

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083956.D
 Acq On : 17 Sep 2024 19:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 18 01:54:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	124982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	223386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	199716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110870	58.831	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.660%			
35) Dibromofluoromethane	8.165	113	77654	54.300	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.600%			
50) Toluene-d8	10.565	98	280498	56.736	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.480%#			
62) 4-Bromofluorobenzene	12.847	95	108765	53.323	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67147	46.261	ug/l	94
3) Chloromethane	2.359	50	73796	49.780	ug/l	99
4) Vinyl Chloride	2.512	62	75359	47.367	ug/l	97
5) Bromomethane	2.942	94	47138	51.604	ug/l	97
6) Chloroethane	3.112	64	50613	45.352	ug/l #	89
7) Trichlorofluoromethane	3.495	101	130986	48.504	ug/l	100
8) Diethyl Ether	3.965	74	45160	49.887	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	70017	48.915	ug/l	98
10) Methyl Iodide	4.589	142	88618	48.679	ug/l	95
11) Tert butyl alcohol	5.530	59	85260	337.852	ug/l	98
12) 1,1-Dichloroethene	4.336	96	67251	49.749	ug/l	98
13) Acrolein	4.177	56	62685	251.753	ug/l	99
14) Allyl chloride	5.018	41	112155	46.562	ug/l	93
15) Acrylonitrile	5.718	53	194812	283.861	ug/l	99
16) Acetone	4.430	43	176405	233.503	ug/l	99
17) Carbon Disulfide	4.712	76	168675	44.606	ug/l	99
18) Methyl Acetate	5.018	43	96069	61.458	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	257840	52.710	ug/l	100
20) Methylene Chloride	5.277	84	78863	51.012	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	70568	48.710	ug/l	92
22) Diisopropyl ether	6.671	45	269603	54.372	ug/l	99
23) Vinyl Acetate	6.600	43	1025740	282.482	ug/l	98
24) 1,1-Dichloroethane	6.571	63	146434	51.260	ug/l	99
25) 2-Butanone	7.482	43	273797	275.742	ug/l	100
26) 2,2-Dichloropropane	7.488	77	122185	46.444	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	90248	52.477	ug/l	100
28) Bromochloromethane	7.812	49	71192	59.178	ug/l	94
29) Tetrahydrofuran	7.835	42	175011	298.083	ug/l	96
30) Chloroform	7.965	83	157064	51.789	ug/l	98
31) Cyclohexane	8.259	56	118868	43.642	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	143724	51.539	ug/l	96
36) 1,1-Dichloropropene	8.371	75	105469	48.999	ug/l	99
37) Ethyl Acetate	7.559	43	108399	55.481	ug/l	100
38) Carbon Tetrachloride	8.359	117	123190	50.447	ug/l	99
39) Methylcyclohexane	9.600	83	111097	45.345	ug/l	99
40) Benzene	8.606	78	320770	49.511	ug/l	100

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Manual Integrations
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 Supervised By : Mahesh Dadoda 09/18/2024

Quant Time: Sep 18 01:54:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	63317	54.792	ug/l	99
42) 1,2-Dichloroethane	8.671	62	125755	51.946	ug/l	100
43) Isopropyl Acetate	8.688	43	209016	59.034	ug/l	99
44) Trichloroethene	9.353	130	72745	48.487	ug/l	91
45) 1,2-Dichloropropane	9.618	63	81829	52.258	ug/l	99
46) Dibromomethane	9.706	93	59040	53.830	ug/l	98
47) Bromodichloromethane	9.888	83	128081	53.959	ug/l	97
48) Methyl methacrylate	9.682	41	95362	56.770	ug/l	96
49) 1,4-Dioxane	9.694	88	32684	1182.761	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	579926	300.898	ug/l	97
52) Toluene	10.629	92	203602	51.378	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	126906	52.746	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	132569	52.454	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	77795	52.584	ug/l	97
56) Ethyl methacrylate	10.871	69	131858	57.929	ug/l	97
57) 1,3-Dichloropropane	11.165	76	136392	53.641	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	273177	333.076	ug/l	97
59) 2-Hexanone	11.194	43	424938	298.059	ug/l	97
60) Dibromochloromethane	11.359	129	93822	56.666	ug/l	100
61) 1,2-Dibromoethane	11.465	107	79357	53.784	ug/l	98
64) Tetrachloroethene	11.100	164	64008	48.193	ug/l	95
65) Chlorobenzene	11.888	112	216980	48.883	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	78376	50.933	ug/l	99
67) Ethyl Benzene	11.965	91	399288	50.638	ug/l	99
68) m/p-Xylenes	12.070	106	295234	100.849	ug/l	99
69) o-Xylene	12.400	106	144653	51.042	ug/l	99
70) Styrene	12.412	104	250352	53.827	ug/l	99
71) Bromoform	12.576	173	59898	57.764	ug/l #	99
73) Isopropylbenzene	12.694	105	377533	49.051	ug/l	100
74) N-amyl acetate	12.494	43	180019	54.819	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	115647	51.138	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	96805m	48.224	ug/l	
77) Bromobenzene	12.976	156	86561	46.721	ug/l	98
78) n-propylbenzene	13.035	91	447993	50.025	ug/l	98
79) 2-Chlorotoluene	13.123	91	277433	48.577	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	319911	49.300	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	39154	51.084	ug/l	95
82) 4-Chlorotoluene	13.223	91	279952	48.846	ug/l	99
83) tert-Butylbenzene	13.435	119	277668	48.908	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	323422	49.617	ug/l	99
85) sec-Butylbenzene	13.617	105	378644	50.289	ug/l	99
86) p-Isopropyltoluene	13.729	119	314842	49.883	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	166200	47.533	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	164485	46.459	ug/l	100
89) n-Butylbenzene	14.053	91	274759	48.486	ug/l	98
90) Hexachloroethane	14.329	117	60035	47.318	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	162035	48.018	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25065	55.600	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	80371	44.384	ug/l	98
94) Hexachlorobutadiene	15.500	225	34464	44.816	ug/l	99
95) Naphthalene	15.641	128	269153	48.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	78714	45.484	ug/l	99

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ALS Vial : 28 Sample Multiplier: 1

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MSVOA_N
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VSTDCCC050EC

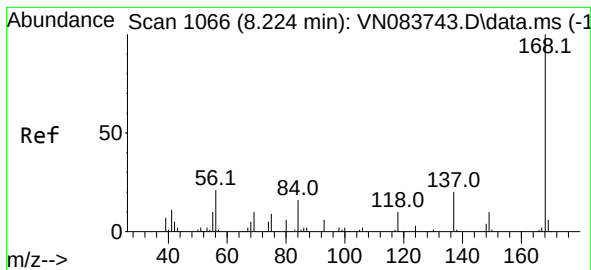
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

Quant Time: Sep 18 01:54:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

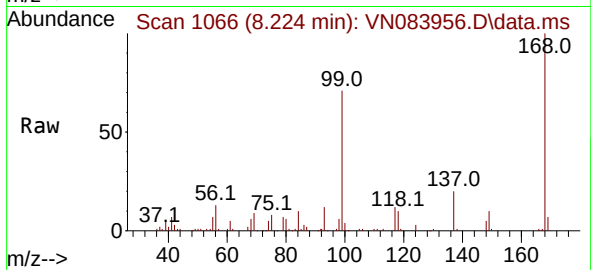
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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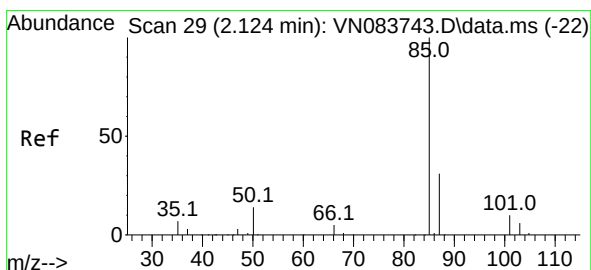
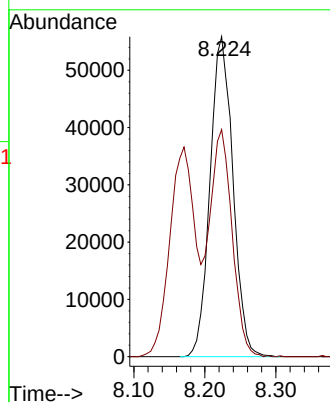
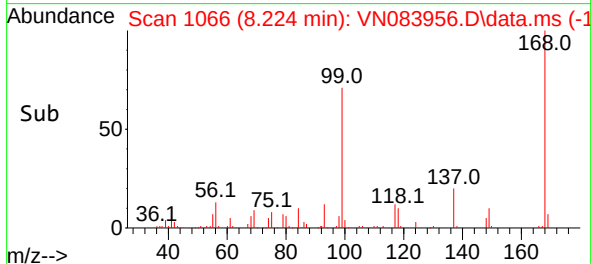
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 12498
Ion Ratio Lower Upper
168 100
99 70.6 54.2 81.2

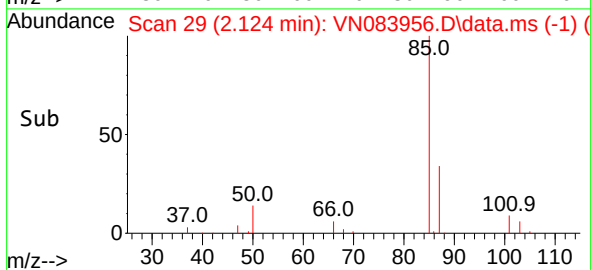
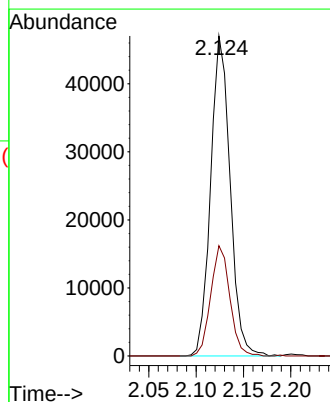
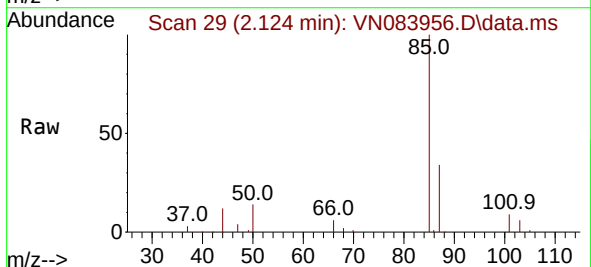
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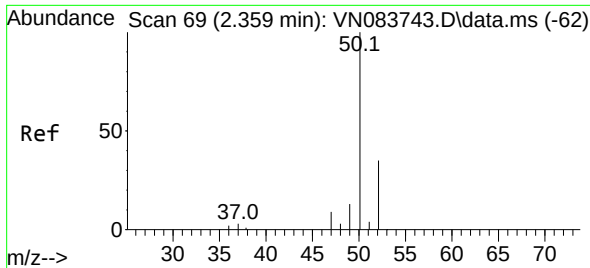
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#2
Dichlorodifluoromethane
Concen: 46.261 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Tgt Ion: 85 Resp: 67147
Ion Ratio Lower Upper
85 100
87 34.5 15.7 47.0





