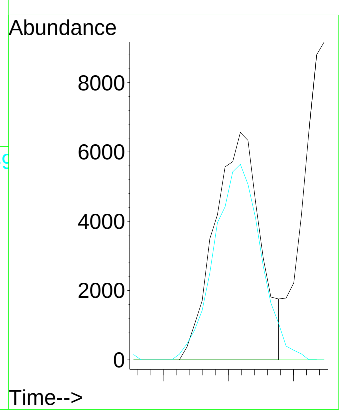


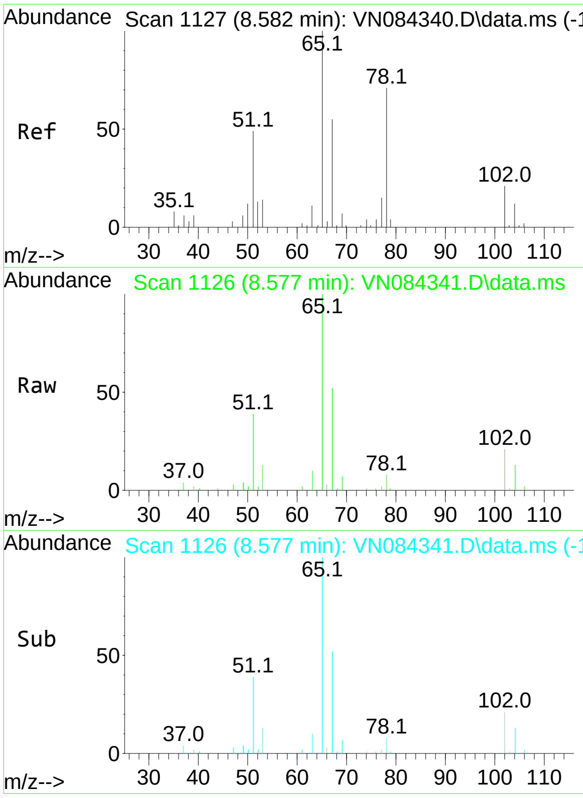


#26
Cyclohexane
Concen: 4.707 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 56 Resp: 16244

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	87.4	67.0	100.6





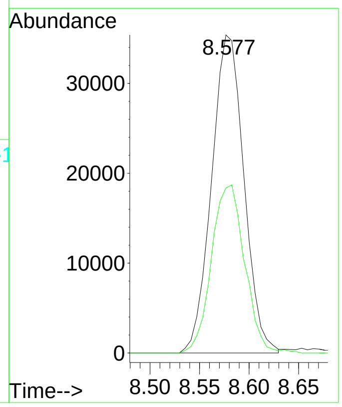
#27
1,2-Dichloroethane-d4
Concen: 30.153 ug/l
RT: 8.577 min   Scan# 11
Delta R.T.   -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024   11:19

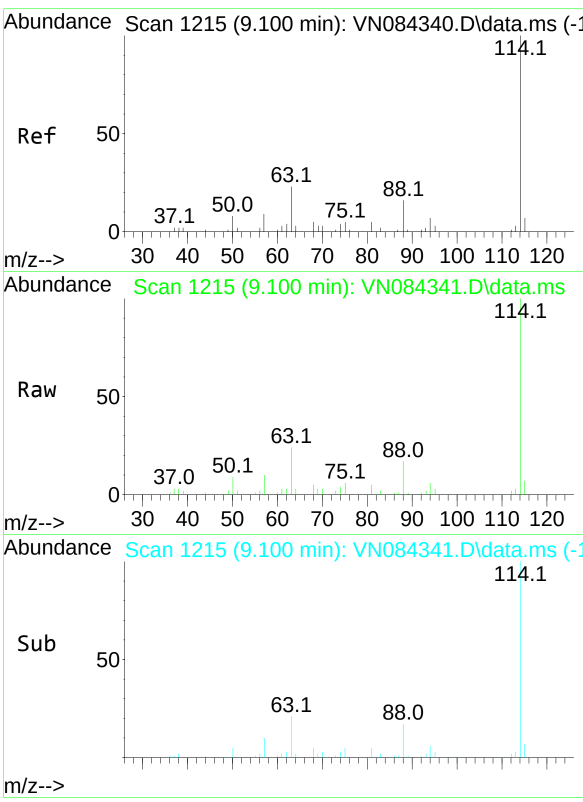
Tgt Ion: 65 Resp: 80437

Ion	Ratio	Lower	Upper
65	100		
67	54.2	41.5	62.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED
Reviewed By :John Carlone   10/09/2024
Supervised By :Mahesh Dadoda   10/09/2024

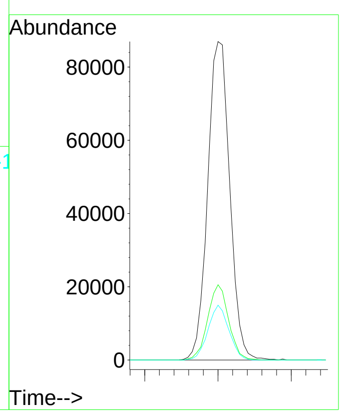


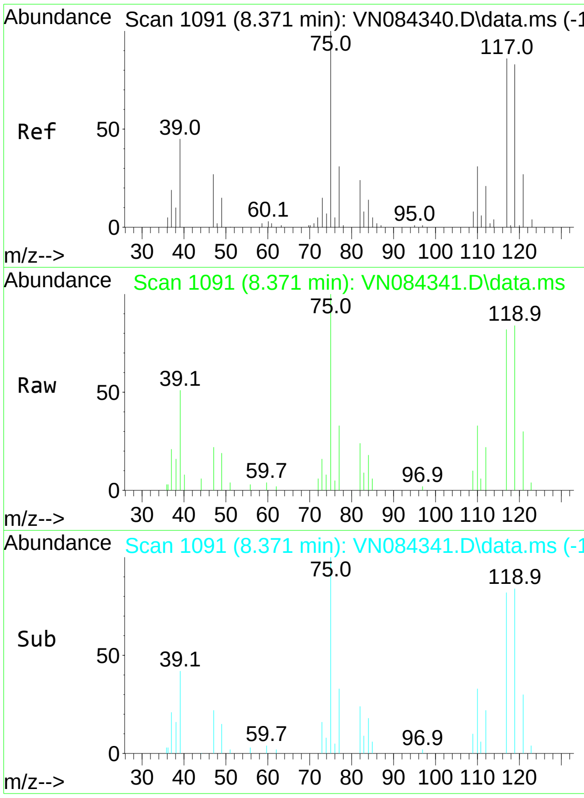


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min   Scan# 1215
Delta R.T.   0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024   11:19

Tgt Ion:114 Resp: 182092

Ion	Ratio	Lower	Upper
114	100		
63	22.4	17.4	26.0
88	16.3	13.2	19.8





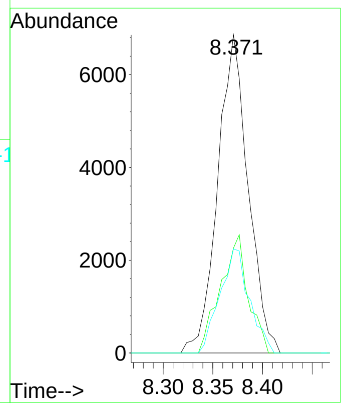
#29
1,1-Dichloropropene
Concen: 4.896 ug/l
RT: 8.371 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

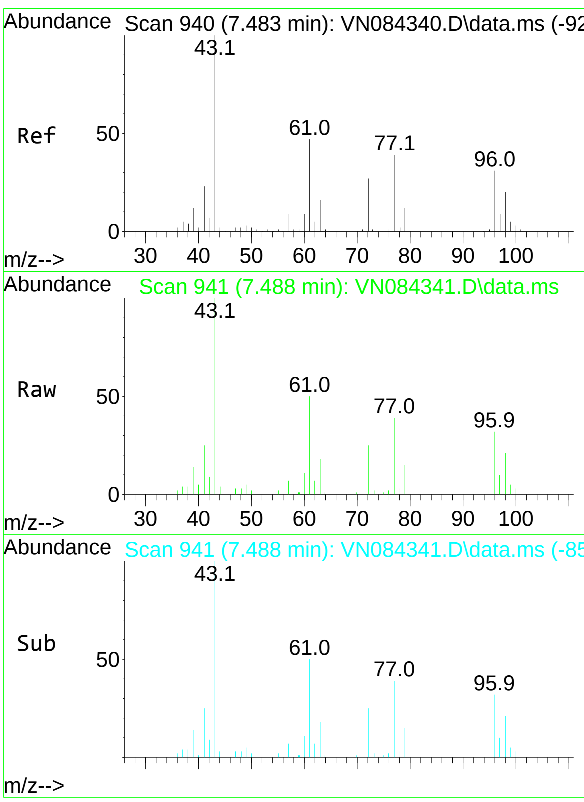
Tgt Ion: 75 Resp: 14635

Ion	Ratio	Lower	Upper
75	100		
110	33.6	0.0	67.6
77	31.6	0.0	61.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

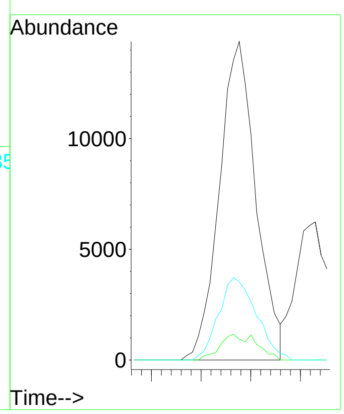


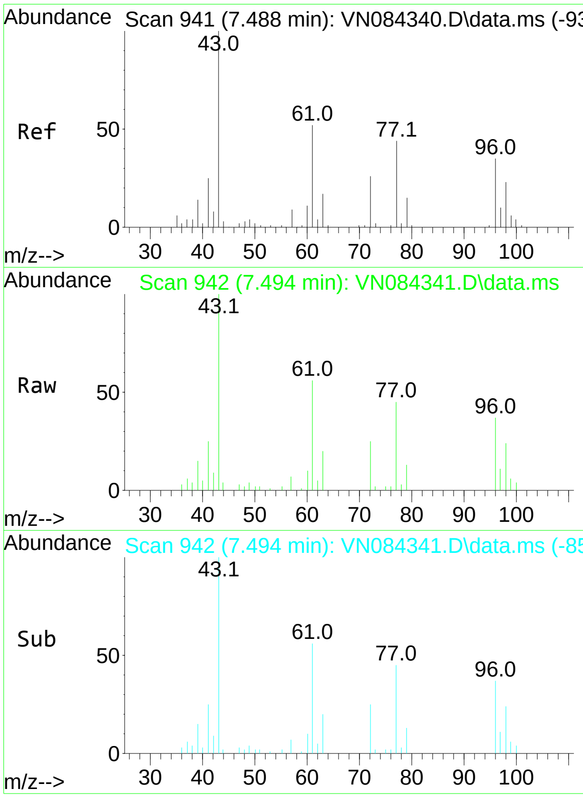


#30
2-Butanone
Concen: 23.051 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 43 Resp: 36686

Ion	Ratio	Lower	Upper
43	100		
57	5.3	6.6	9.8#
72	26.8	21.3	31.9





#31
2,2-Dichloropropane
Concen: 4.835 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

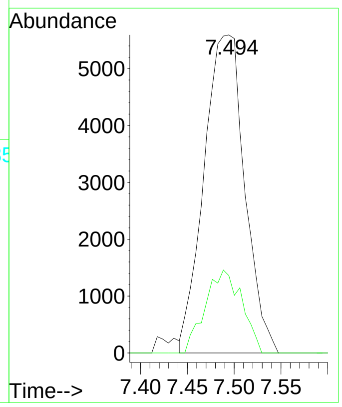
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

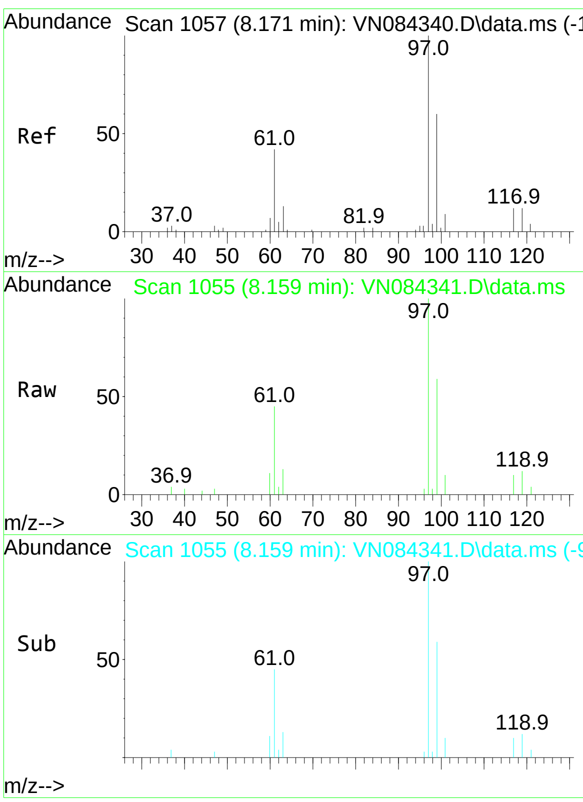
Tgt Ion: 77 Resp: 16984

Ion	Ratio	Lower	Upper
77	100		
97	23.3	11.5	17.3#

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

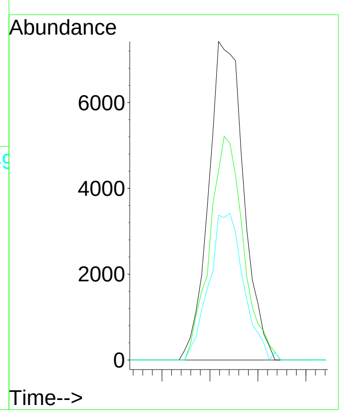


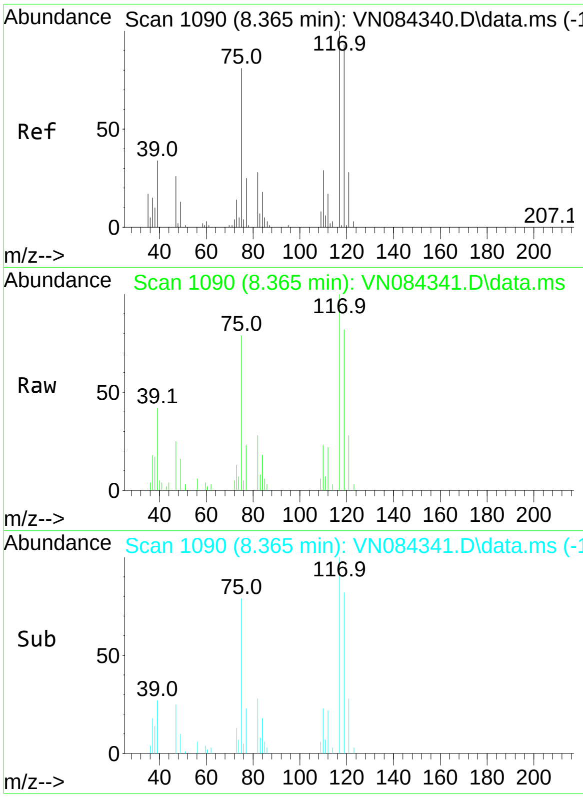


#32
1,1,1-Trichloroethane
Concen: 4.934 ug/l m
RT: 8.159 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 97 Resp: 18852

Ion	Ratio	Lower	Upper
97	100		
99	67.5	51.2	76.8
61	45.2	34.1	51.1

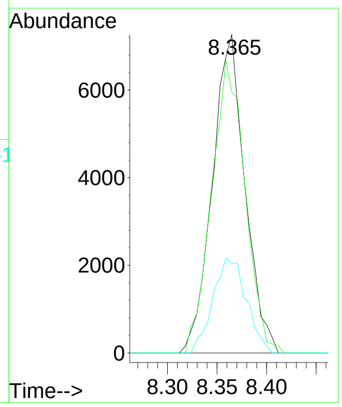




#33
Carbon Tetrachloride
Concen: 5.019 ug/l
RT: 8.365 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

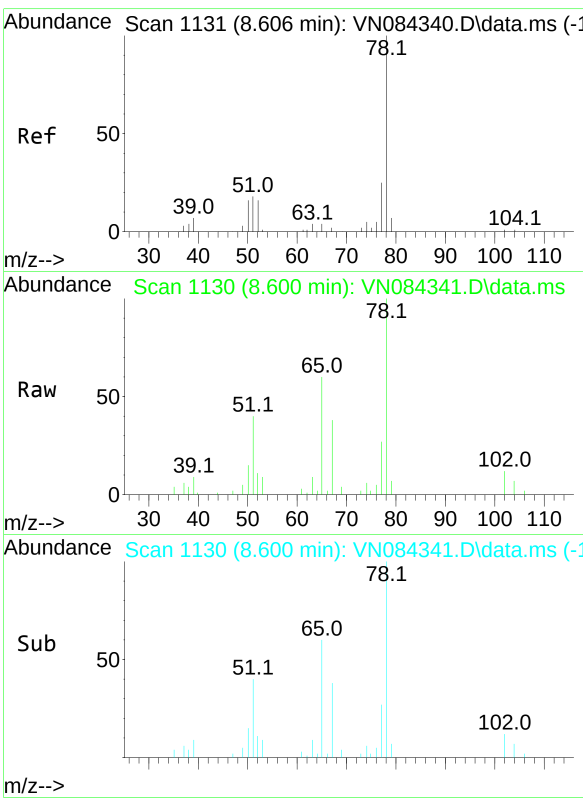
Tgt Ion:117 Resp: 16613

Ion	Ratio	Lower	Upper
117	100		
119	82.1	74.3	111.5
121	28.1	22.4	33.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

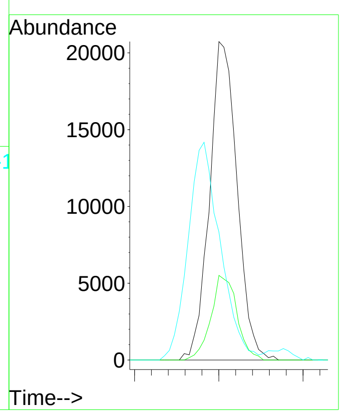
Manual Integrations
APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

