

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083343.D
 Acq On : 15 Aug 2024 20:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2024
 Supervised By : Mahesh Dadoda 08/16/2024

Quant Time: Aug 16 04:00:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	136694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	218012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	121374	62.381	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 124.760%			
35) Dibromofluoromethane	8.165	113	88266	57.383	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.760%			
50) Toluene-d8	10.565	98	322787	56.256	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.520%			
62) 4-Bromofluorobenzene	12.847	95	127372	56.941	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	78360	50.551	ug/l	98
3) Chloromethane	2.359	50	78527	49.481	ug/l	97
4) Vinyl Chloride	2.512	62	88667	54.754	ug/l	99
5) Bromomethane	2.930	94	38656	38.471	ug/l	97
6) Chloroethane	3.106	64	58351	57.595	ug/l	98
7) Trichlorofluoromethane	3.489	101	154103	57.605	ug/l	97
8) Diethyl Ether	3.959	74	53852	54.098	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	82387	55.859	ug/l	99
10) Methyl Iodide	4.583	142	74001	38.142	ug/l	97
11) Tert butyl alcohol	5.524	59	121216	299.780	ug/l	98
12) 1,1-Dichloroethene	4.341	96	78413	51.748	ug/l	93
13) Acrolein	4.183	56	70377	267.053	ug/l	100
14) Allyl chloride	5.024	41	145544	50.828	ug/l	89
15) Acrylonitrile	5.718	53	241889	290.871	ug/l	98
16) Acetone	4.430	43	196819	258.516	ug/l	92
17) Carbon Disulfide	4.712	76	190644	42.998	ug/l	99
18) Methyl Acetate	5.024	43	139885	61.668	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	307113	56.152	ug/l	98
20) Methylene Chloride	5.277	84	92377	52.721	ug/l	84
21) trans-1,2-Dichloroethene	5.788	96	82194	52.483	ug/l	90
22) Diisopropyl ether	6.671	45	306030	56.856	ug/l	95
23) Vinyl Acetate	6.606	43	1561954m	283.114	ug/l	
24) 1,1-Dichloroethane	6.571	63	170448	58.096	ug/l	99
25) 2-Butanone	7.488	43	329209	281.612	ug/l	91
26) 2,2-Dichloropropane	7.494	77	128471	47.152	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	103720	54.883	ug/l	93
28) Bromochloromethane	7.812	49	64661	53.930	ug/l	87
29) Tetrahydrofuran	7.841	42	219566	290.550	ug/l	88
30) Chloroform	7.965	83	180196	59.118	ug/l	99
31) Cyclohexane	8.259	56	137096	47.547	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	167422	58.029	ug/l	96
36) 1,1-Dichloropropene	8.371	75	120205	51.660	ug/l	100
37) Ethyl Acetate	7.559	43	133003	51.051	ug/l #	94
38) Carbon Tetrachloride	8.365	117	141641	54.045	ug/l	100
39) Methylcyclohexane	9.600	83	137044	47.951	ug/l	92
40) Benzene	8.606	78	374221	53.986	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	75445	50.931	ug/l	95
42) 1,2-Dichloroethane	8.676	62	143973	57.017	ug/l	98
43) Isopropyl Acetate	8.688	43	231019	51.210	ug/l #	92
44) Trichloroethene	9.353	130	86119	52.196	ug/l	93
45) 1,2-Dichloropropane	9.623	63	93425	56.780	ug/l	95
46) Dibromomethane	9.712	93	67347	57.183	ug/l	98
47) Bromodichloromethane	9.888	83	145019	54.839	ug/l	97
48) Methyl methacrylate	9.682	41	110623	51.359	ug/l	91
49) 1,4-Dioxane	9.694	88	41828	1076.408	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	713110	289.451	ug/l	94
52) Toluene	10.629	92	235001	53.656	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	144881	53.336	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	150715	52.164	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	91116	58.052	ug/l	97
56) Ethyl methacrylate	10.876	69	158426	53.542	ug/l	90
57) 1,3-Dichloropropane	11.165	76	158537	56.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	340857	272.524	ug/l	97
59) 2-Hexanone	11.200	43	535360	280.883	ug/l	93
60) Dibromochloromethane	11.359	129	107223	56.502	ug/l	99
61) 1,2-Dibromoethane	11.470	107	91637	55.577	ug/l	99
64) Tetrachloroethene	11.106	164	75510	52.298	ug/l	94
65) Chlorobenzene	11.894	112	255853	53.106	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	92537	54.461	ug/l	98
67) Ethyl Benzene	11.964	91	464046	52.505	ug/l	99
68) m/p-Xylenes	12.070	106	348213	105.178	ug/l	97
69) o-Xylene	12.400	106	172946	52.966	ug/l	100
70) Styrene	12.412	104	296948	54.147	ug/l	98
71) Bromoform	12.582	173	70522	54.786	ug/l #	100
73) Isopropylbenzene	12.694	105	453395	50.411	ug/l	100
74) N-amyl acetate	12.494	43	210042	47.744	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	137195	53.933	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	104601m	44.323	ug/l	
77) Bromobenzene	12.982	156	102978	51.542	ug/l	95
78) n-propylbenzene	13.035	91	530990	51.272	ug/l	100
79) 2-Chlorotoluene	13.123	91	331409	50.474	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	385659	51.217	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	45011	41.487	ug/l	98
82) 4-Chlorotoluene	13.223	91	329781	50.073	ug/l	98
83) tert-Butylbenzene	13.441	119	338032	50.692	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	393338	51.834	ug/l	100
85) sec-Butylbenzene	13.617	105	460243	50.582	ug/l	99
86) p-Isopropyltoluene	13.729	119	386616	51.461	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	194068	51.622	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	191670	50.572	ug/l	98
89) n-Butylbenzene	14.058	91	333890	51.290	ug/l	99
90) Hexachloroethane	14.335	117	72017	49.617	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	187824	51.629	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30442	49.316	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	99776	48.955	ug/l	98
94) Hexachlorobutadiene	15.500	225	39990	44.119	ug/l	100
95) Naphthalene	15.641	128	359807	49.839	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99366	49.272	ug/l	97

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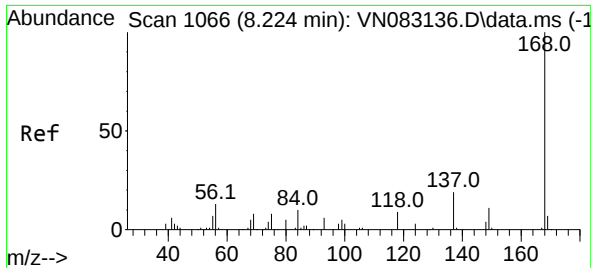
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Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

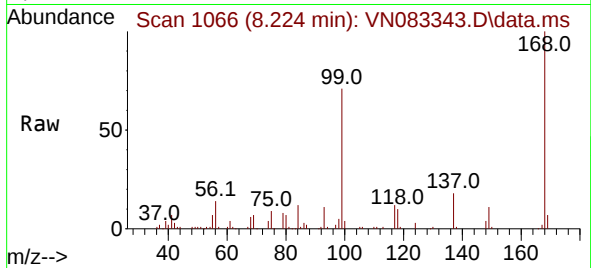
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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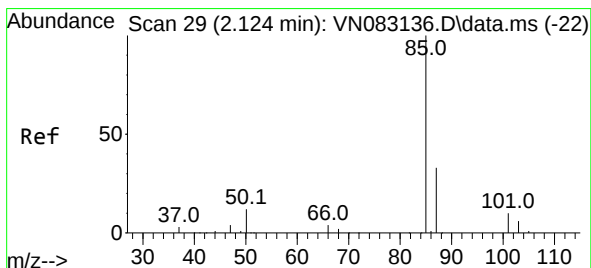
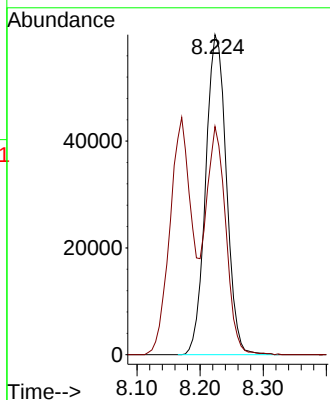
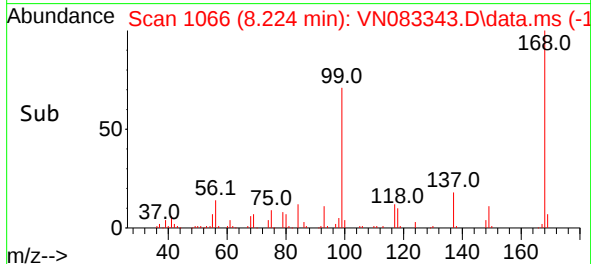
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 136694
Ion Ratio Lower Upper
168 100
99 71.1 48.2 72.4

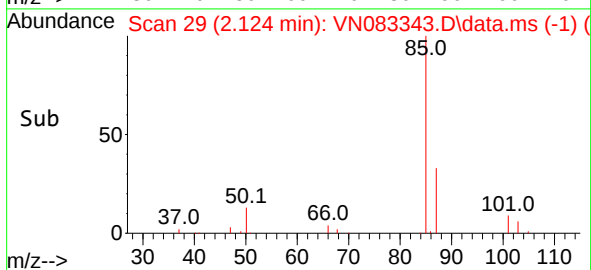
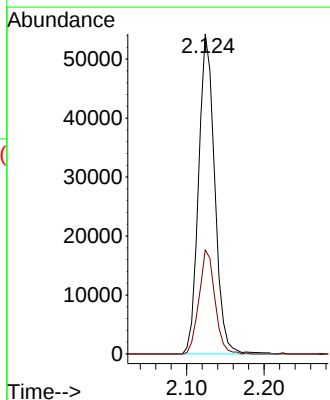
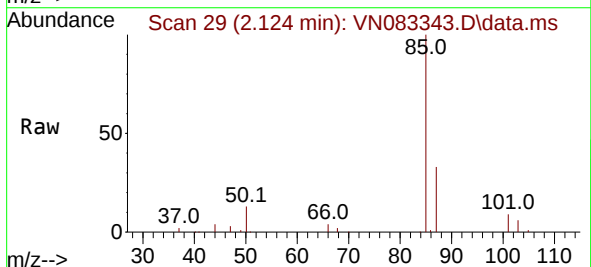
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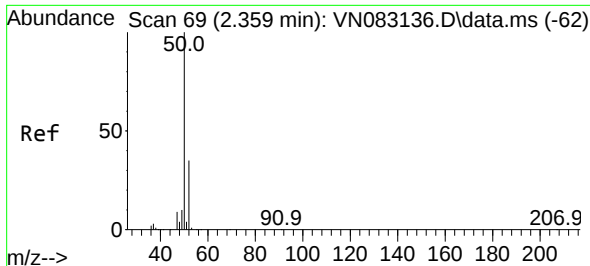
Reviewed By :John Carlone 08/16/2024
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#2
Dichlorodifluoromethane
Concen: 50.551 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

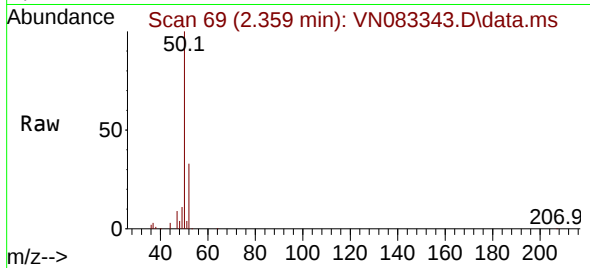
Tgt Ion: 85 Resp: 78360
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.0





#3
Chloromethane
Concen: 49.481 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

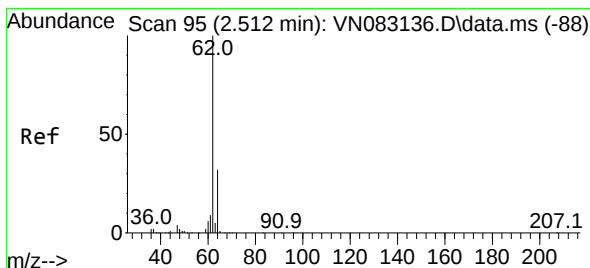
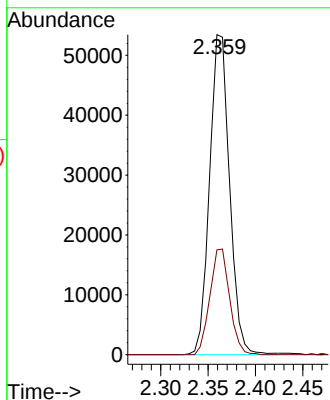
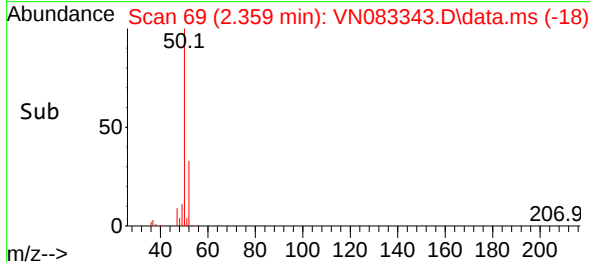
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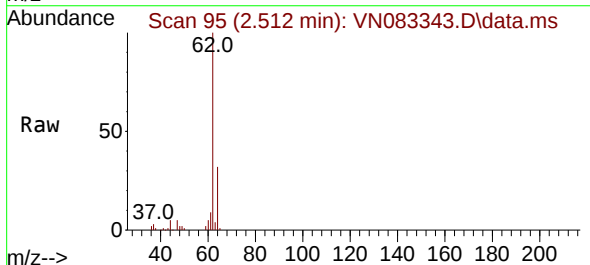
Tgt Ion: 50 Resp: 7852
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4

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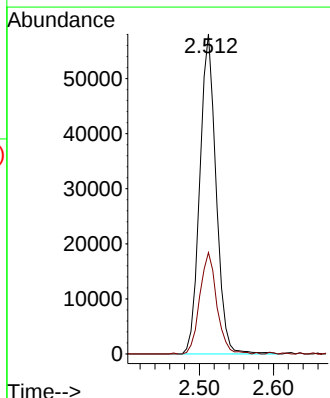
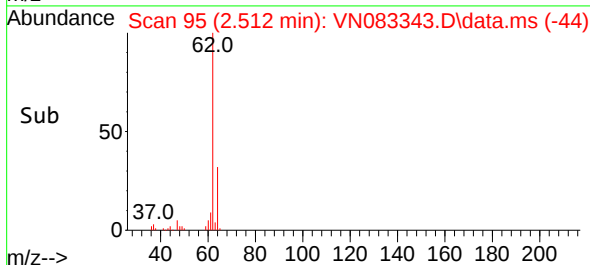
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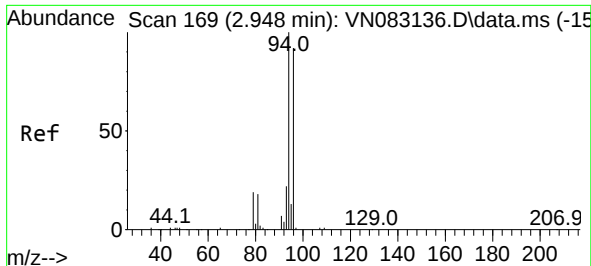


#4
Vinyl Chloride
Concen: 54.754 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



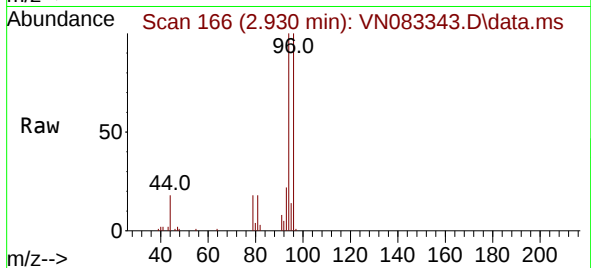
Tgt Ion: 62 Resp: 88667
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.6





#5
Bromomethane
Concen: 38.471 ug/l
RT: 2.930 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

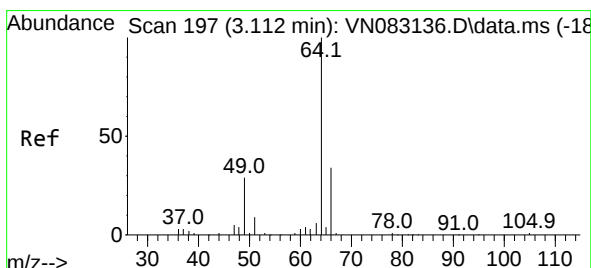
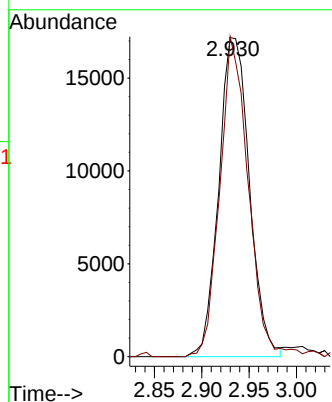
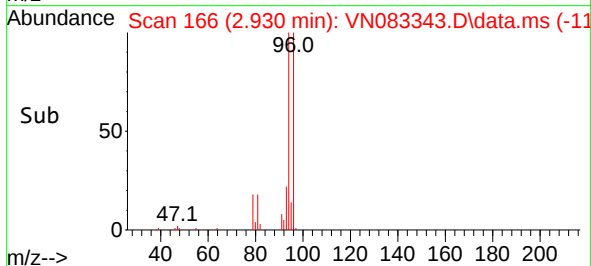
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Tgt Ion: 94 Resp: 38650
Ion Ratio Lower Upper
94 100
96 100.3 78.0 117.0

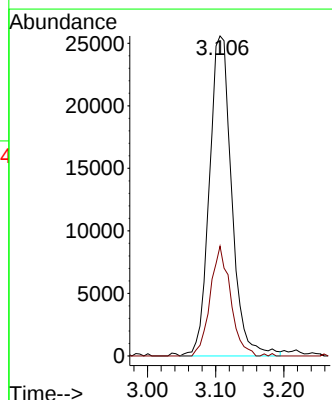
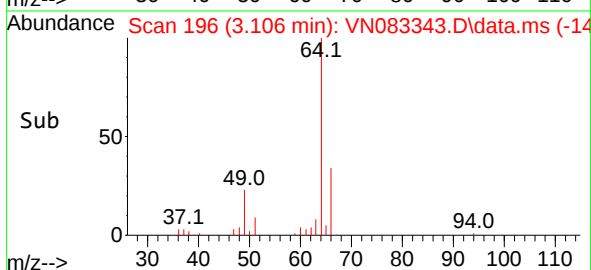
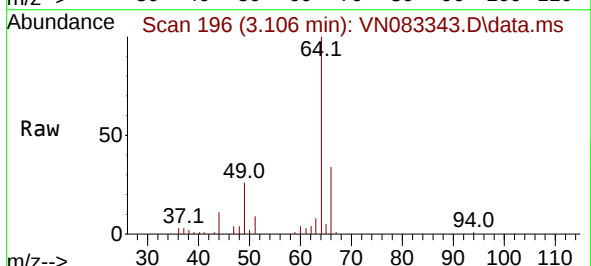
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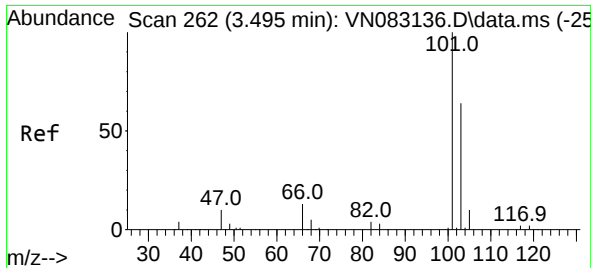
Reviewed By :John Carlone 08/16/2024
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#6
Chloroethane
Concen: 57.595 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 58351
Ion Ratio Lower Upper
64 100
66 34.3 26.6 40.0





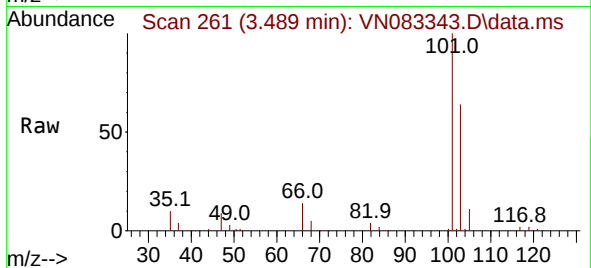
#7
 Trichlorofluoromethane
 Concen: 57.605 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN083343.D
 Acq: 15 Aug 2024 20:03

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MSVOA_N

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VSTDCCC050EC



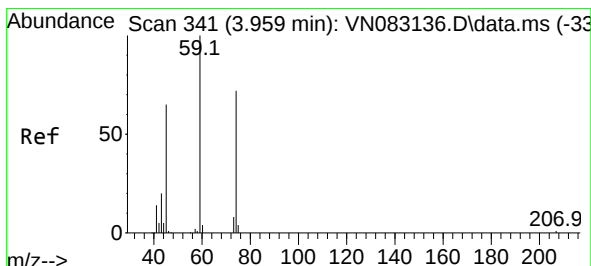
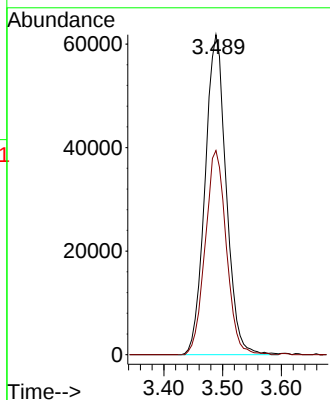
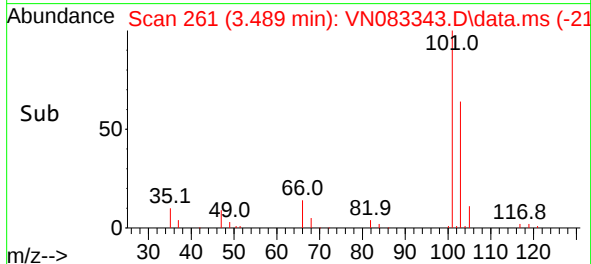
Tgt Ion:101 Resp: 15410
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.7 79.1

Manual Integrations

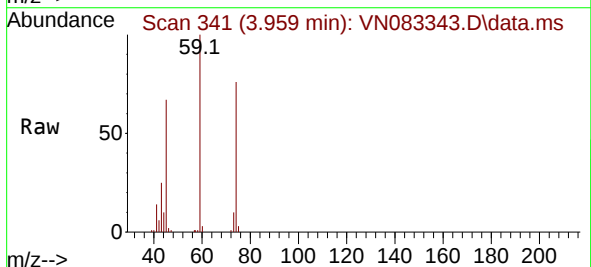
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Reviewed By :John Carlone 08/16/2024

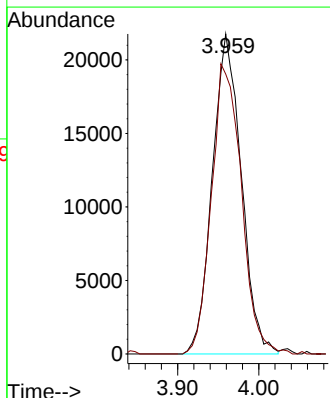
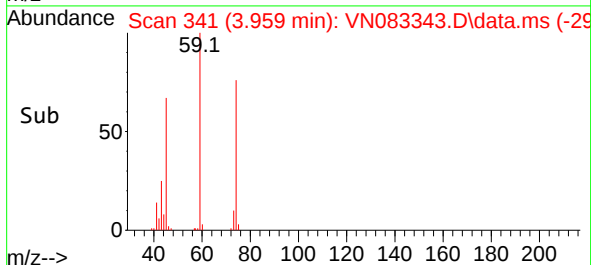
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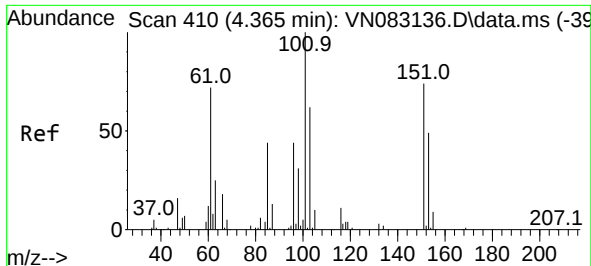


#8
 Diethyl Ether
 Concen: 54.098 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 53852
 Ion Ratio Lower Upper
 74 100
 45 94.0 55.5 166.3





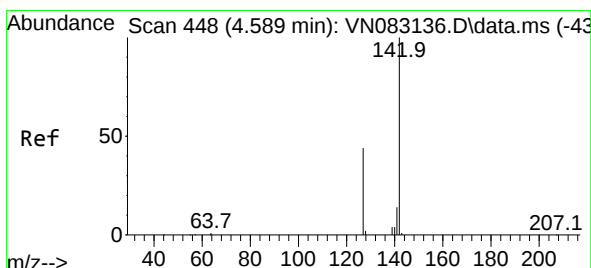
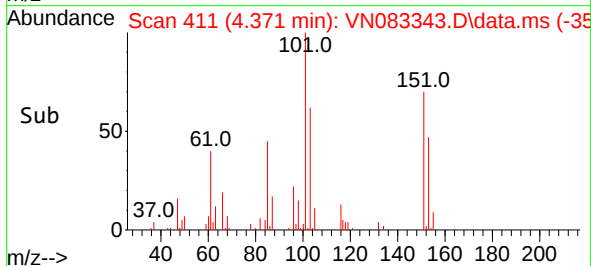
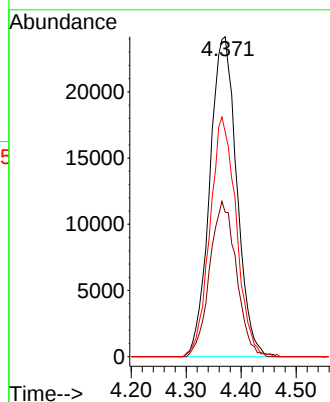
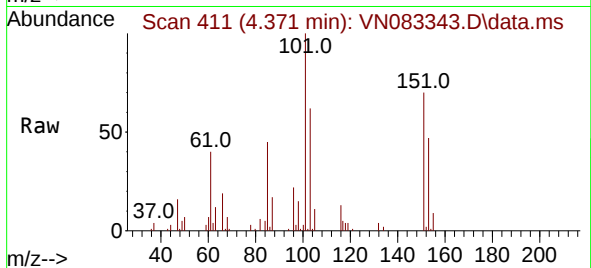
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.859 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8238
Ion Ratio Lower Upper
101 100
85 47.8 38.3 57.5
151 73.0 59.3 88.9