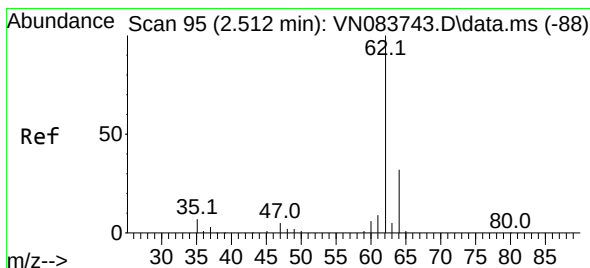
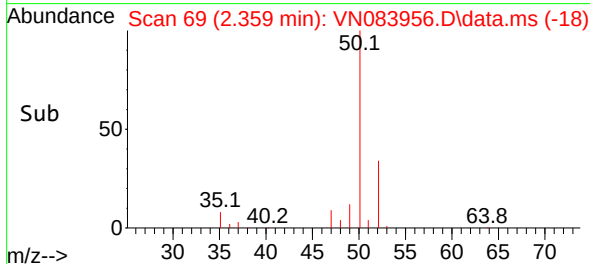
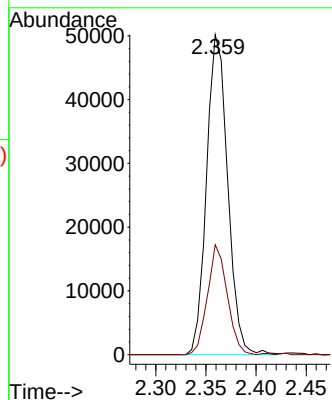
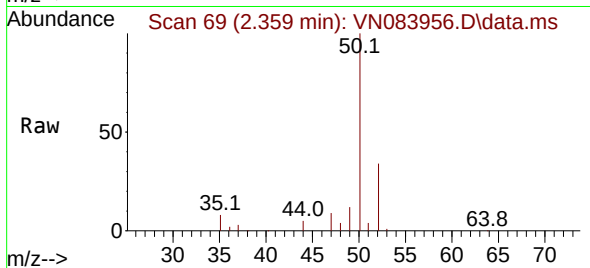
#3
Chloromethane
Concen: 49.780 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Instrument :
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Tgt Ion: 50 Resp: 73790
Ion Ratio Lower Upper
50 100
52 34.4 27.2 40.8

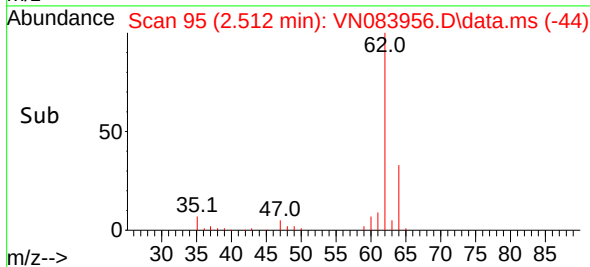
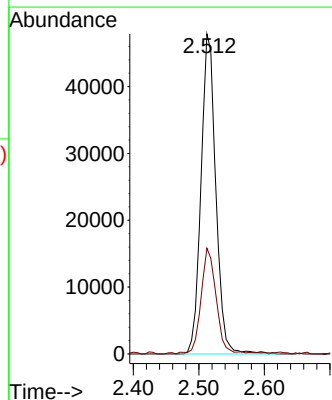
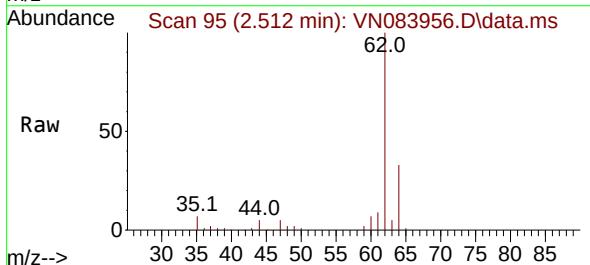
Manual Integrations
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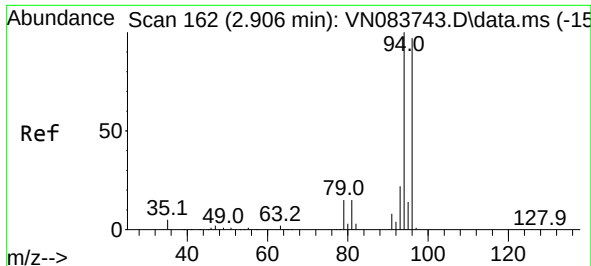
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#4
Vinyl Chloride
Concen: 47.367 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Tgt Ion: 62 Resp: 75359
Ion Ratio Lower Upper
62 100
64 32.5 24.7 37.1





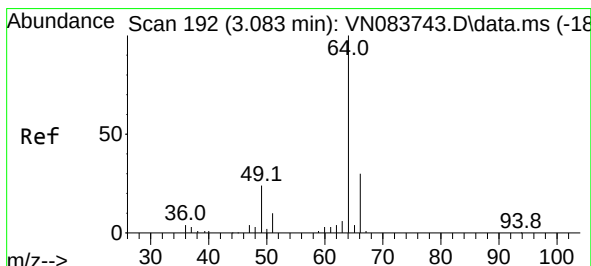
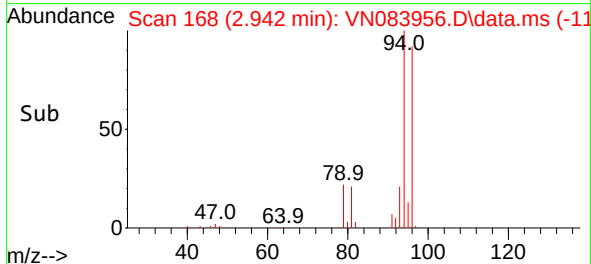
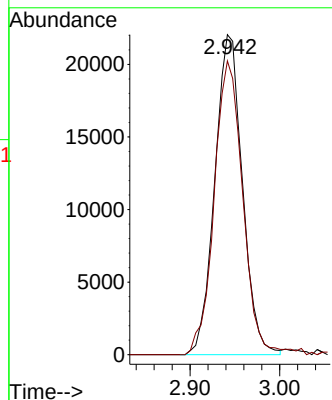
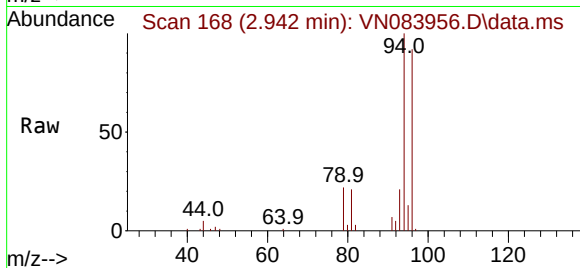
#5
Bromomethane
Concen: 51.604 ug/l
RT: 2.942 min Scan# 1
Delta R.T. 0.035 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 47138
Ion Ratio Lower Upper
94 100
96 91.8 76.0 114.0

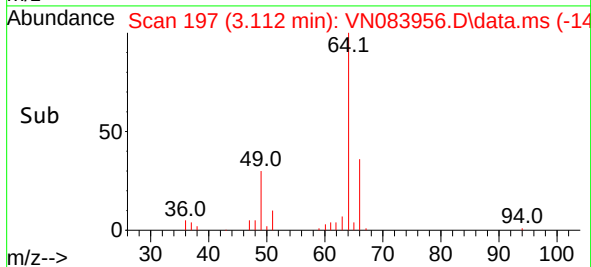
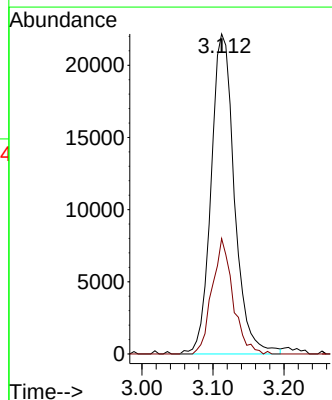
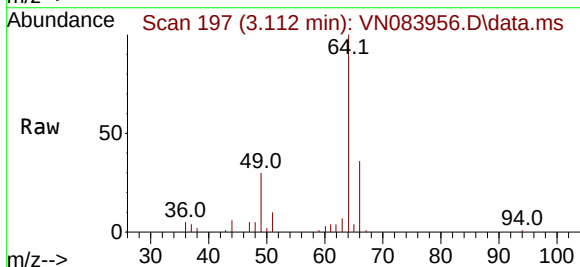
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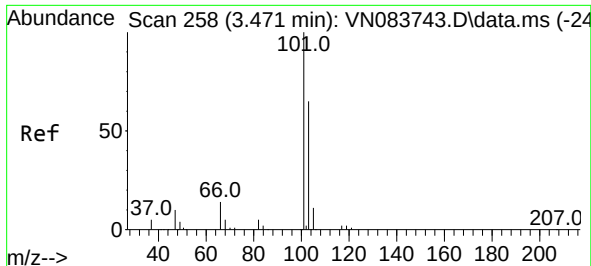
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#6
Chloroethane
Concen: 45.352 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.029 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

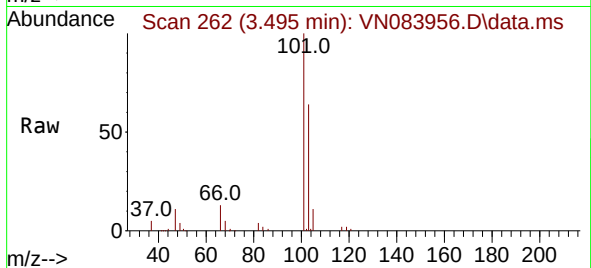
Tgt Ion: 64 Resp: 50613
Ion Ratio Lower Upper
64 100
66 36.0 23.9 35.9#