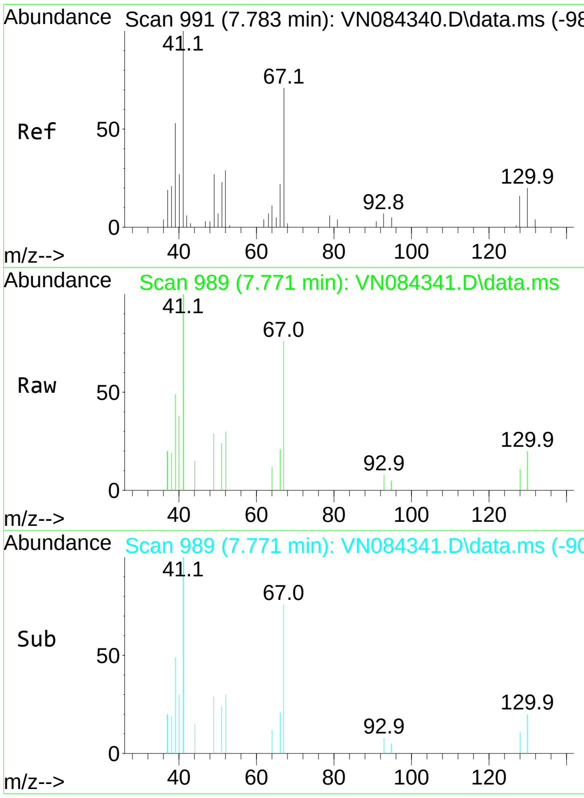


#34
Benzene
Concen: 5.045 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 78 Resp: 47206

Ion	Ratio	Lower	Upper
78	100		
77	26.6	19.6	29.4
51	37.3	15.8	23.6#

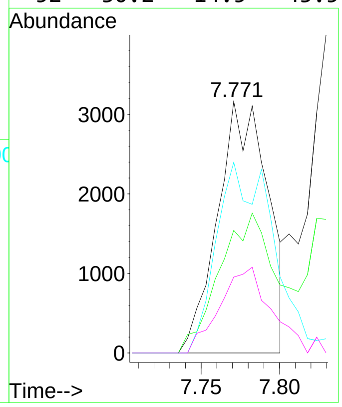




#35
Methacrylonitrile
Concen: 4.135 ug/l m
RT: 7.771 min Scan# 98
Delta R.T. -0.012 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 41 Resp: 7020

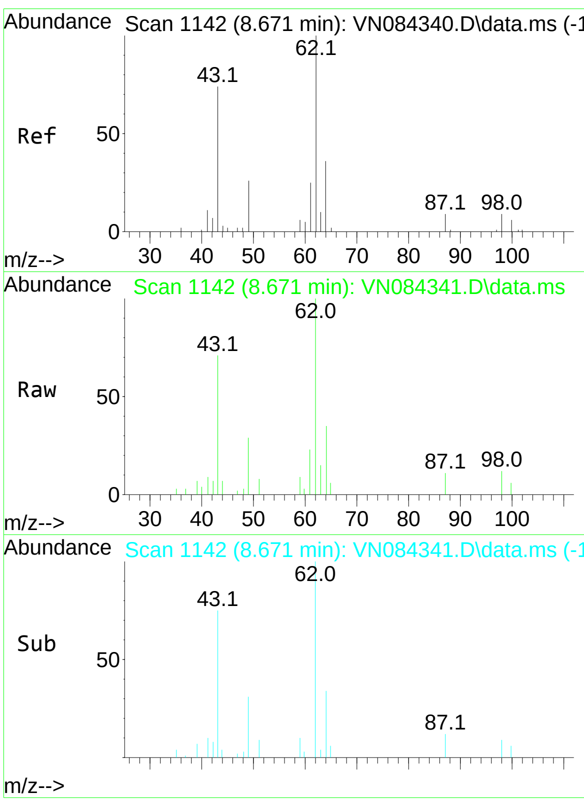
Ion	Ratio	Lower	Upper
41	100		
39	48.7	26.4	79.0
67	75.8	35.7	107.1
52	30.2	14.5	43.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

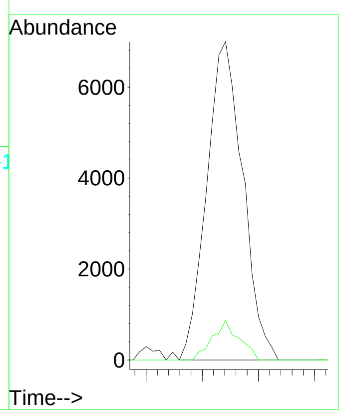
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

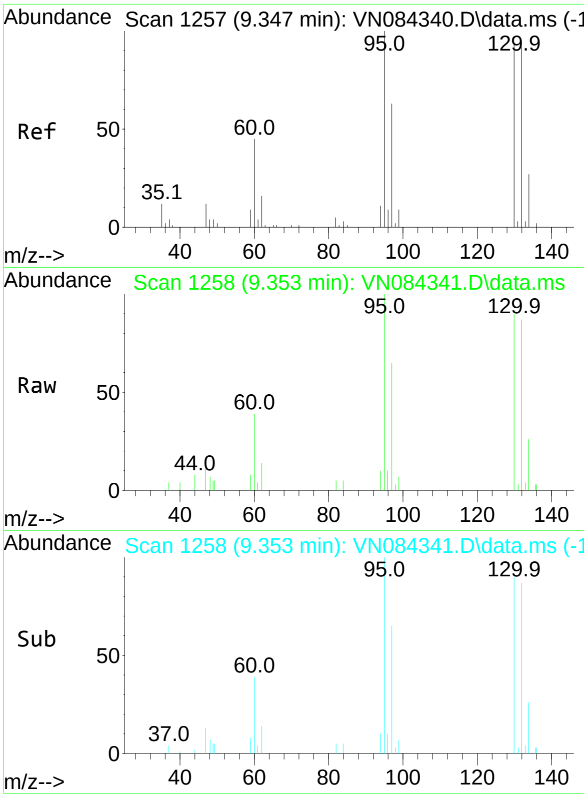


#36
1,2-Dichloroethane
Concen: 5.011 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 62 Resp: 15630

Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.3	10.9





#37
Trichloroethene
Concen: 4.973 ug/l
RT: 9.353 min   Scan# 12
Delta R.T.   0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024   11:19

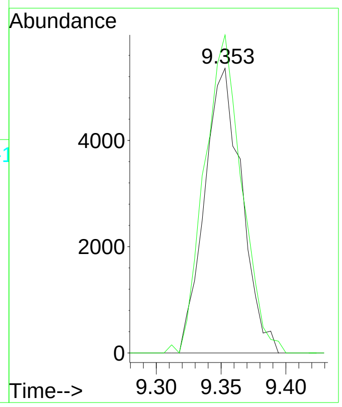
Tgt Ion:130 Resp: 10715

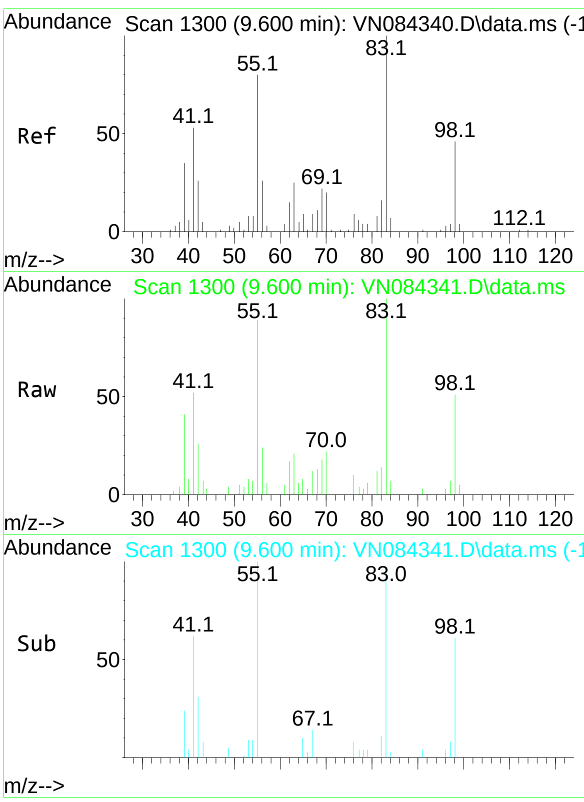
Ion	Ratio	Lower	Upper
130	100		
95	111.7	85.8	128.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone   10/09/2024
Supervised By :Mahesh Dadoda   10/09/2024

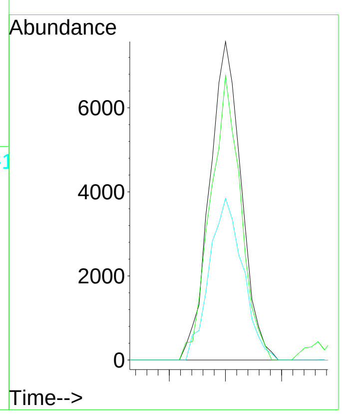


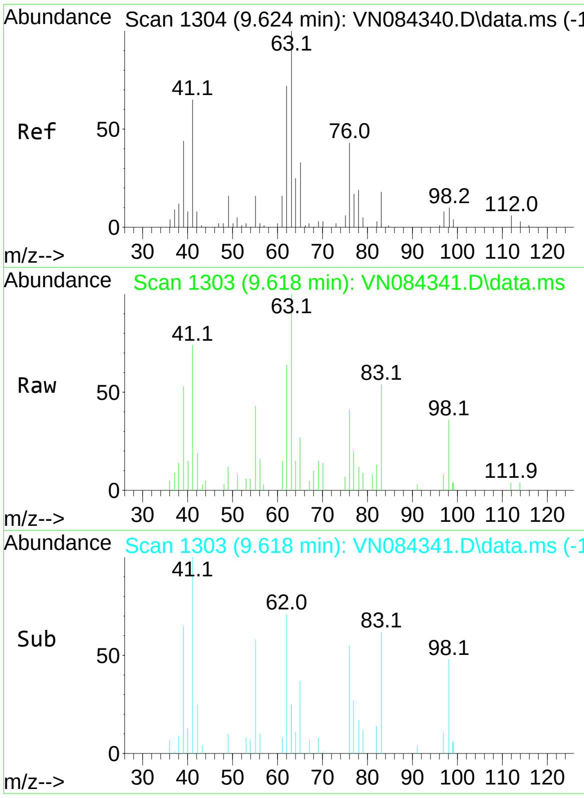


#38
Methylcyclohexane
Concen: 4.541 ug/l
RT: 9.600 min   Scan# 1300
Delta R.T.   0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024   11:19

Tgt Ion: 83 Resp: 14911

Ion	Ratio	Lower	Upper
83	100		
55	85.5	39.3	117.8
98	53.7	24.0	72.0





#39
1,2-Dichloropropane
Concen: 4.992 ug/l
RT: 9.618 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

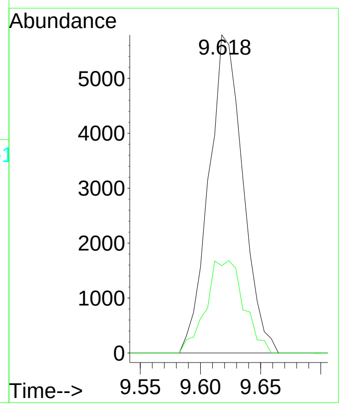
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

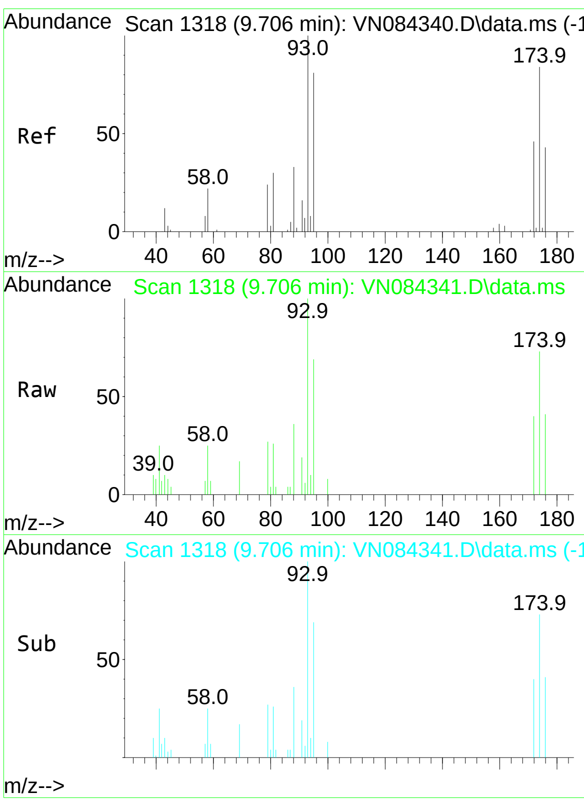
Tgt Ion: 63 Resp: 11390

Ion	Ratio	Lower	Upper
63	100		
65	27.4	26.3	39.5

Manual Integrations APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

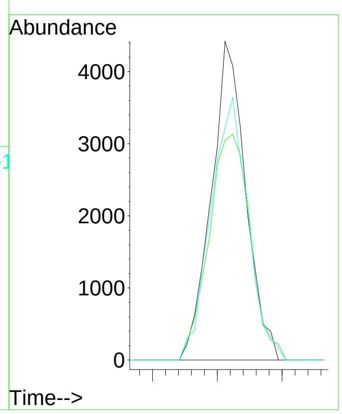


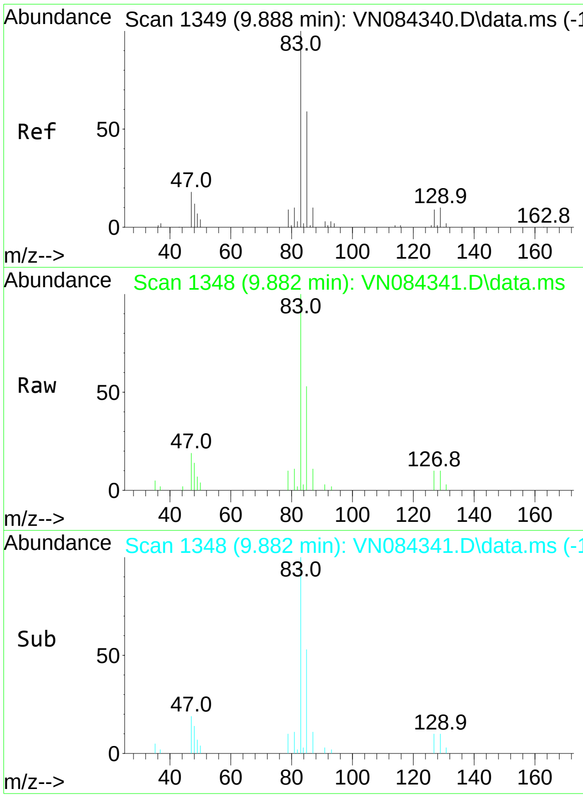


#40
Dibromomethane
Concen: 5.113 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 93 Resp: 8154

Ion	Ratio	Lower	Upper
93	100		
95	84.7	0.0	171.4
174	89.5	0.0	183.0





#41
Bromodichloromethane
Concen: 5.009 ug/l
RT: 9.882 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

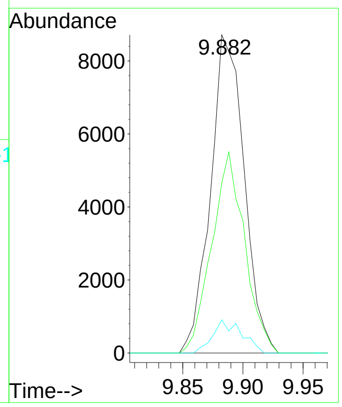
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

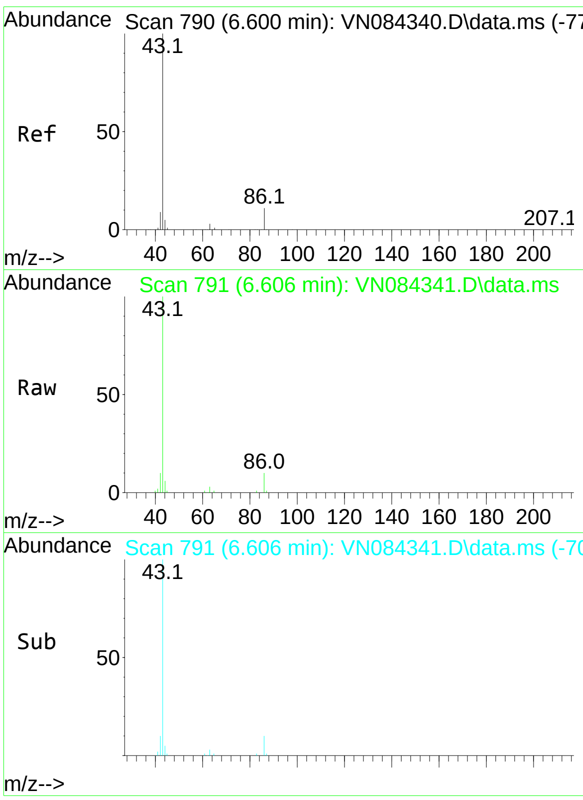
Tgt Ion: 83 Resp: 16959

Ion	Ratio	Lower	Upper
83	100		
85	53.4	47.1	70.7
127	10.4	7.1	10.7

Manual Integrations APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

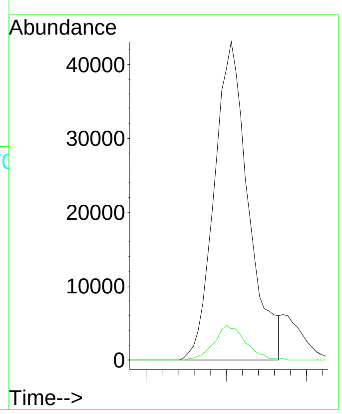


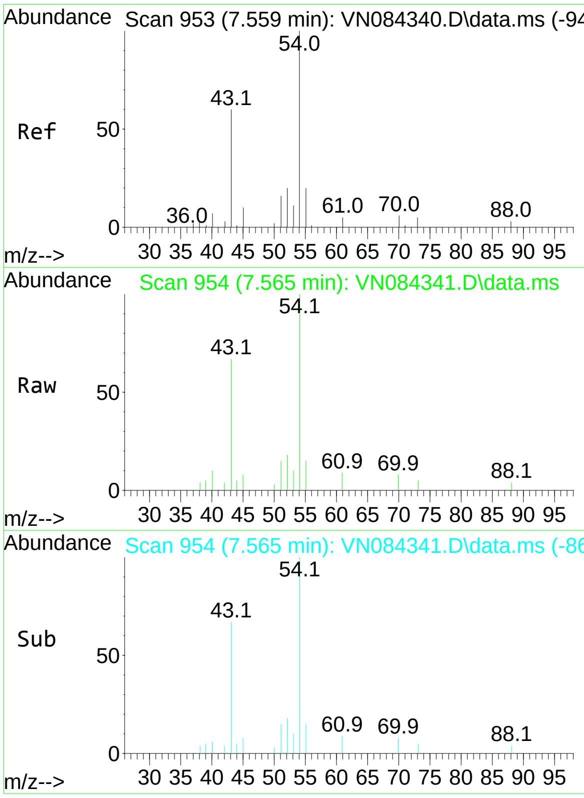


#42
Vinyl Acetate
Concen: 22.946 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 43 Resp: 127008

Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.5	12.7





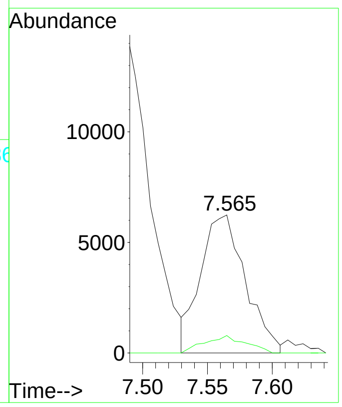
#43
Ethyl Acetate
Concen: 4.782 ug/l m
RT: 7.565 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

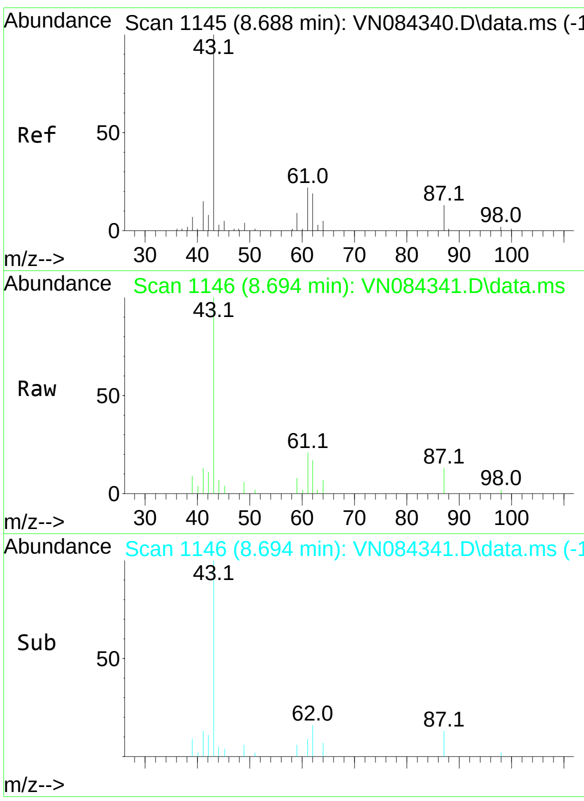
Tgt Ion: 43 Resp: 15009

Ion	Ratio	Lower	Upper
43	100		
45	11.6	10.6	16.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

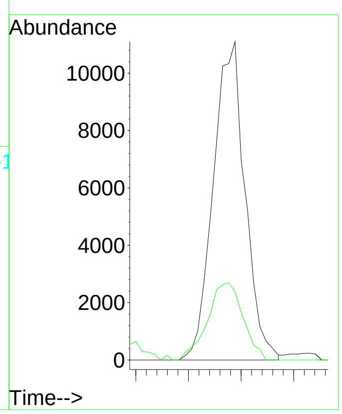


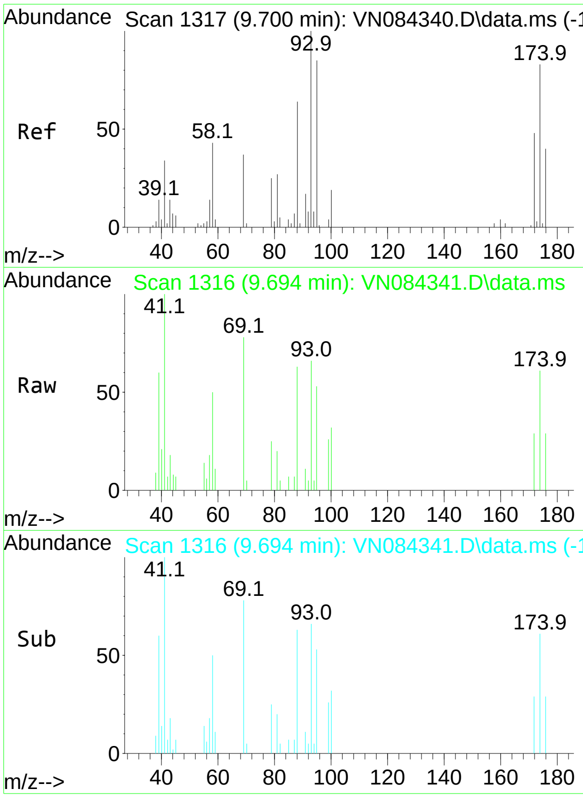


#44
Isopropyl Acetate
Concen: 4.524 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 43 Resp: 23240

Ion	Ratio	Lower	Upper
43	100		
61	27.0	21.4	32.2





#45
1,4-Dioxane
Concen: 89.589 ug/l
RT: 9.694 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

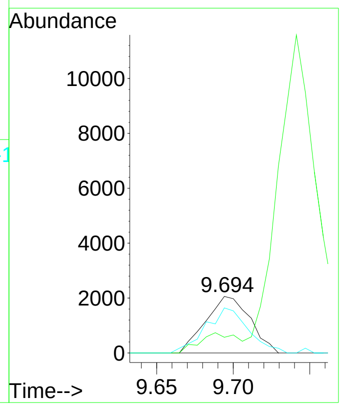
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

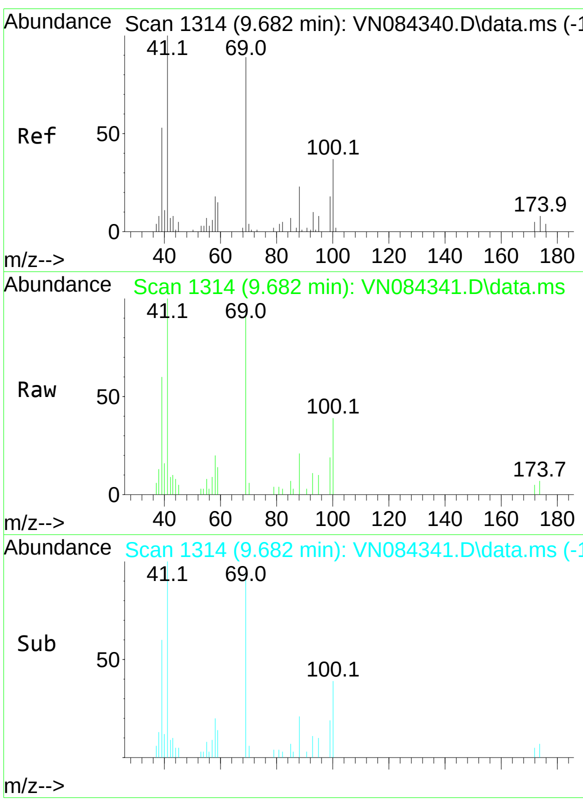
Tgt Ion: 88 Resp: 4149

Ion	Ratio	Lower	Upper
88	100		
43	30.4	22.4	33.6
58	76.9	59.7	89.5

Manual Integrations APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

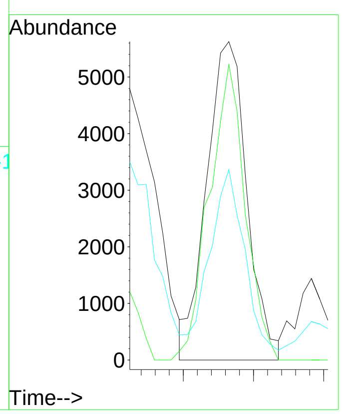


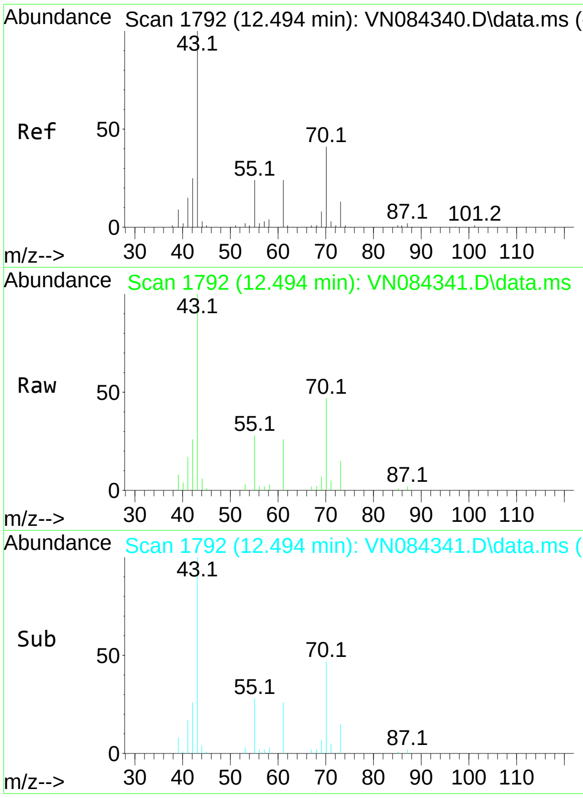


#46
Methyl methacrylate
Concen: 4.516 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 41 Resp: 11210

Ion	Ratio	Lower	Upper
41	100		
69	98.8	42.6	128.0
39	60.4	27.5	82.4





#47
n-amyl Acetate
Concen: 4.187 ug/l
RT: 12.494 min Scan# 17
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

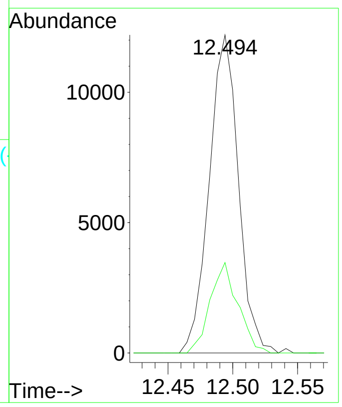
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

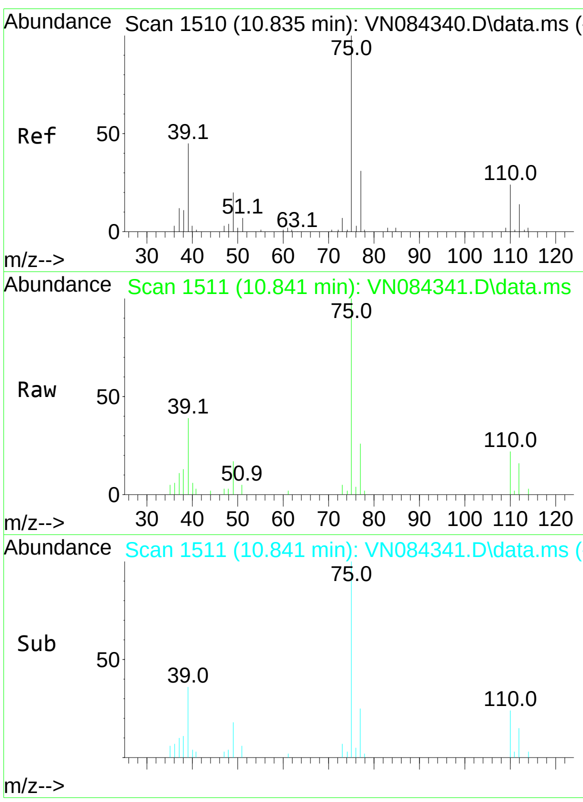
Tgt Ion: 43 Resp: 19132

Ion	Ratio	Lower	Upper
43	100		
55	27.0	20.6	31.0

Manual Integrations
APPROVED

Reviewed By :John Carlone   10/09/2024
Supervised By :Mahesh Dadoda   10/09/2024

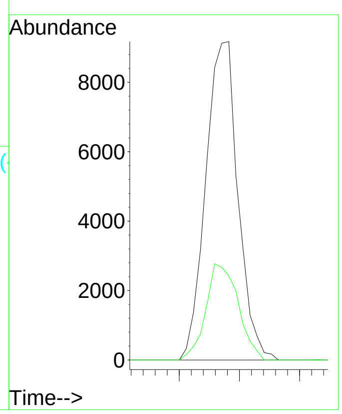


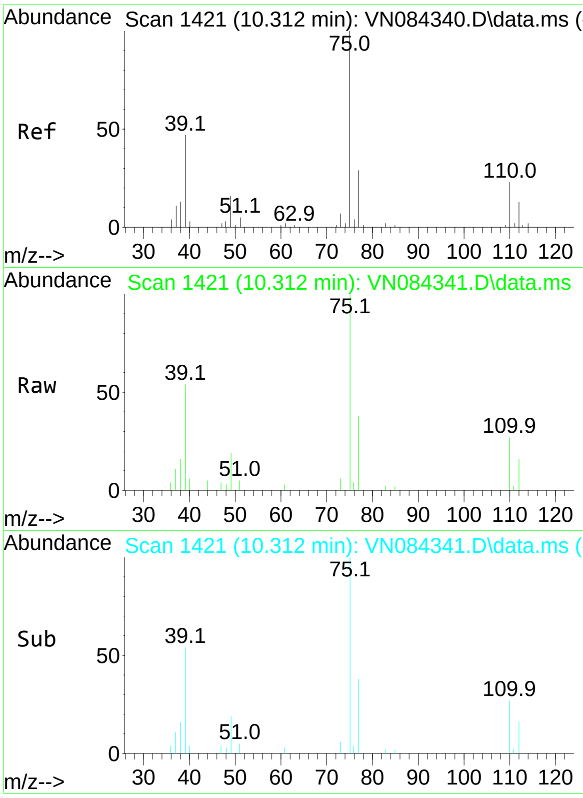


#48
t-1,3-Dichloropropene
Concen: 4.893 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 75 Resp: 17119

Ion	Ratio	Lower	Upper
75	100		
77	26.4	24.6	37.0





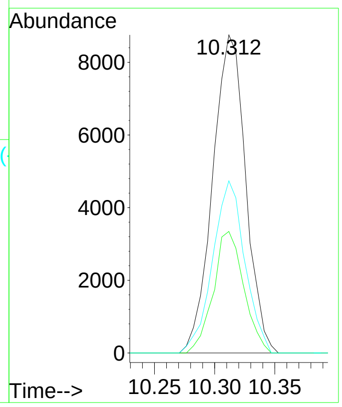
#49
cis-1,3-Dichloropropene
Concen: 4.560 ug/l
RT: 10.312 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

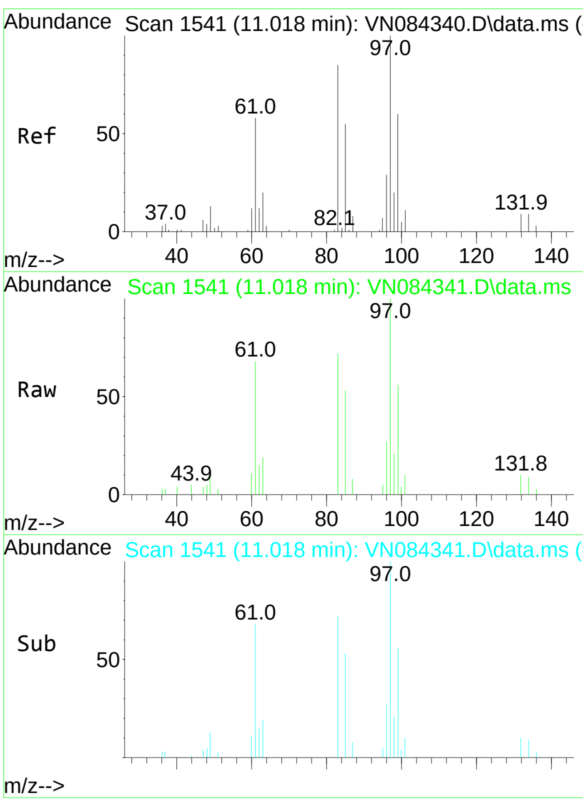
Tgt Ion: 75 Resp: 16720

Ion	Ratio	Lower	Upper
75	100		
77	38.2	22.9	34.3#
39	54.1	37.4	56.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

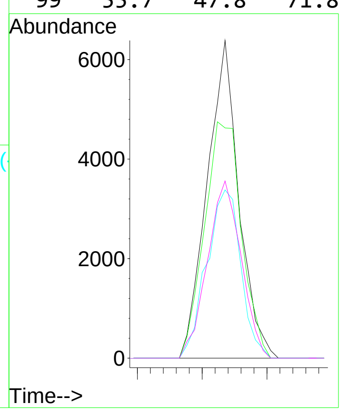


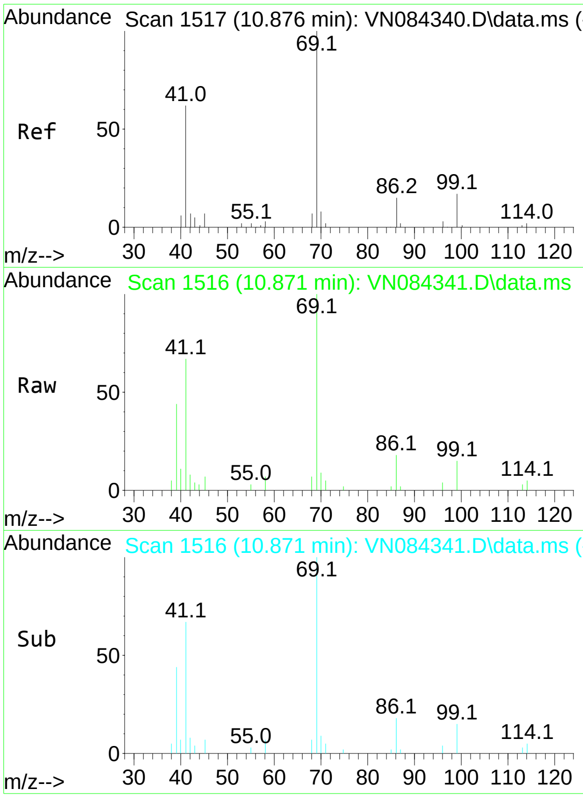


#50
1,1,2-Trichloroethane
Concen: 5.065 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 97 Resp: 10856