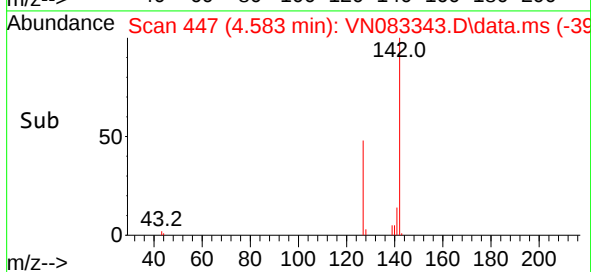
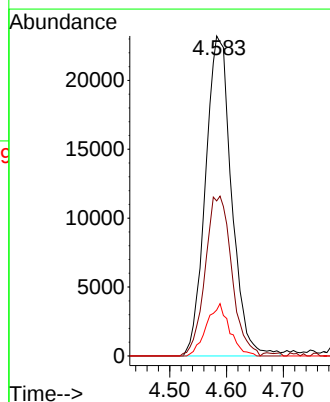
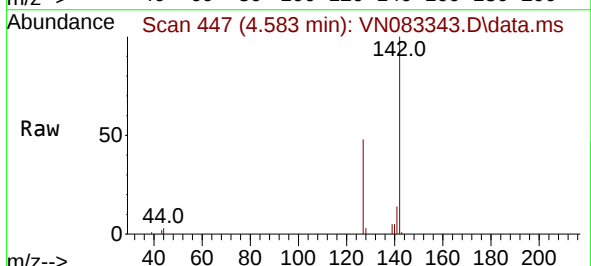
Manual Integrations
APPROVED

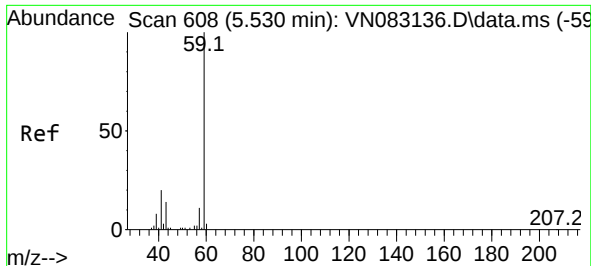
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#10
Methyl Iodide
Concen: 38.142 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

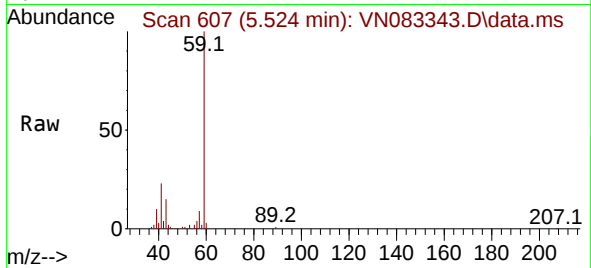
Tgt Ion:142 Resp: 74001
Ion Ratio Lower Upper
142 100
127 48.5 37.5 56.3
141 14.3 13.1 19.7





#11
Tert butyl alcohol
Concen: 299.780 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

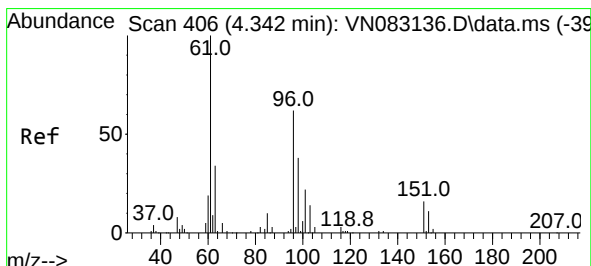
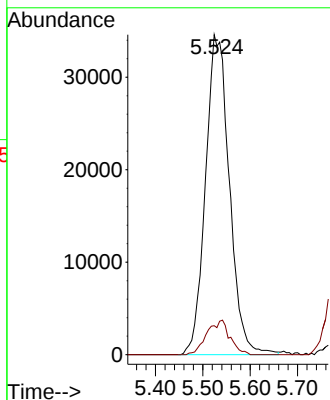
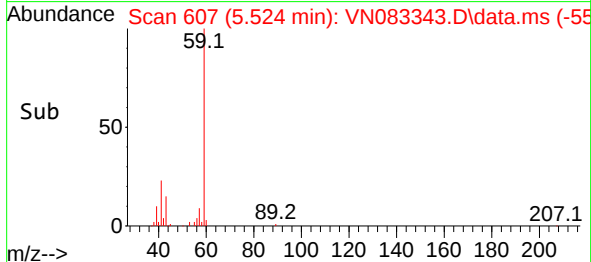
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



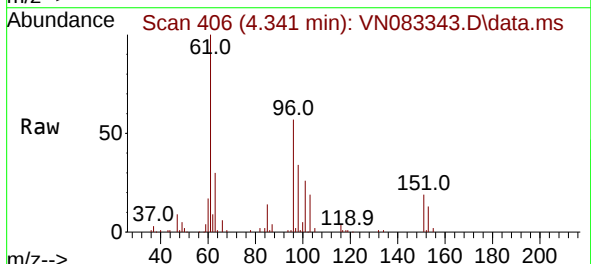
Tgt Ion: 59 Resp: 121210
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3

Manual Integrations
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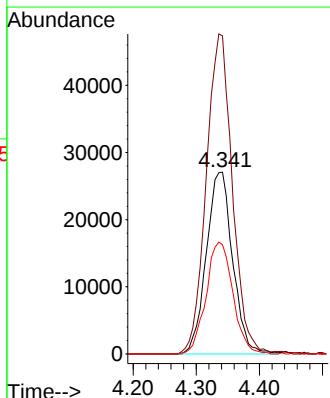
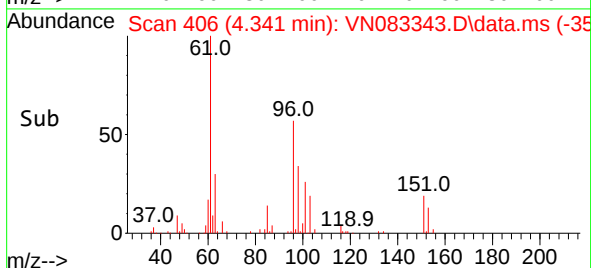
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#12
1,1-Dichloroethene
Concen: 51.748 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



Tgt Ion: 96 Resp: 78413
Ion Ratio Lower Upper
96 100
61 175.0 149.7 224.5
98 60.2 50.1 75.1





#13

Acrolein

Concen: 267.053 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN083343.D

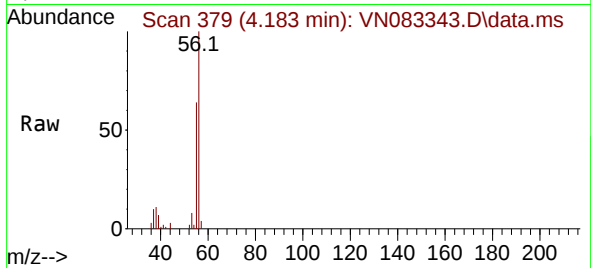
Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



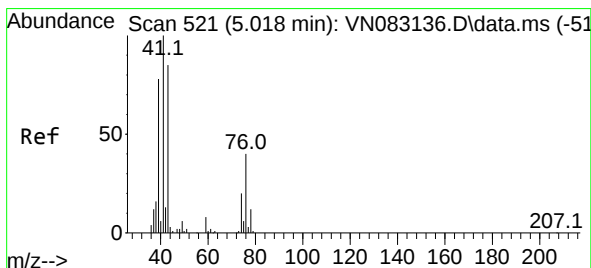
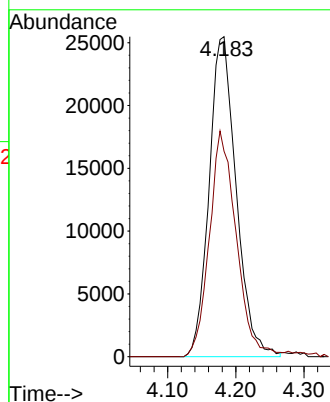
Tgt Ion:	56	Resp:	7037
Ion Ratio	Lower	Upper	
56	100		
55	70.1	56.4	84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#14

Allyl chloride

Concen: 50.828 ug/l

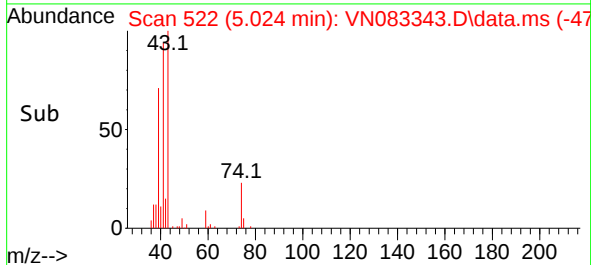
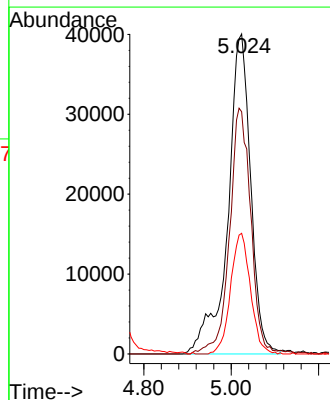
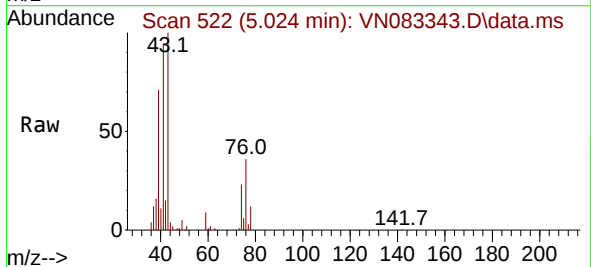
RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

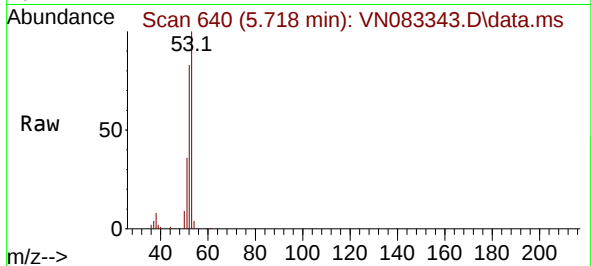
Tgt Ion:	41	Resp:	145544
Ion Ratio	Lower	Upper	
41	100		
39	71.4	67.8	101.6
76	32.8	25.8	38.8





#15
Acrylonitrile
Concen: 290.871 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

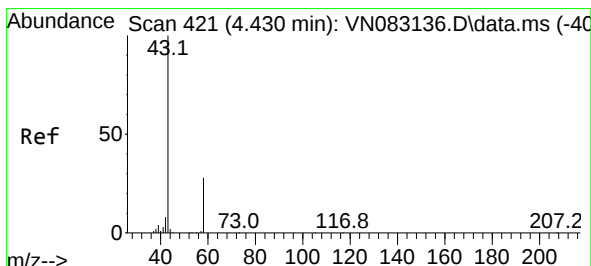
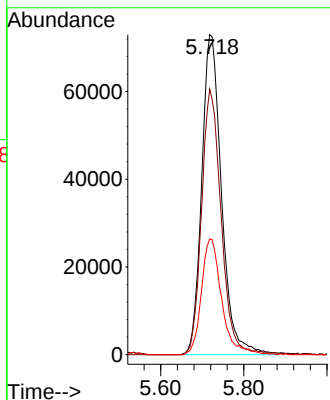
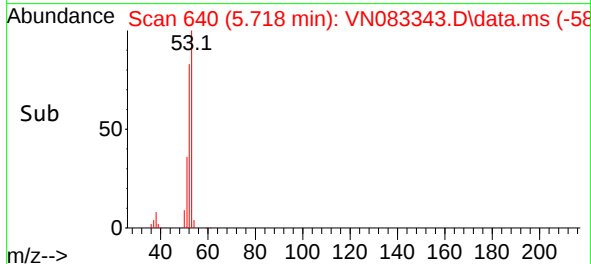
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 241889
Ion Ratio Lower Upper
53 100
52 81.8 66.6 100.0
51 36.9 30.1 45.1

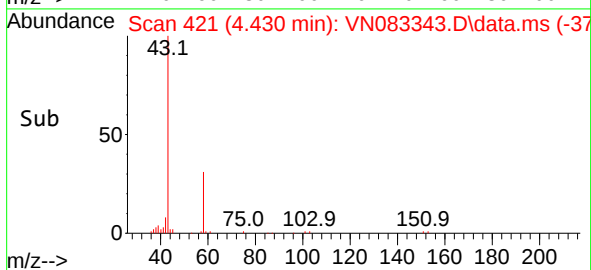
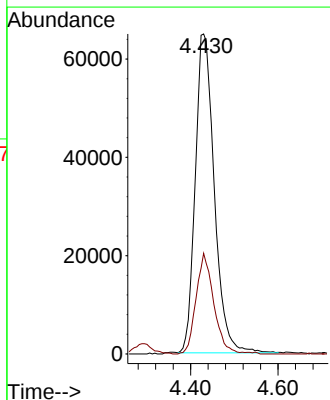
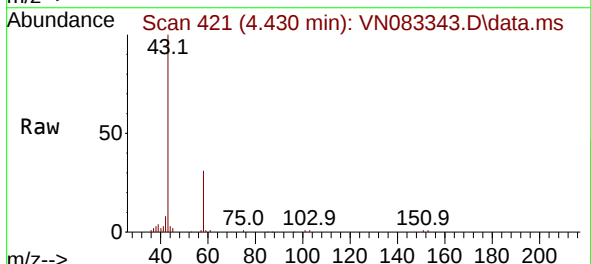
Manual Integrations
APPROVED

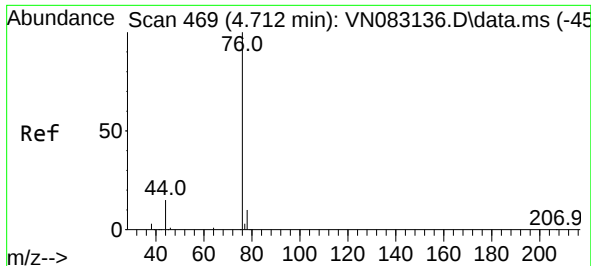
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#16
Acetone
Concen: 258.516 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

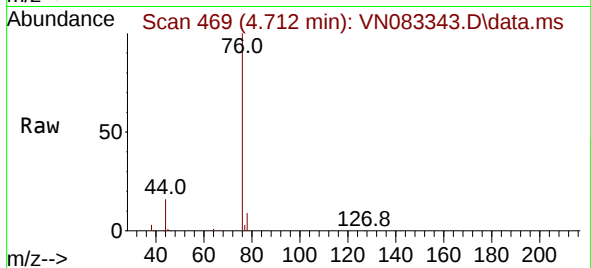
Tgt Ion: 43 Resp: 196819
Ion Ratio Lower Upper
43 100
58 31.6 21.8 32.6





#17
Carbon Disulfide
Concen: 42.998 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

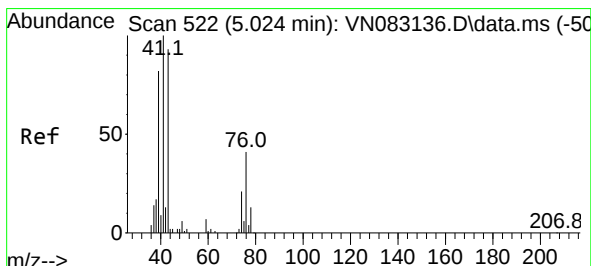
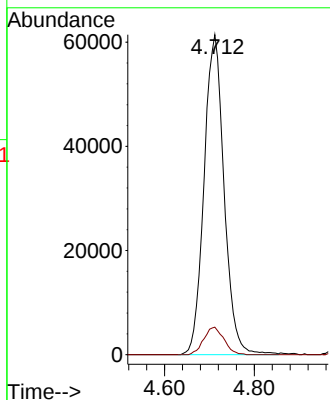
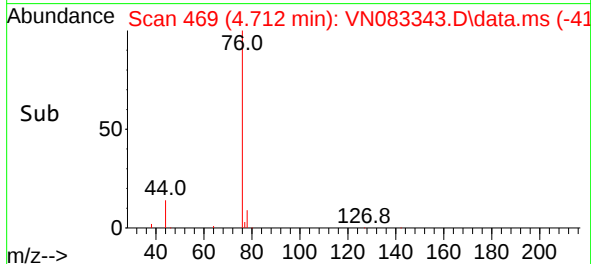
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



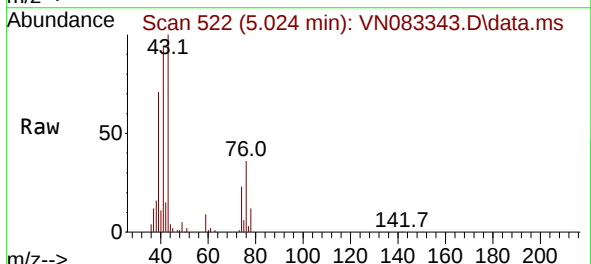
Tgt Ion: 76 Resp: 190644
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

Manual Integrations
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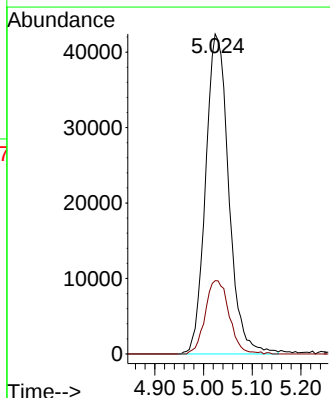
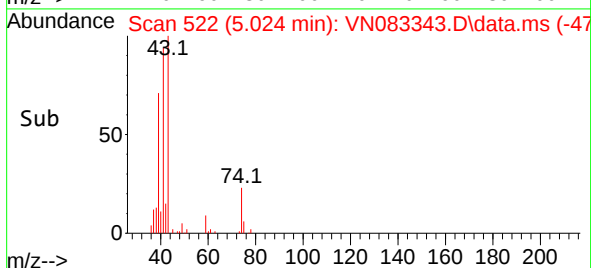
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

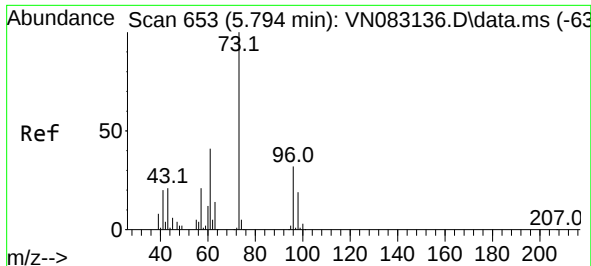


#18
Methyl Acetate
Concen: 61.668 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



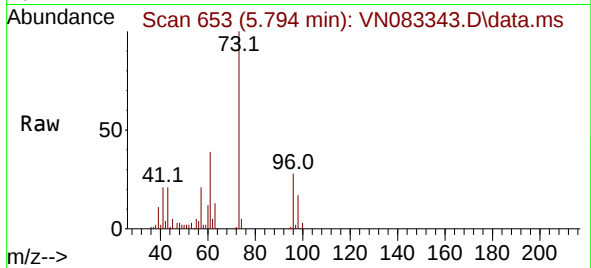
Tgt Ion: 43 Resp: 139885
Ion Ratio Lower Upper
43 100
74 23.7 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 56.152 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

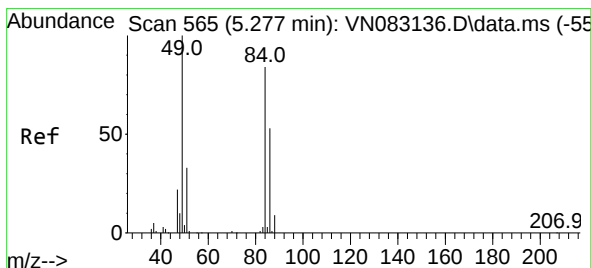
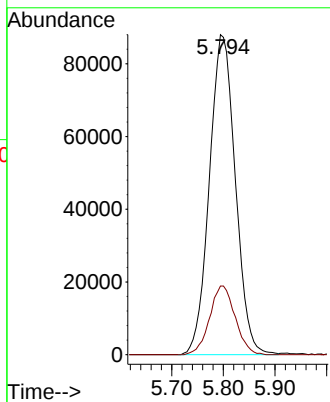
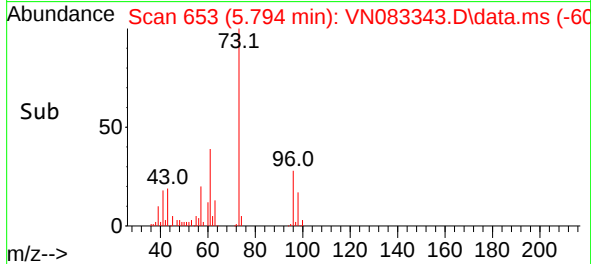
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 30711
Ion Ratio Lower Upper
73 100
57 21.5 17.9 26.9

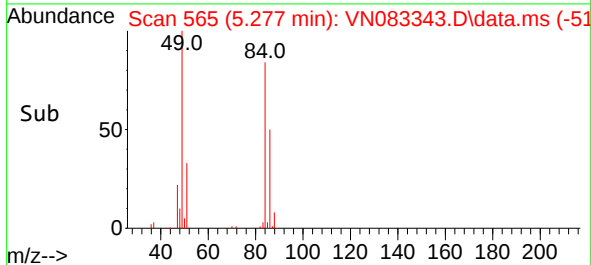
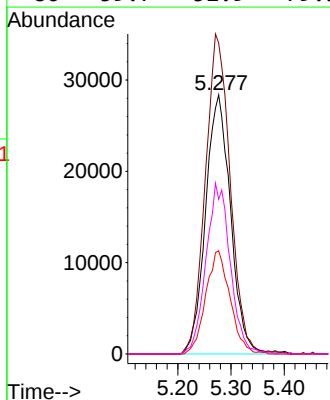
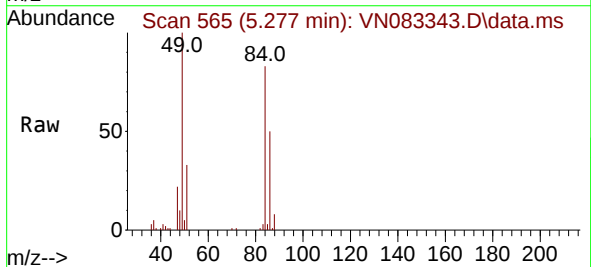
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#20
Methylene Chloride
Concen: 52.721 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

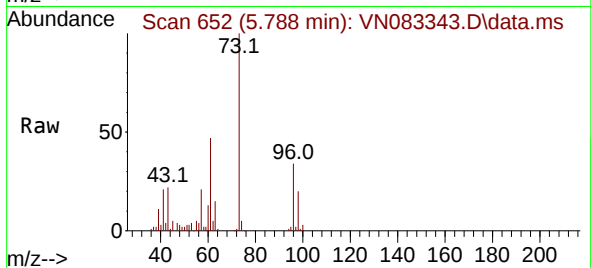
Tgt Ion: 84 Resp: 92377
Ion Ratio Lower Upper
84 100
49 120.0 119.6 179.4
51 39.9 34.8 52.2
86 59.7 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 52.483 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

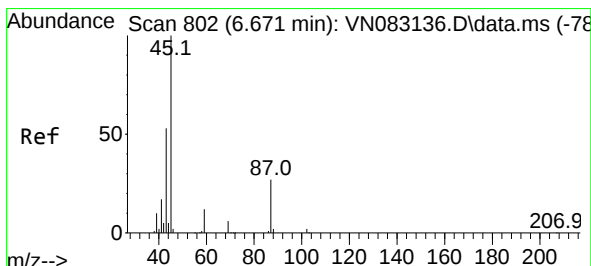
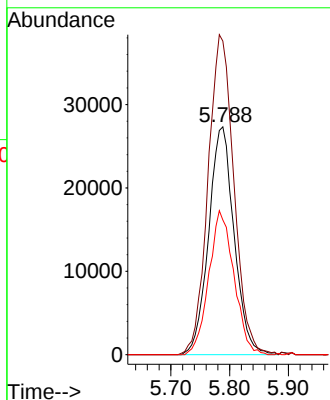
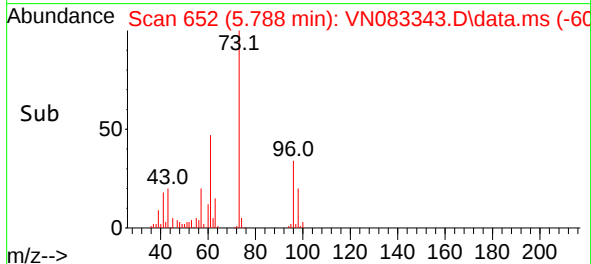
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 82194
Ion Ratio Lower Upper
96 100
61 137.6 123.4 185.2
98 59.1 49.3 73.9

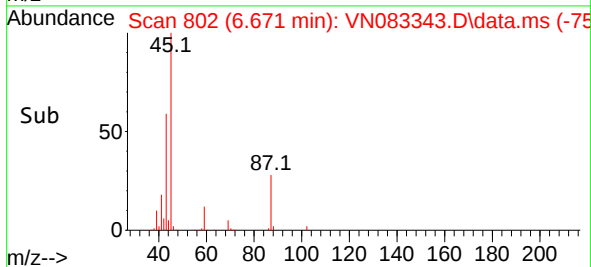
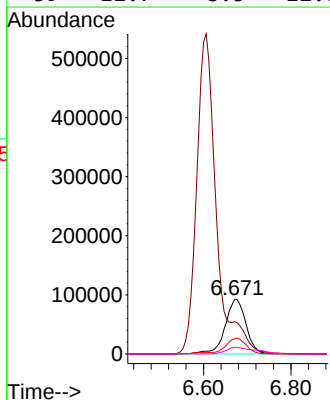
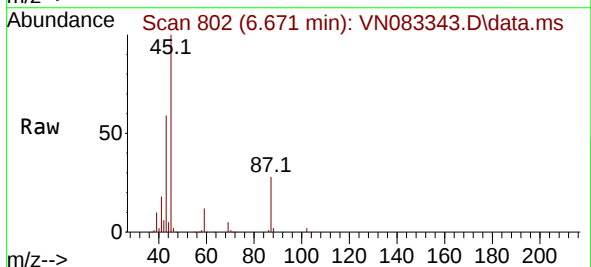
Manual Integrations
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Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#22
Diisopropyl ether
Concen: 56.856 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