#7
Trichlorofluoromethane
Concen: 48.504 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.023 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

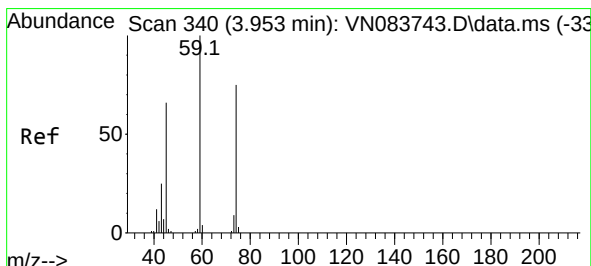
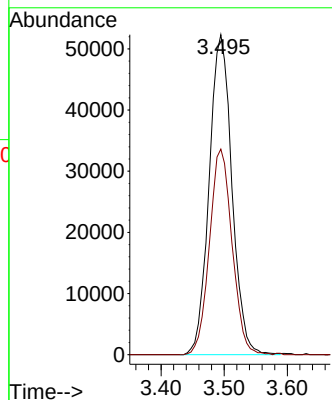
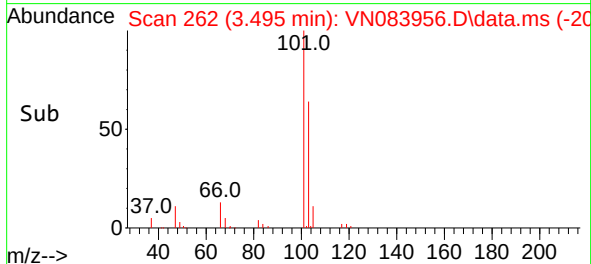
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 130980
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

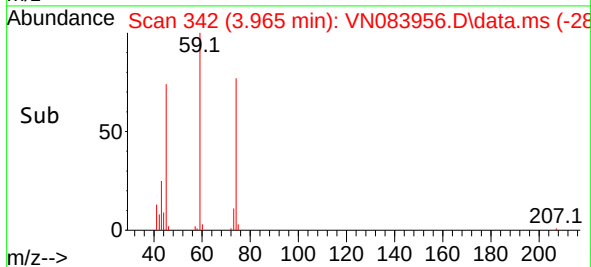
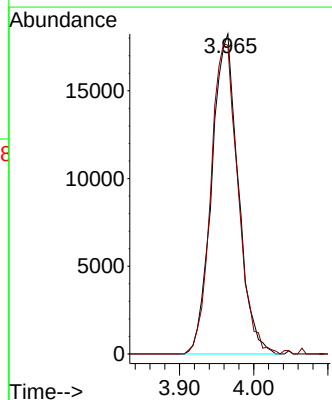
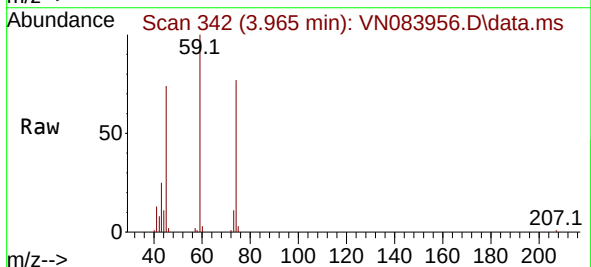
Manual Integrations
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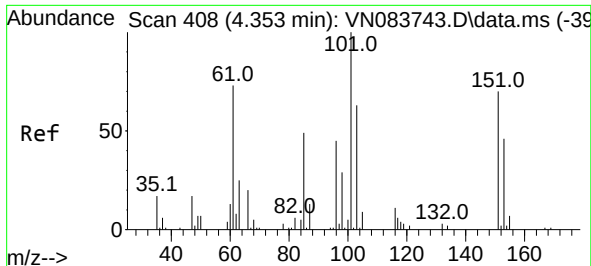
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#8
Diethyl Ether
Concen: 49.887 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Tgt Ion: 74 Resp: 45160
Ion Ratio Lower Upper
74 100
45 99.4 46.7 140.1





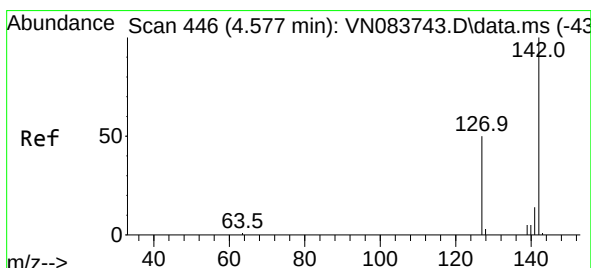
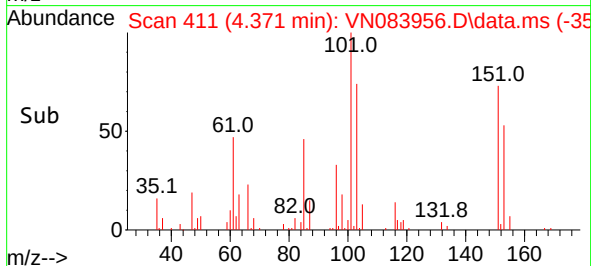
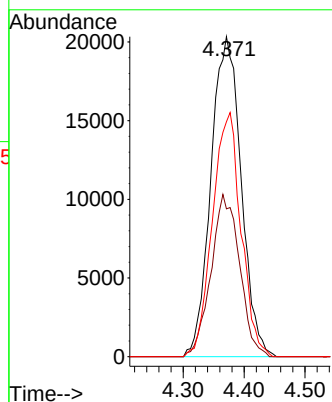
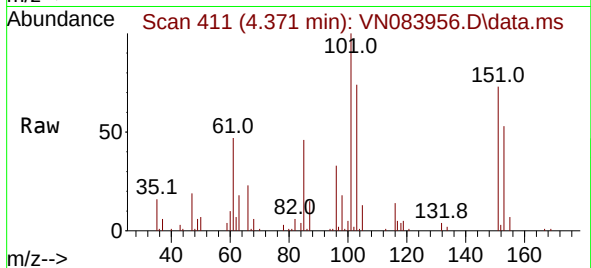
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.915 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN083956.D
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7001
Ion Ratio Lower Upper
101 100
85 48.0 36.2 54.4
151 72.2 57.7 86.5

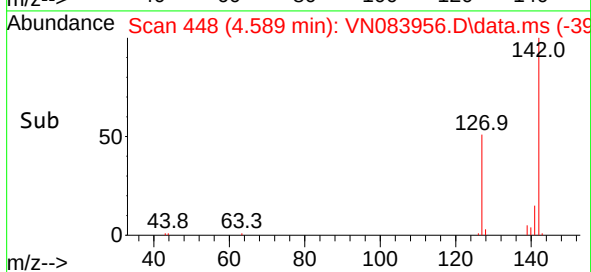
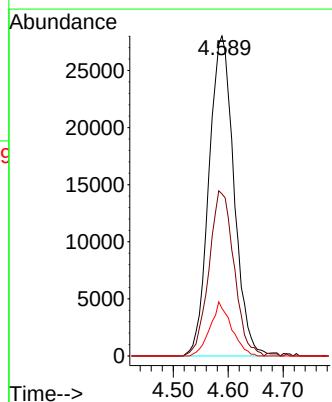
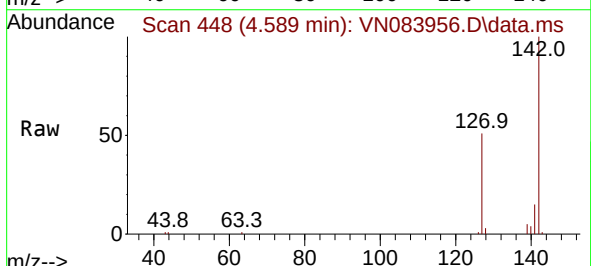
Manual Integrations
APPROVED

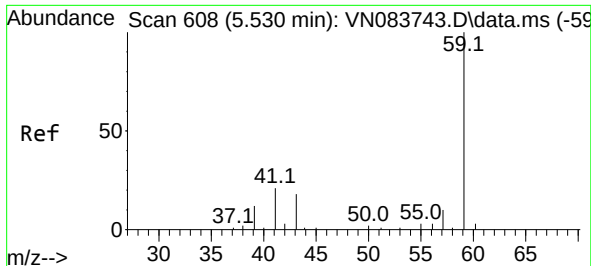
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#10
Methyl Iodide
Concen: 48.679 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

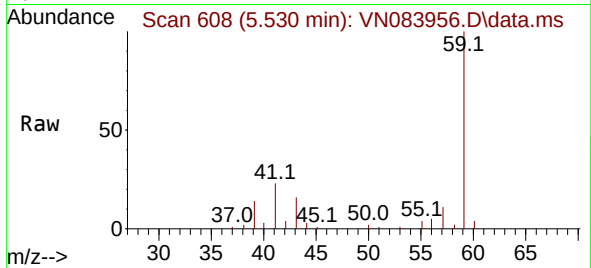
Tgt Ion:142 Resp: 88618
Ion Ratio Lower Upper
142 100
127 50.6 37.5 56.3
141 14.8 11.0 16.4





#11
Tert butyl alcohol
Concen: 337.852 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

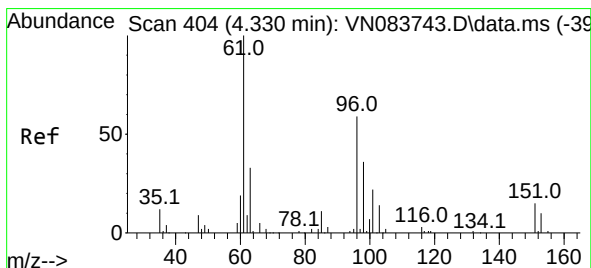
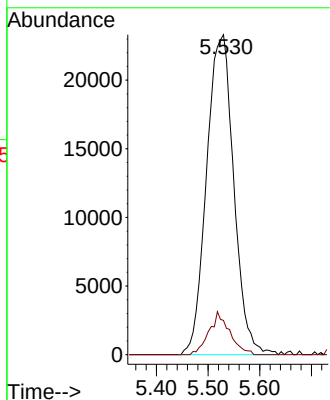
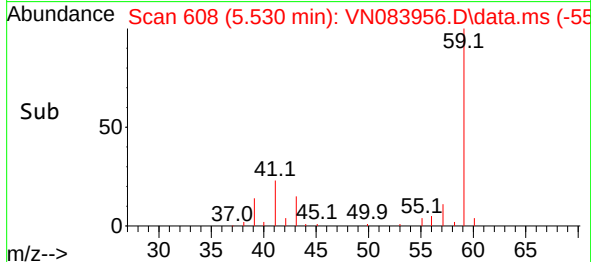
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