Ion	Ratio	Lower	Upper
97	100		
83	72.5	67.8	101.8
85	52.9	44.2	66.2
99	55.7	47.8	71.8





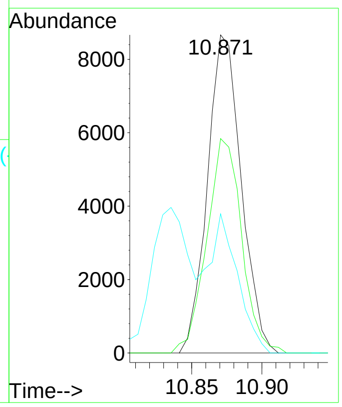
#51
Ethyl methacrylate
Concen: 4.109 ug/l
RT: 10.871 min Scan# 15
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

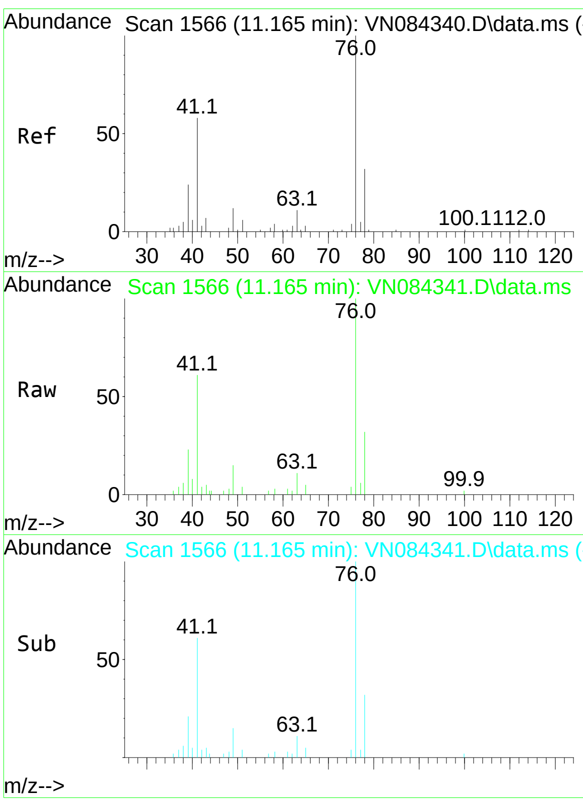
Tgt Ion: 69 Resp: 14547

Ion	Ratio	Lower	Upper
69	100		
41	65.6	30.9	92.7
39	43.7	16.6	49.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

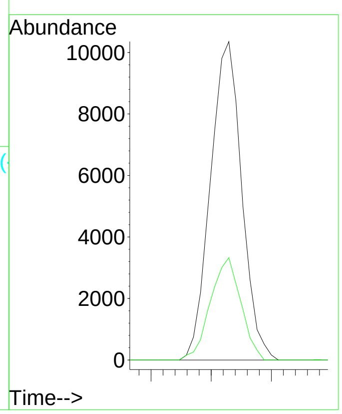


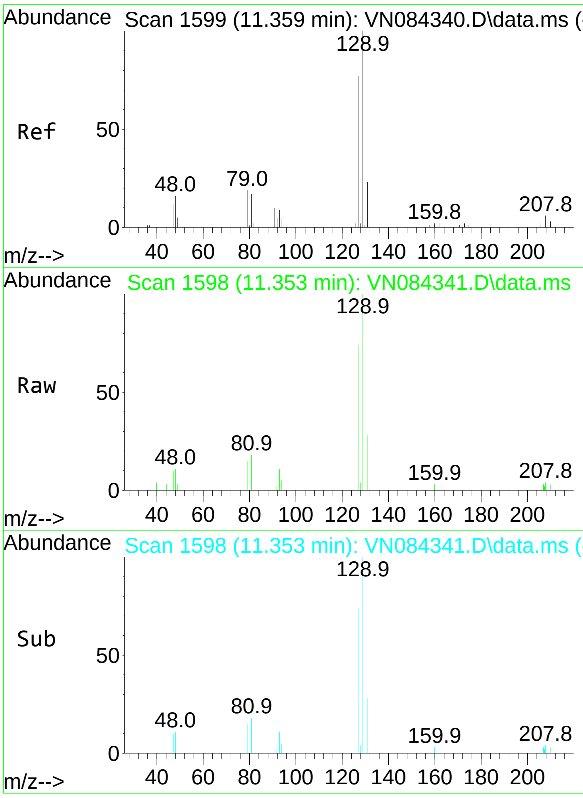


#52
1,3-Dichloropropane
Concen: 5.011 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 76 Resp: 18781

Ion	Ratio	Lower	Upper
76	100		
78	31.1	0.0	64.2





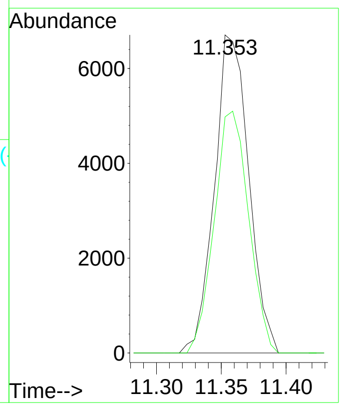
#53
Dibromochloromethane
Concen: 4.880 ug/l
RT: 11.353 min Scan# 15
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

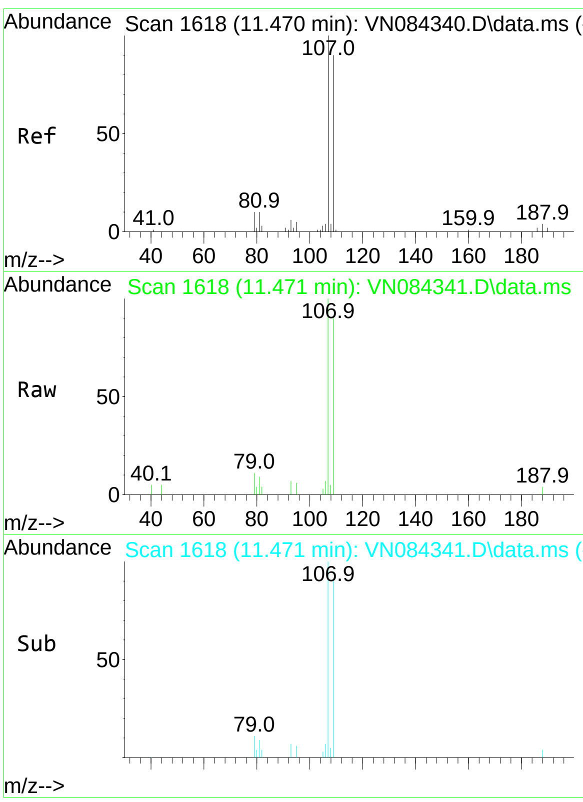
Tgt Ion:129 Resp: 12356

Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.5	115.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

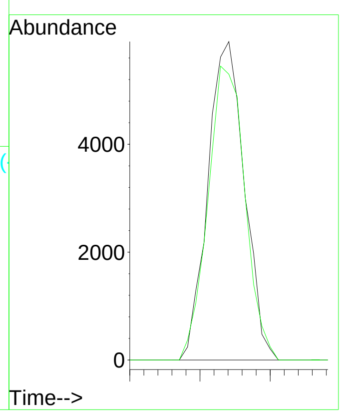


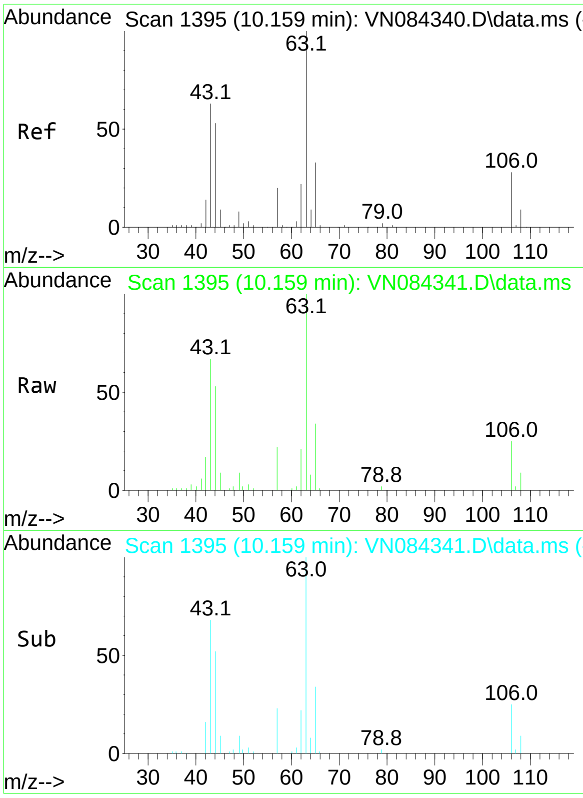


#54
1,2-Dibromoethane
Concen: 4.844 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:107 Resp: 10689

Ion	Ratio	Lower	Upper
107	100		
109	93.8	73.8	110.6





#55
2-Chloroethyl vinyl ether
Concen: 21.155 ug/l
RT: 10.159 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

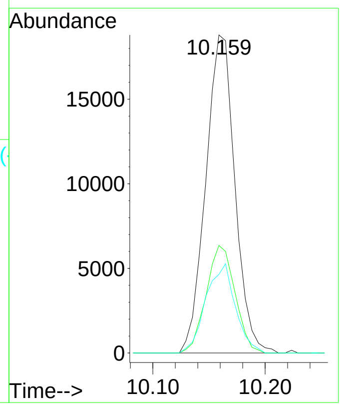
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

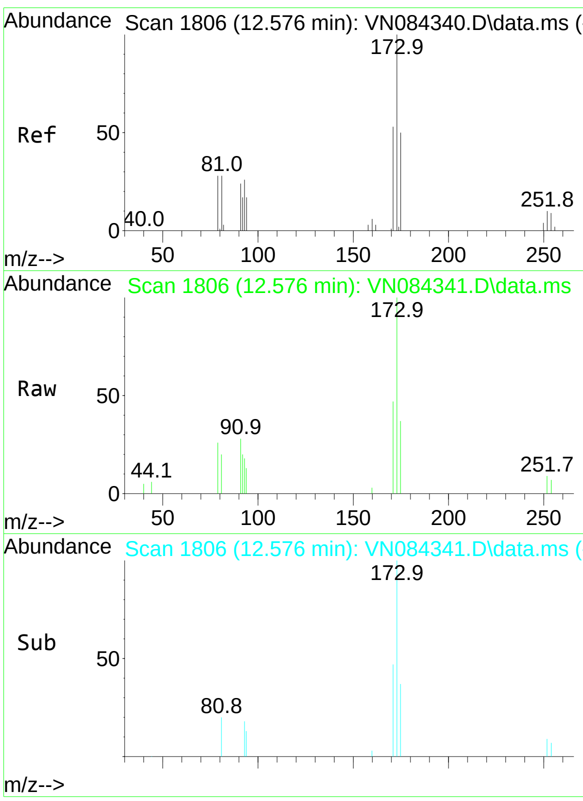
Tgt Ion: 63 Resp: 33972

Ion	Ratio	Lower	Upper
63	100		
65	33.4	25.6	38.4
106	28.4	21.6	32.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

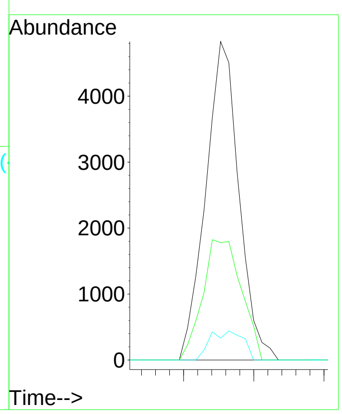


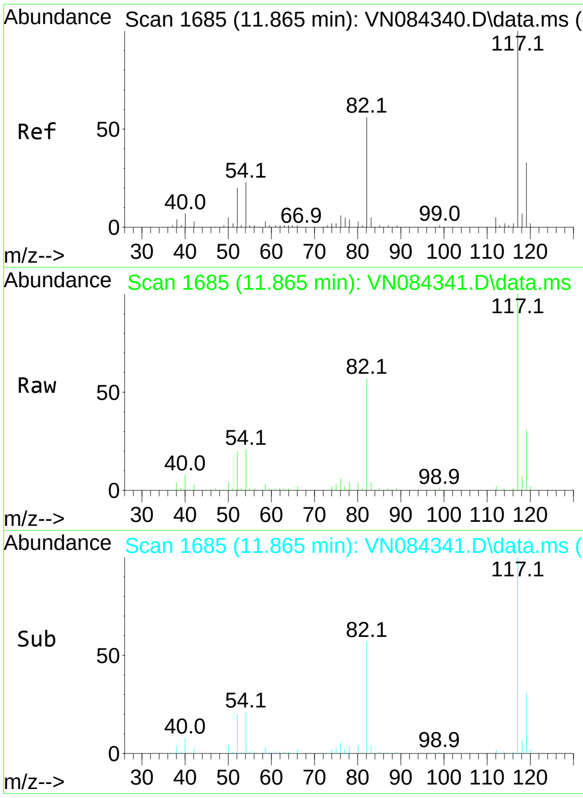


#56
Bromoform
Concen: 4.725 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:173 Resp: 7936

Ion	Ratio	Lower	Upper
173	100		
175	44.2	39.4	59.2
254	4.0	6.8	10.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min   Scan# 16
Delta R.T.   0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024   11:19

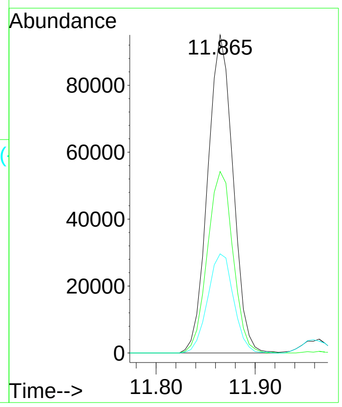
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

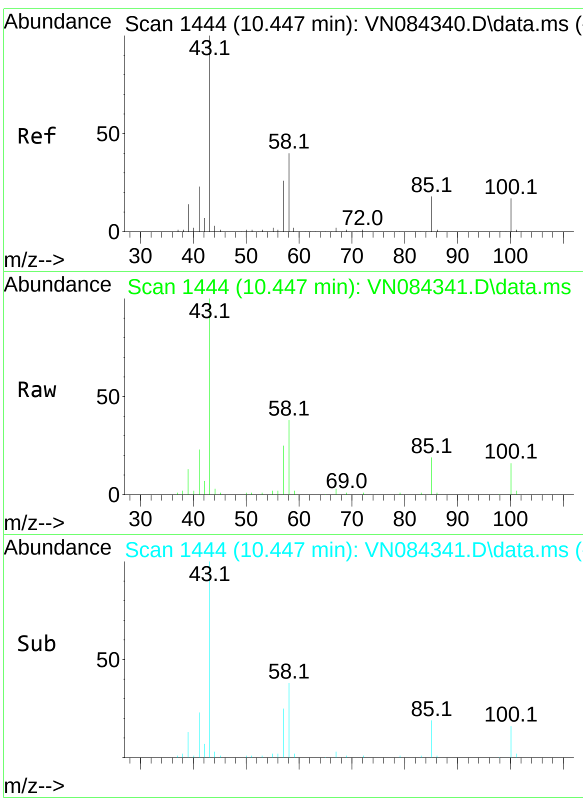
Tgt Ion:117 Resp: 168912

Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.2	69.4
119	31.8	25.4	38.2

Manual Integrations
APPROVED

Reviewed By :John Carlone   10/09/2024
Supervised By :Mahesh Dadoda   10/09/2024

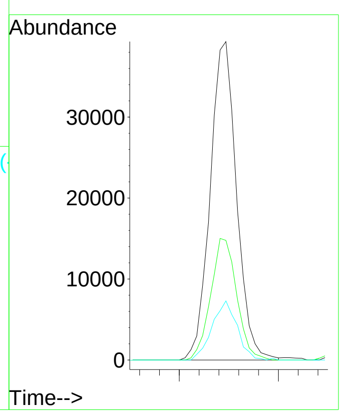


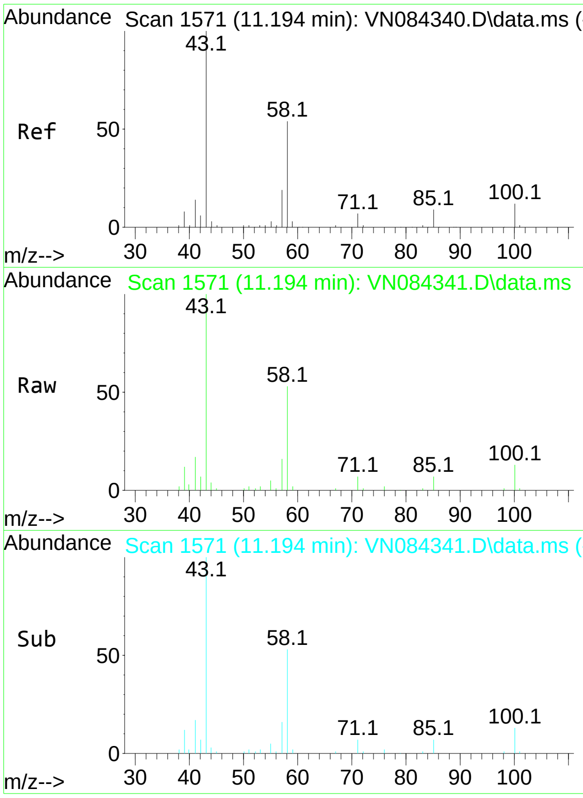


#58
4-Methyl-2-Pentanone
Concen: 23.145 ug/l
RT: 10.447 min   Scan# 1444
Delta R.T.   0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024   11:19