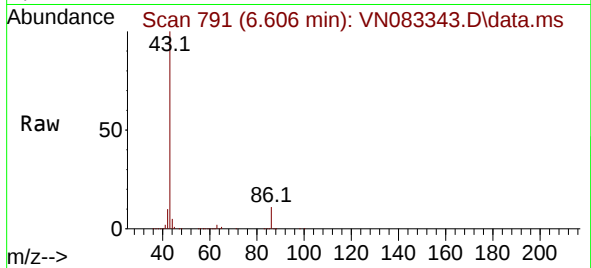
Tgt Ion: 45 Resp: 306030
Ion Ratio Lower Upper
45 100
43 57.9 44.0 66.0
87 27.8 19.7 29.5
59 11.7 8.5 12.7





#23
 Vinyl Acetate
 Concen: 283.114 ug/l m
 RT: 6.606 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VN083343.D
 Acq: 15 Aug 2024 20:03

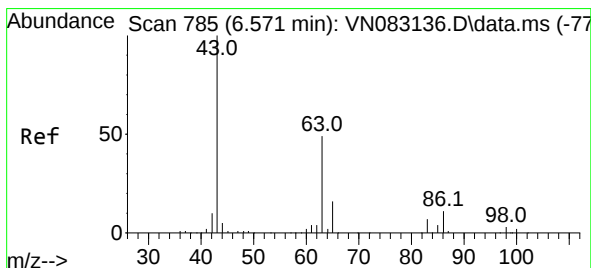
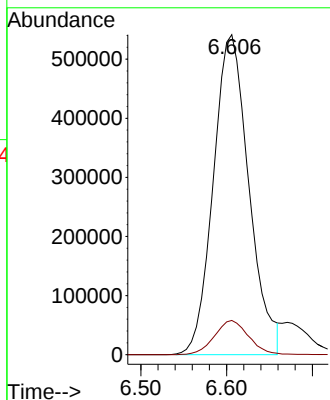
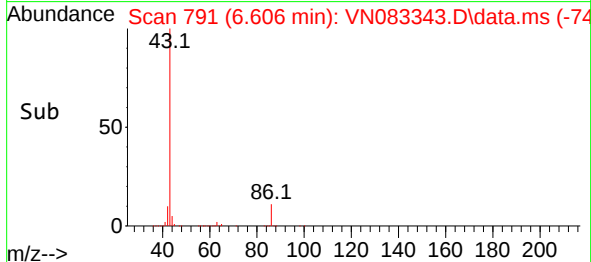
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1561954
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.3 10.9

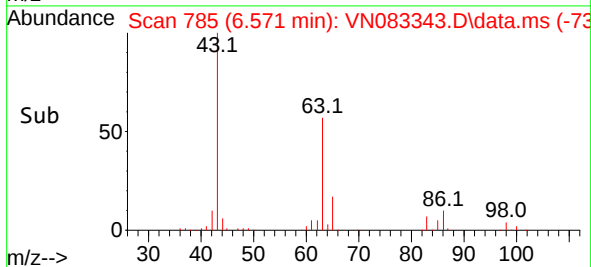
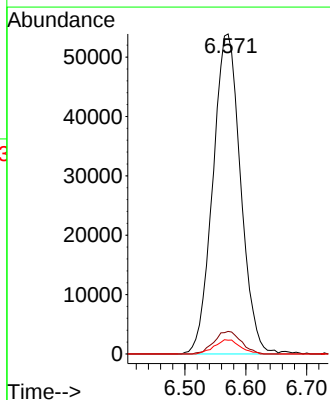
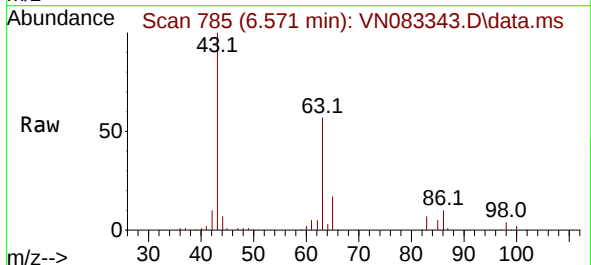
Manual Integrations
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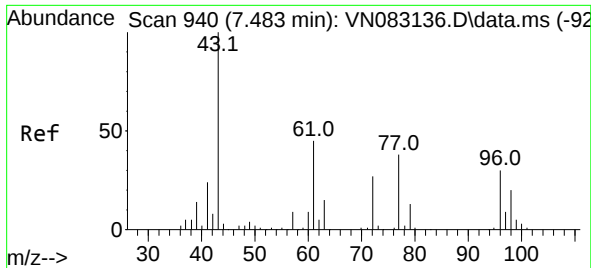
Reviewed By :John Carlone 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024



#24
 1,1-Dichloroethane
 Concen: 58.096 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN083343.D
 Acq: 15 Aug 2024 20:03

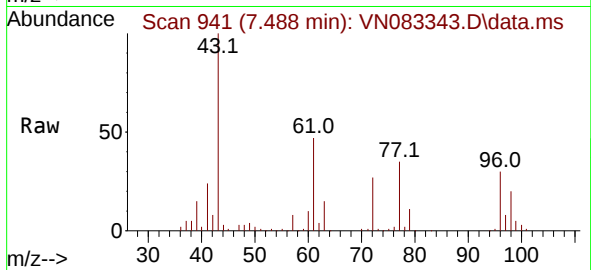
Tgt Ion: 63 Resp: 170448
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.3 2.0 6.0





#25
2-Butanone
Concen: 281.612 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

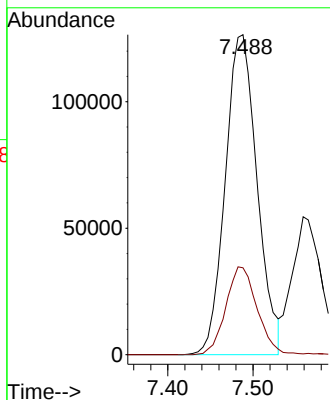
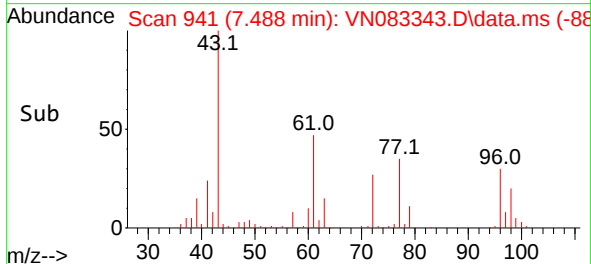
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



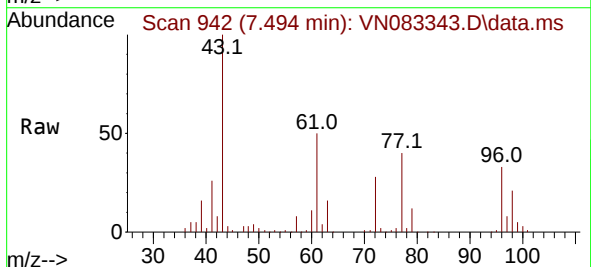
Tgt Ion: 43 Resp: 329209
Ion Ratio Lower Upper
43 100
72 27.2 18.2 27.2

Manual Integrations
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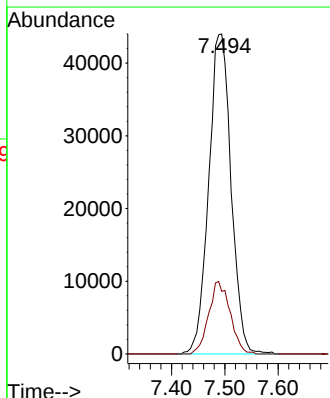
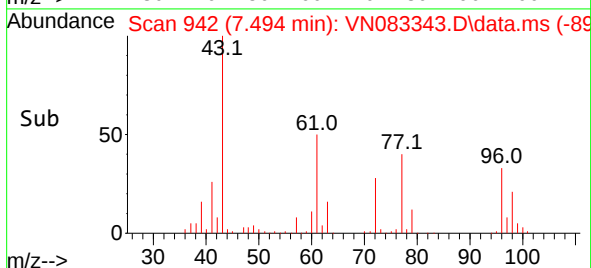
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

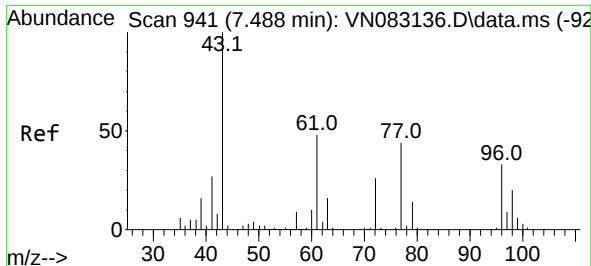


#26
2,2-Dichloropropane
Concen: 47.152 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



Tgt Ion: 77 Resp: 128471
Ion Ratio Lower Upper
77 100
97 21.7 10.3 30.9





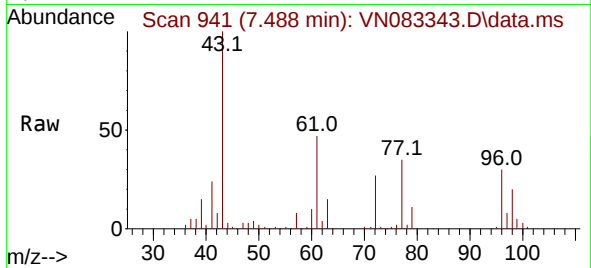
#27
 cis-1,2-Dichloroethene
 Concen: 54.883 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN083343.D
 Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



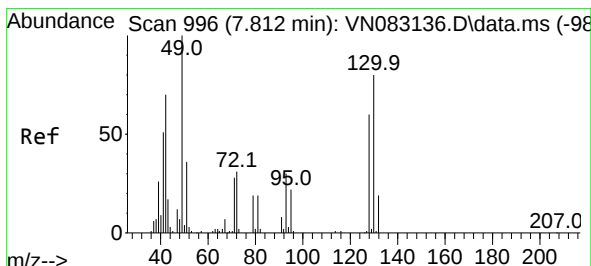
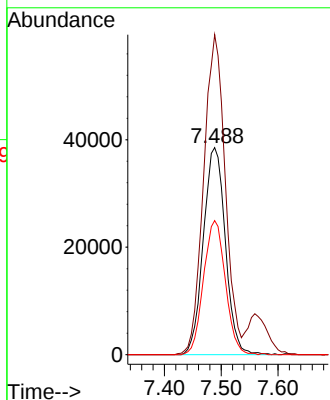
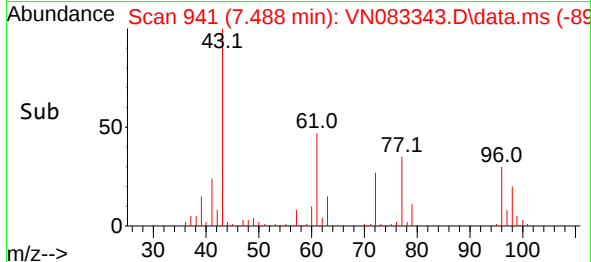
Tgt Ion: 96 Resp: 103720
 Ion Ratio Lower Upper
 96 100
 61 151.6 0.0 329.6
 98 64.1 0.0 128.6

Manual Integrations

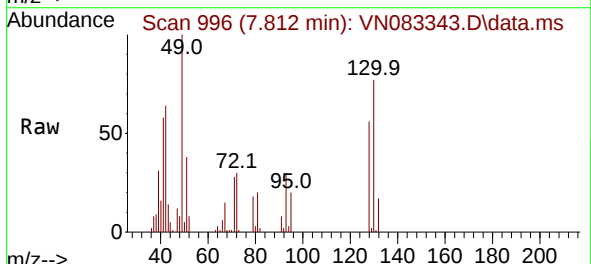
APPROVED

Reviewed By :John Carlone 08/16/2024

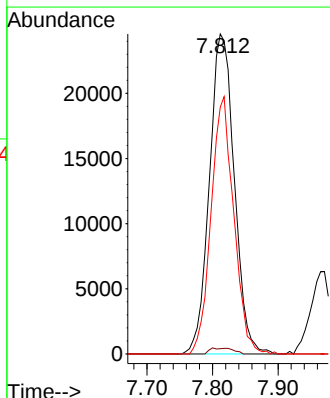
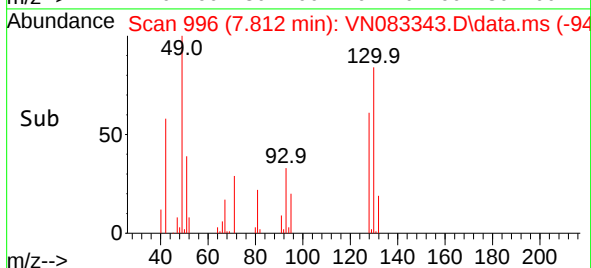
Supervised By :Mahesh Dadoda 08/16/2024

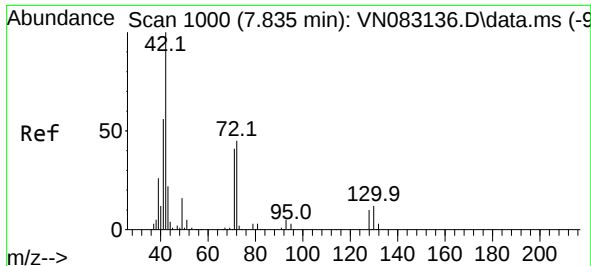


#28
 Bromochloromethane
 Concen: 53.930 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN083343.D
 Acq: 15 Aug 2024 20:03



Tgt Ion: 49 Resp: 64661
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 73.3 50.5 75.7





#29

Tetrahydrofuran

Concen: 290.550 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 21956

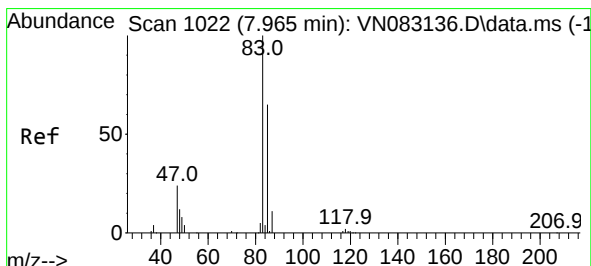
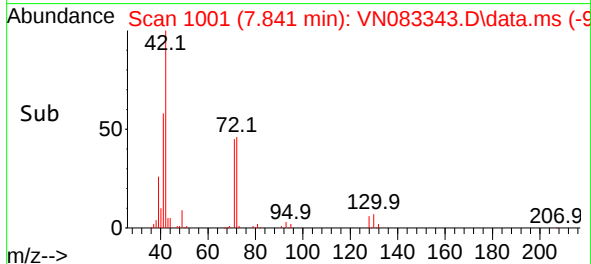
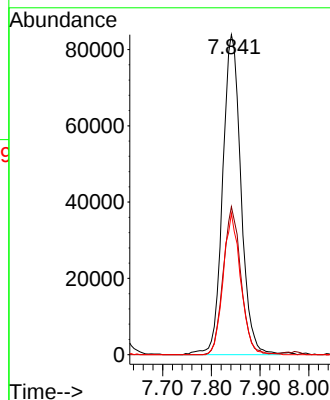
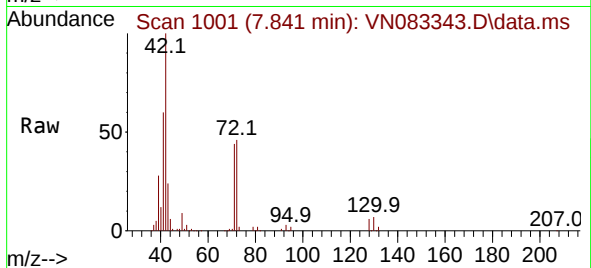
Ion	Ratio	Lower	Upper
42	100		
72	44.8	30.0	45.0
71	42.2	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#30

Chloroform

Concen: 59.118 ug/l

RT: 7.965 min Scan# 1022

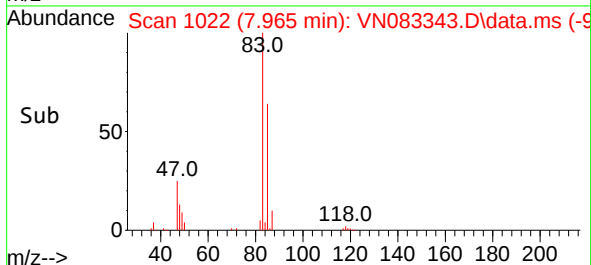
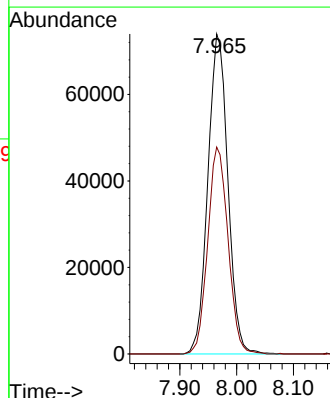
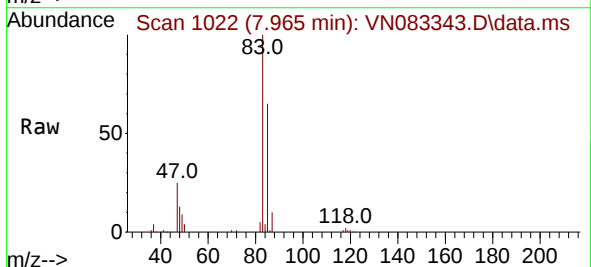
Delta R.T. -0.000 min

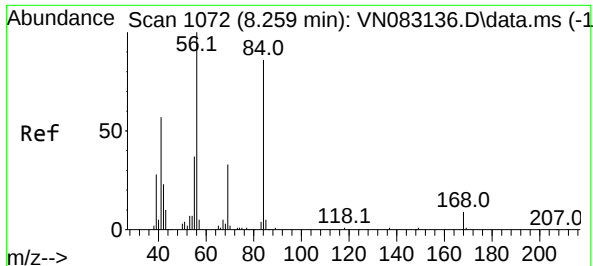
Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Tgt Ion: 83 Resp: 180196

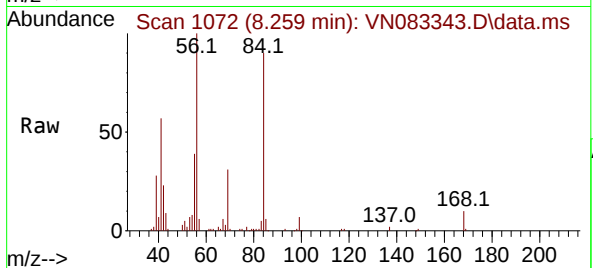
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.9	76.3





#31
Cyclohexane
Concen: 47.547 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

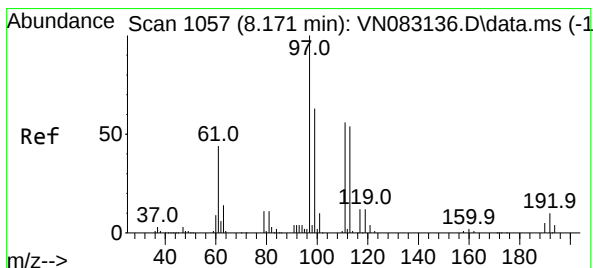
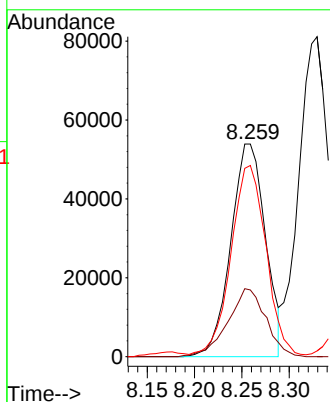
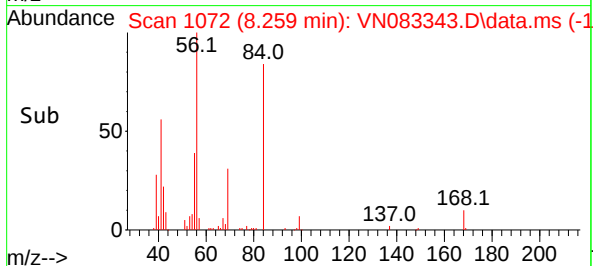
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



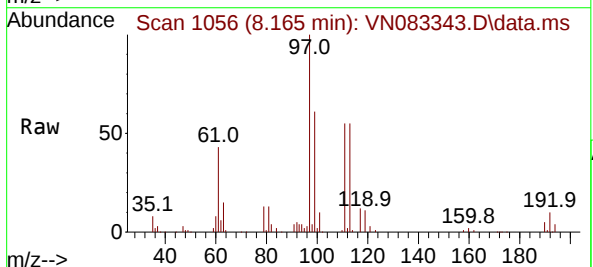
Tgt Ion: 56 Resp: 137090
Ion Ratio Lower Upper
56 100
69 31.4 24.5 36.7
84 88.2 66.0 99.0

Manual Integrations
APPROVED

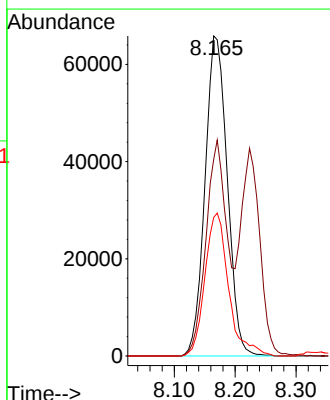
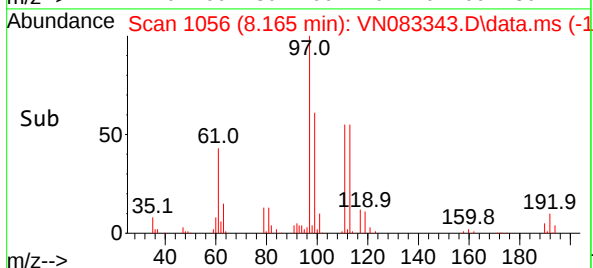
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#32
1,1,1-Trichloroethane
Concen: 58.029 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



Tgt Ion: 97 Resp: 167422
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 47.5 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 62.381 ug/l

RT: 8.576 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

Tgt Ion: 65 Resp: 121374

Ion Ratio Lower Upper

65 100

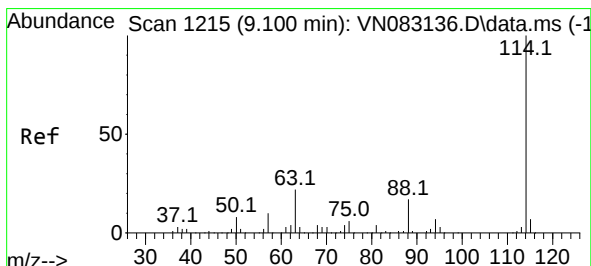
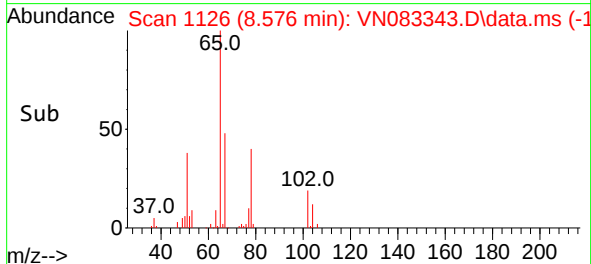
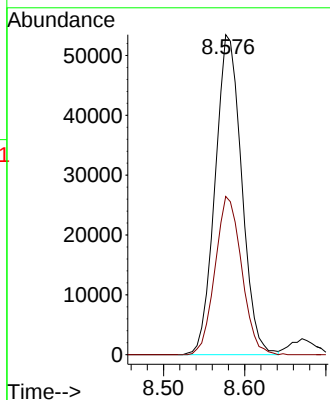
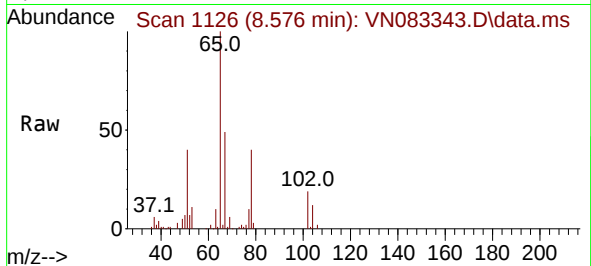
67 49.6 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

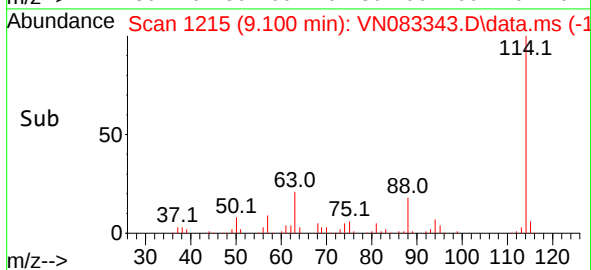
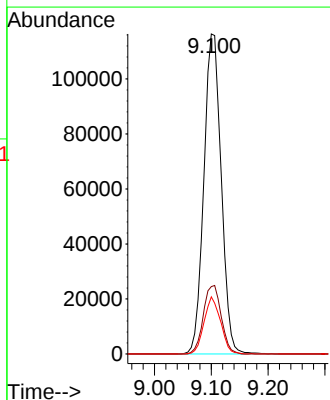
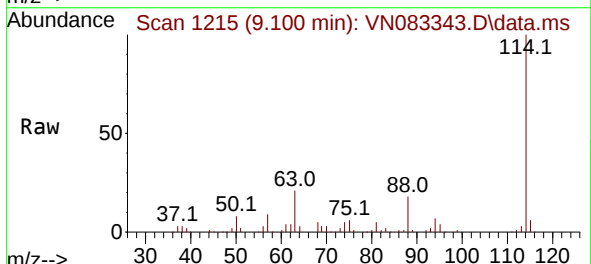
Tgt Ion:114 Resp: 246434

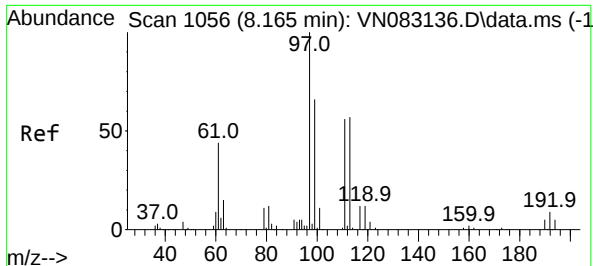
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

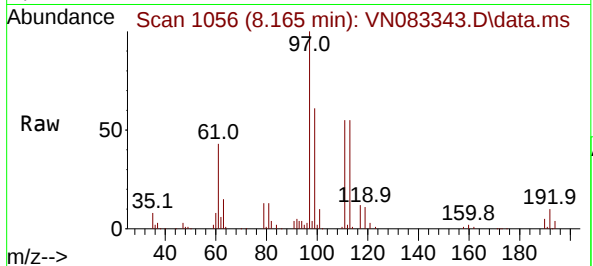
88 17.8 0.0 31.4





#35
Dibromofluoromethane
Concen: 57.383 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