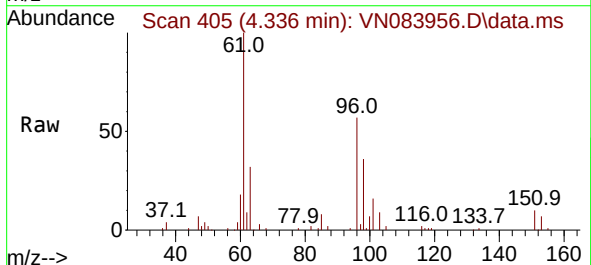
Tgt Ion: 59 Resp: 85260
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

Manual Integrations
APPROVED

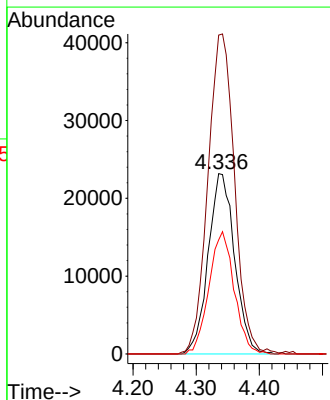
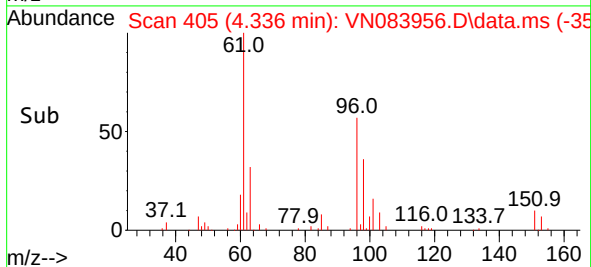
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

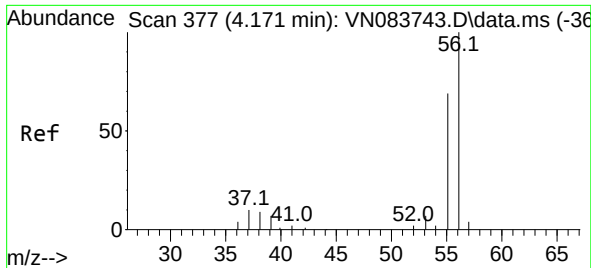


#12
1,1-Dichloroethene
Concen: 49.749 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30



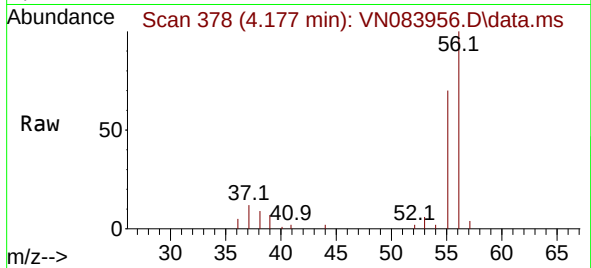
Tgt Ion: 96 Resp: 67251
Ion Ratio Lower Upper
96 100
61 176.8 143.4 215.0
98 63.3 52.7 79.1





#13
Acrolein
Concen: 251.753 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

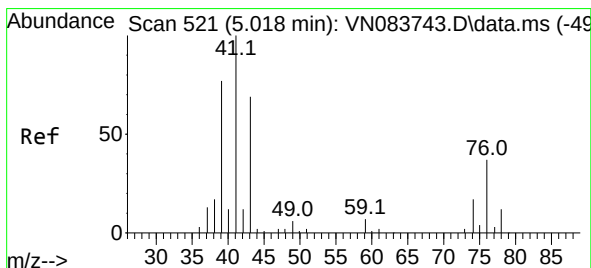
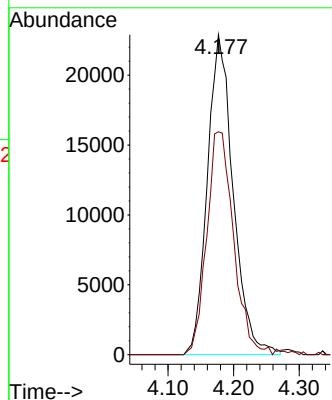
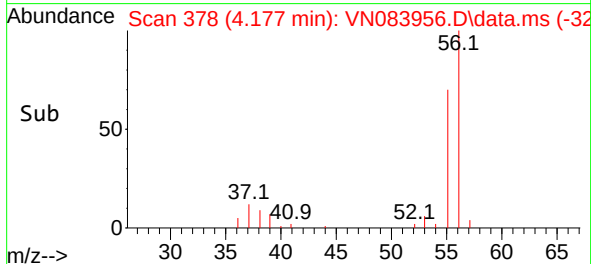
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 6268
Ion Ratio Lower Upper
56 100
55 72.1 58.2 87.2

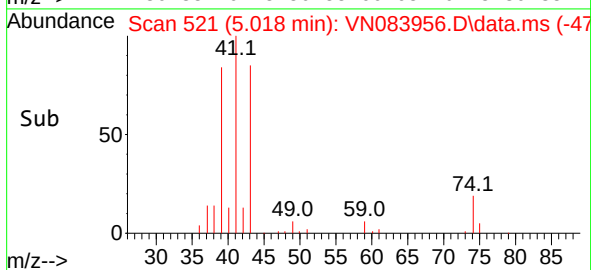
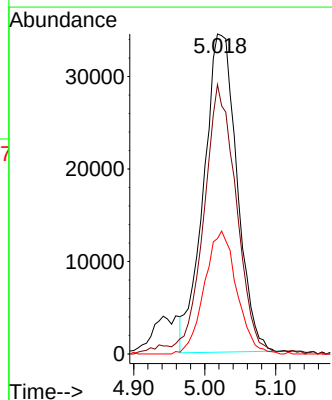
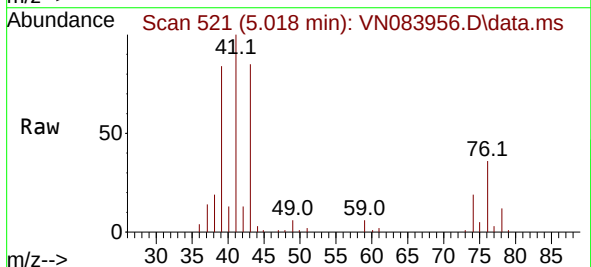
Manual Integrations
APPROVED

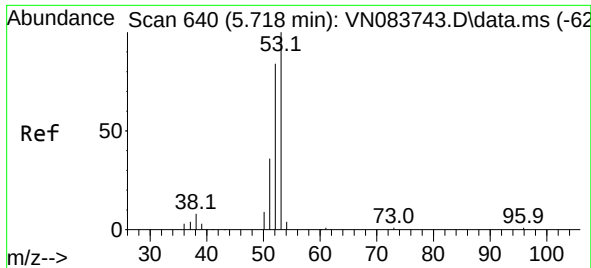
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#14
Allyl chloride
Concen: 46.562 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

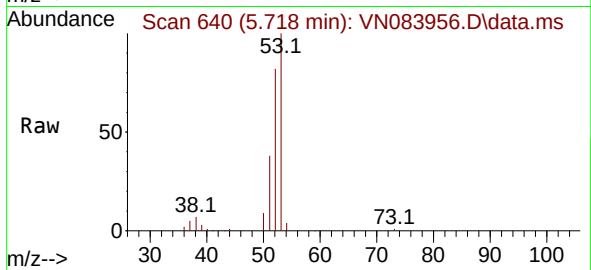
Tgt Ion: 41 Resp: 112155
Ion Ratio Lower Upper
41 100
39 81.0 59.3 88.9
76 37.3 27.7 41.5





#15
Acrylonitrile
Concen: 283.861 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

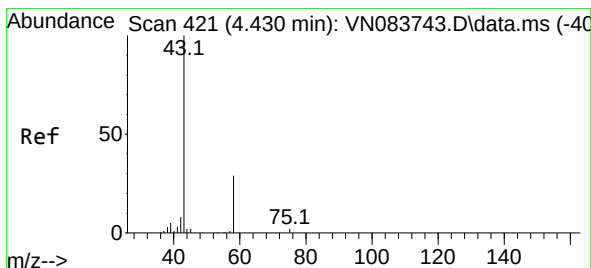
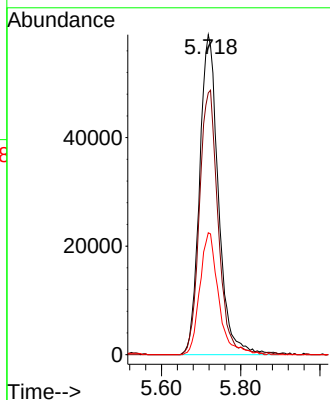
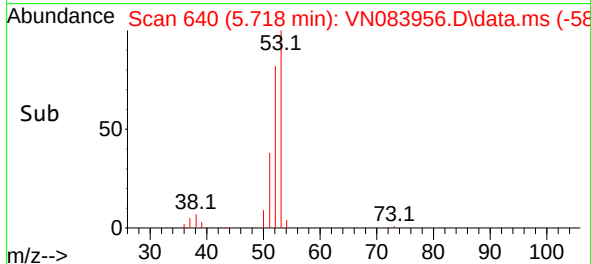
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 194812
Ion Ratio Lower Upper
53 100
52 81.9 66.1 99.1
51 38.0 29.6 44.4