Tgt Ion: 43 Resp: 72827

Ion	Ratio	Lower	Upper
43	100		
58	37.7	31.9	47.9
85	17.6	14.6	22.0





#59
2-Hexanone
Concen: 22.071 ug/l
RT: 11.194 min Scan# 15
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

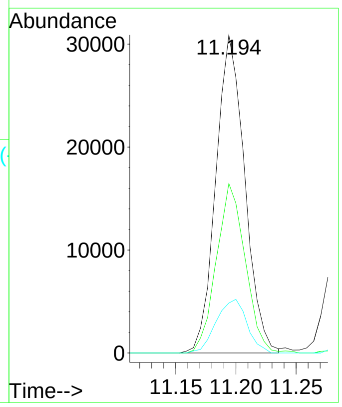
Tgt Ion: 43 Resp: 51606

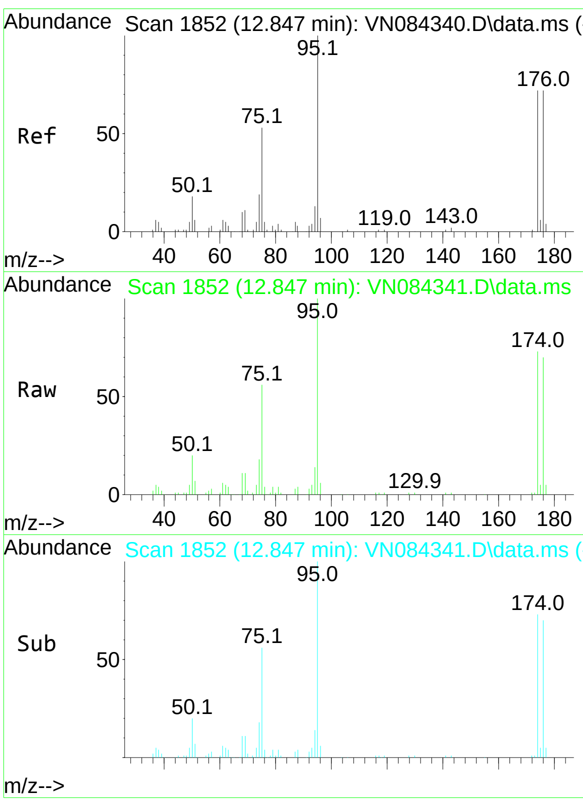
Ion	Ratio	Lower	Upper
43	100		
58	53.0	44.0	66.0
57	17.9	15.4	23.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

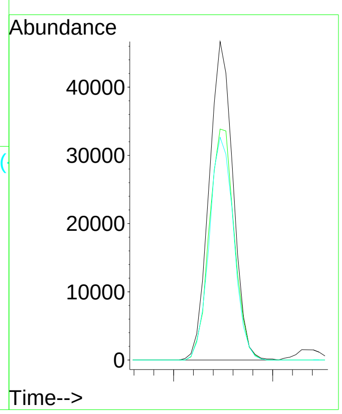


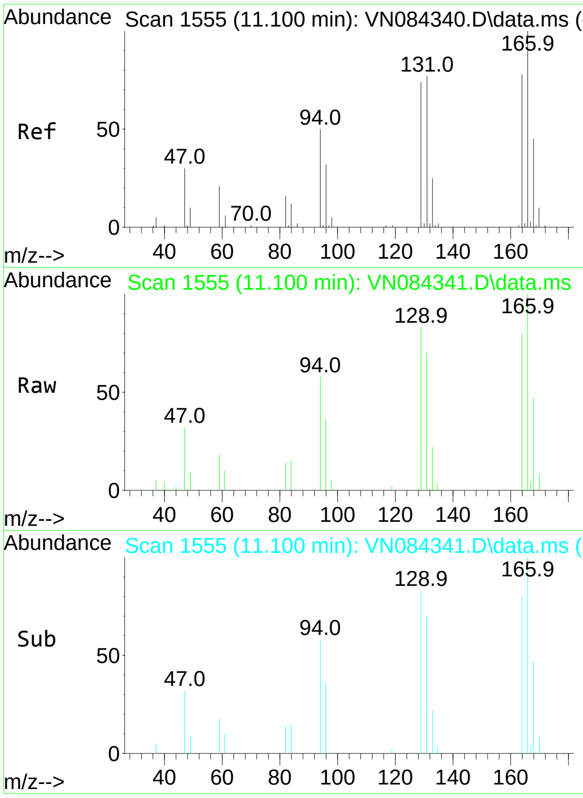


#60
4-Bromofluorobenzene
Concen: 28.170 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 95 Resp: 78531

Ion	Ratio	Lower	Upper
95	100		
174	75.5	58.2	87.2
176	71.4	56.4	84.6





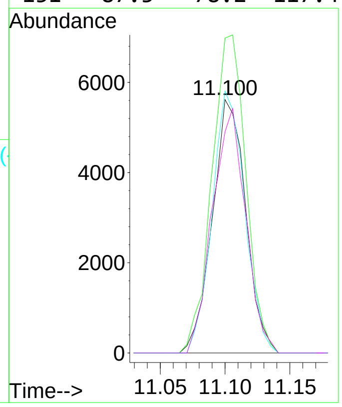
#61
Tetrachloroethene
Concen: 5.266 ug/l
RT: 11.100 min Scan# 15
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

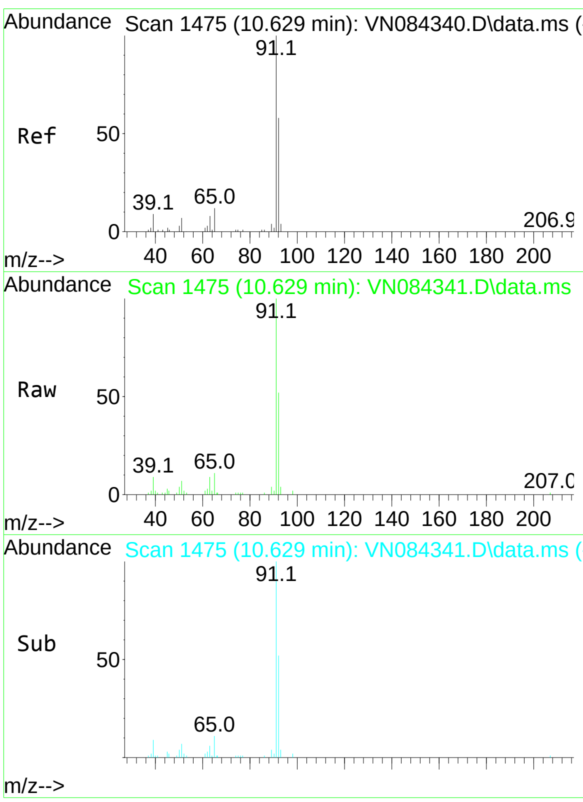
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:164 Resp: 10061

Ion	Ratio	Lower	Upper
164	100		
166	124.3	102.5	153.7
129	103.3	75.7	113.5
131	87.3	78.2	117.4

Manual Integrations
APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

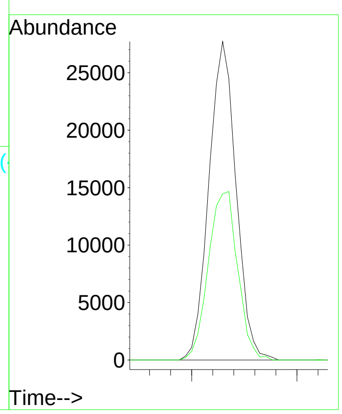


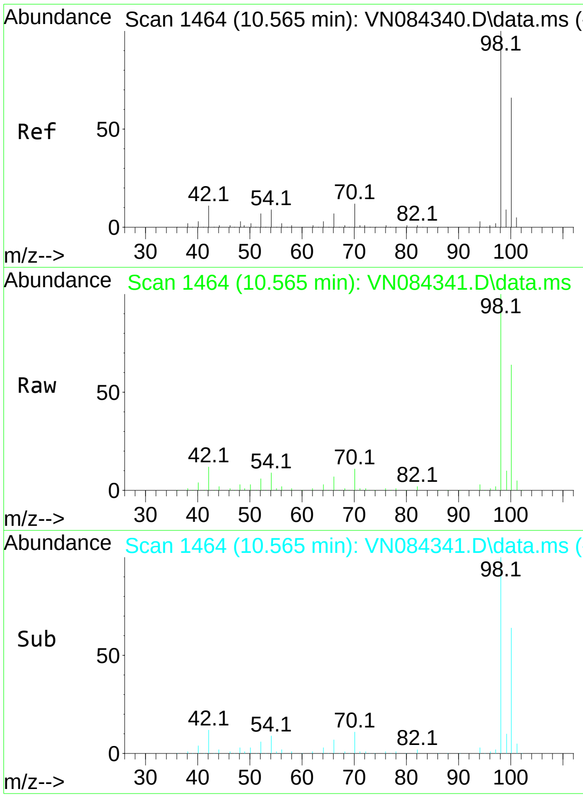


#62
Toluene
Concen: 5.030 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 91 Resp: 49743

Ion	Ratio	Lower	Upper
91	100		
92	57.1	47.2	70.8





#63
Toluene-d8
Concen: 30.307 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

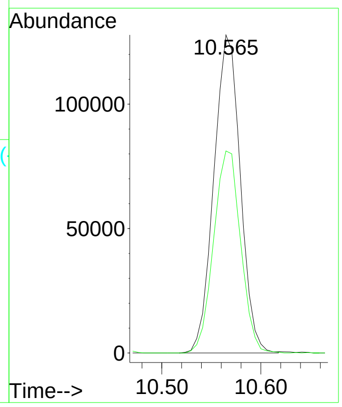
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

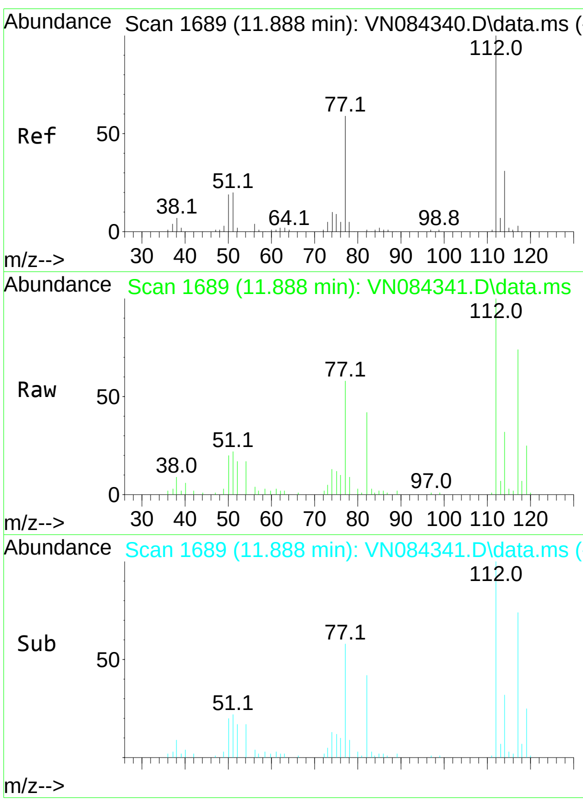
Tgt Ion: 98 Resp: 237159

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.5	78.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

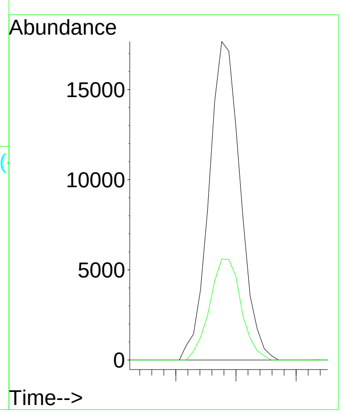


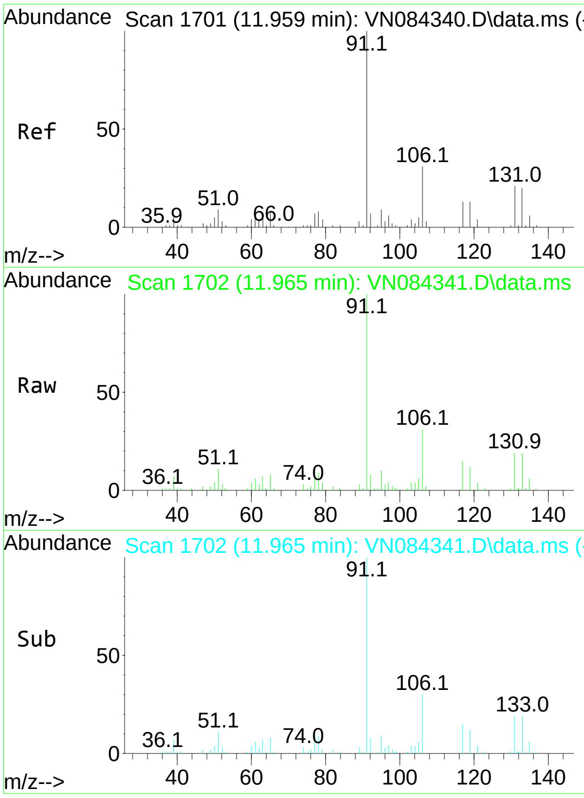


#64
Chlorobenzene
Concen: 5.199 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:112 Resp: 31991

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.1	37.7





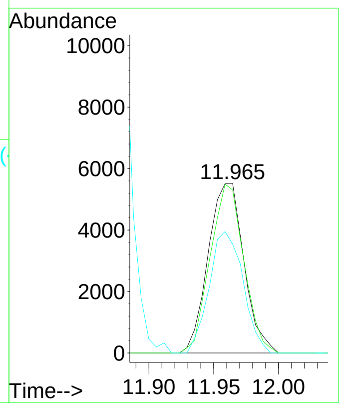
#65
1,1,1,2-Tetrachloroethane
Concen: 4.961 ug/l
RT: 11.965 min Scan# 17
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

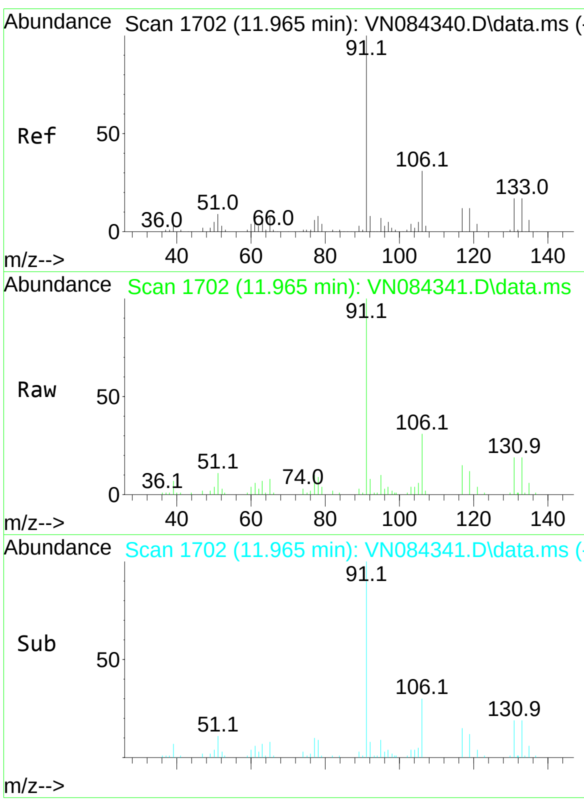
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:131 Resp: 10606

Ion	Ratio	Lower	Upper
131	100		
133	93.6	0.0	190.4
119	68.0	0.0	130.0

Manual Integrations
APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

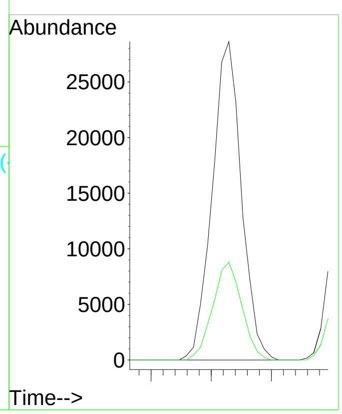


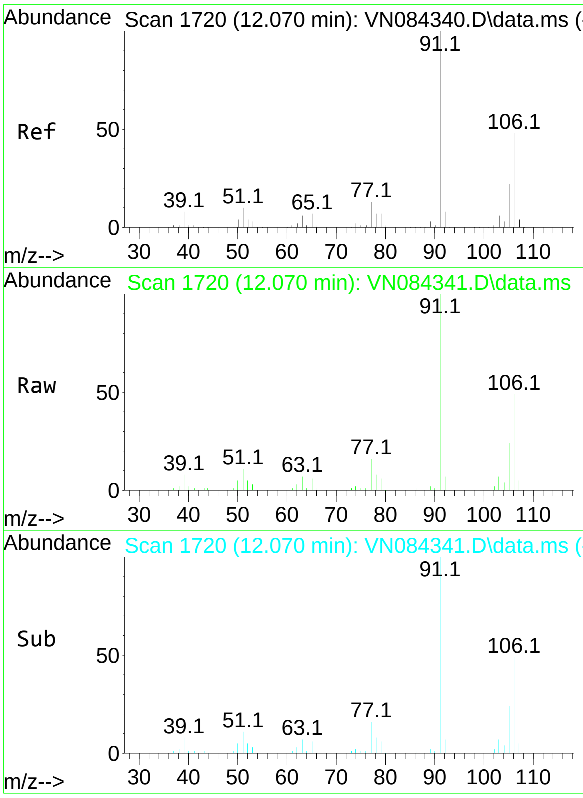


#66
Ethyl Benzene
Concen: 4.494 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 91 Resp: 48285

Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.2	37.8





#67
m/p-Xylenes
Concen: 9.030 ug/l
RT: 12.070 min Scan# 17
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

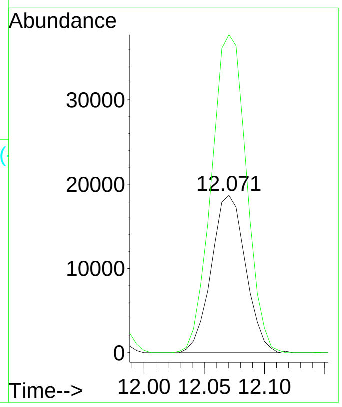
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