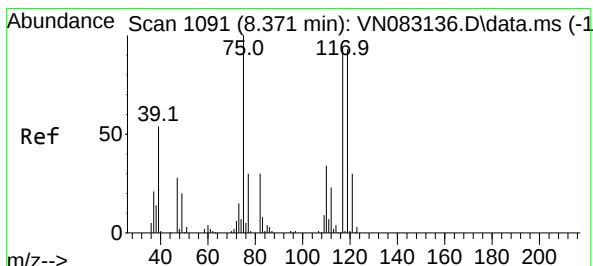
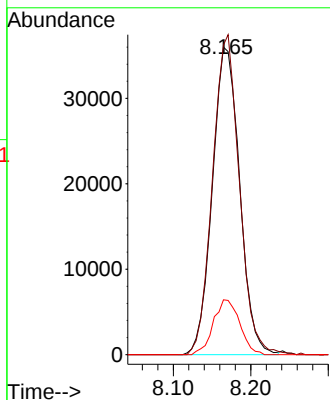
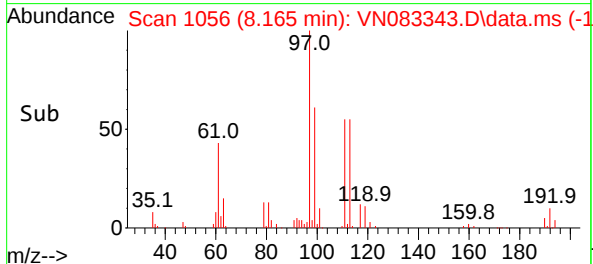
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 88260
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 17.2 14.9 22.3

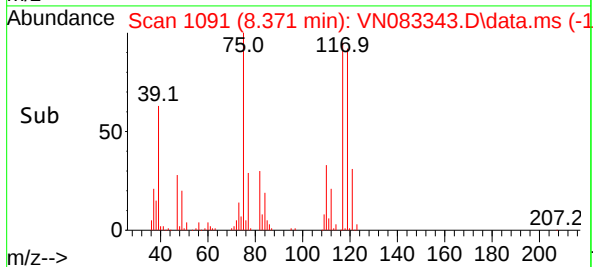
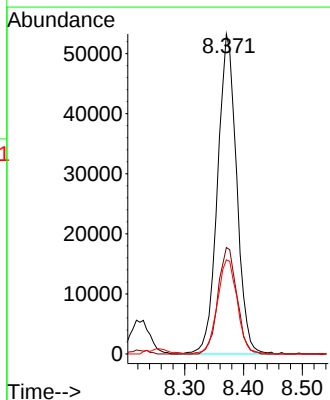
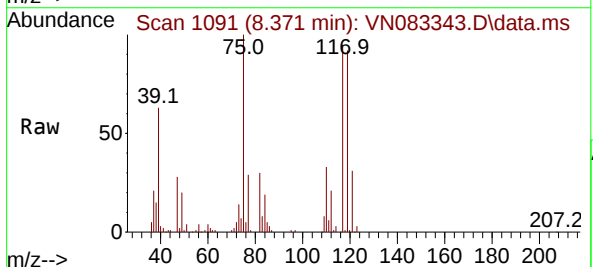
Manual Integrations
APPROVED

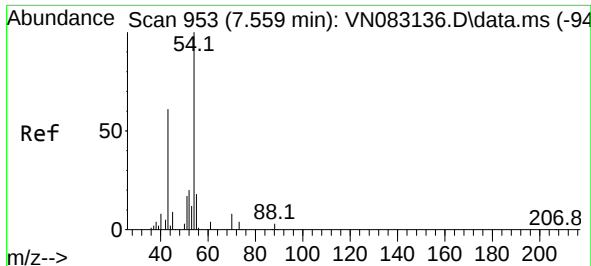
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#36
1,1-Dichloropropene
Concen: 51.660 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 75 Resp: 120205
Ion Ratio Lower Upper
75 100
110 32.9 16.3 48.9
77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 51.051 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083343.D

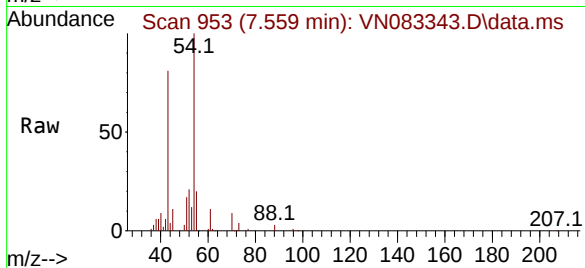
Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



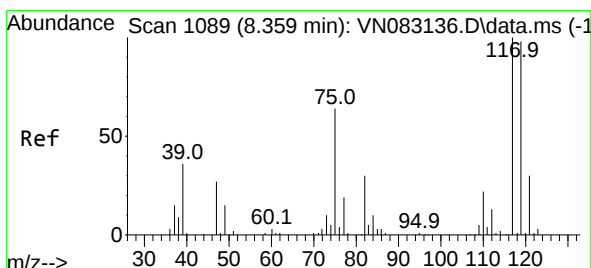
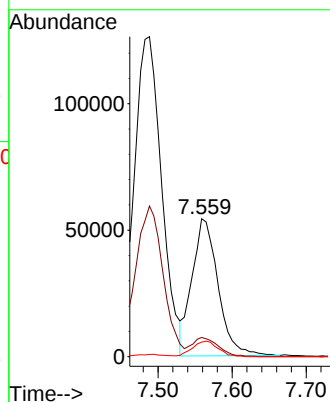
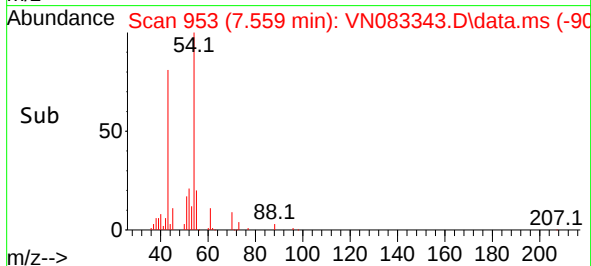
Tgt Ion:	43	Resp:	13300
Ion	Ratio	Lower	Upper
43	100		
61	14.2	9.3	13.9
70	11.1	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#38

Carbon Tetrachloride

Concen: 54.045 ug/l

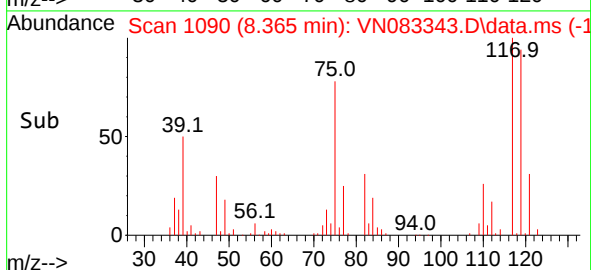
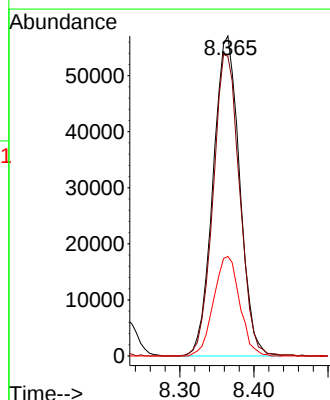
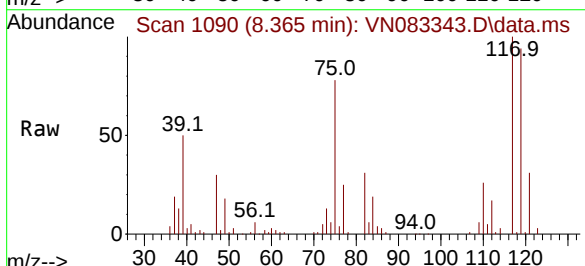
RT: 8.365 min Scan# 1090

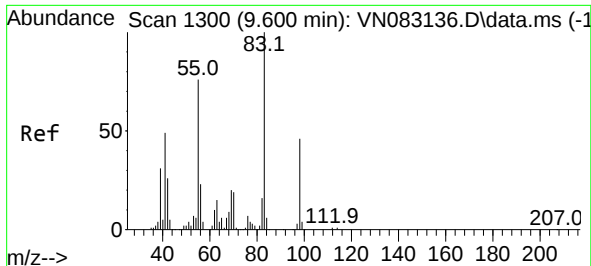
Delta R.T. 0.006 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

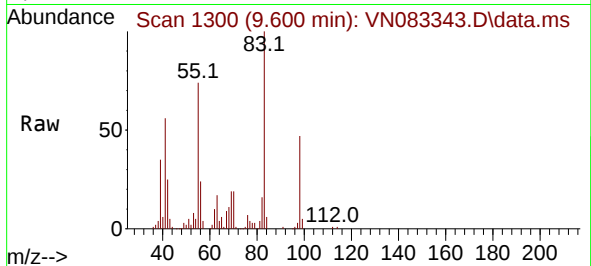
Tgt Ion:	117	Resp:	141641
Ion	Ratio	Lower	Upper
117	100		
119	93.7	74.9	112.3
121	31.1	24.3	36.5





#39
Methylcyclohexane
Concen: 47.951 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

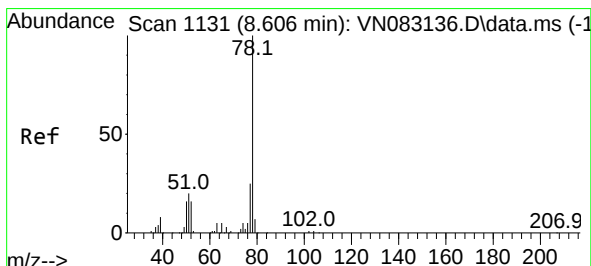
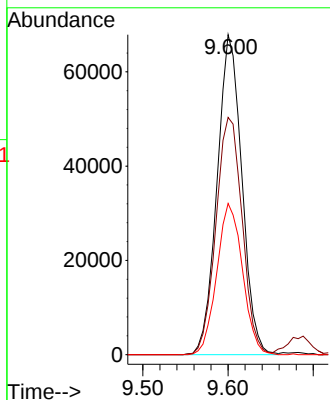
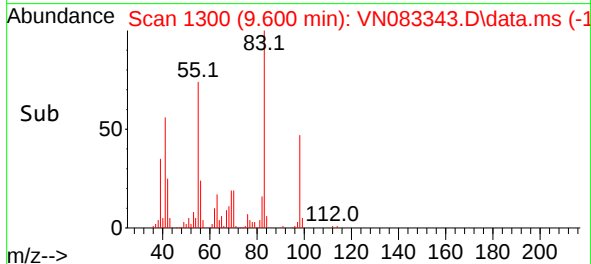
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 137044
Ion Ratio Lower Upper
83 100
55 74.2 66.4 99.6
98 47.3 40.7 61.1

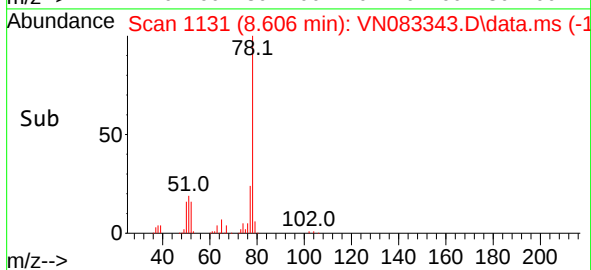
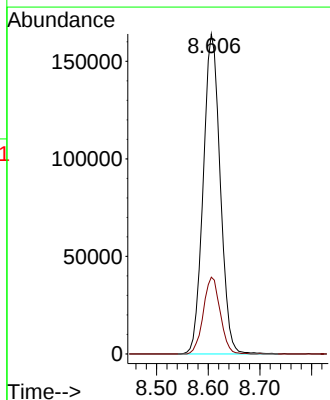
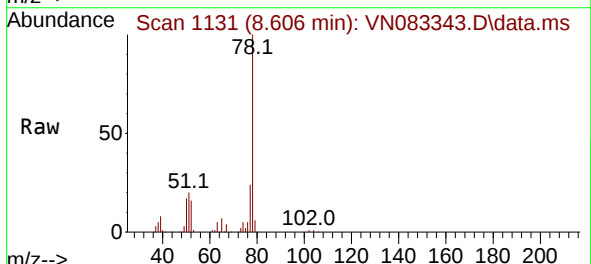
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#40
Benzene
Concen: 53.986 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

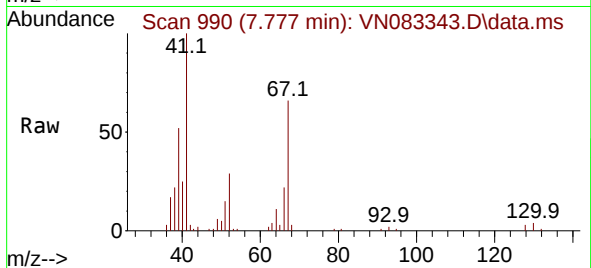
Tgt Ion: 78 Resp: 374221
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 50.931 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

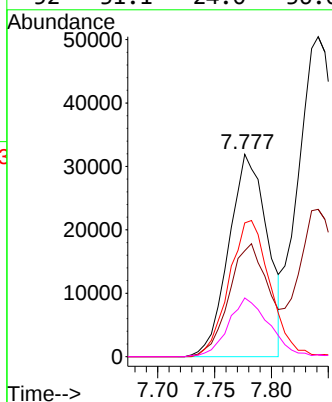
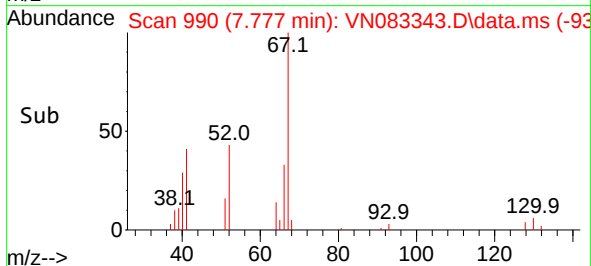
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



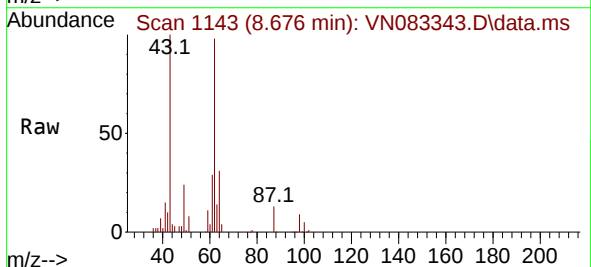
Tgt Ion: 41 Resp: 75449
Ion Ratio Lower Upper
41 100
39 56.6 45.5 68.3
67 71.7 50.5 75.7
52 31.1 24.0 36.0

Manual Integrations
APPROVED

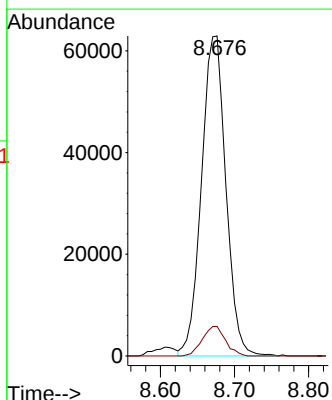
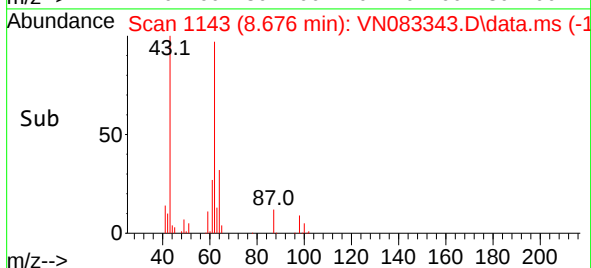
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

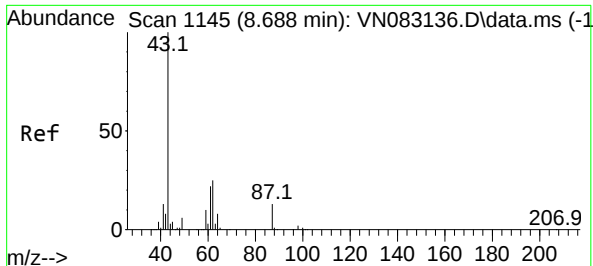


#42
1,2-Dichloroethane
Concen: 57.017 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



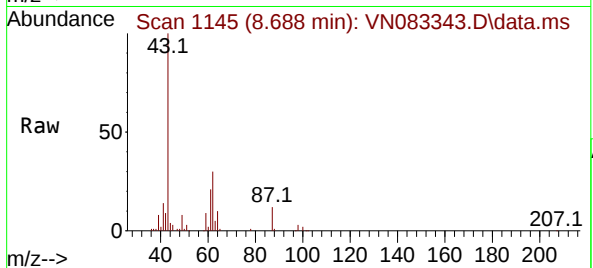
Tgt Ion: 62 Resp: 143973
Ion Ratio Lower Upper
62 100
98 8.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 51.210 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

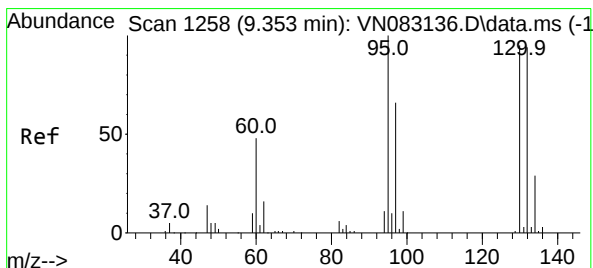
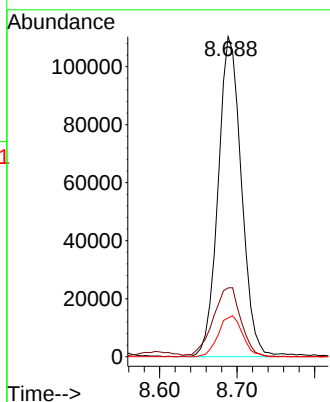
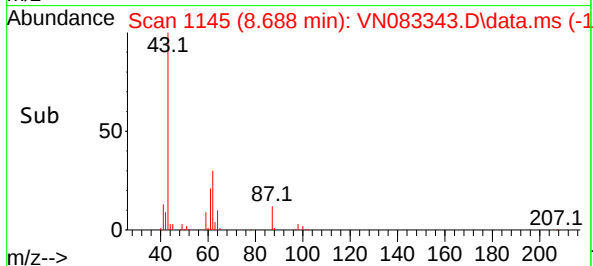
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 231019
Ion Ratio Lower Upper
43 100
61 25.9 17.8 26.6
87 13.3 8.2 12.2

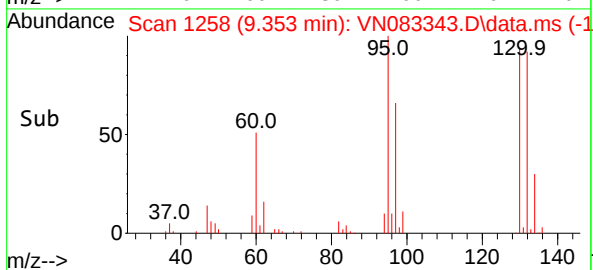
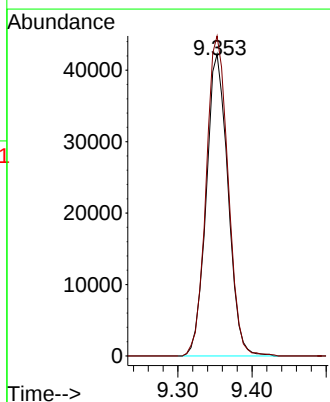
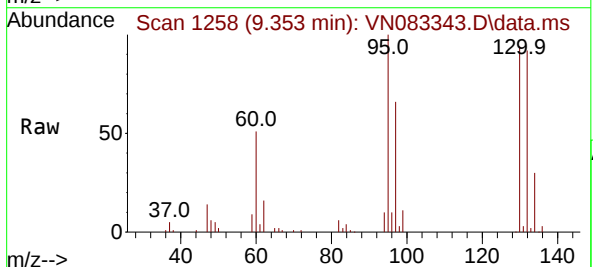
Manual Integrations
APPROVED

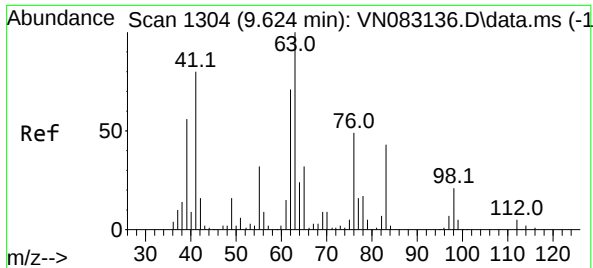
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#44
Trichloroethene
Concen: 52.196 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion:130 Resp: 86119
Ion Ratio Lower Upper
130 100
95 106.0 0.0 197.8





#45

1,2-Dichloropropane

Concen: 56.780 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 93425

Ion Ratio Lower Upper

63 100

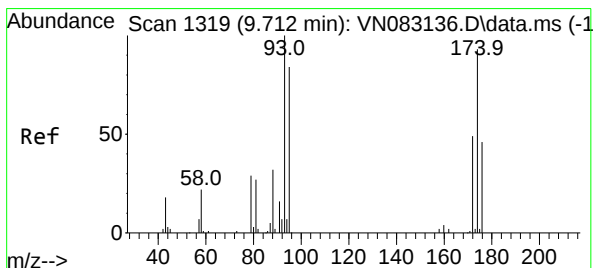
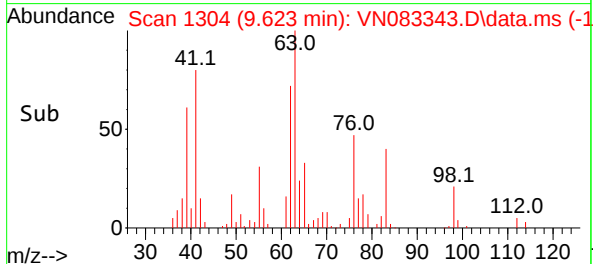
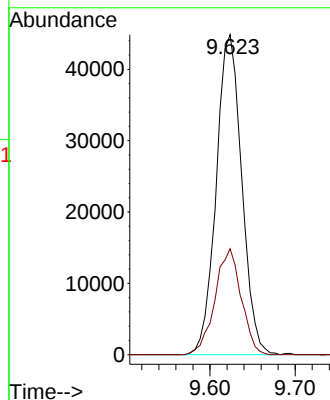
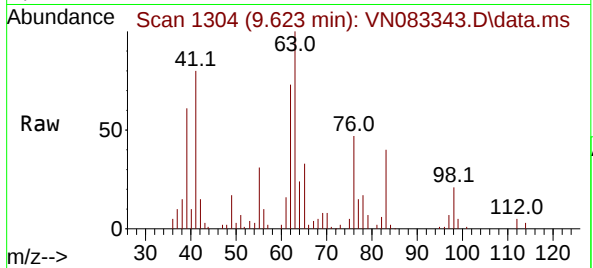
65 33.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#46

Dibromomethane

Concen: 57.183 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

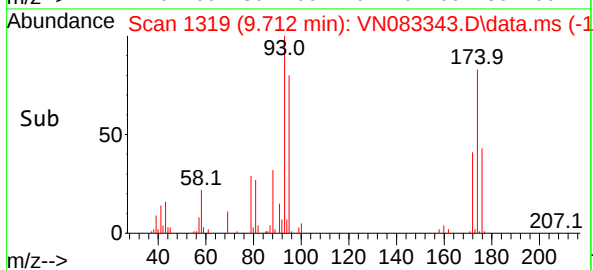
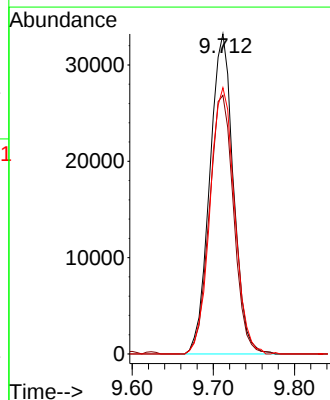
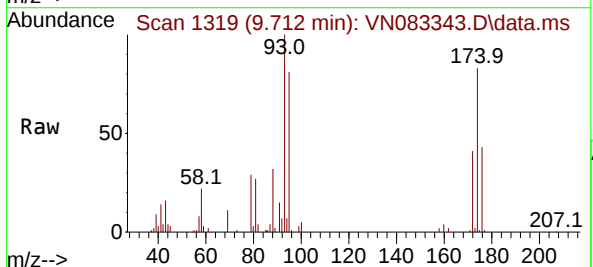
Tgt Ion: 93 Resp: 67347

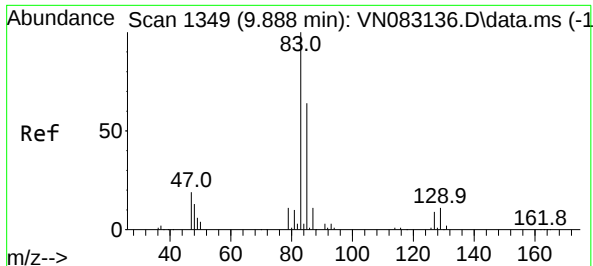
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.6

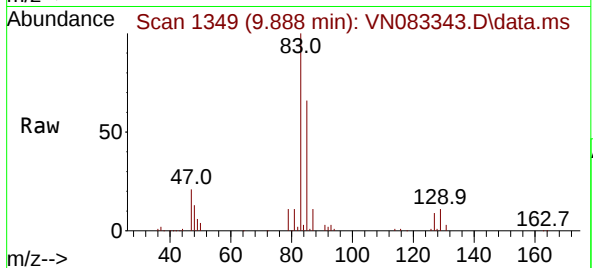
174 86.3 71.7 107.5





#47
Bromodichloromethane
Concen: 54.839 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