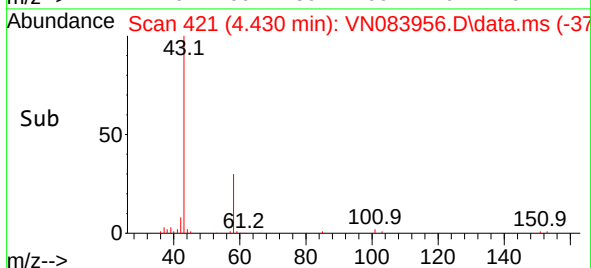
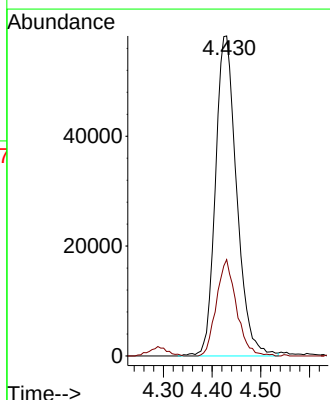
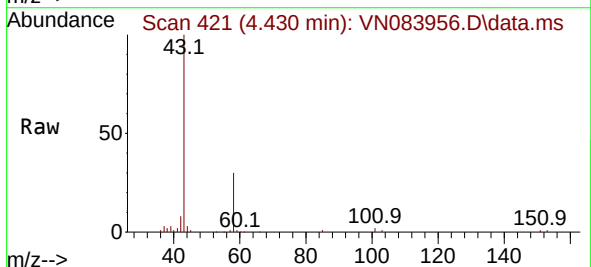
Manual Integrations
APPROVED

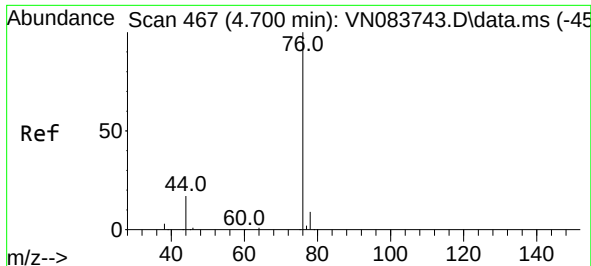
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#16
Acetone
Concen: 233.503 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

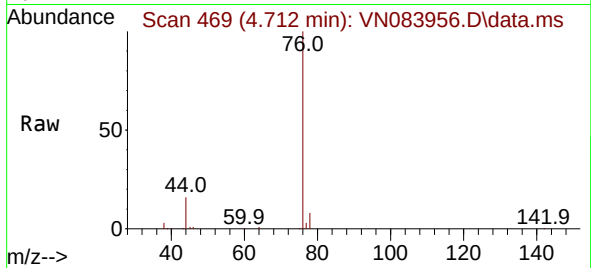
Tgt Ion: 43 Resp: 176405
Ion Ratio Lower Upper
43 100
58 30.1 23.7 35.5





#17
Carbon Disulfide
Concen: 44.606 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

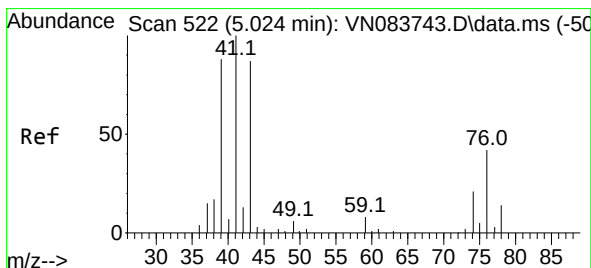
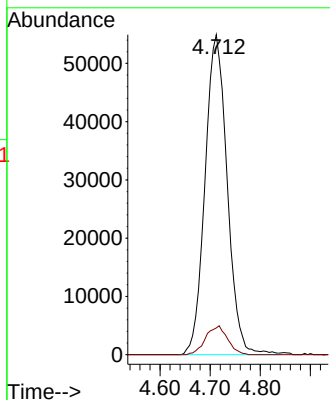
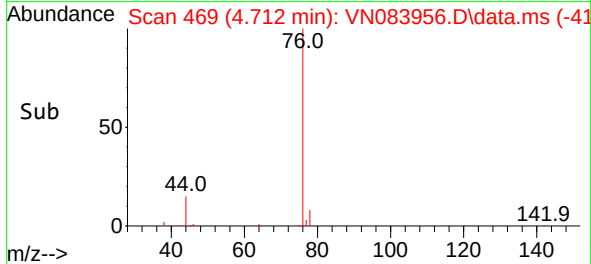
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 16867
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7

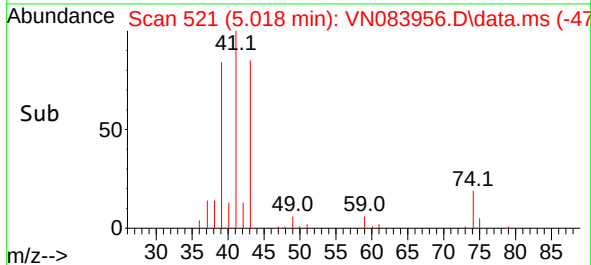
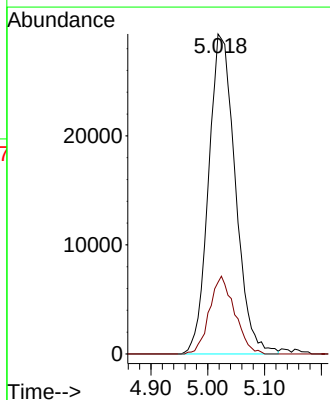
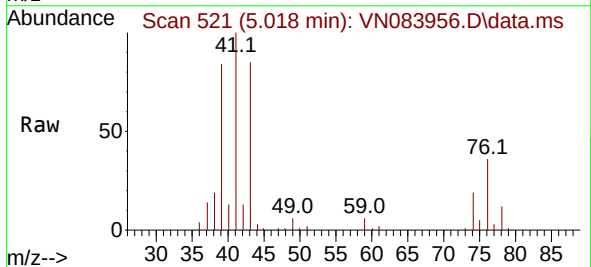
Manual Integrations
APPROVED

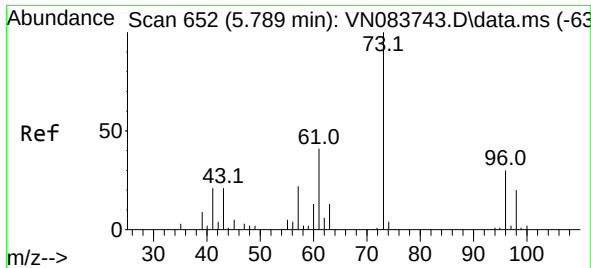
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#18
Methyl Acetate
Concen: 61.458 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Tgt Ion: 43 Resp: 96069
Ion Ratio Lower Upper
43 100
74 22.9 19.0 28.4





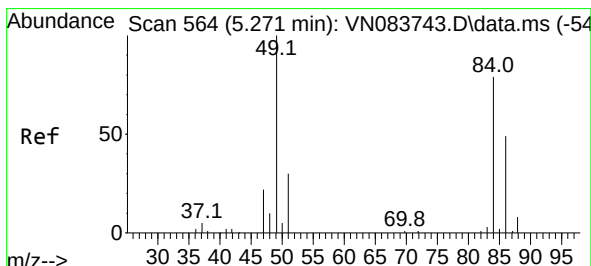
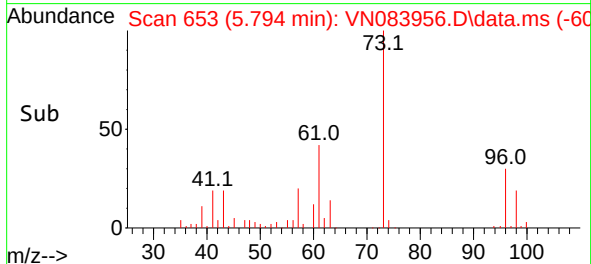
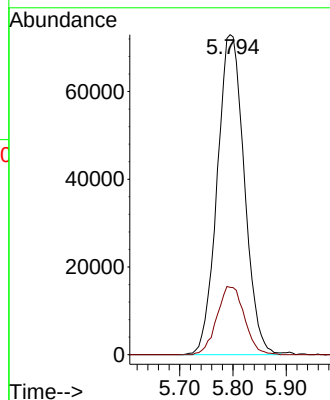
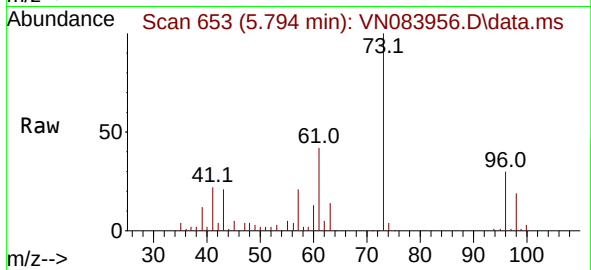
#19
Methyl tert-butyl Ether
Concen: 52.710 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 257840
Ion Ratio Lower Upper
73 100
57 21.1 17.0 25.6

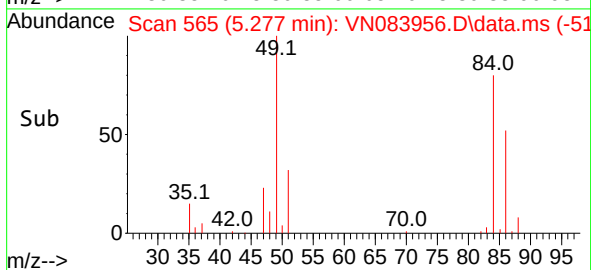
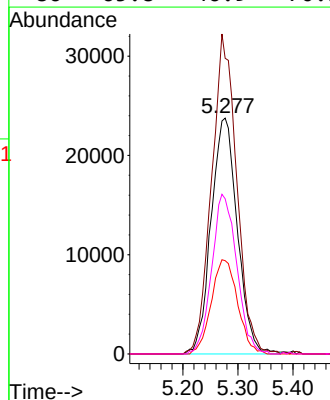
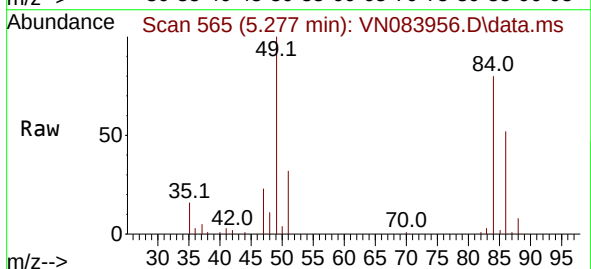
Manual Integrations
APPROVED

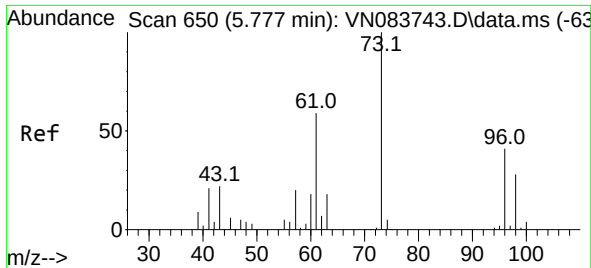
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#20
Methylene Chloride
Concen: 51.012 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Tgt Ion: 84 Resp: 78863
Ion Ratio Lower Upper
84 100
49 125.4 93.4 140.0
51 39.5 29.2 43.8
86 65.8 46.9 70.3