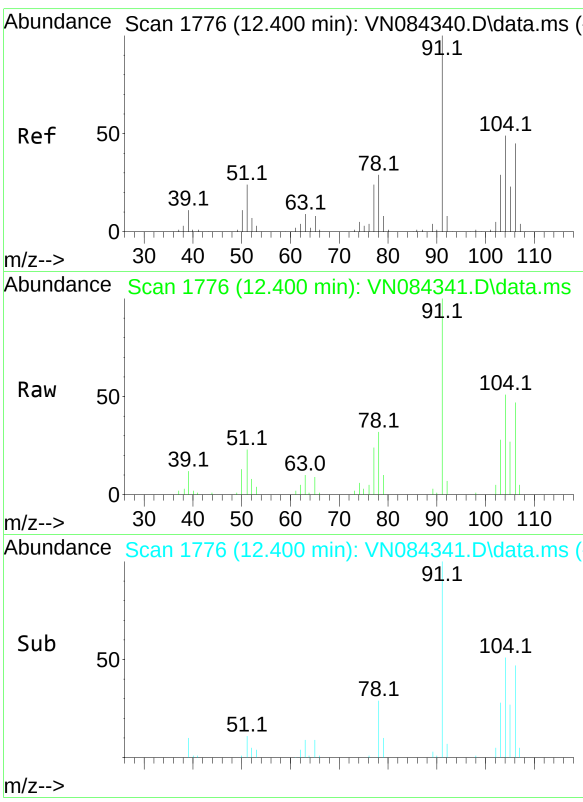
Tgt Ion:106 Resp: 36802

Ion	Ratio	Lower	Upper
106	100		
91	206.9	166.7	250.1

Manual Integrations APPROVED

Reviewed By :John Carlone   10/09/2024
Supervised By :Mahesh Dadoda   10/09/2024

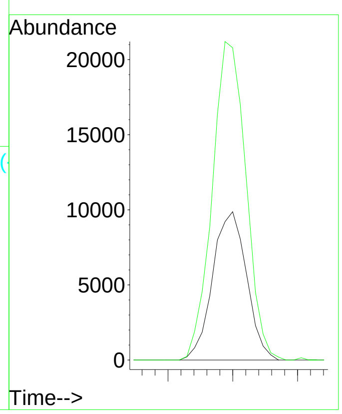


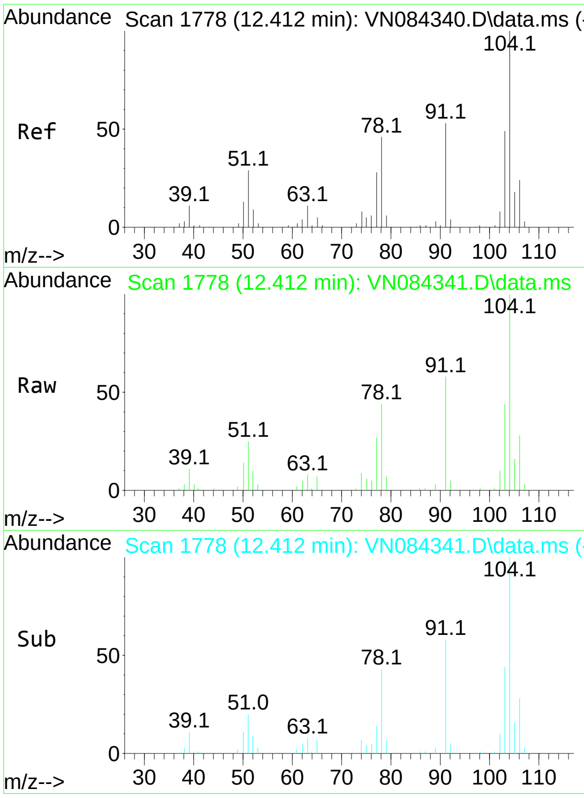


#68
o-Xylene
Concen: 4.591 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:106 Resp: 18036

Ion	Ratio	Lower	Upper
106	100		
91	212.7	110.9	332.9



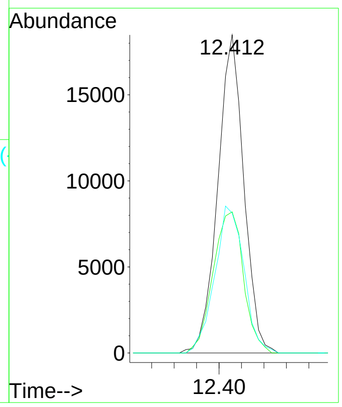


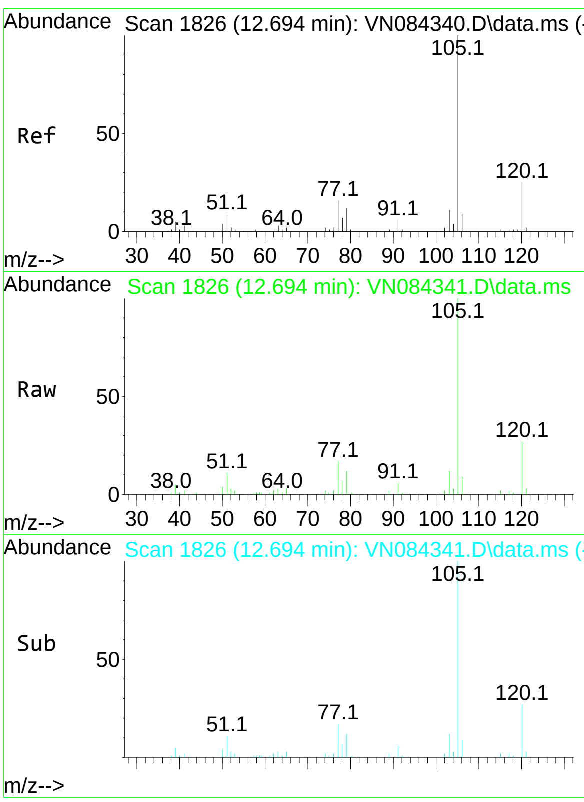
#69
Styrene
Concen: 4.421 ug/l
RT: 12.412 min Scan# 17
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:104	Resp:	29815	
Ion	Ratio	Lower	Upper
104	100		
78	52.0	41.6	62.4
103	51.9	44.4	66.6

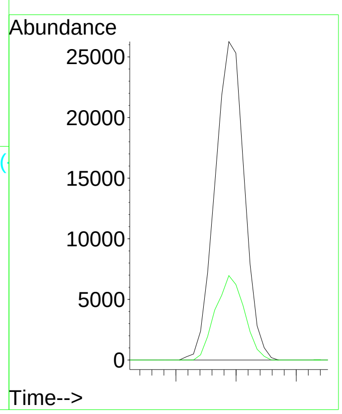
Manual Integrations
APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

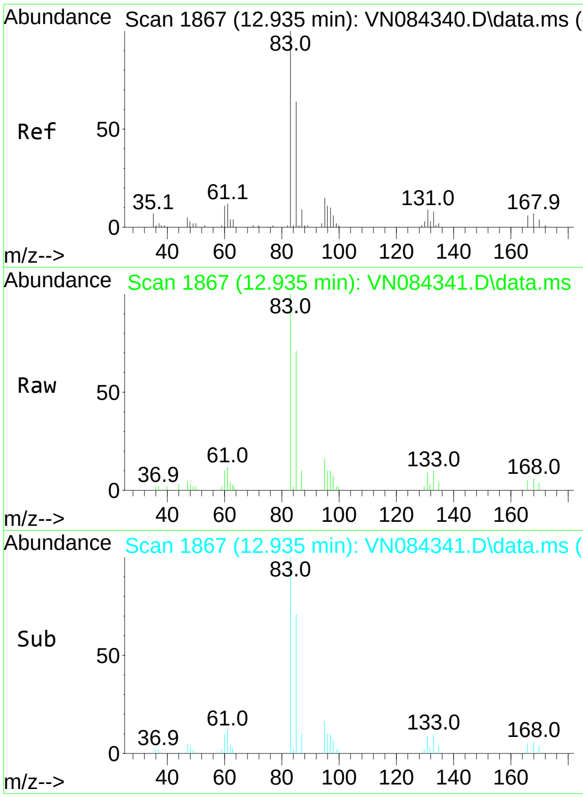




#70
Isopropylbenzene
Concen: 4.455 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:105	Resp:	44677	
Ion	Ratio	Lower	Upper
105	100		
120	26.1	17.4	32.4





#71
1,1,2,2-Tetrachloroethane
Concen: 4.928 ug/l
RT: 12.935 min Scan# 18
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

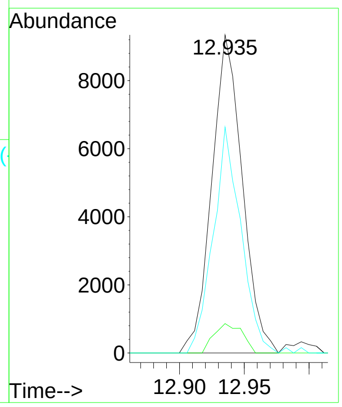
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

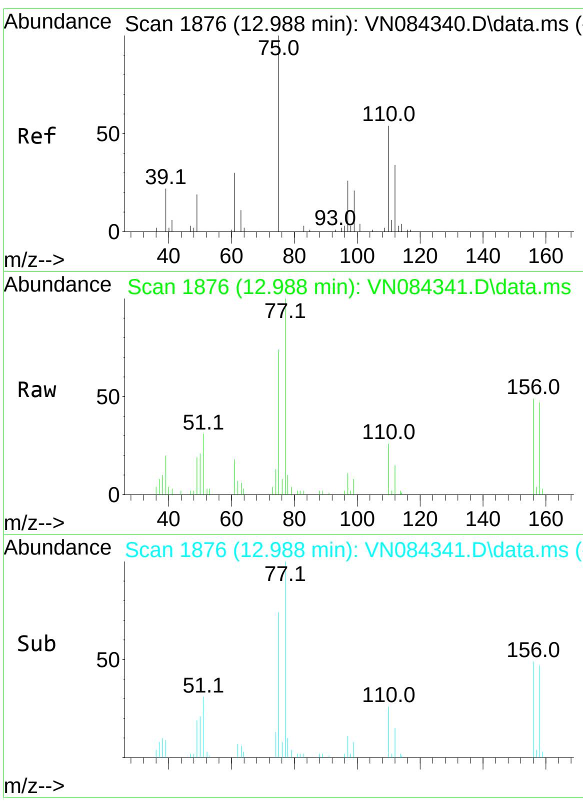
Tgt Ion: 83 Resp: 15289

Ion	Ratio	Lower	Upper
83	100		
131	8.6	5.1	15.3
85	64.7	32.0	96.2

Manual Integrations APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

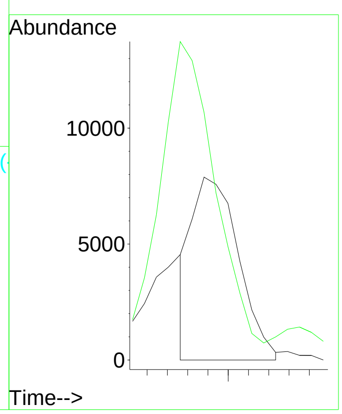


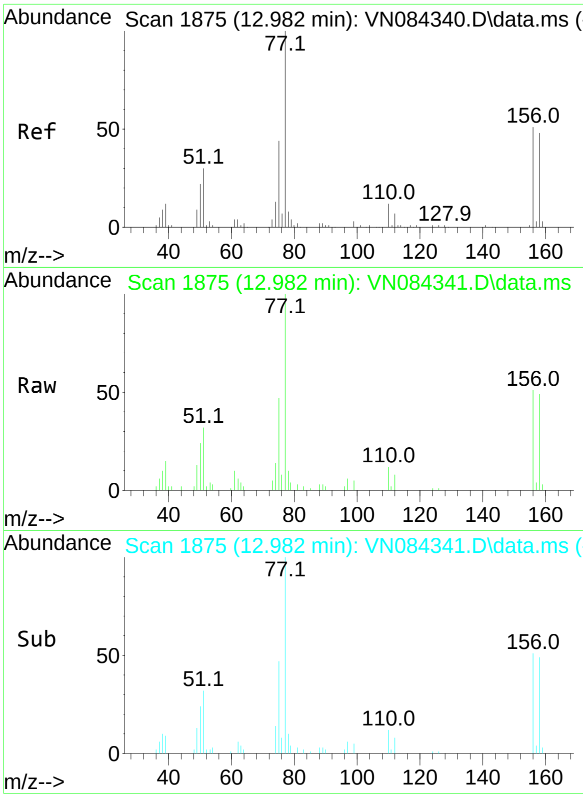


#72
1,2,3-Trichloropropane
Concen: 4.794 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 75 Resp: 12720

Ion	Ratio	Lower	Upper
75	100		
77	213.3	0.0	414.0





#73
Bromobenzene
Concen: 4.826 ug/l
RT: 12.982 min Scan# 18
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

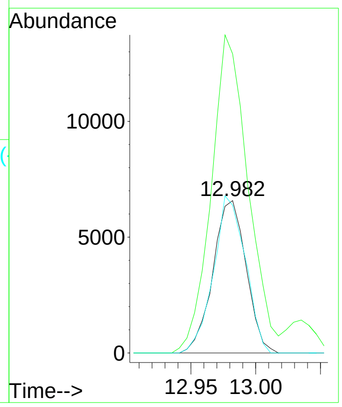
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

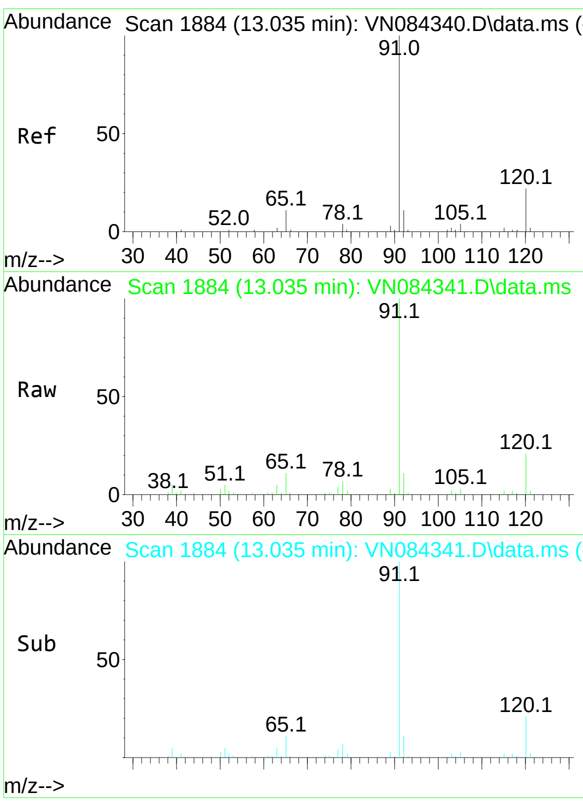
Tgt Ion:156 Resp: 11720

Ion	Ratio	Lower	Upper
156	100		
77	231.5	0.0	451.0
158	99.2	0.0	194.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

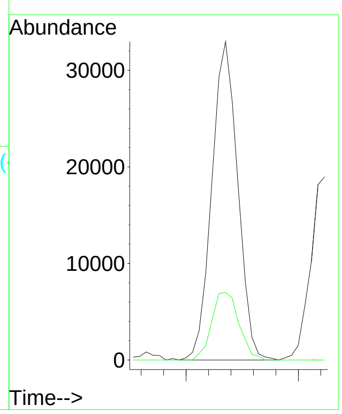


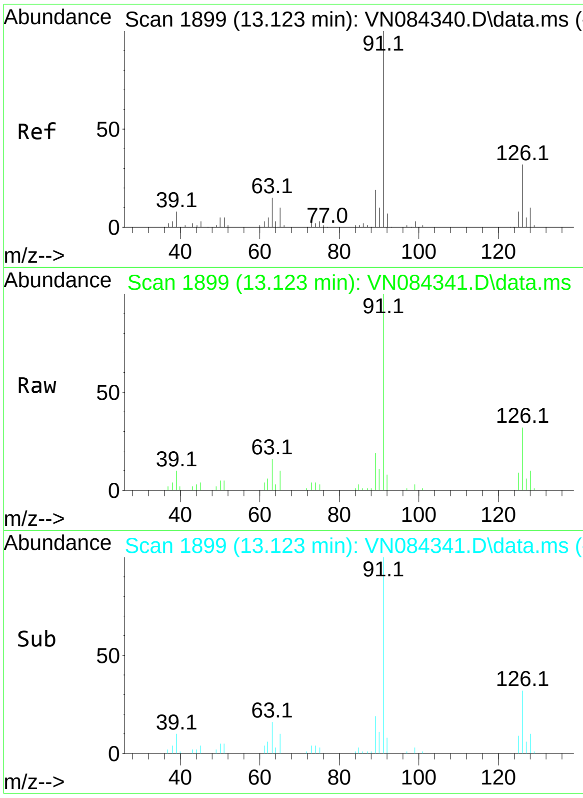


#74
n-propylbenzene
Concen: 4.431 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 91 Resp: 52955

Ion	Ratio	Lower	Upper
91	100		
120	22.4	0.0	43.2





#75
2-Chlorotoluene
Concen: 4.673 ug/l
RT: 13.123 min Scan# 18
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

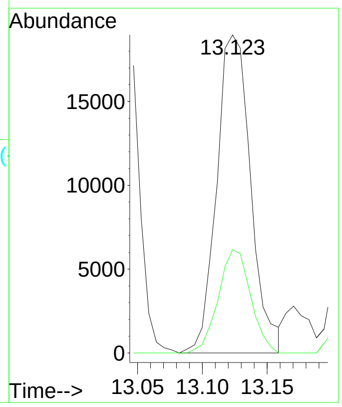
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