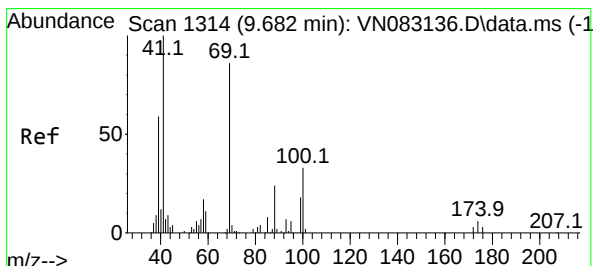
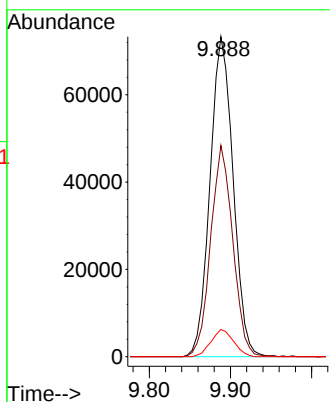
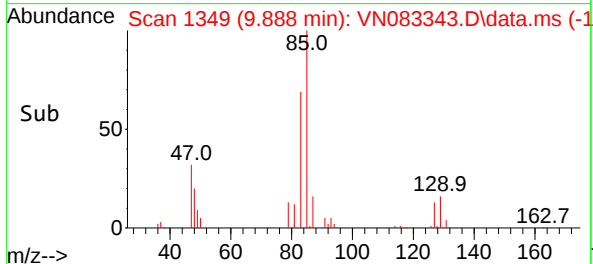
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



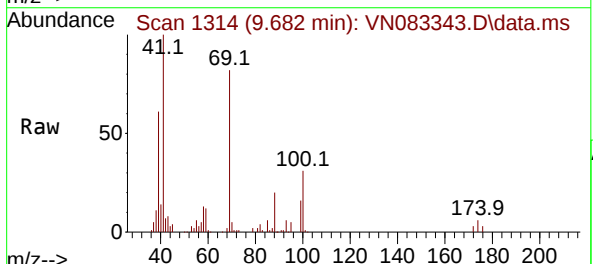
Tgt Ion: 83 Resp: 145019
Ion Ratio Lower Upper
83 100
85 66.0 51.1 76.7
127 8.5 7.2 10.8

Manual Integrations
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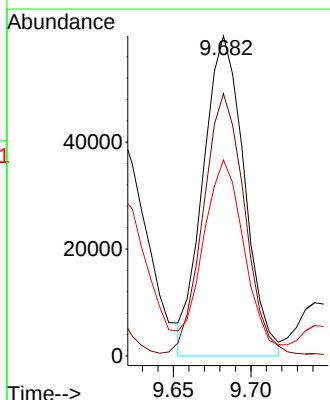
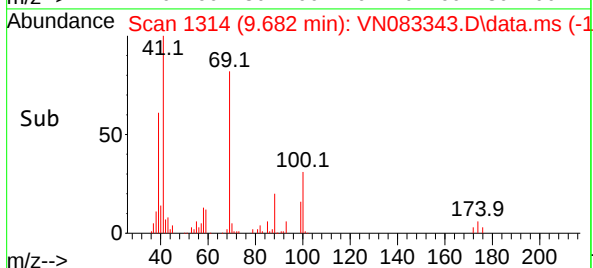
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

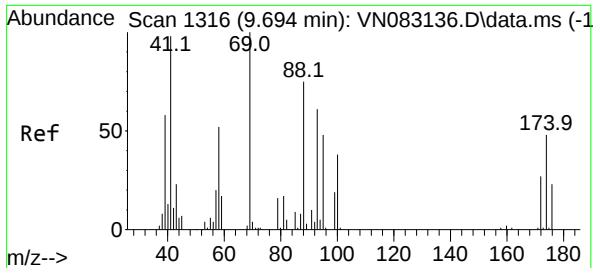


#48
Methyl methacrylate
Concen: 51.359 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



Tgt Ion: 41 Resp: 110623
Ion Ratio Lower Upper
41 100
69 83.2 56.3 84.5
39 61.7 50.3 75.5





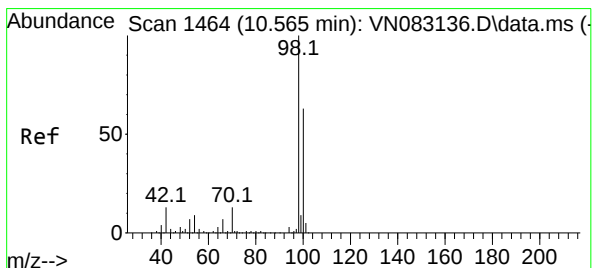
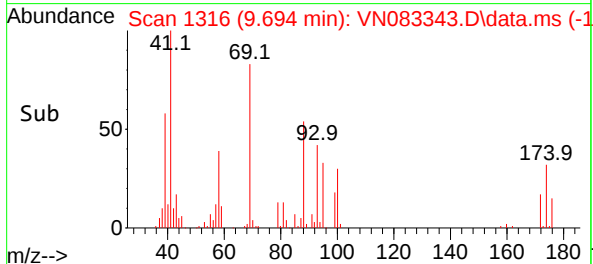
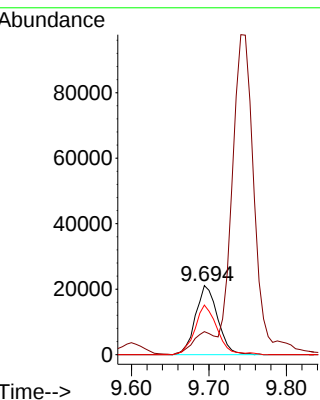
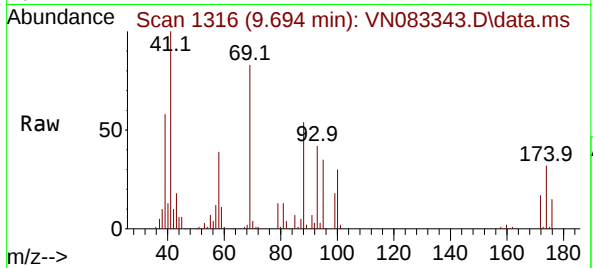
#49
1,4-Dioxane
Concen: 1076.408 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 41828
Ion Ratio Lower Upper
88 100
43 30.8 27.8 41.8
58 72.5 59.4 89.0

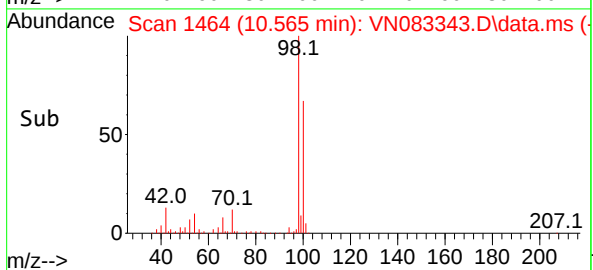
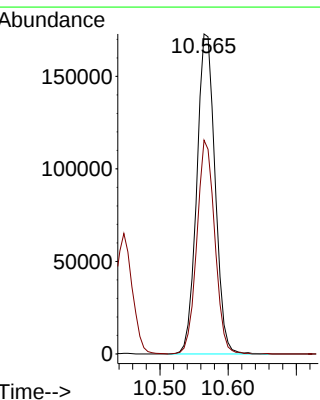
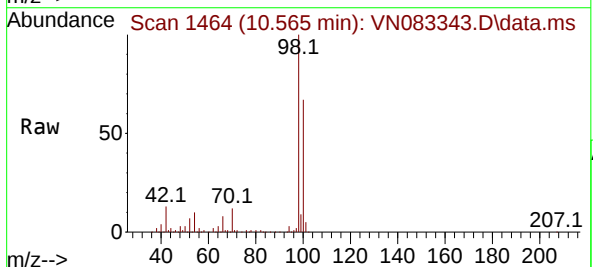
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#50
Toluene-d8
Concen: 56.256 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

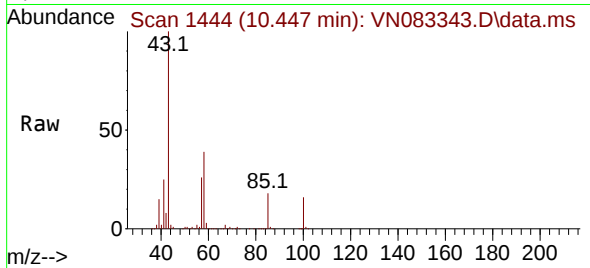
Tgt Ion: 98 Resp: 322787
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 289.451 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

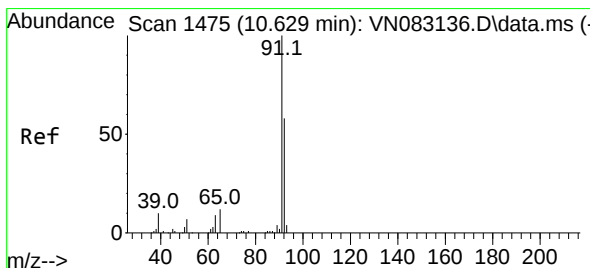
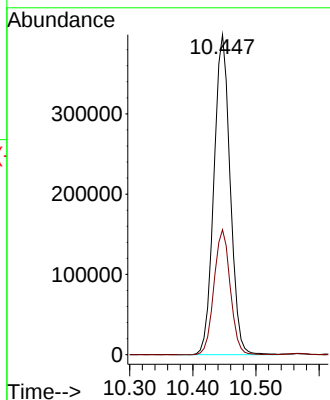
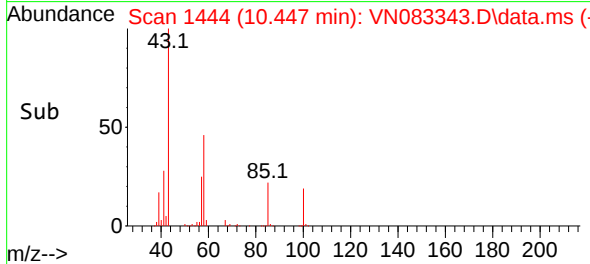
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 713110
Ion Ratio Lower Upper
43 100
58 39.0 28.2 42.4

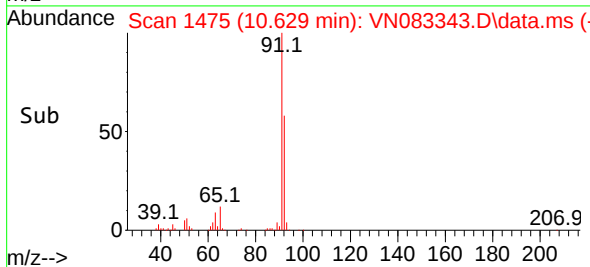
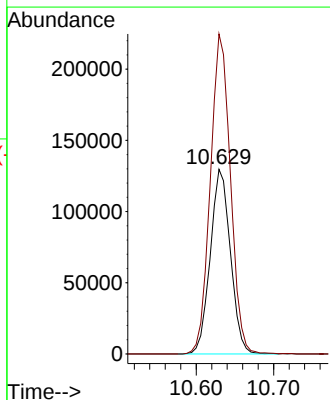
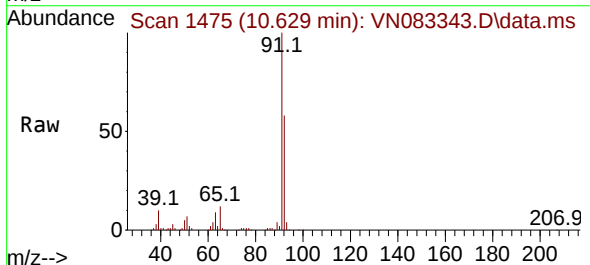
Manual Integrations
APPROVED

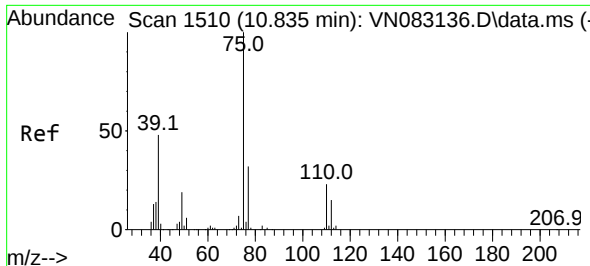
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#52
Toluene
Concen: 53.656 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

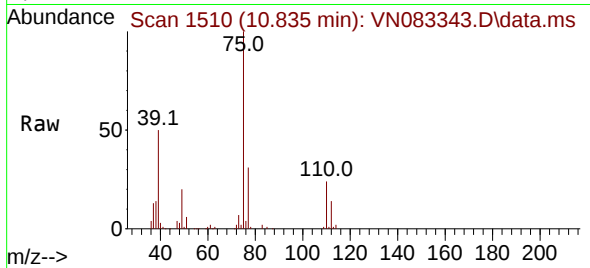
Tgt Ion: 92 Resp: 235001
Ion Ratio Lower Upper
92 100
91 172.9 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 53.336 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

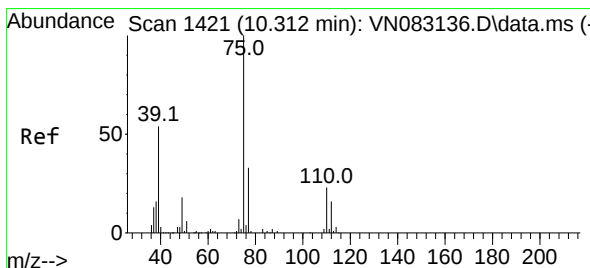
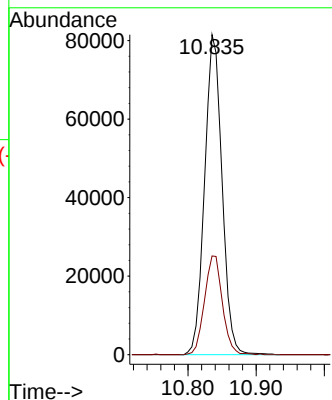
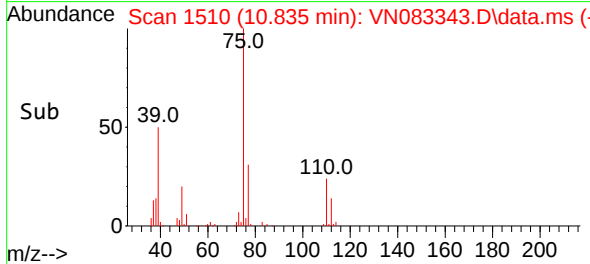
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 14488
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5

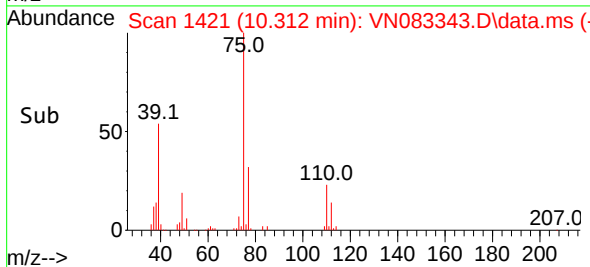
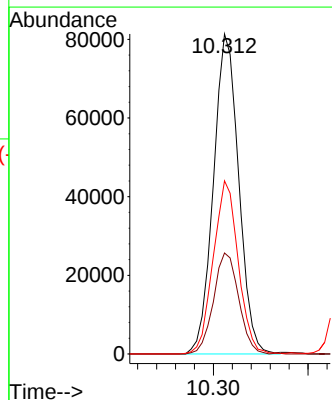
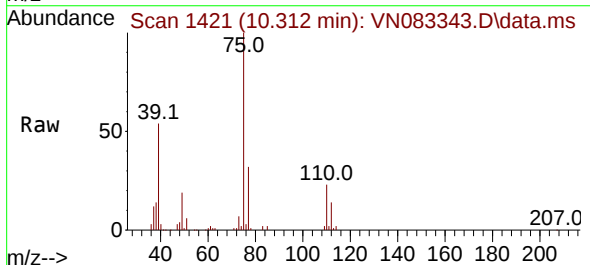
Manual Integrations
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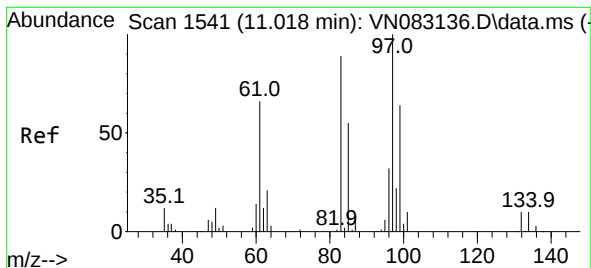
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#54
cis-1,3-Dichloropropene
Concen: 52.164 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

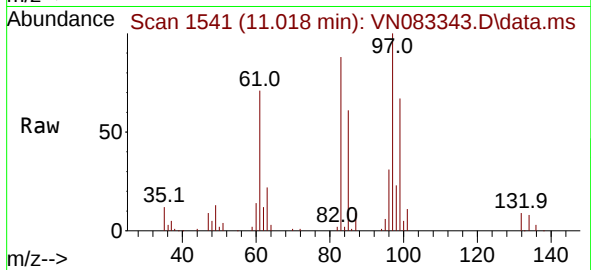
Tgt Ion: 75 Resp: 150715
Ion Ratio Lower Upper
75 100
77 31.6 24.3 36.5
39 54.1 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 58.052 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

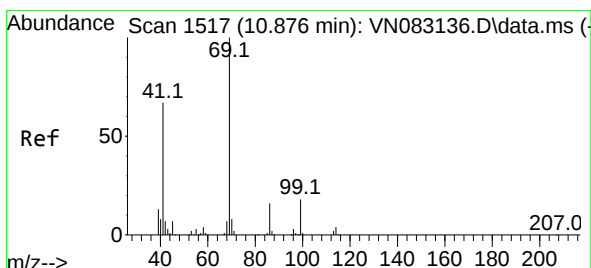
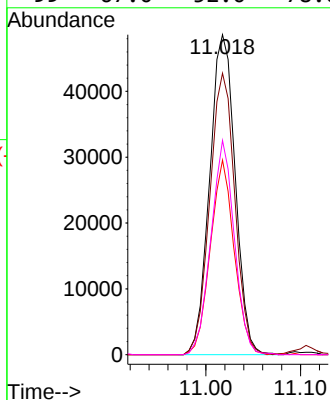
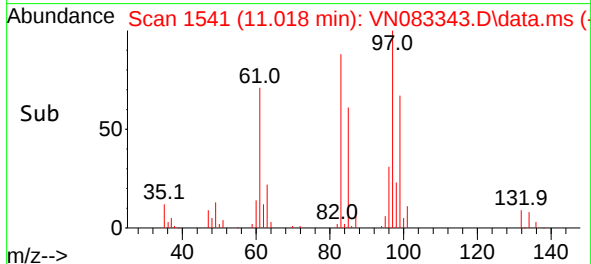
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



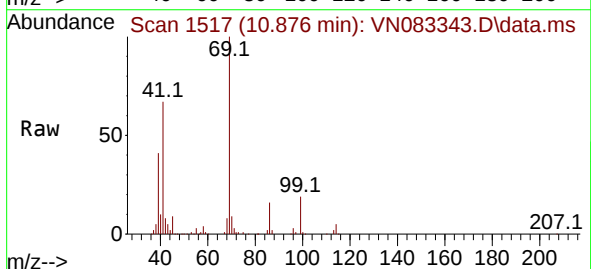
Tgt Ion:	97	Resp:	91110
Ion	Ratio	Lower	Upper
97	100		
83	88.0	71.4	107.0
85	60.8	45.8	68.6
99	67.0	52.0	78.0

Manual Integrations
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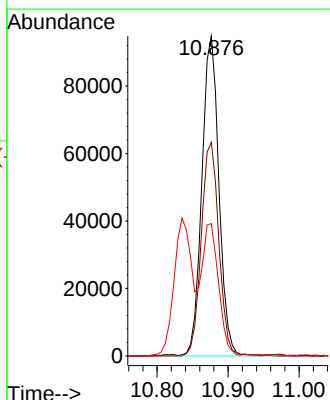
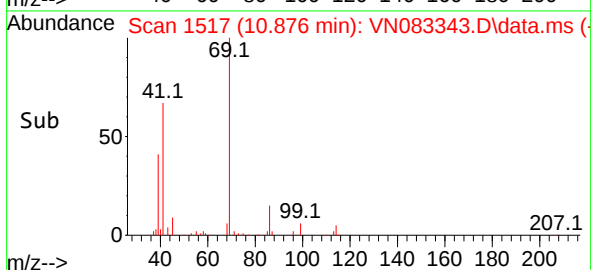
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

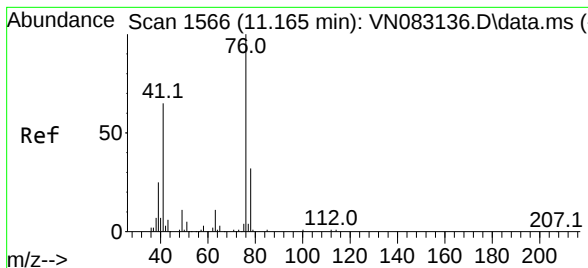


#56
Ethyl methacrylate
Concen: 53.542 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



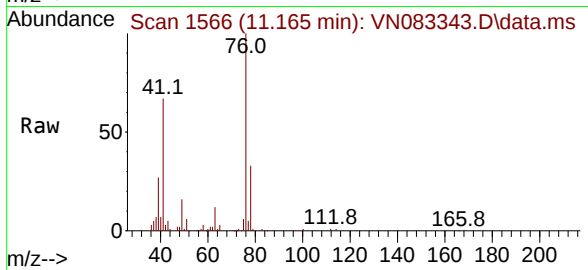
Tgt Ion:	69	Resp:	158426
Ion	Ratio	Lower	Upper
69	100		
41	69.0	63.4	95.2
39	41.7	37.4	56.0





#57
1,3-Dichloropropane
Concen: 56.668 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

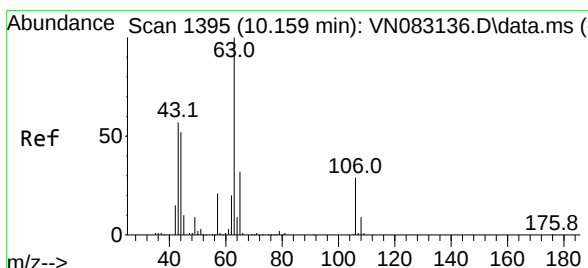
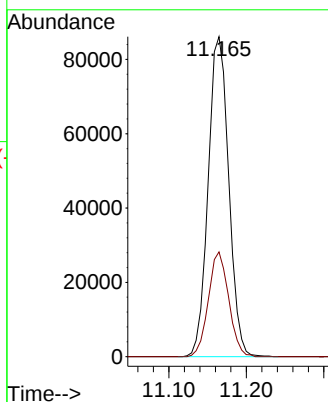
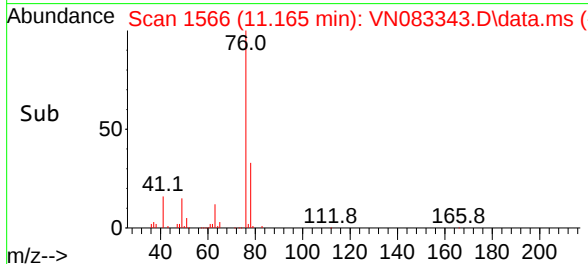
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



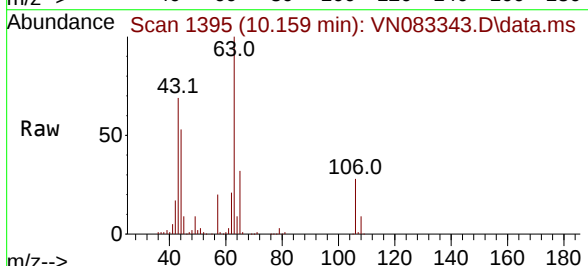
Tgt Ion: 76 Resp: 15853
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4

Manual Integrations
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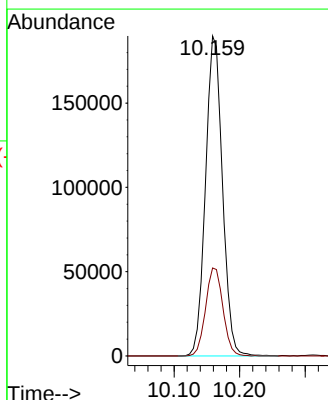
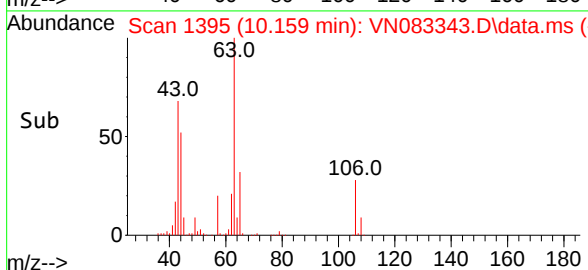
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

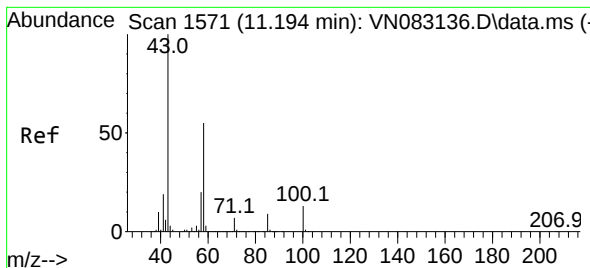


#58
2-Chloroethyl Vinyl ether
Concen: 272.524 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



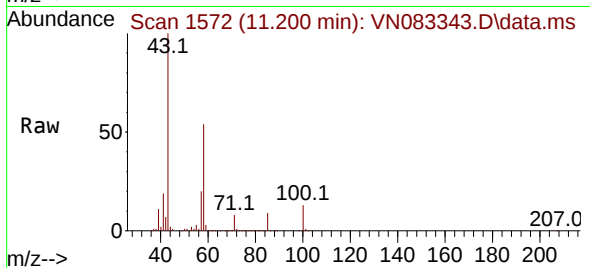
Tgt Ion: 63 Resp: 340857
Ion Ratio Lower Upper
63 100
106 28.1 21.4 32.0





#59
2-Hexanone
Concen: 280.883 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

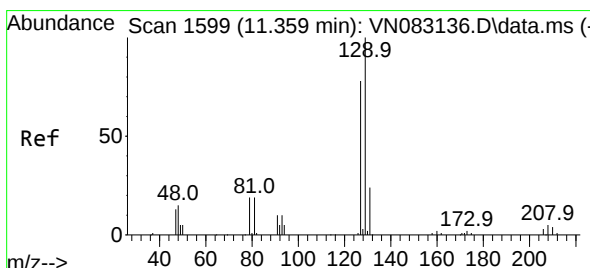
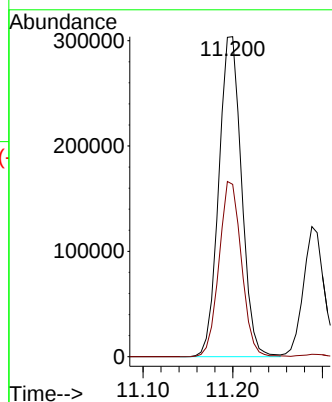
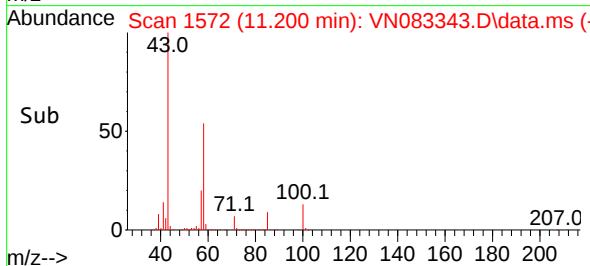
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 535360
Ion Ratio Lower Upper
43 100
58 53.9 24.6 73.8