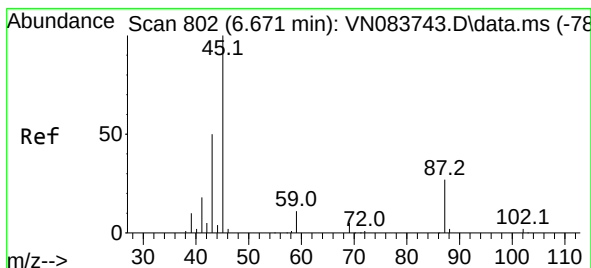
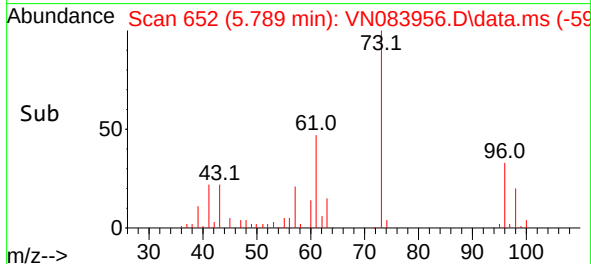
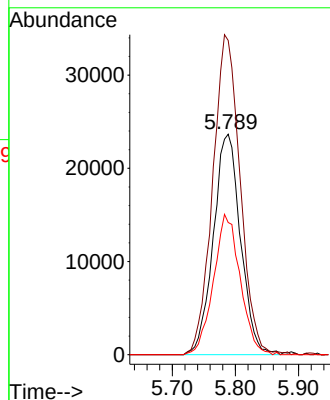
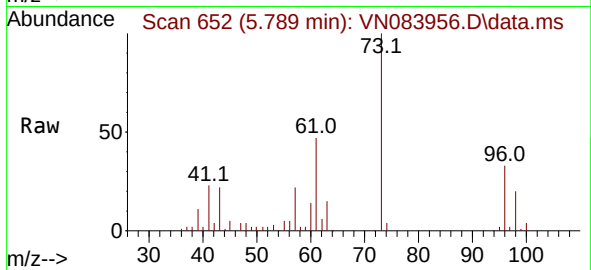
#21
trans-1,2-Dichloroethene
Concen: 48.710 ug/l
RT: 5.789 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 7056
Ion Ratio Lower Upper
96 100
61 142.5 106.0 159.0
98 60.0 52.2 78.2

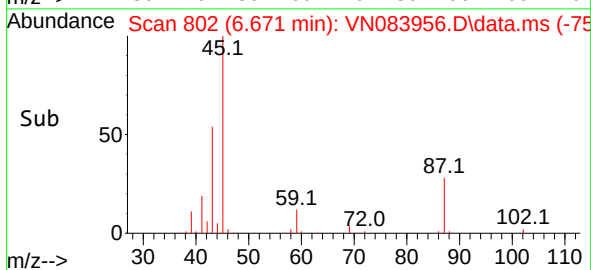
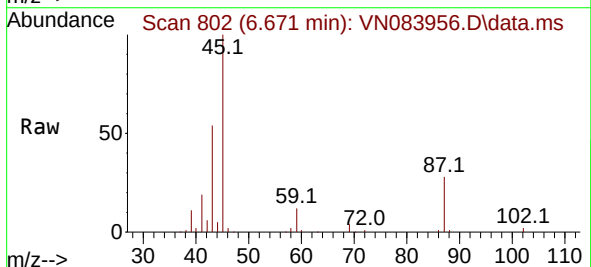
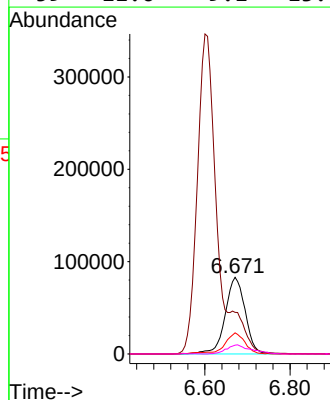
Manual Integrations
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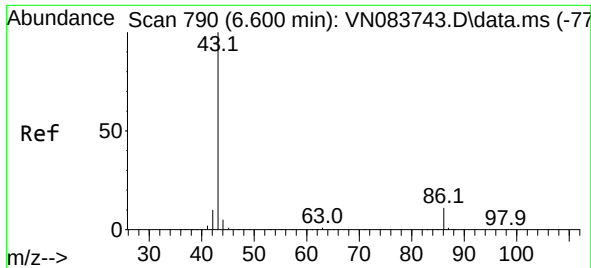
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#22
Diisopropyl ether
Concen: 54.372 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

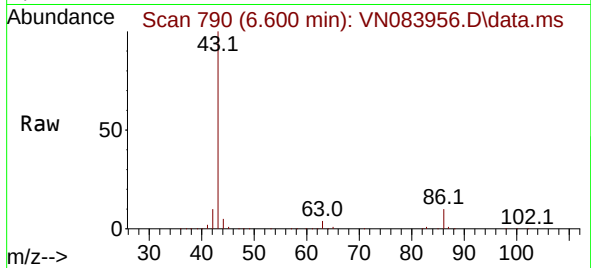
Tgt Ion: 45 Resp: 269603
Ion Ratio Lower Upper
45 100
43 53.4 43.4 65.0
87 27.6 22.6 33.8
59 11.6 9.1 13.7





#23
 Vinyl Acetate
 Concen: 282.482 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083956.D
 Acq: 17 Sep 2024 19:30

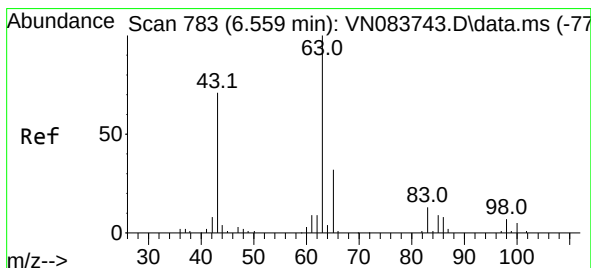
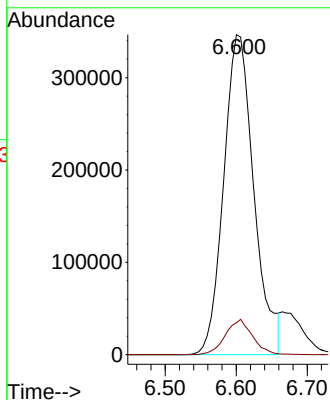
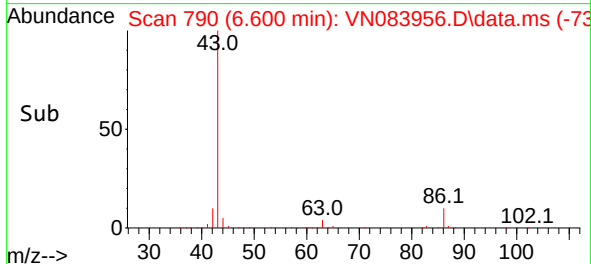
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



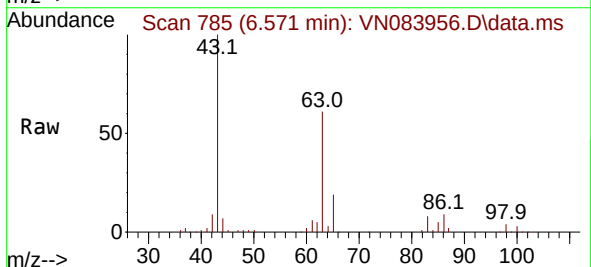
Tgt Ion: 43 Resp: 1025740
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.7 13.1

Manual Integrations
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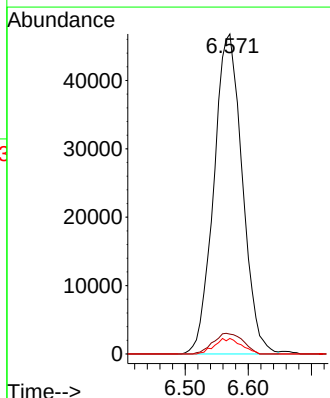
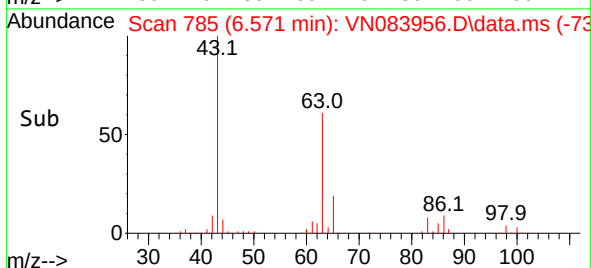
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024

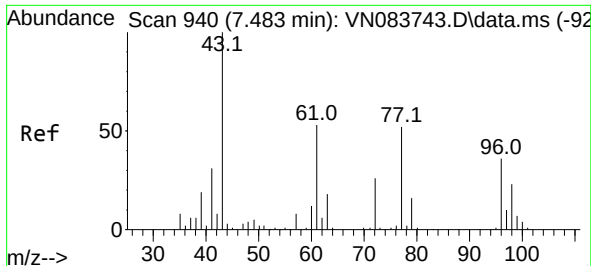


#24
 1,1-Dichloroethane
 Concen: 51.260 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.012 min
 Lab File: VN083956.D
 Acq: 17 Sep 2024 19:30



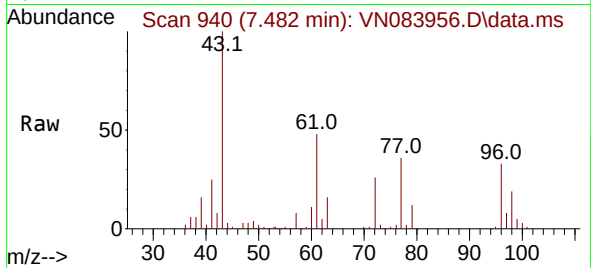
Tgt Ion: 63 Resp: 146434
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 4.8 2.5 7.5





#25
2-Butanone
Concen: 275.742 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