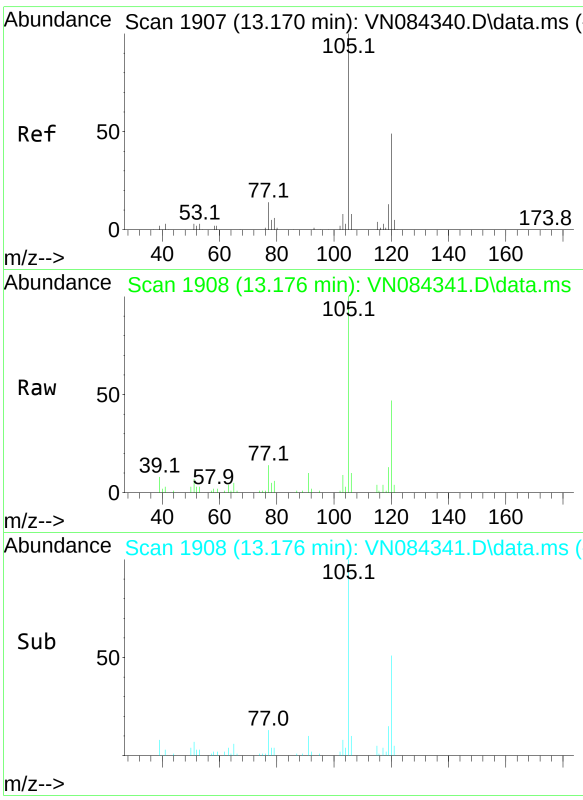
Tgt Ion: 91 Resp: 34704

Ion	Ratio	Lower	Upper
91	100		
126	30.8	0.0	64.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

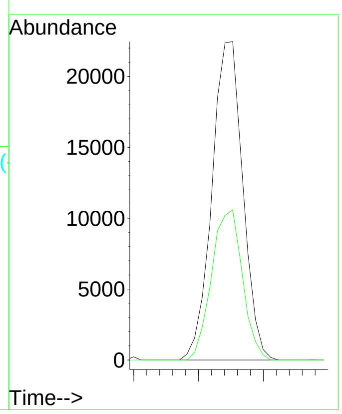


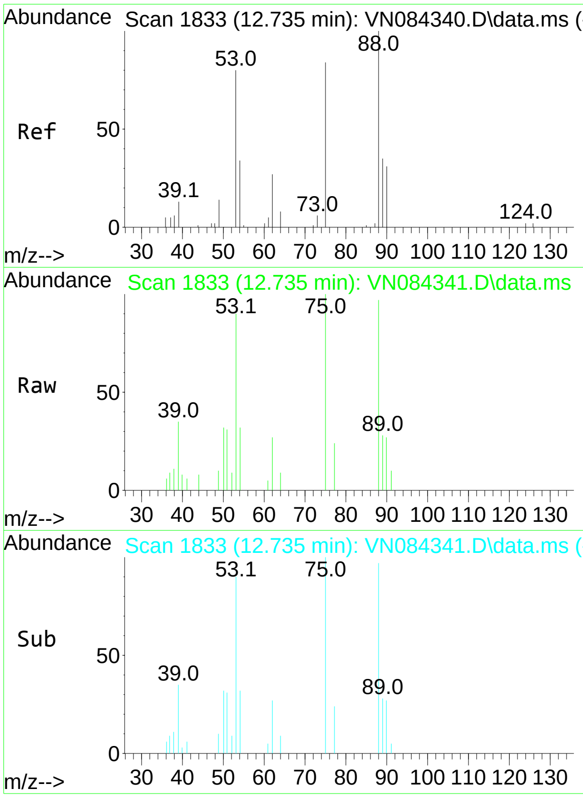


#76
1,3,5-Trimethylbenzene
Concen: 4.410 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:105 Resp: 37234

Ion	Ratio	Lower	Upper
105	100		
120	47.0	0.0	94.4





#77
t-1,4-Dichloro-2-butene
Concen: 4.245 ug/l
RT: 12.735 min Scan# 18
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

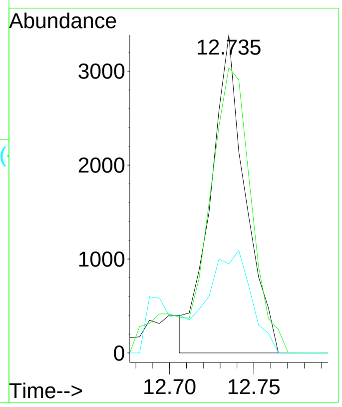
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

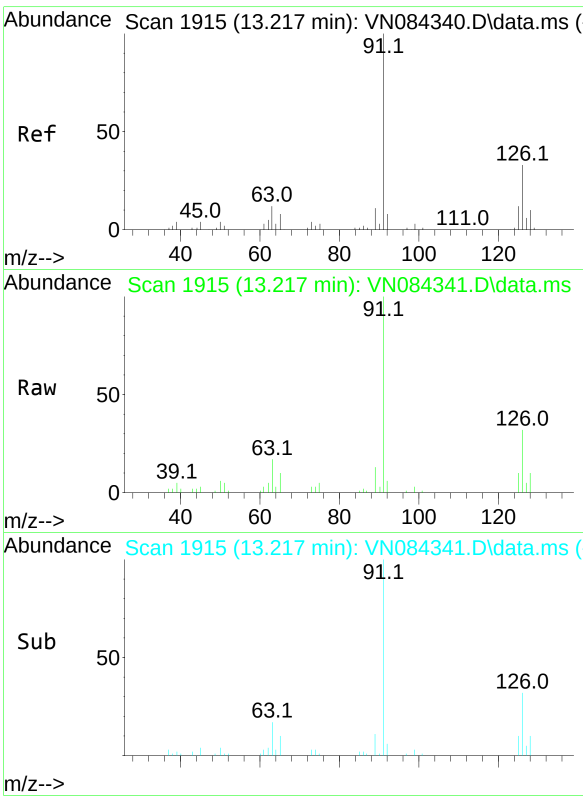
Tgt Ion: 75 Resp: 4820

Ion	Ratio	Lower	Upper
75	100		
53	82.4	47.3	142.0
89	28.0	22.9	68.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

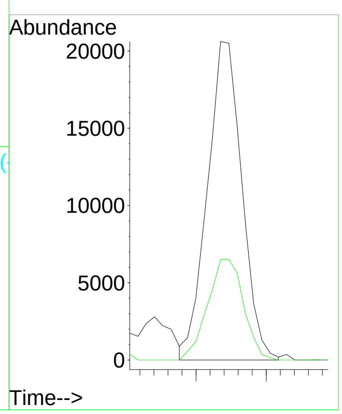


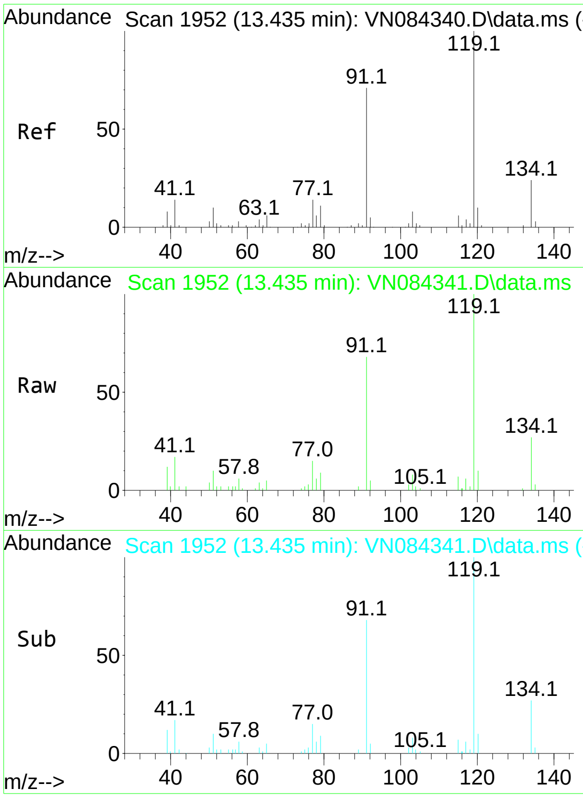


#78
4-Chlorotoluene
Concen: 4.653 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 91 Resp: 35132

Ion	Ratio	Lower	Upper
91	100		
126	33.0	0.0	62.4





#79
tert-butylbenzene
Concen: 4.384 ug/l
RT: 13.435 min Scan# 19
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

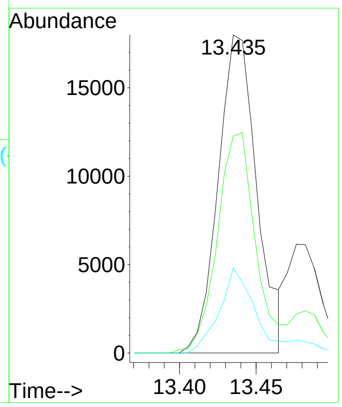
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

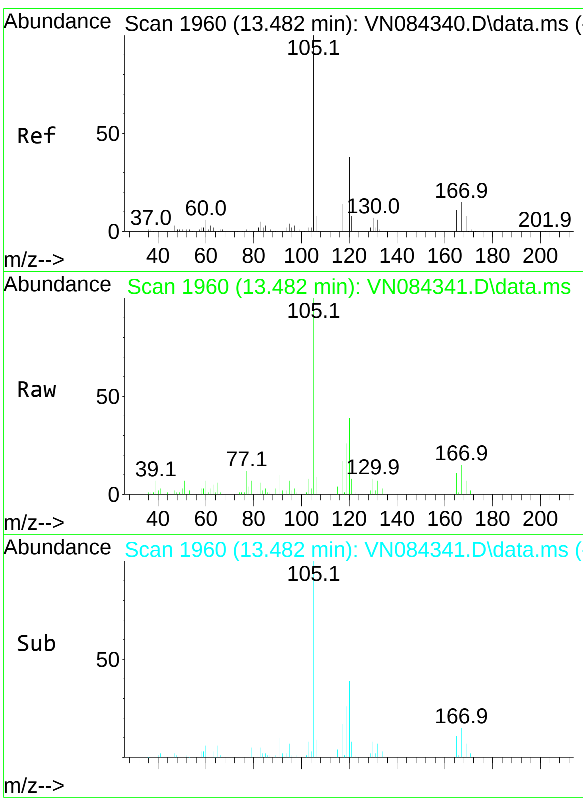
Tgt Ion:119 Resp: 31579

Ion	Ratio	Lower	Upper
119	100		
91	67.7	0.0	138.0
134	23.7	0.0	48.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

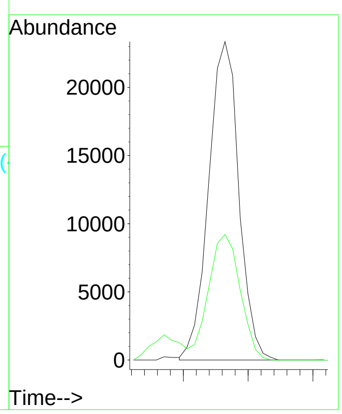


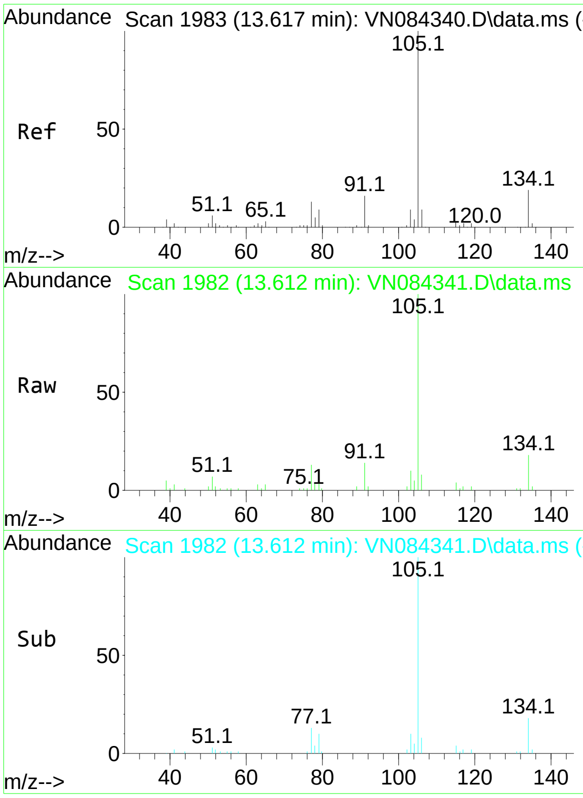


#80
1,2,4-Trimethylbenzene
Concen: 4.427 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:105 Resp: 37927

Ion	Ratio	Lower	Upper
105	100		
120	41.2	0.0	88.8





#81
sec-Butylbenzene
Concen: 4.321 ug/l
RT: 13.612 min Scan# 19
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

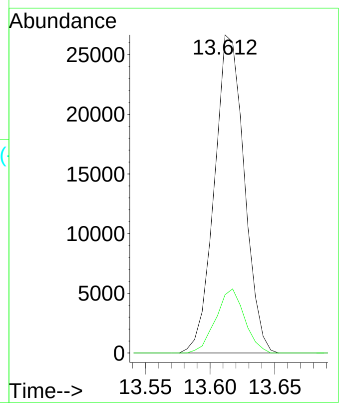
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

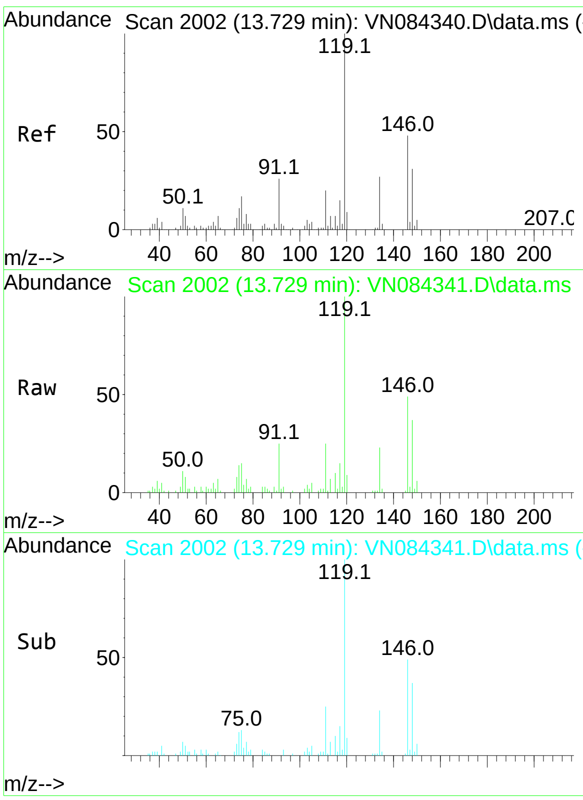
Tgt Ion:105 Resp: 42859

Ion	Ratio	Lower	Upper
105	100		
134	19.3	0.0	38.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

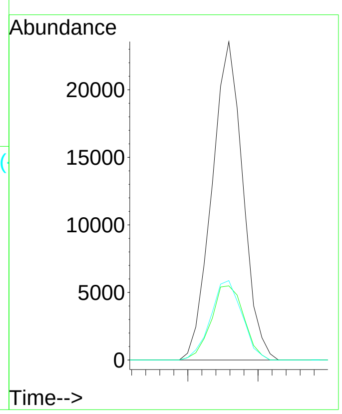


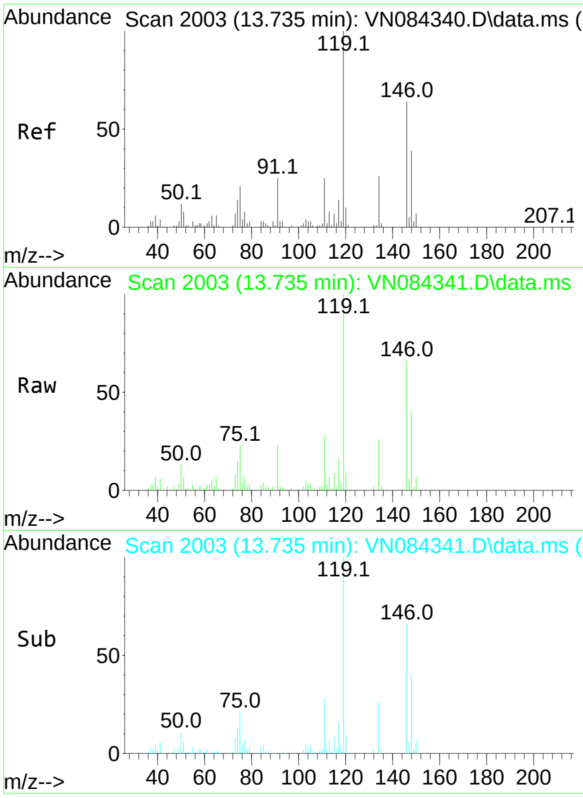


#82
p-Isopropyltoluene
Concen: 4.335 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:119 Resp: 36191

Ion	Ratio	Lower	Upper
119	100		
134	24.8	0.0	50.2
91	25.4	0.0	50.6





#83
1,3-Dichlorobenzene
Concen: 4.675 ug/l
RT: 13.735 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

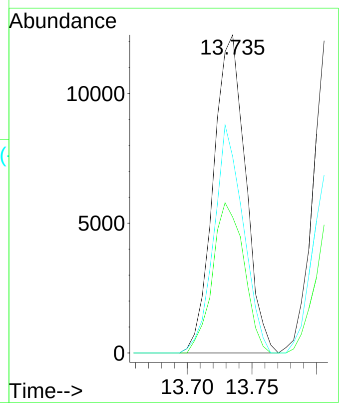
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

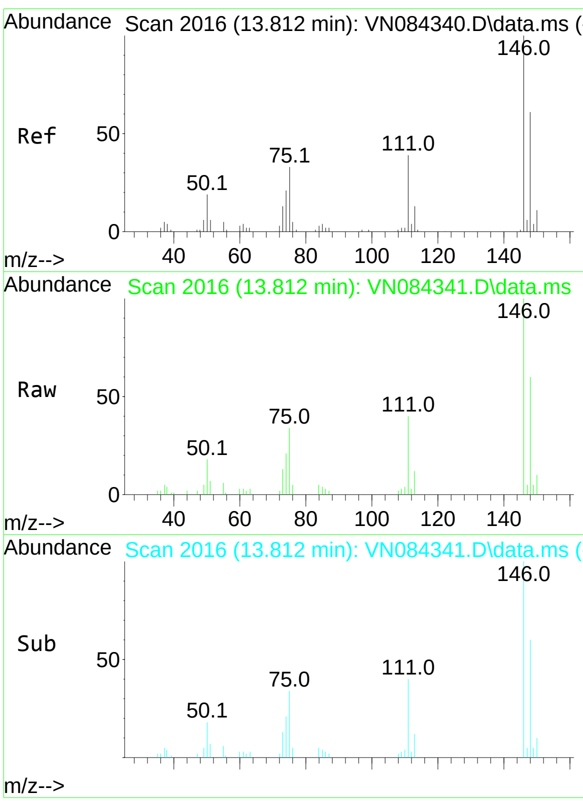
Tgt Ion:146 Resp: 21112

Ion	Ratio	Lower	Upper
146	100		
111	46.3	20.6	61.9
148	65.3	31.6	94.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