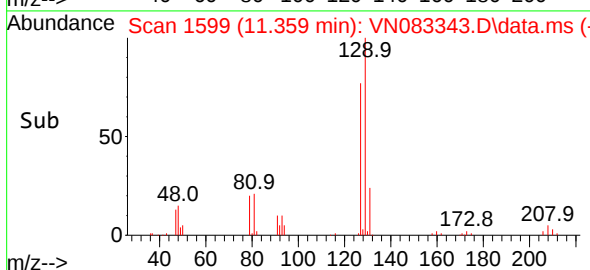
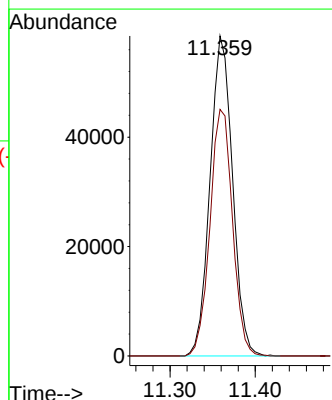
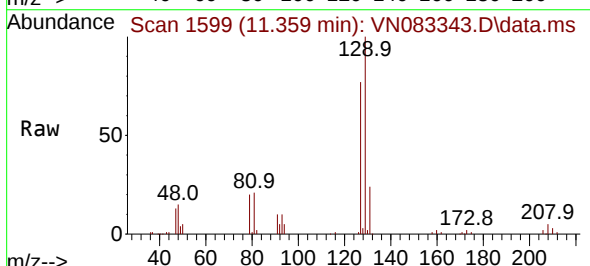
Manual Integrations
APPROVED

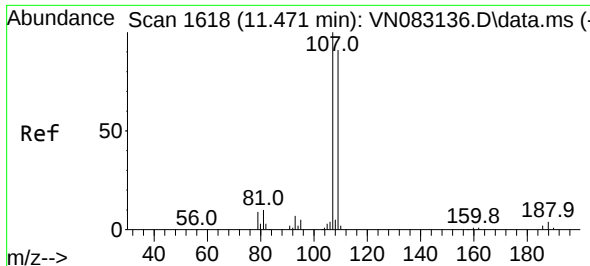
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#60
Dibromochloromethane
Concen: 56.502 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

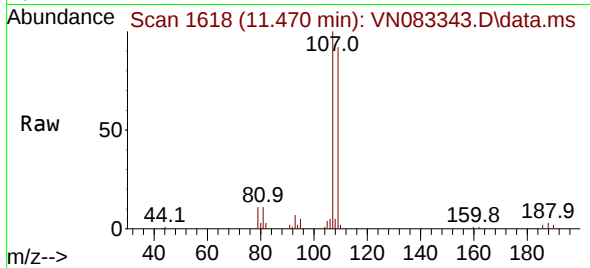
Tgt Ion:129 Resp: 107223
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





#61
1,2-Dibromoethane
Concen: 55.577 ug/l
RT: 11.470 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

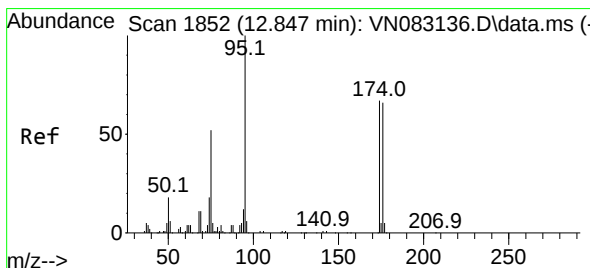
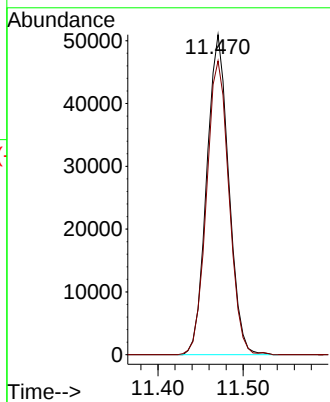
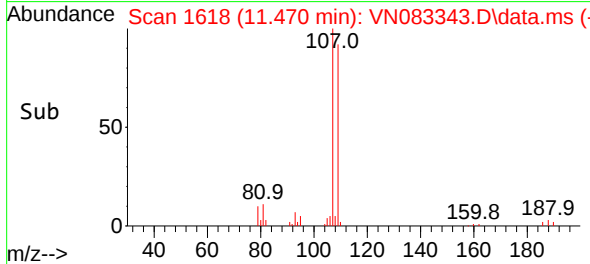
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



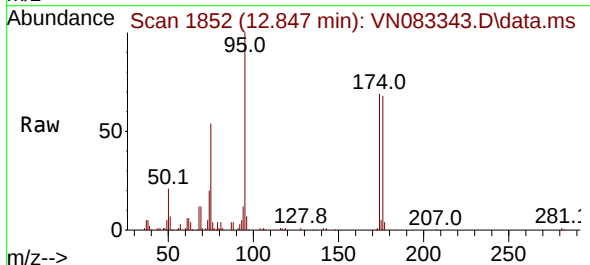
Tgt Ion:107 Resp: 9163
Ion Ratio Lower Upper
107 100
109 93.4 73.7 110.5

Manual Integrations
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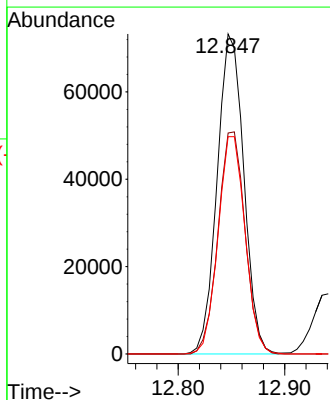
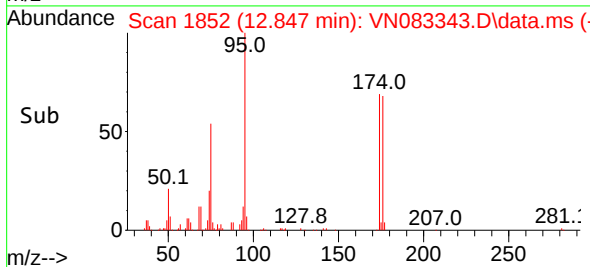
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

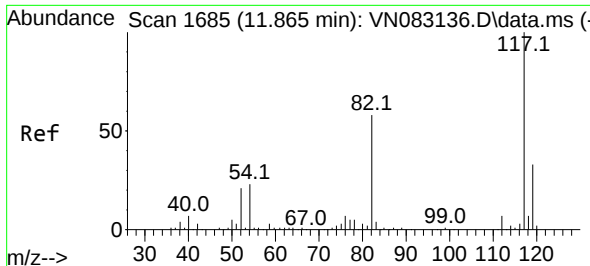


#62
4-Bromofluorobenzene
Concen: 56.941 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



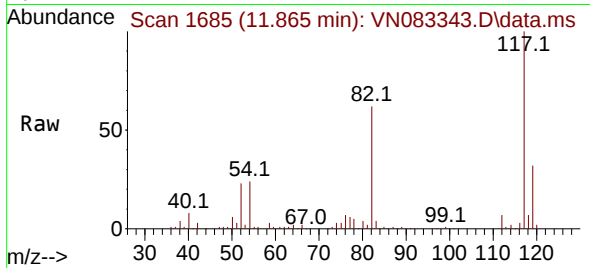
Tgt Ion: 95 Resp: 127372
Ion Ratio Lower Upper
95 100
174 70.3 0.0 159.2
176 68.8 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

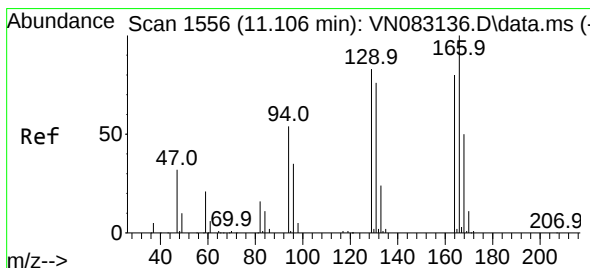
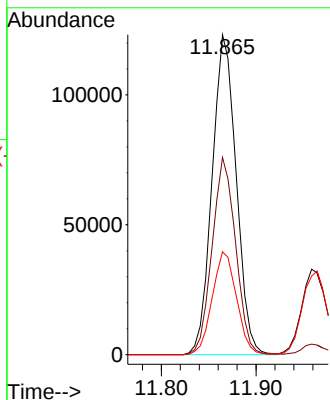
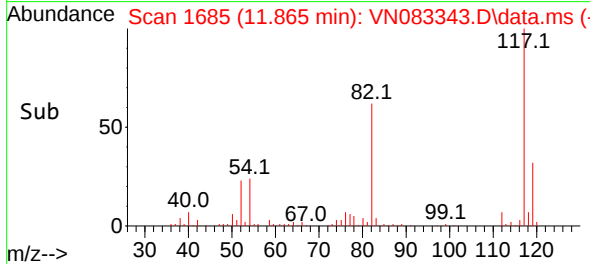
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 21801
Ion Ratio Lower Upper
117 100
82 61.6 47.5 71.3
119 32.1 25.6 38.4

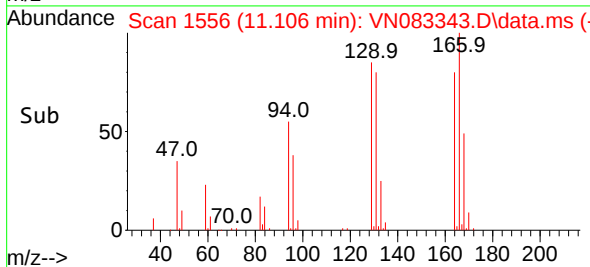
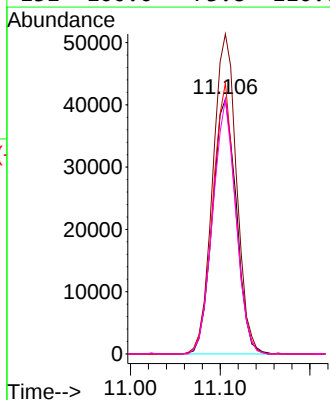
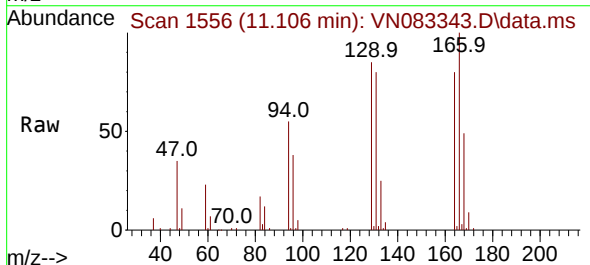
Manual Integrations
APPROVED

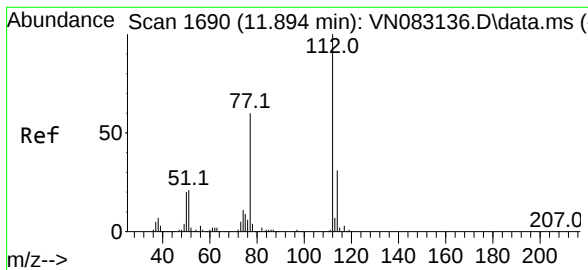
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#64
Tetrachloroethene
Concen: 52.298 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

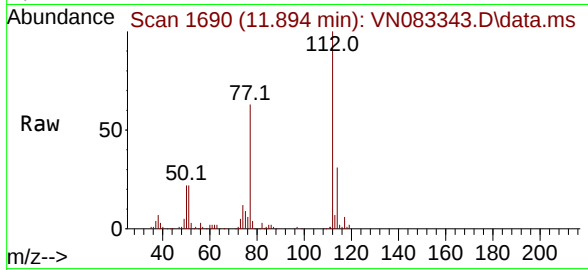
Tgt Ion:164 Resp: 75510
Ion Ratio Lower Upper
164 100
166 125.6 101.4 152.0
129 106.4 75.7 113.5
131 100.0 73.8 110.6





#65
Chlorobenzene
Concen: 53.106 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

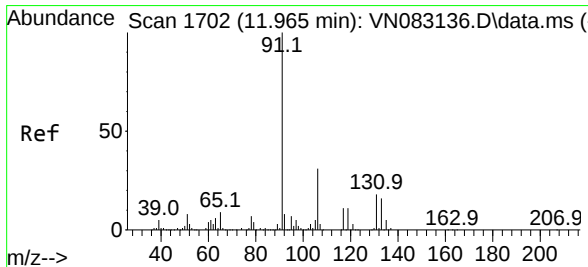
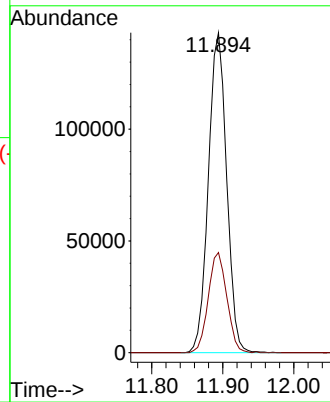
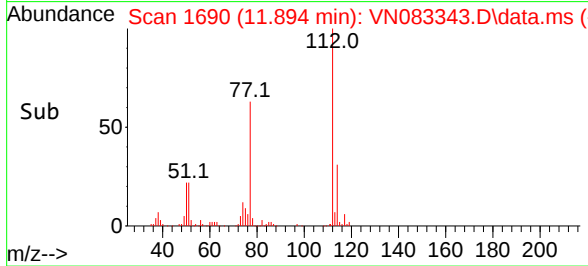
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



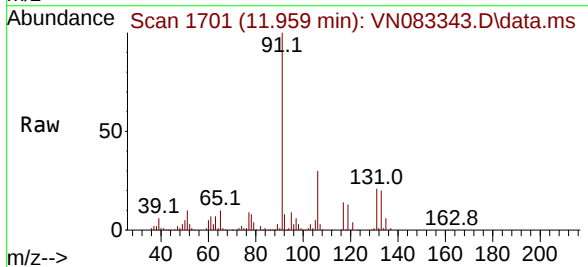
Tgt Ion:112 Resp: 25585
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2

Manual Integrations
APPROVED

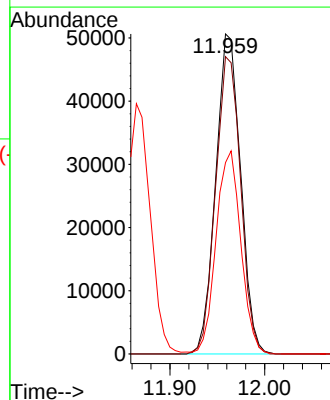
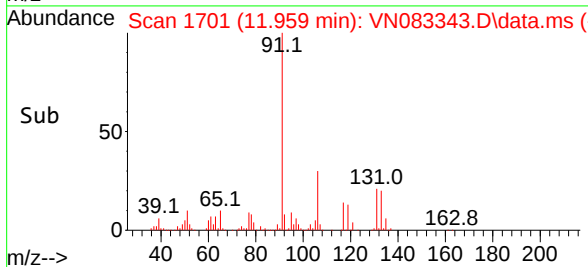
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

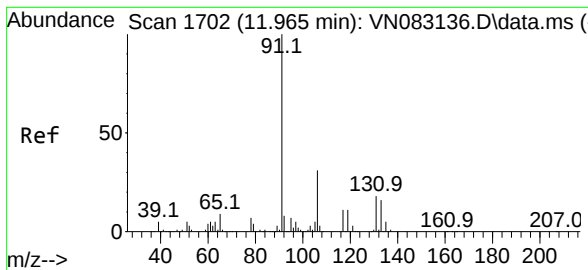


#66
1,1,1,2-Tetrachloroethane
Concen: 54.461 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



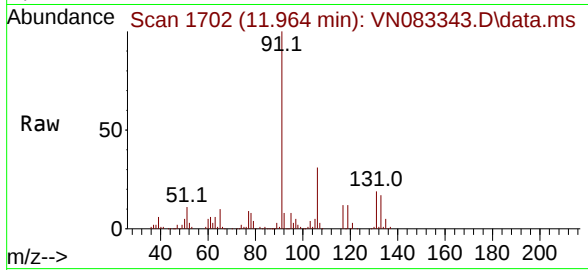
Tgt Ion:131 Resp: 92537
Ion Ratio Lower Upper
131 100
133 93.5 47.3 142.0
119 63.1 32.5 97.4





#67
Ethyl Benzene
Concen: 52.505 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

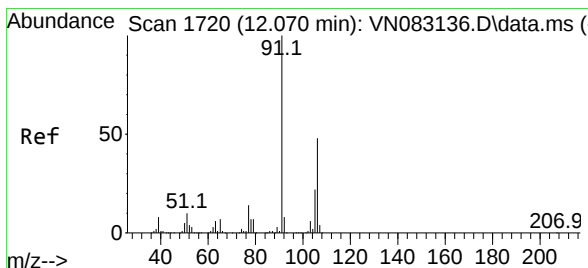
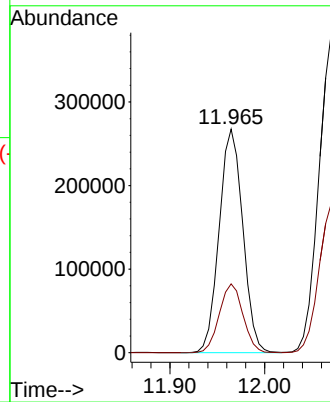
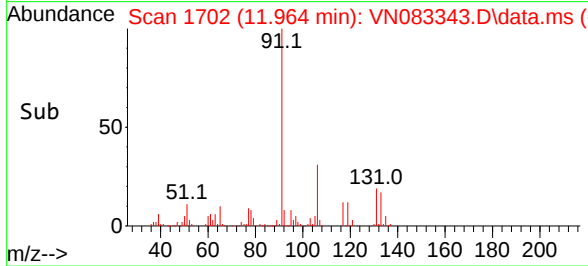
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 464040
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0

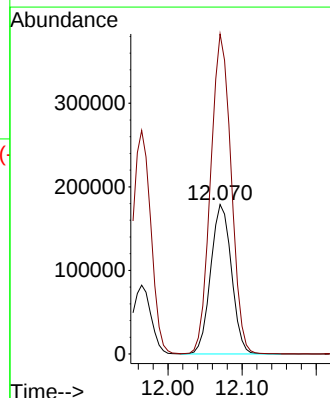
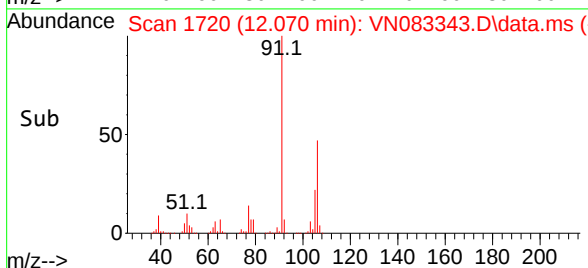
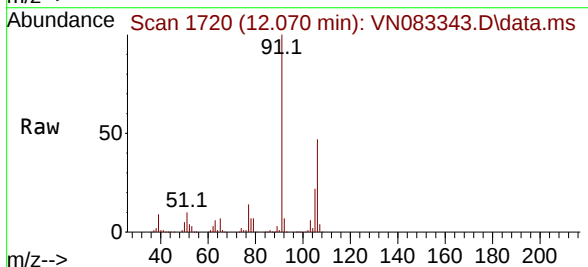
Manual Integrations
APPROVED

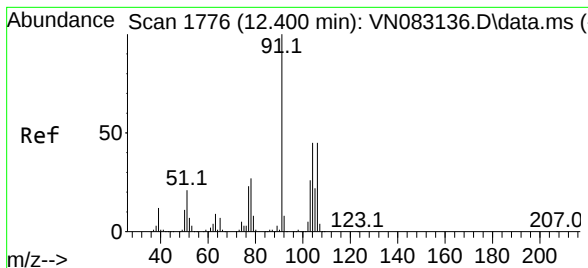
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#68
m/p-Xylenes
Concen: 105.178 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

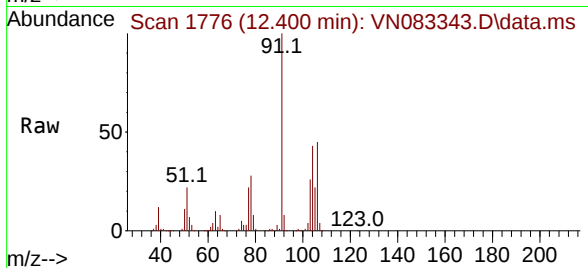
Tgt Ion:106 Resp: 348213
Ion Ratio Lower Upper
106 100
91 212.3 166.1 249.1





#69
o-Xylene
Concen: 52.966 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

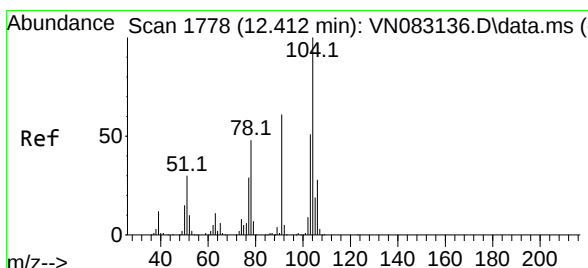
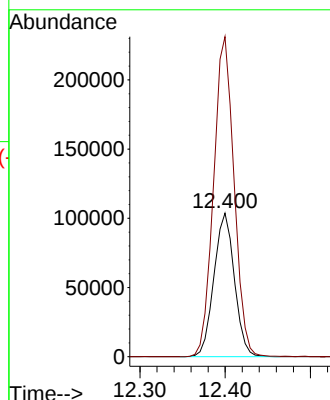
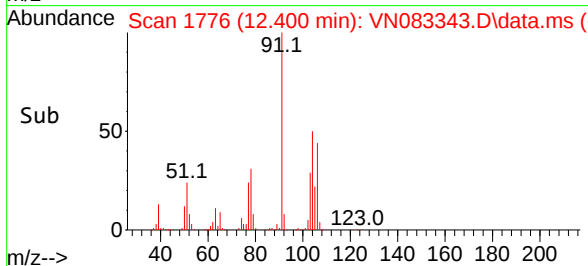
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 172940
Ion Ratio Lower Upper
106 100
91 223.2 111.3 333.9

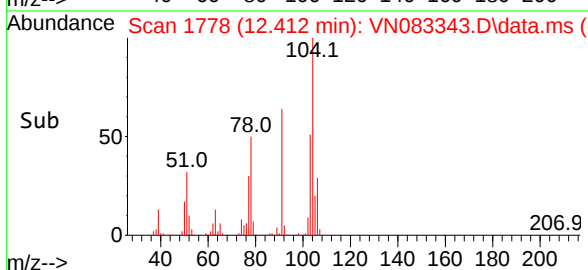
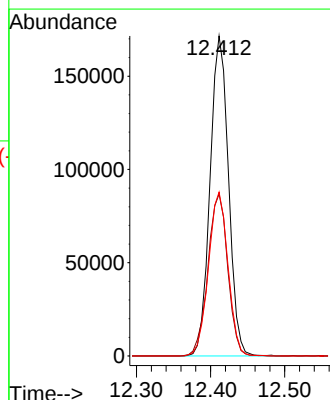
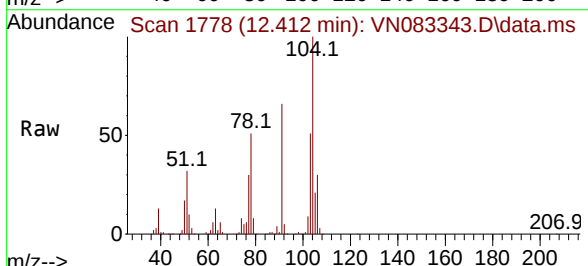
Manual Integrations
APPROVED

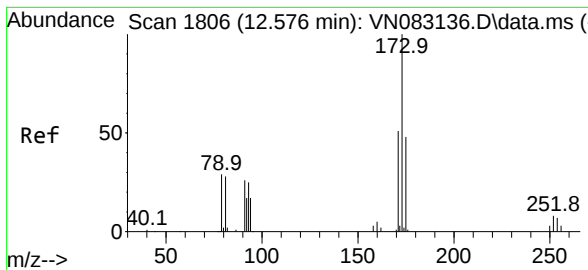
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#70
Styrene
Concen: 54.147 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

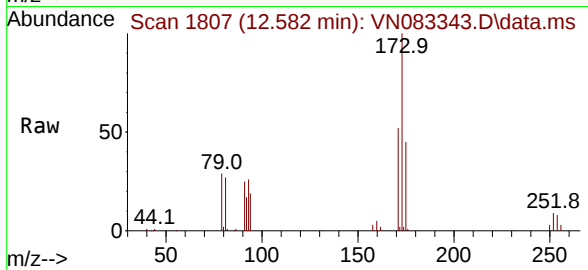
Tgt Ion:104 Resp: 296948
Ion Ratio Lower Upper
104 100
78 54.3 41.6 62.4
103 54.1 44.0 66.0





#71
Bromoform
Concen: 54.786 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

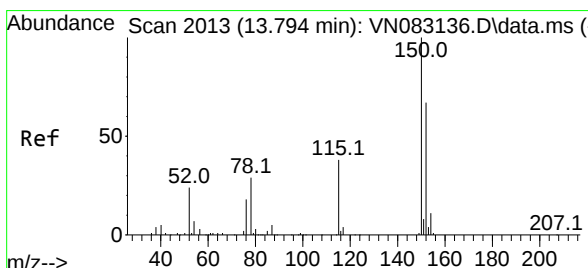
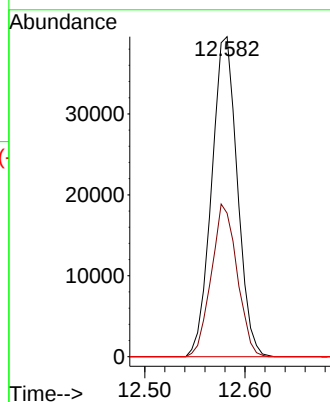
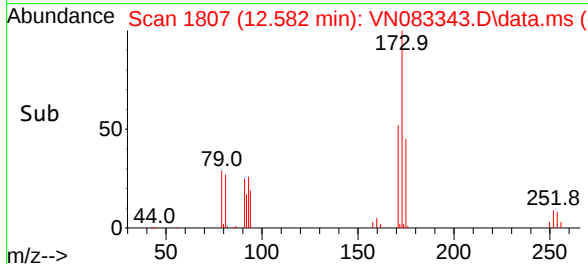
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