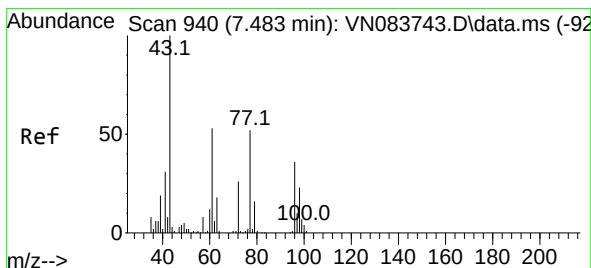
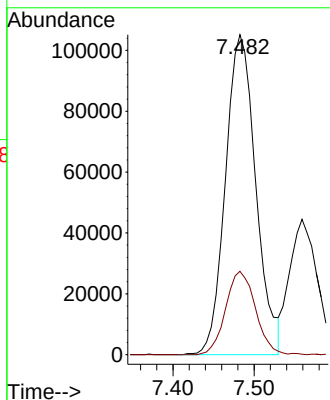
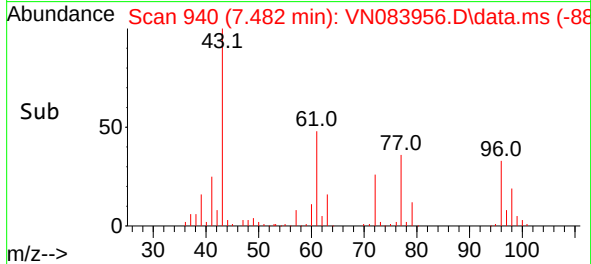
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



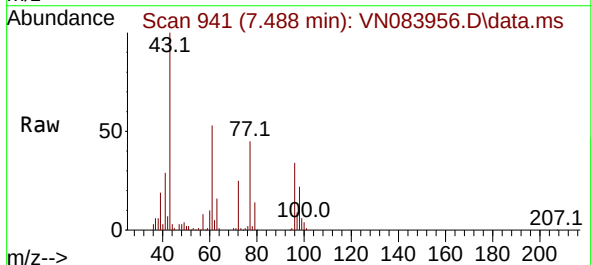
Tgt Ion: 43 Resp: 27379
Ion Ratio Lower Upper
43 100
72 26.1 20.8 31.2

Manual Integrations
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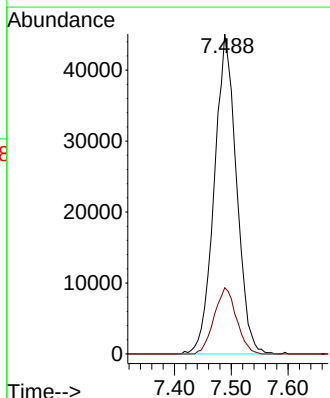
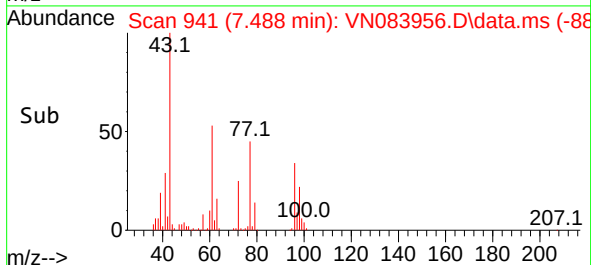
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

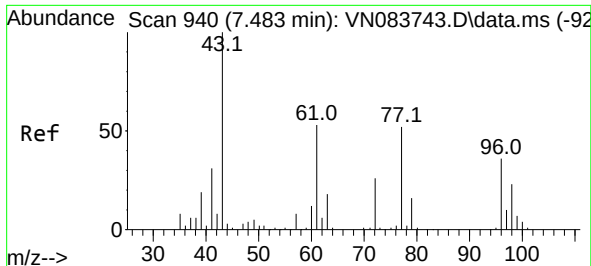


#26
2,2-Dichloropropane
Concen: 46.444 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30



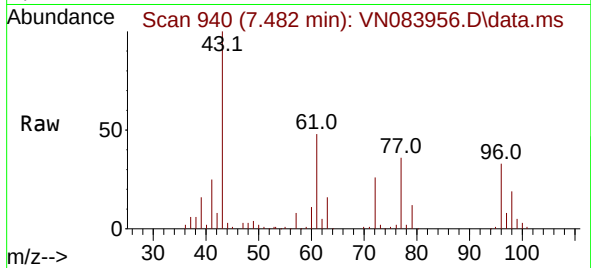
Tgt Ion: 77 Resp: 122185
Ion Ratio Lower Upper
77 100
97 20.8 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 52.477 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083956.D
 Acq: 17 Sep 2024 19:30

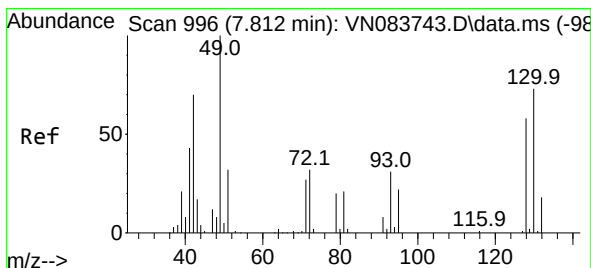
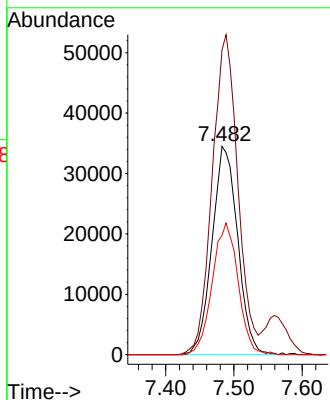
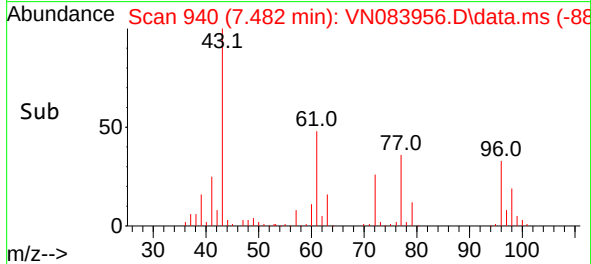
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 90248
 Ion Ratio Lower Upper
 96 100
 61 153.4 0.0 306.2
 98 63.5 0.0 128.6

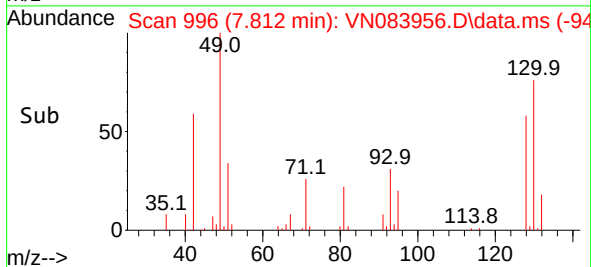
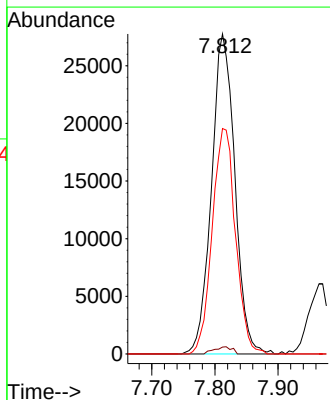
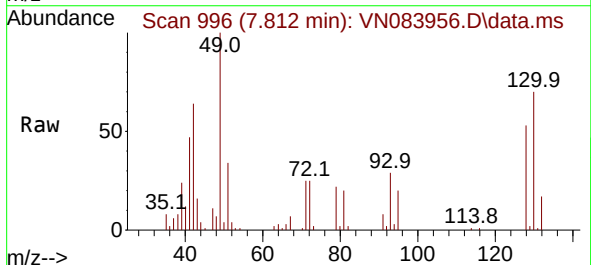
Manual Integrations
 APPROVED

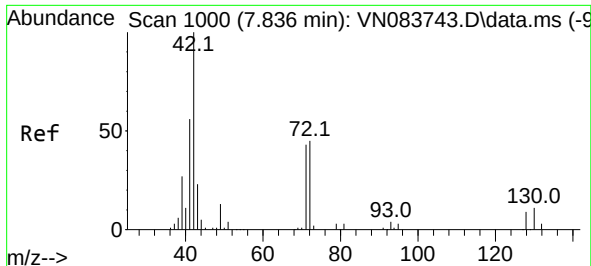
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#28
 Bromochloromethane
 Concen: 59.178 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN083956.D
 Acq: 17 Sep 2024 19:30

Tgt Ion: 49 Resp: 71192
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 70.2 60.2 90.2





#29

Tetrahydrofuran

Concen: 298.083 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

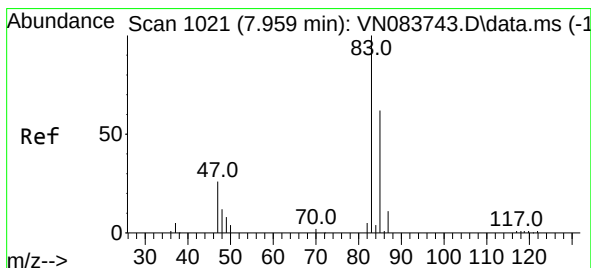
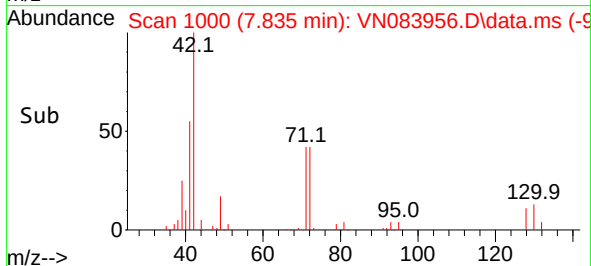
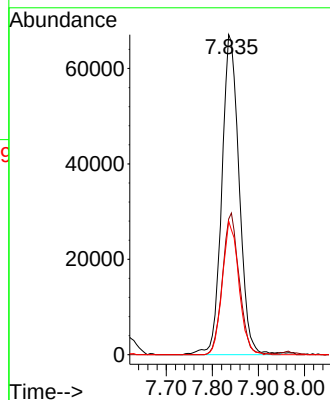
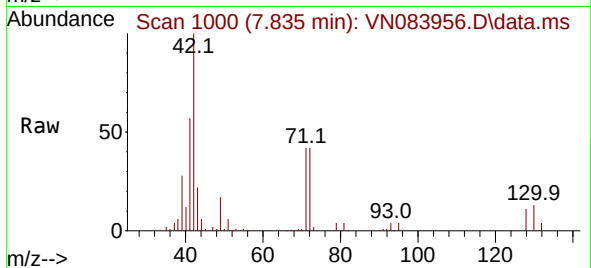
Tgt Ion:	42	Resp:	17501
Ion	Ratio	Lower	Upper
42	100		
72	42.6	35.9	53.9
71	39.8	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#30