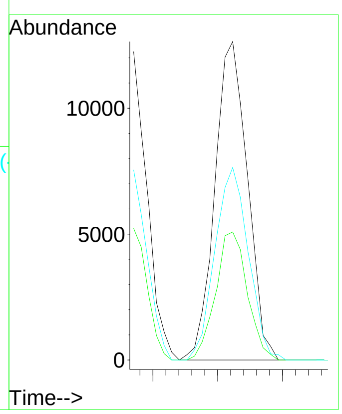


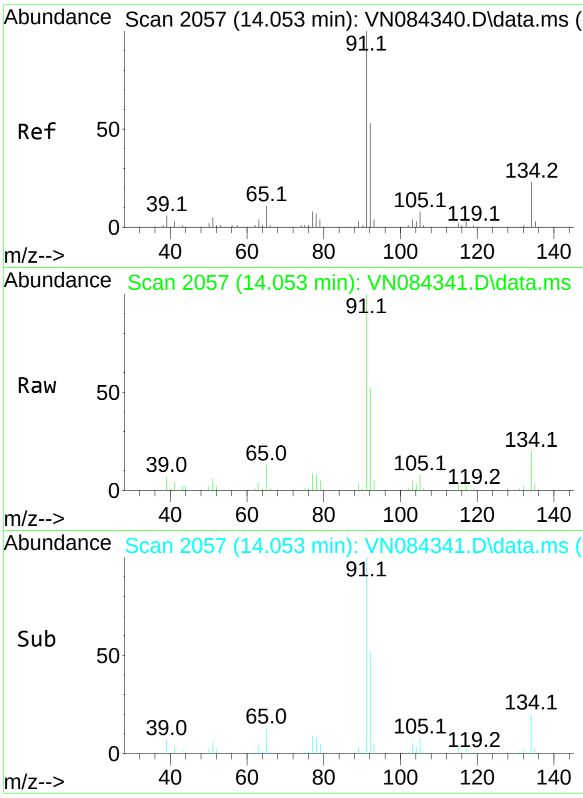


#84
1,4-Dichlorobenzene
Concen: 4.932 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:146 Resp: 22118

Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.5	61.5
148	62.1	32.5	97.4





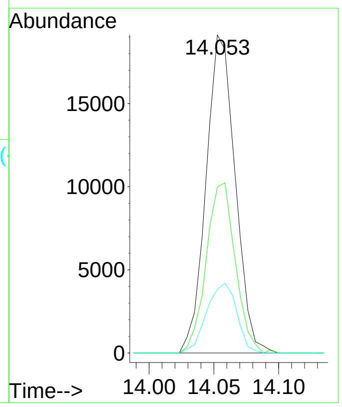
#85
n-Butylbenzene
Concen: 4.148 ug/l
RT: 14.053 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

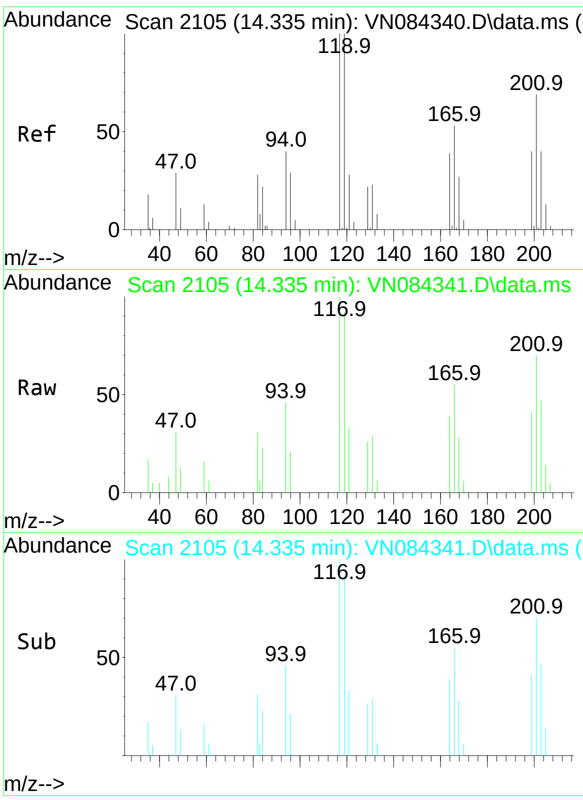
Tgt Ion: 91 Resp: 29988

Ion	Ratio	Lower	Upper
91	100		
92	53.1	0.0	103.4
134	22.6	0.0	48.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

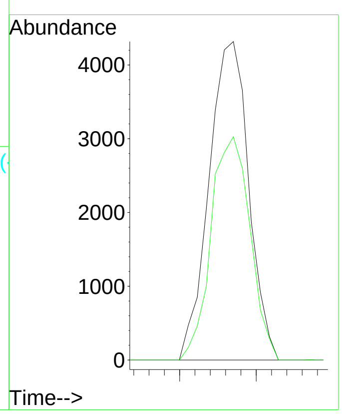


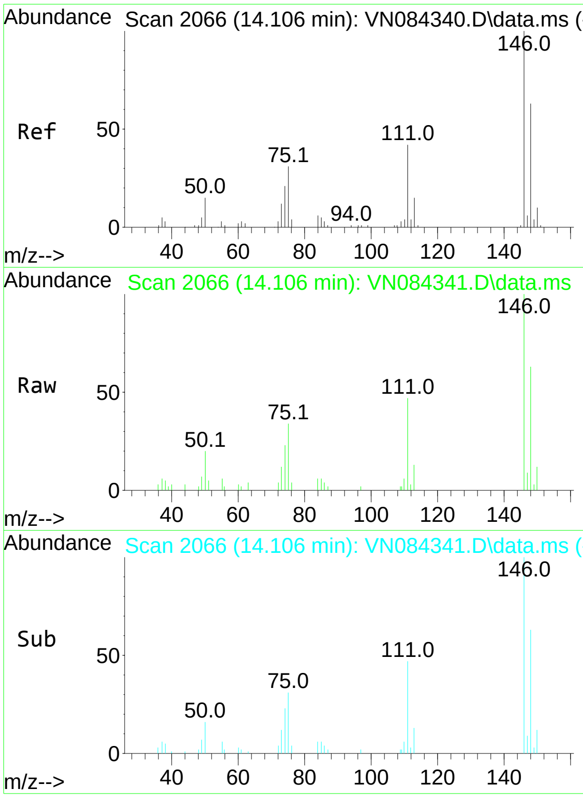


#86
Hexachloroethane
Concen: 4.837 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:117 Resp: 7779

Ion	Ratio	Lower	Upper
117	100		
201	69.0	33.9	101.6

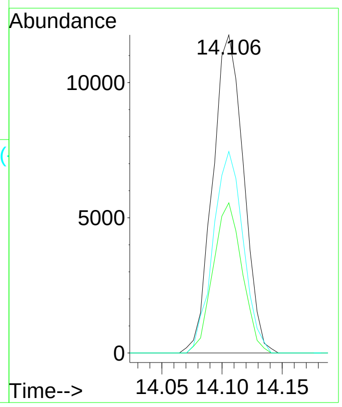




#87
1,2-Dichlorobenzene
Concen: 4.820 ug/l
RT: 14.106 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:146 Resp: 21047

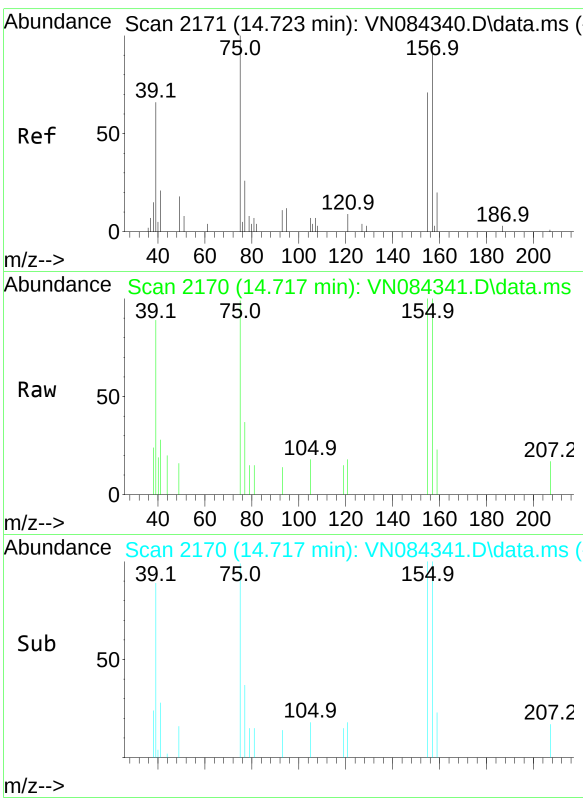
Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.9	65.5
148	61.8	31.1	93.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

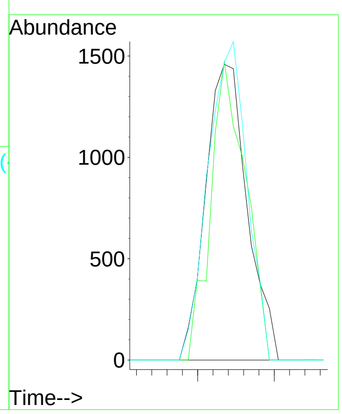
Reviewed By :John Carlone   10/09/2024
Supervised By :Mahesh Dadoda   10/09/2024

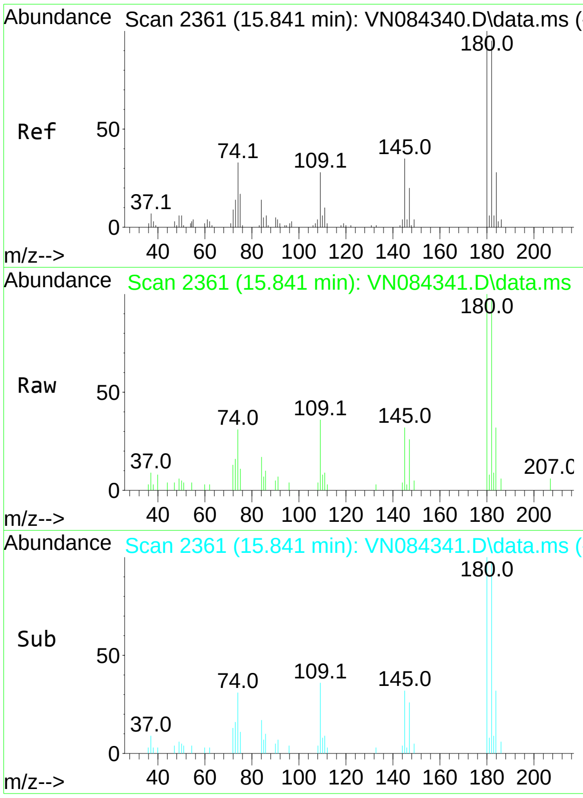


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.352 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 75 Resp: 2761

Ion	Ratio	Lower	Upper
75	100		
155	85.0	61.8	92.8
157	101.1	77.4	116.0





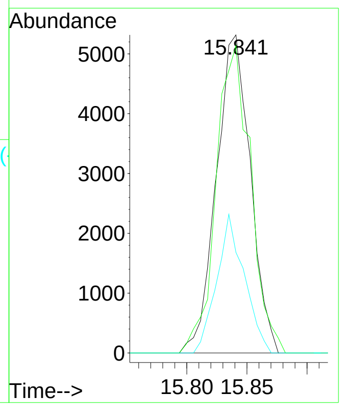
#89
1,2,4-Trichlorobenzene
Concen: 4.618 ug/l
RT: 15.841 min Scan# 23
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

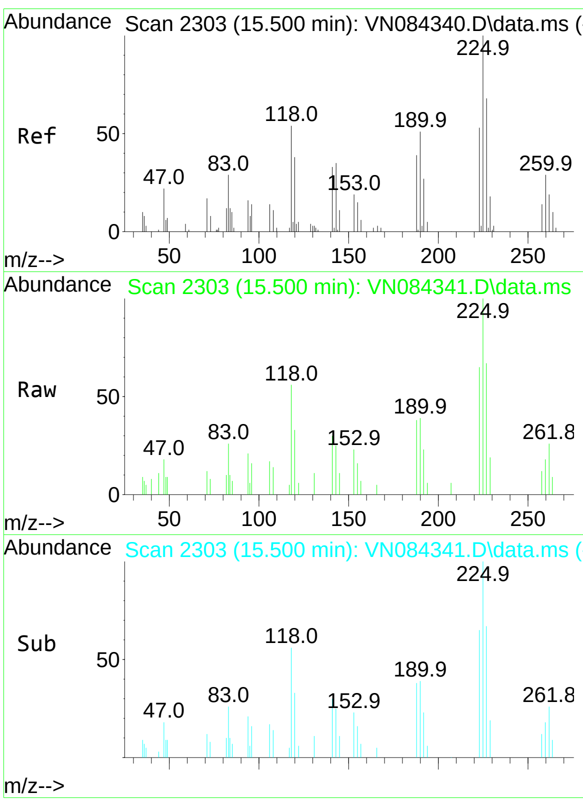
Tgt Ion:180 Resp: 10483

Ion	Ratio	Lower	Upper
180	100		
182	98.2	77.8	116.6
145	35.2	28.9	43.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED
Reviewed By :John Carlone   10/09/2024
Supervised By :Mahesh Dadoda   10/09/2024

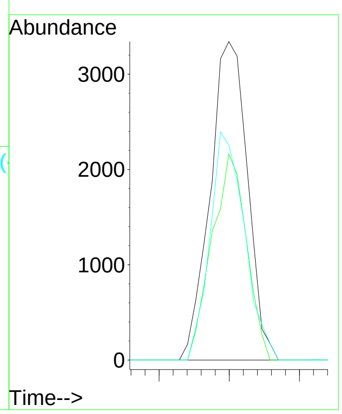


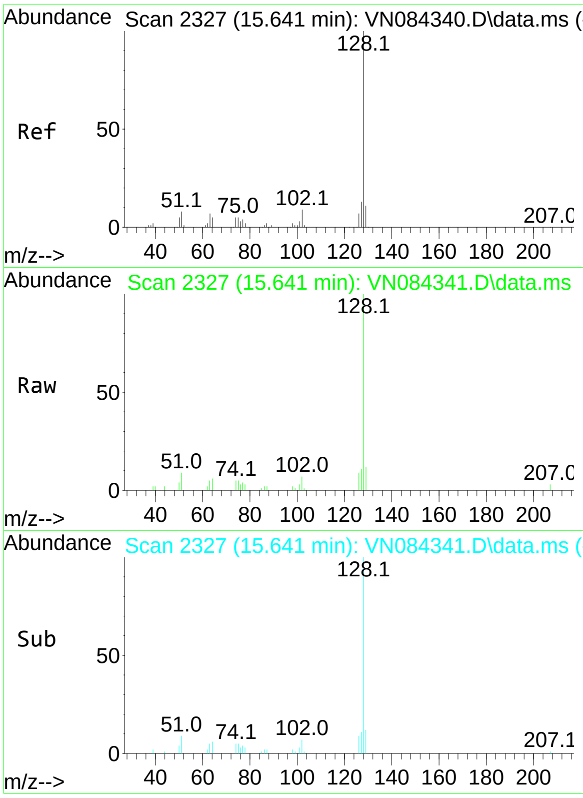


#90
Hexachlorobutadiene
Concen: 5.904 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:225 Resp: 6201

Ion	Ratio	Lower	Upper
225	100		
223	59.6	0.0	124.0
227	66.3	0.0	130.8

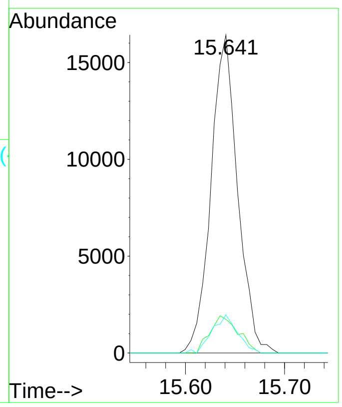




#91
Naphthalene
Concen: 3.998 ug/l
RT: 15.641 min Scan# 23
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

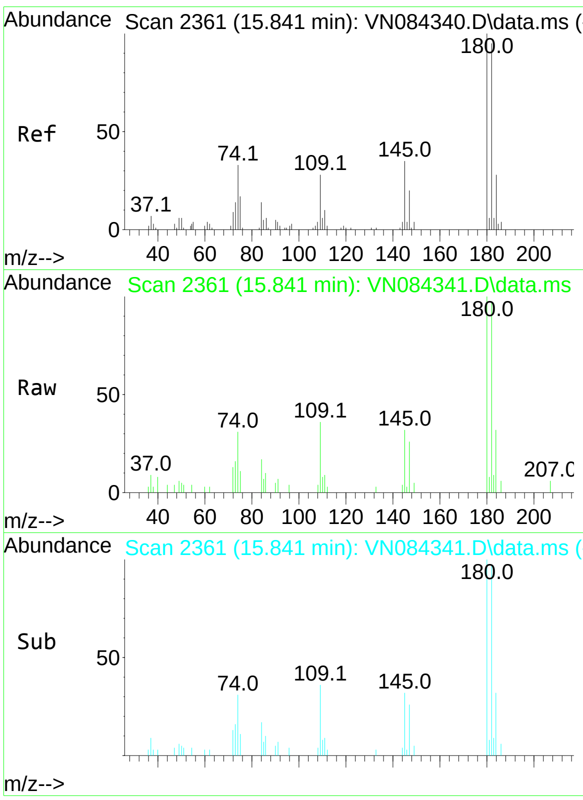
Tgt Ion:128 Resp: 30757

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	11.3	8.8	13.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#92
1,2,3-Trichlorobenzene
Concen: 4.618 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:180 Resp: 10483

Ion	Ratio	Lower	Upper
180	100		
182	98.2	0.0	194.4
145	35.2	0.0	72.2