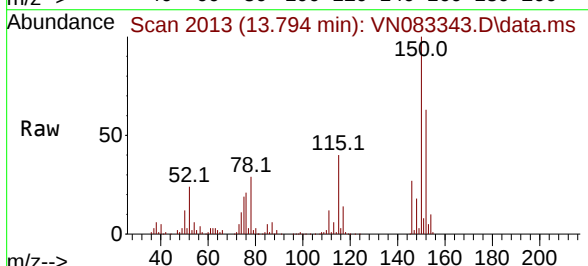
Tgt Ion:173 Resp: 7052
Ion Ratio Lower Upper
173 100
175 47.8 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

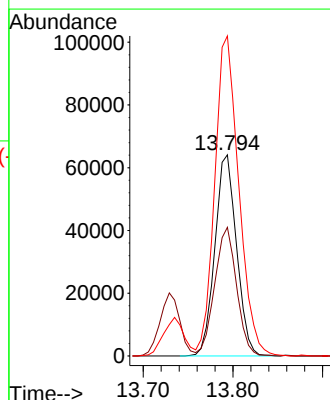
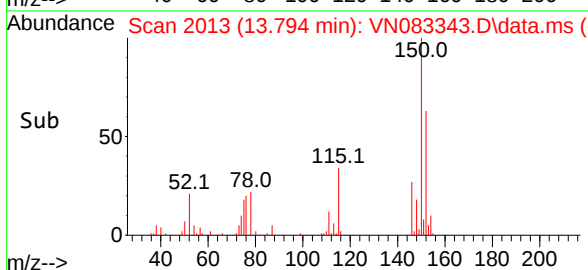
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

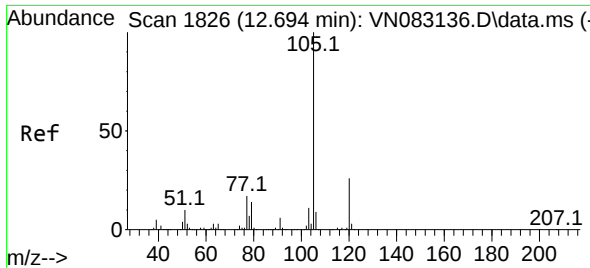


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



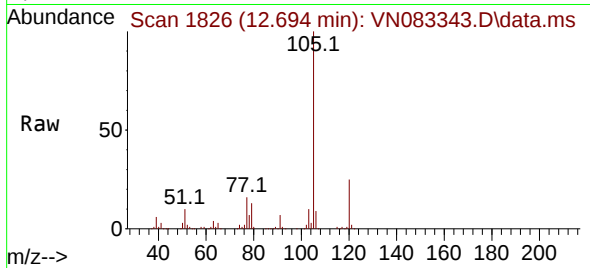
Tgt Ion:152 Resp: 107529
Ion Ratio Lower Upper
152 100
115 64.7 30.6 91.6
150 176.4 0.0 348.6





#73
Isopropylbenzene
Concen: 50.411 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

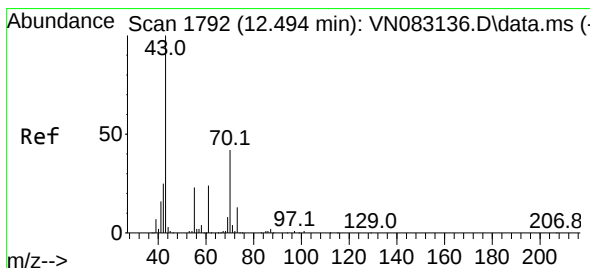
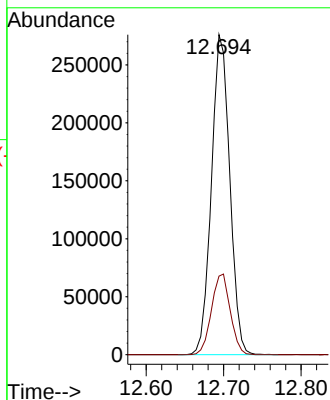
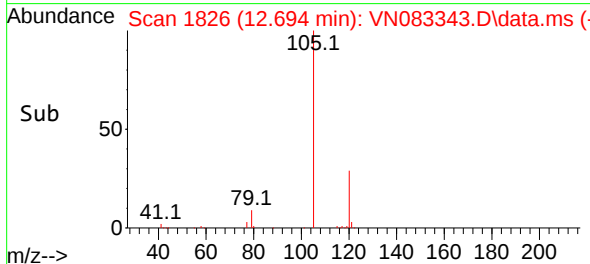
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



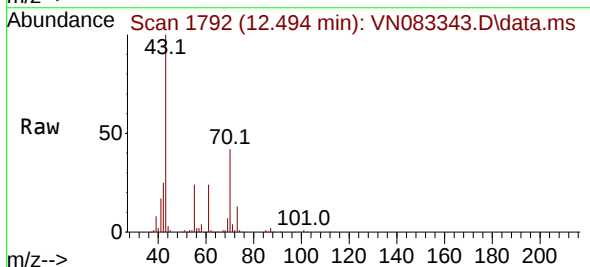
Tgt Ion:105 Resp: 45339
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

Manual Integrations
APPROVED

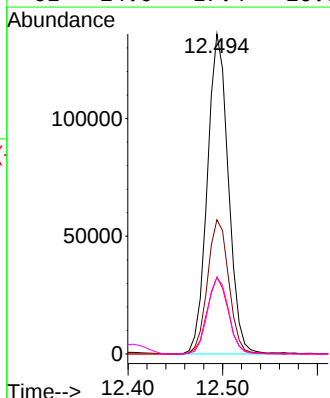
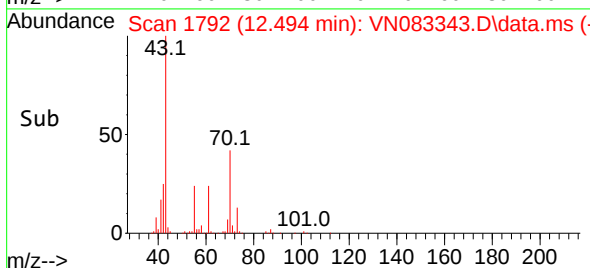
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

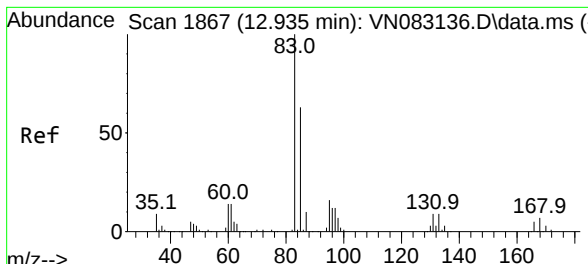


#74
N-ethyl acetate
Concen: 47.744 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



Tgt Ion: 43 Resp: 210042
Ion Ratio Lower Upper
43 100
70 42.5 29.8 44.6
55 24.2 18.7 28.1
61 24.0 17.4 26.0





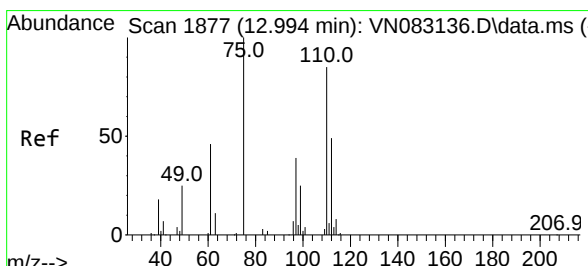
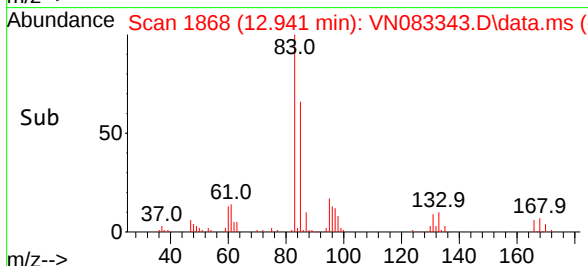
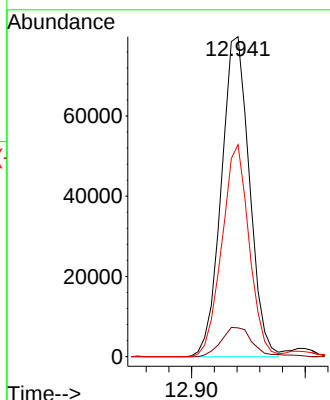
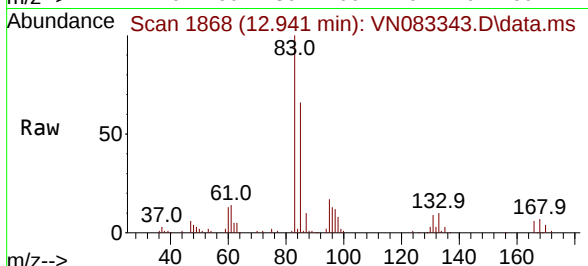
#75
1,1,2,2-Tetrachloroethane
Concen: 53.933 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 13719
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 64.1 31.9 95.7

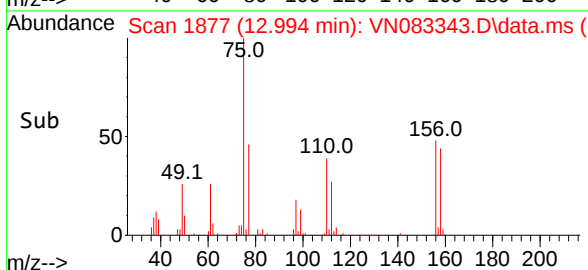
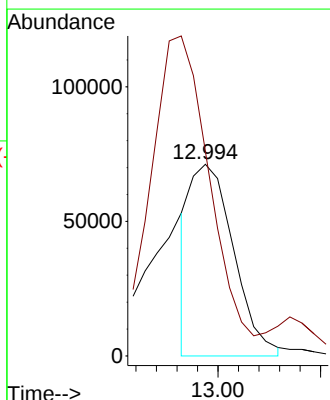
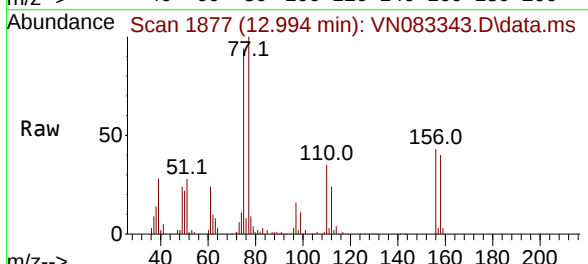
Manual Integrations
APPROVED

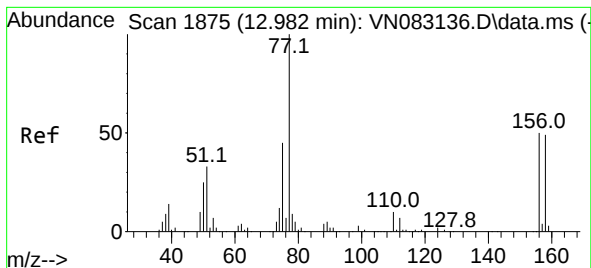
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#76
1,2,3-Trichloropropane
Concen: 44.323 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 75 Resp: 104601
Ion Ratio Lower Upper
75 100
77 230.0 110.9 332.6





#77

Bromobenzene

Concen: 51.542 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

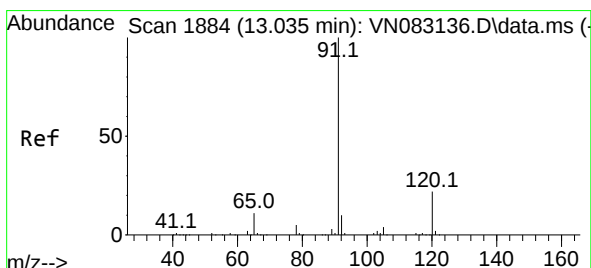
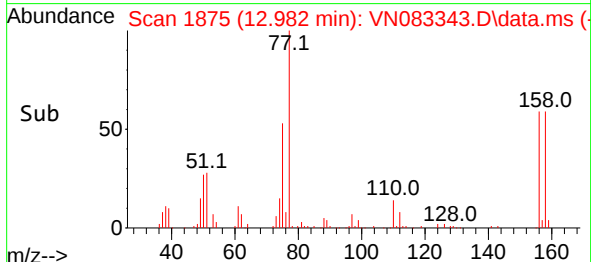
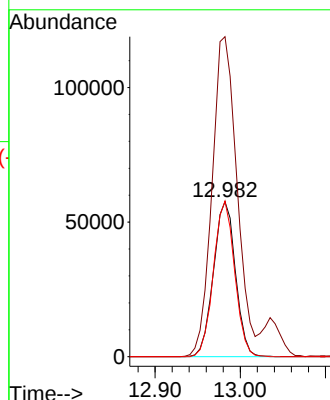
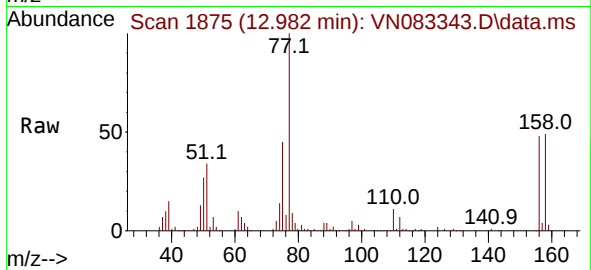
Tgt Ion:156 Resp: 102978
 Ion Ratio Lower Upper
 156 100
 77 233.6 111.3 333.8
 158 96.9 48.3 144.9

Manual Integrations

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Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#78

n-propylbenzene

Concen: 51.272 ug/l

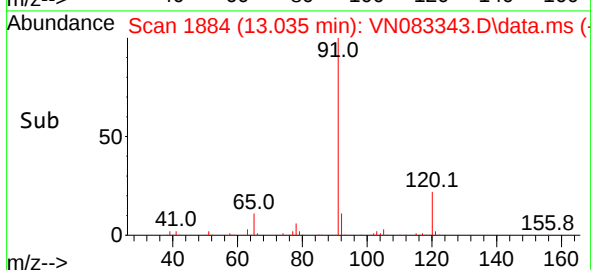
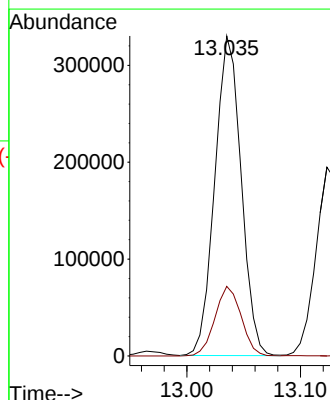
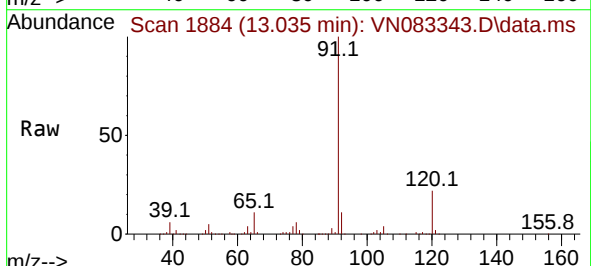
RT: 13.035 min Scan# 1884

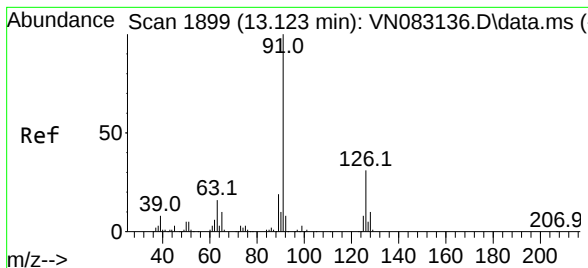
Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

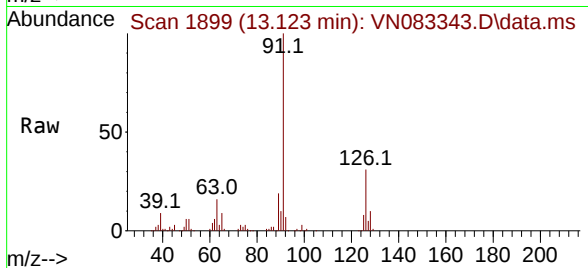
Tgt Ion: 91 Resp: 530990
 Ion Ratio Lower Upper
 91 100
 120 21.7 10.9 32.9





#79
2-Chlorotoluene
Concen: 50.474 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

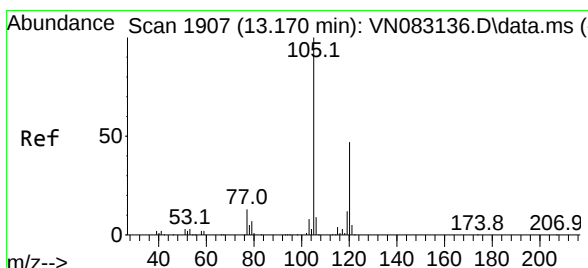
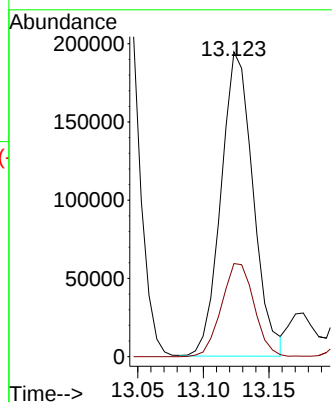
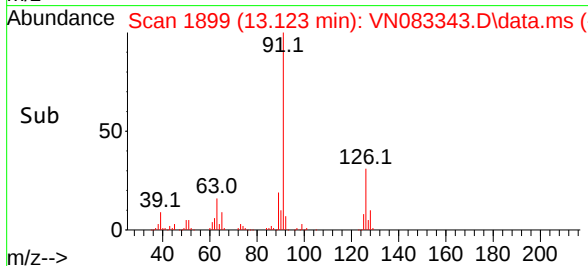
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



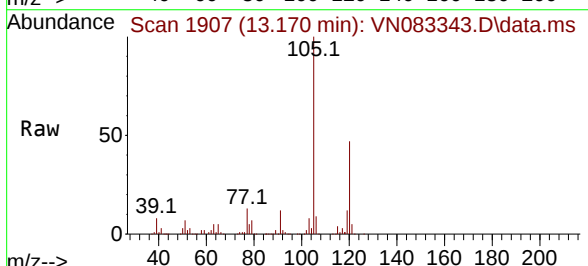
Tgt Ion: 91 Resp: 331409
Ion Ratio Lower Upper
91 100
126 31.2 16.2 48.6

Manual Integrations
APPROVED

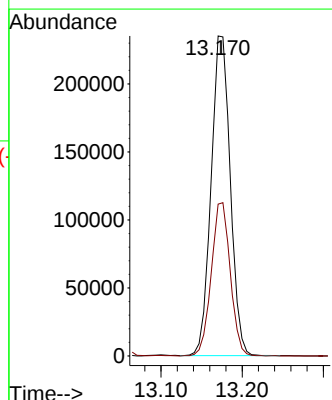
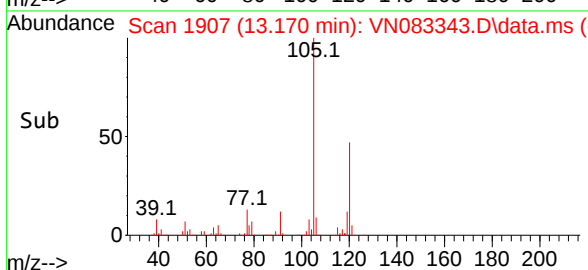
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

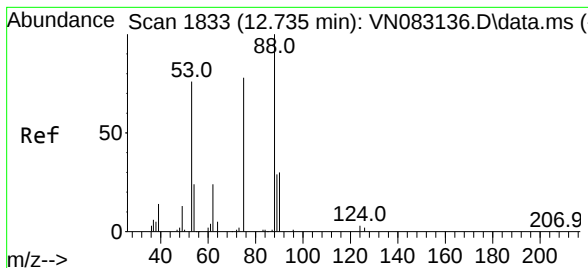


#80
1,3,5-Trimethylbenzene
Concen: 51.217 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



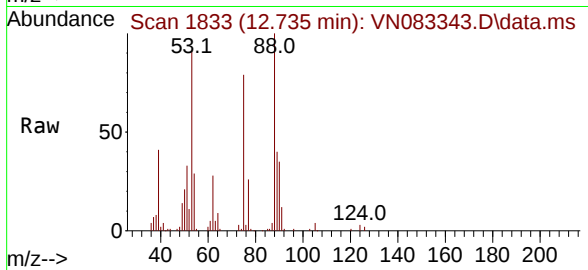
Tgt Ion:105 Resp: 385659
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 41.487 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

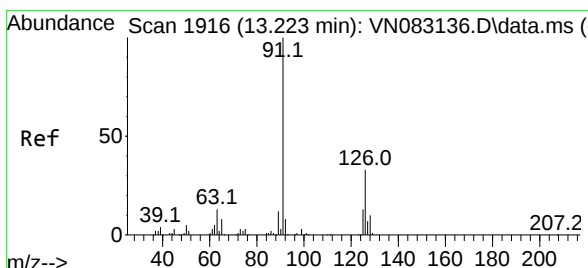
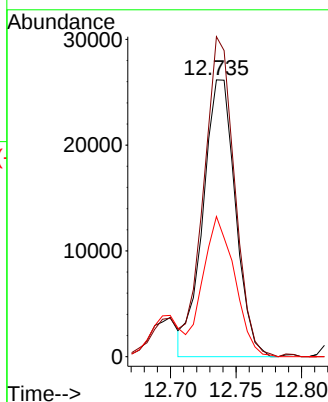
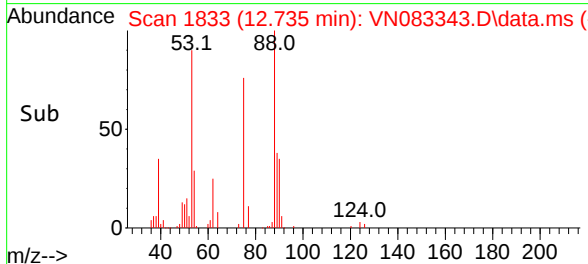
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4501
Ion Ratio Lower Upper
75 100
53 110.5 88.4 132.6
89 49.3 36.3 54.5

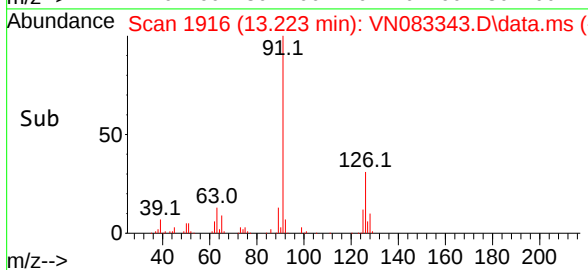
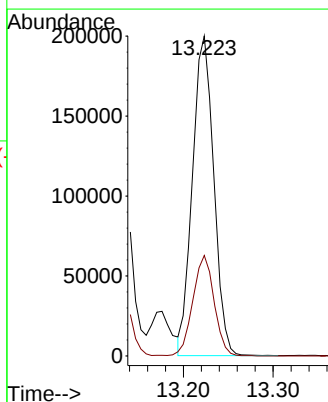
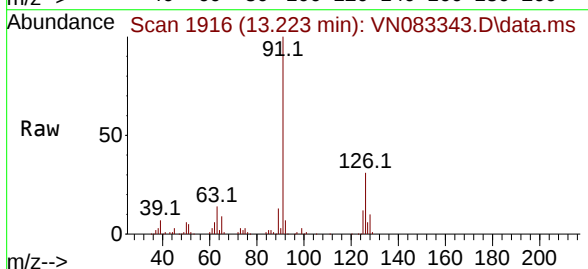
Manual Integrations
APPROVED

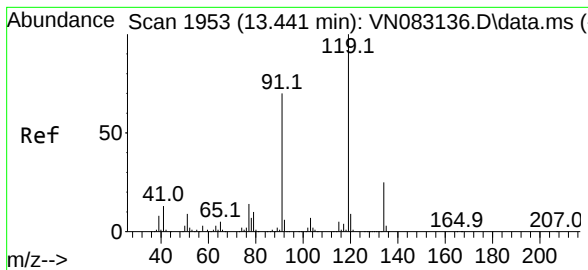
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#82
4-Chlorotoluene
Concen: 50.073 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

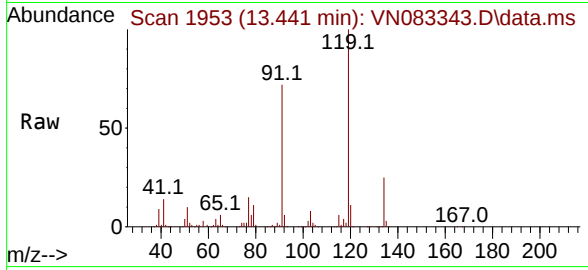
Tgt Ion: 91 Resp: 329781
Ion Ratio Lower Upper
91 100
126 31.4 16.2 48.6





#83
tert-Butylbenzene
Concen: 50.692 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

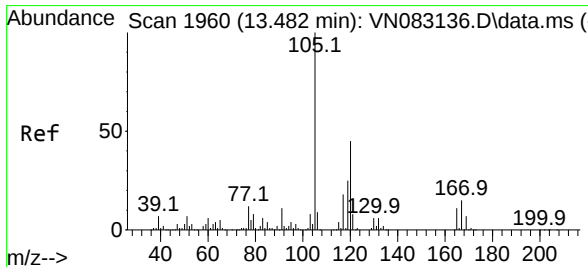
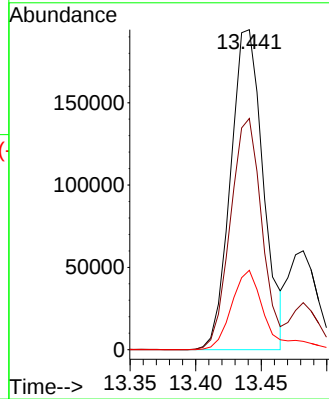
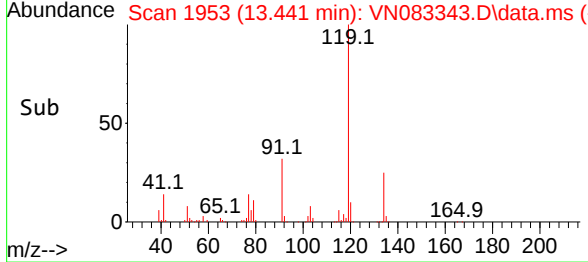
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



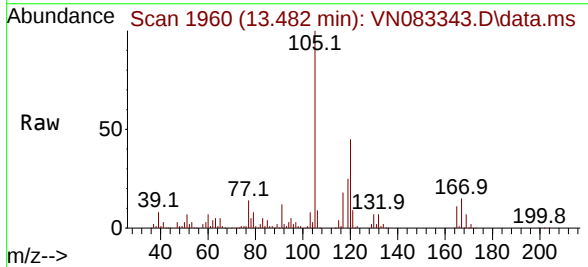
Tgt Ion:119 Resp: 338032
Ion Ratio Lower Upper
119 100
91 69.6 35.0 105.1
134 25.6 13.3 39.8

Manual Integrations
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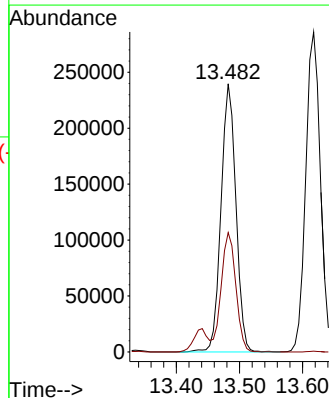
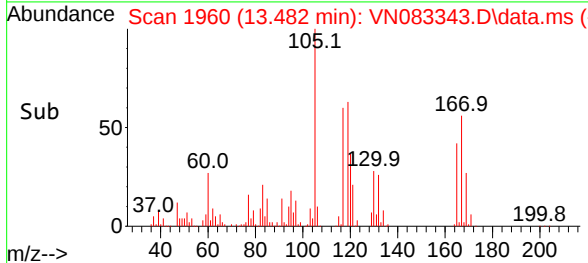
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

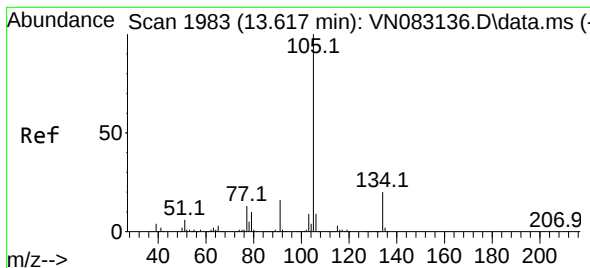


#84
1,2,4-Trimethylbenzene
Concen: 51.834 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



Tgt Ion:105 Resp: 393338
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





#85

sec-Butylbenzene

Concen: 50.582 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 46024

Ion Ratio Lower Upper

105 100

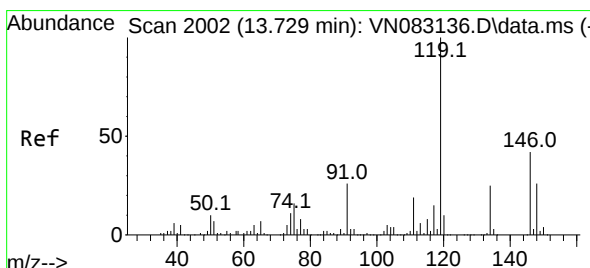
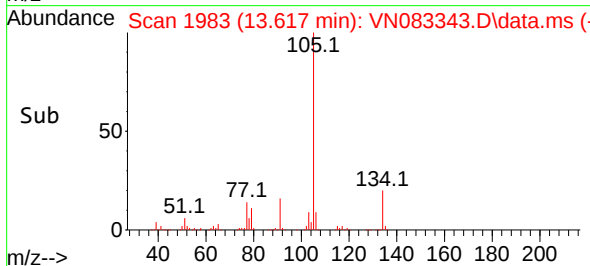
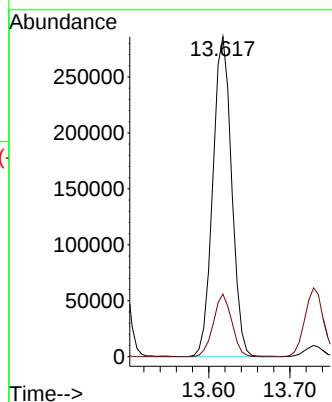
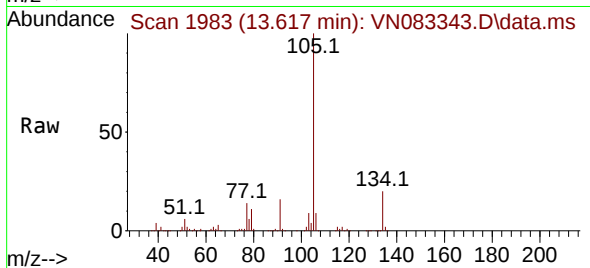
134 19.2 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#86

p-Isopropyltoluene

Concen: 51.461 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

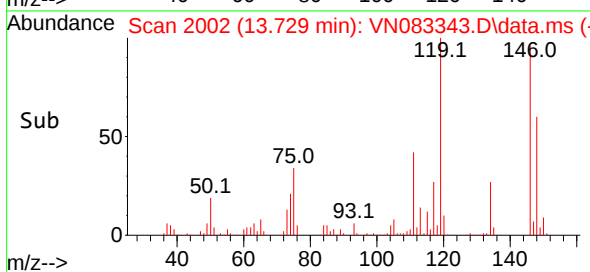
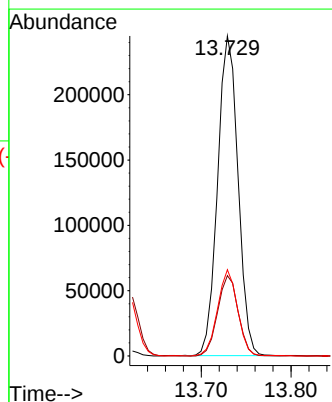
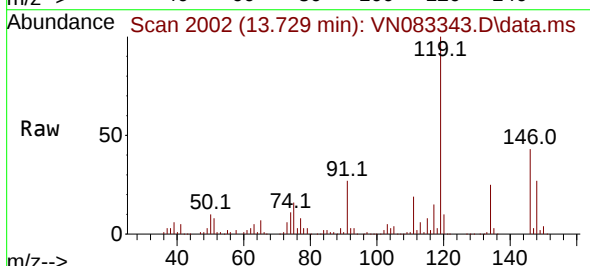
Tgt Ion:119 Resp: 386616

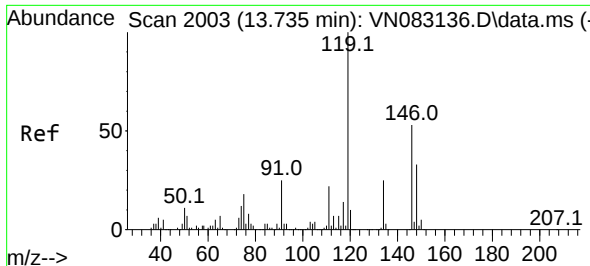
Ion Ratio Lower Upper

119 100

134 25.2 13.0 39.0

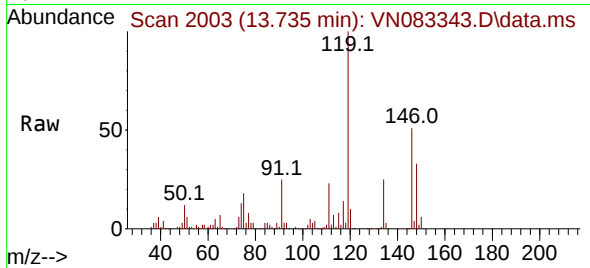
91 26.4 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 51.622 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN083343.D
 Acq: 15 Aug 2024 20:03

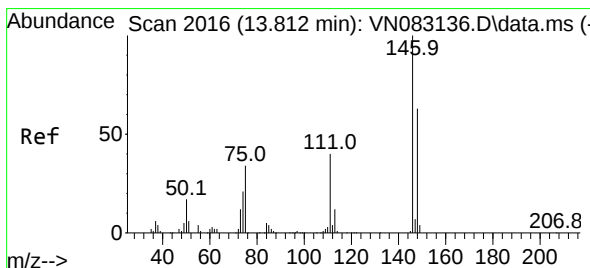
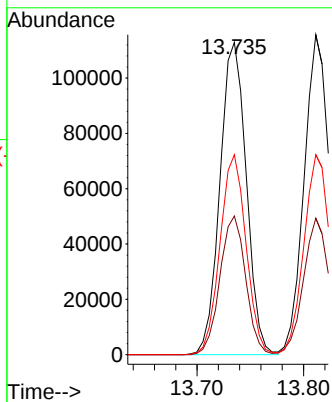
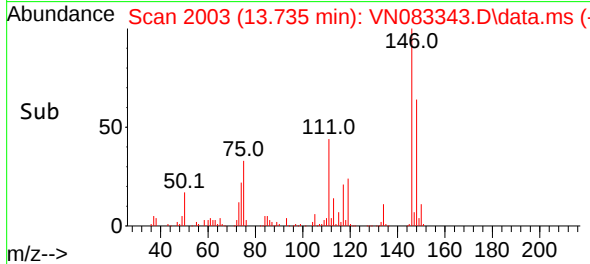
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



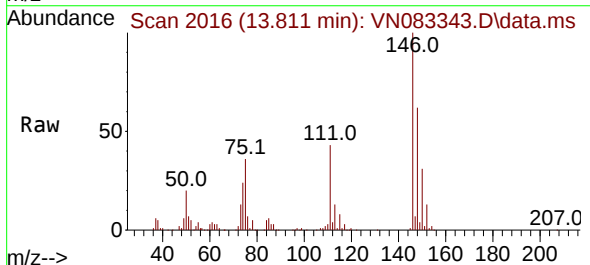
Tgt Ion:146 Resp: 194068
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.6 61.9
 148 63.4 31.8 95.3

Manual Integrations
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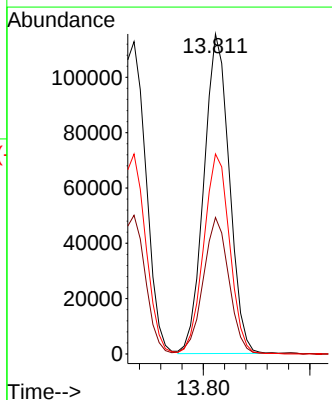
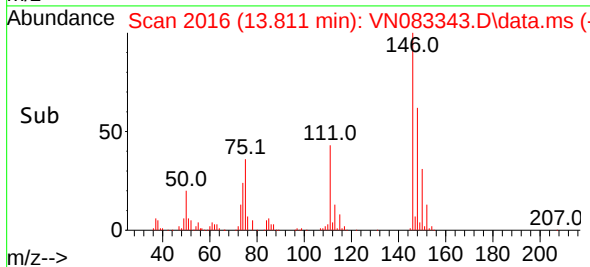
Reviewed By :John Carlone 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

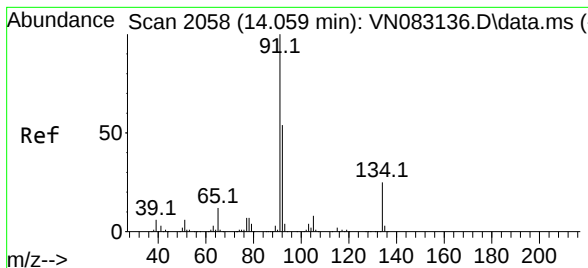


#88
 1,4-Dichlorobenzene
 Concen: 50.572 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN083343.D
 Acq: 15 Aug 2024 20:03



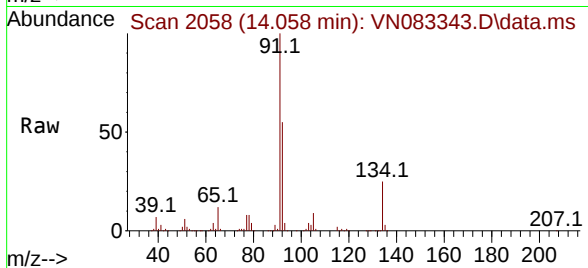
Tgt Ion:146 Resp: 191670
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.1 60.3
 148 63.9 32.2 96.6





#89
n-Butylbenzene
Concen: 51.290 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

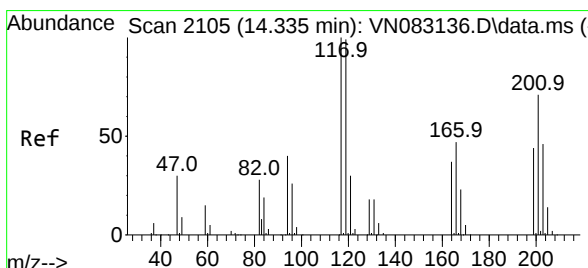
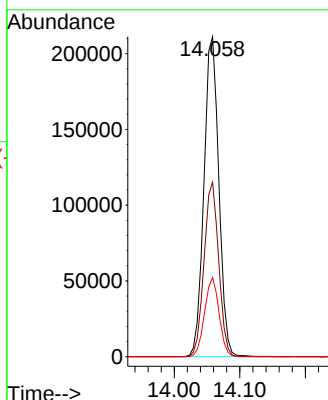
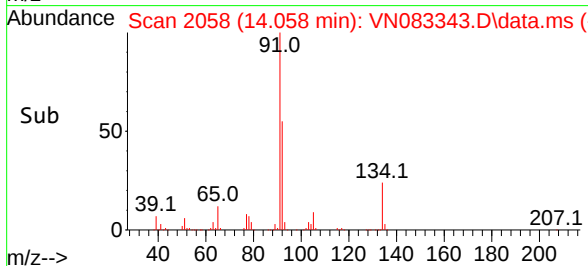
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 333890
Ion Ratio Lower Upper
91 100
92 53.6 26.1 78.3
134 24.0 12.1 36.3

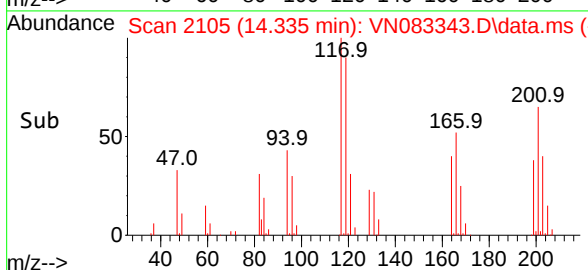
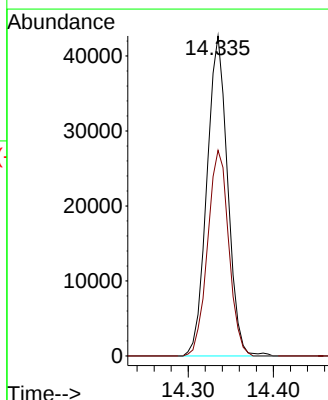
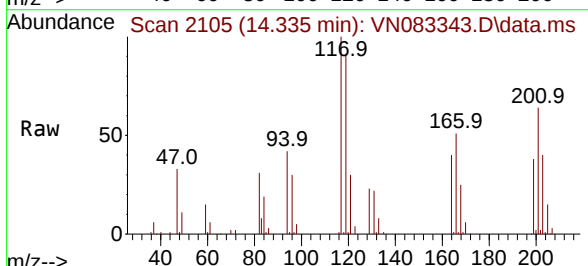
Manual Integrations
APPROVED

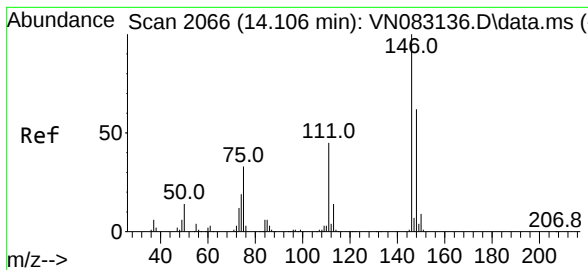
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#90
Hexachloroethane
Concen: 49.617 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion:117 Resp: 72017
Ion Ratio Lower Upper
117 100
201 65.5 35.8 107.3





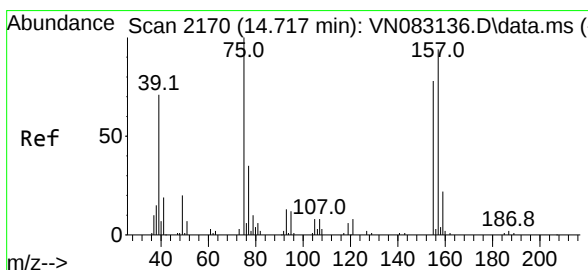
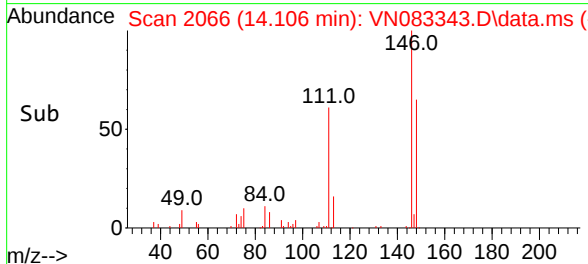
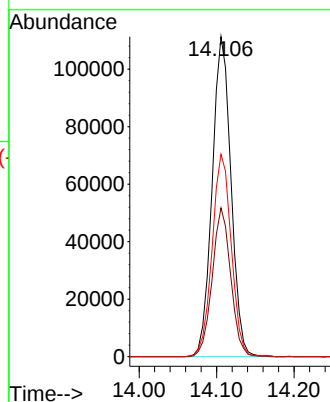
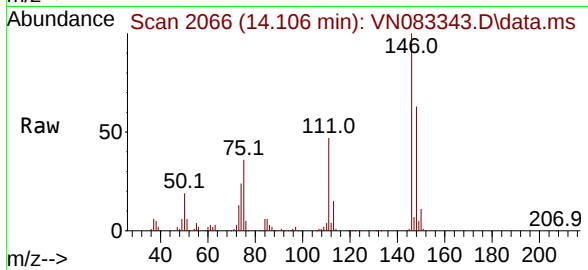
#91
1,2-Dichlorobenzene
Concen: 51.629 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 187824
Ion Ratio Lower Upper
146 100
111 45.7 21.4 64.2
148 64.3 32.1 96.5

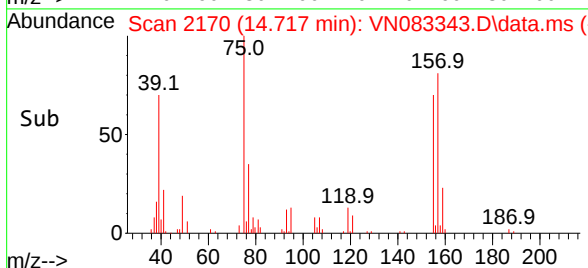
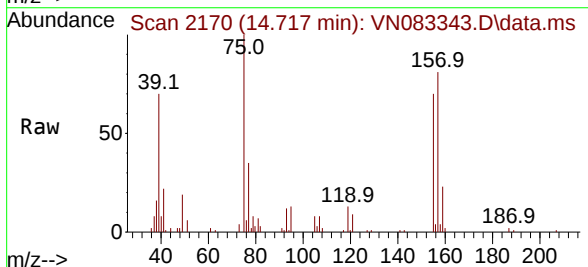
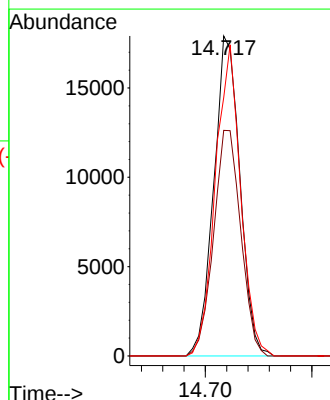
Manual Integrations
APPROVED

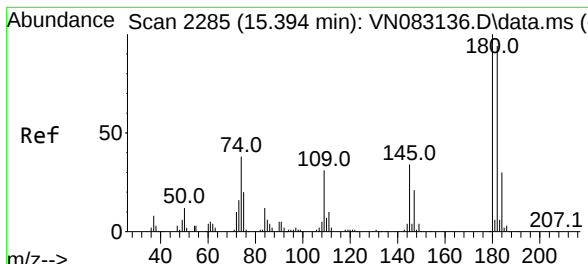
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.316 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

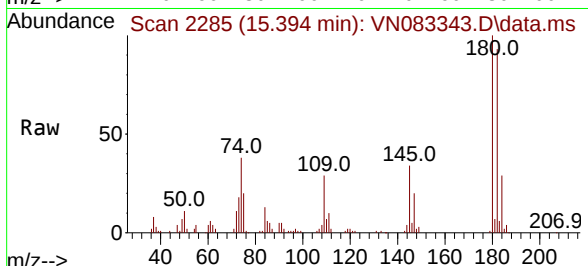
Tgt Ion: 75 Resp: 30442
Ion Ratio Lower Upper
75 100
155 73.4 36.6 109.8
157 93.7 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 48.955 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

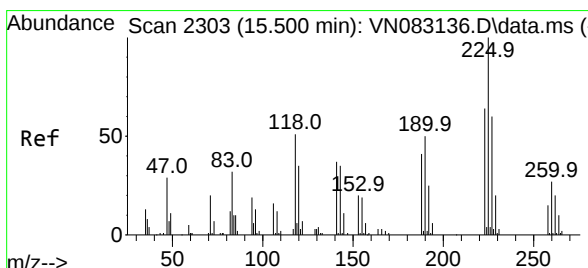
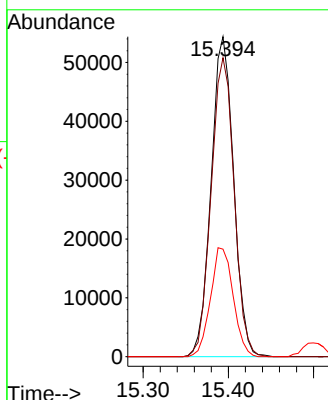
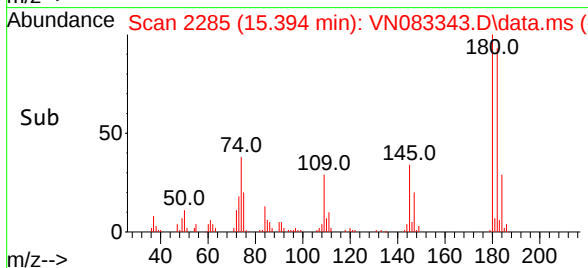
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



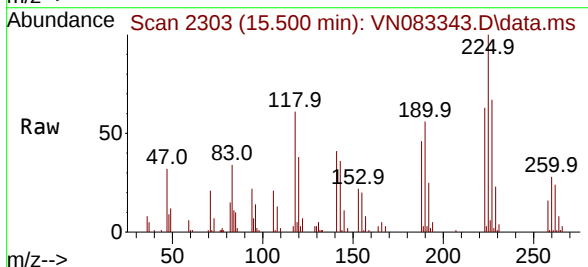
Tgt Ion:180 Resp: 99770
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.8
145 34.3 15.7 47.1

Manual Integrations
APPROVED

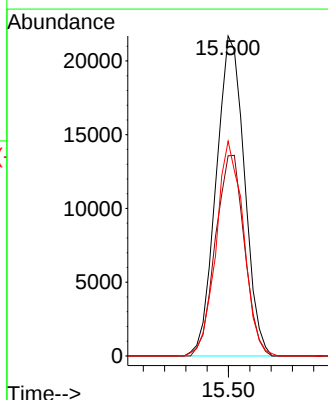
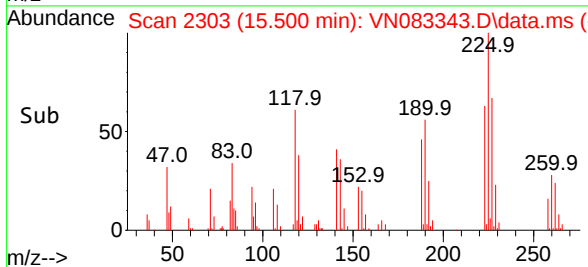
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#94
Hexachlorobutadiene
Concen: 44.119 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03



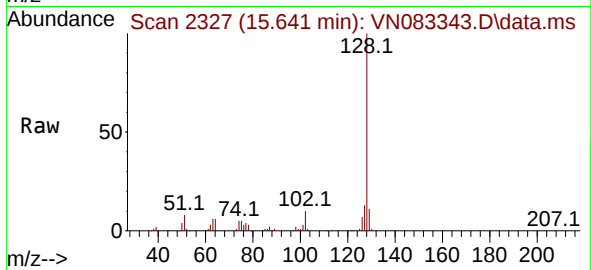
Tgt Ion:225 Resp: 39990
Ion Ratio Lower Upper
225 100
223 64.2 31.9 95.7
227 64.9 32.5 97.5





#95
Naphthalene
Concen: 49.839 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

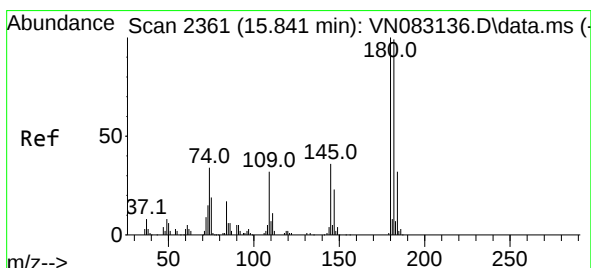
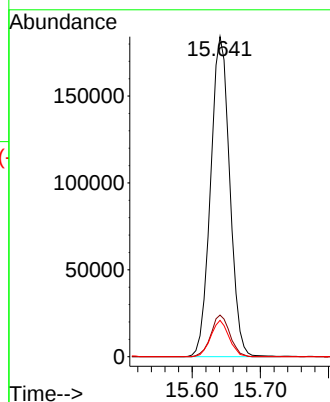
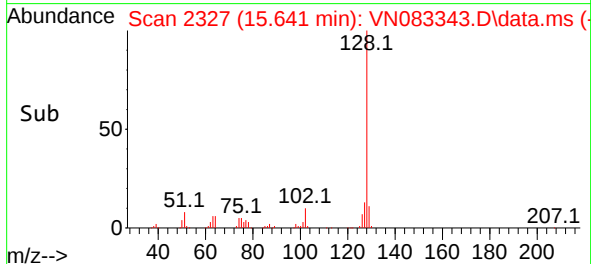
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 35980
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.272 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion:180 Resp: 99366
Ion Ratio Lower Upper
180 100
182 95.5 48.9 146.8
145 35.6 16.8 50.4