Chloroform

Concen: 51.789 ug/l

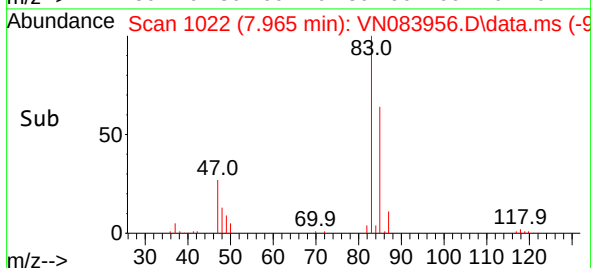
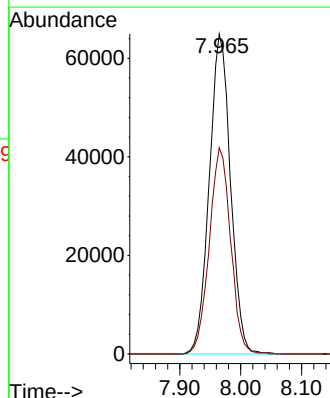
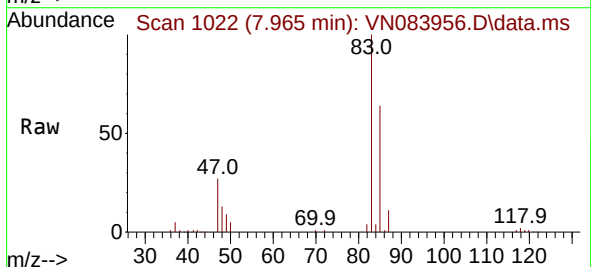
RT: 7.965 min Scan# 1022

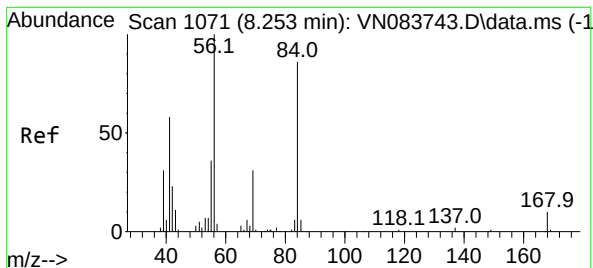
Delta R.T. 0.006 min

Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

Tgt Ion:	83	Resp:	157064
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.8	79.2





#31

Cyclohexane

Concen: 43.642 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 11886

Ion Ratio Lower Upper

56 100

69 29.6 26.9 40.3

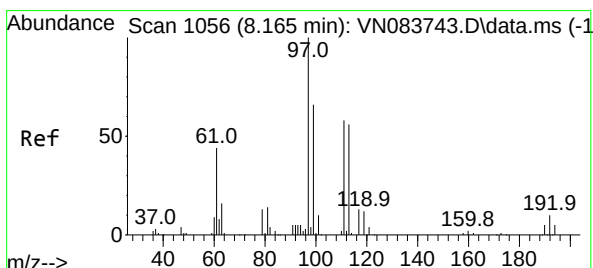
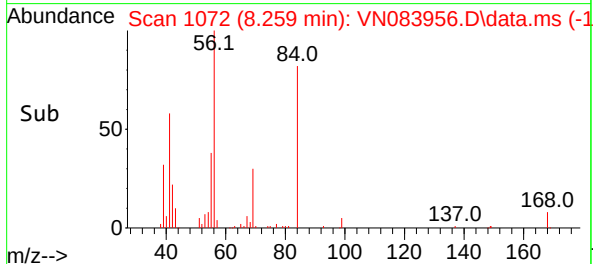
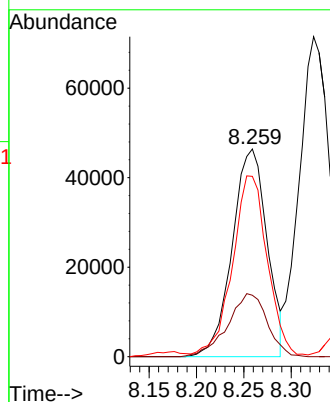
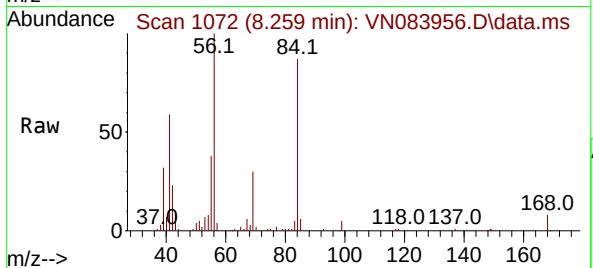
84 85.2 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#32

1,1,1-Trichloroethane

Concen: 51.539 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

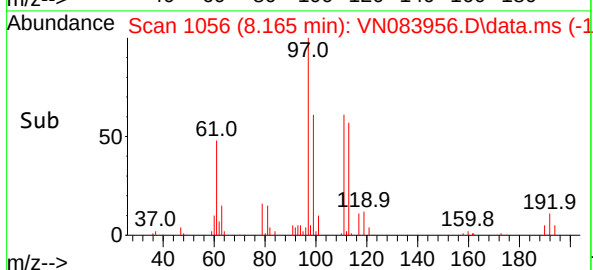
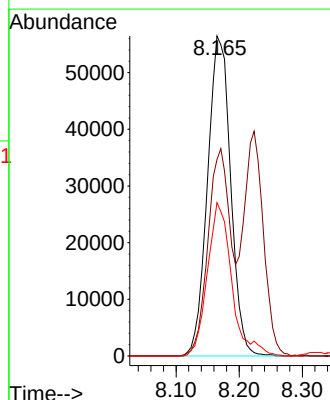
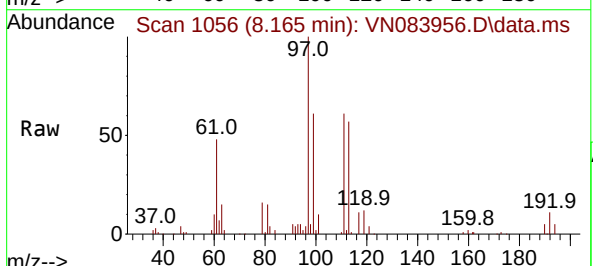
Tgt Ion: 97 Resp: 143724

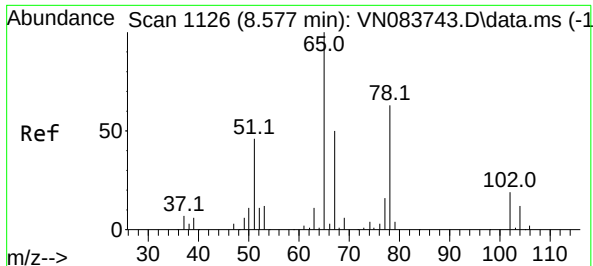
Ion Ratio Lower Upper

97 100

99 62.7 52.3 78.5

61 50.2 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 58.831 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC

Tgt Ion: 65 Resp: 110870

Ion Ratio Lower Upper

65 100

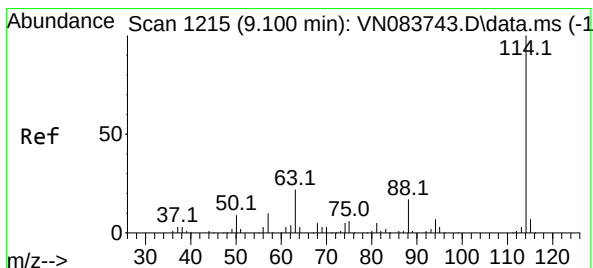
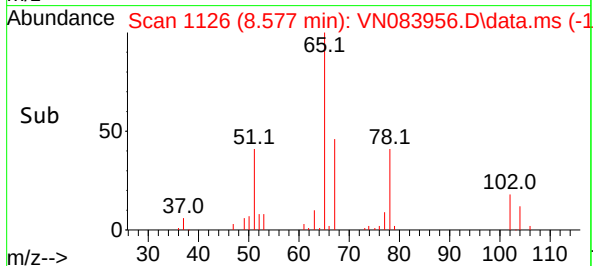
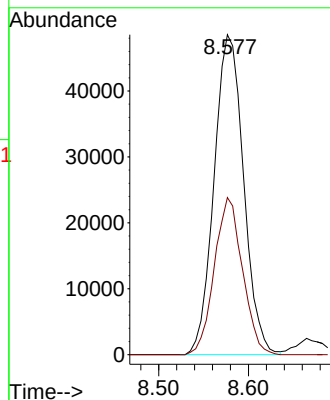
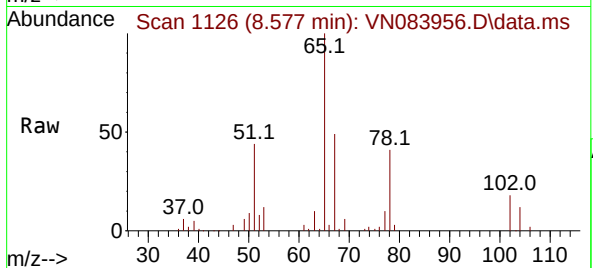
67 46.7 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

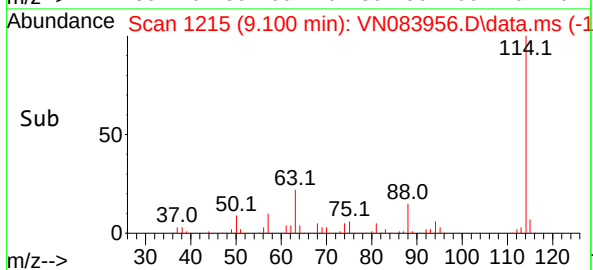
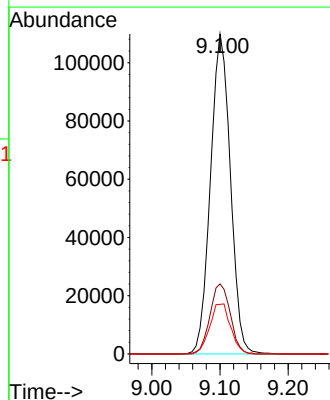
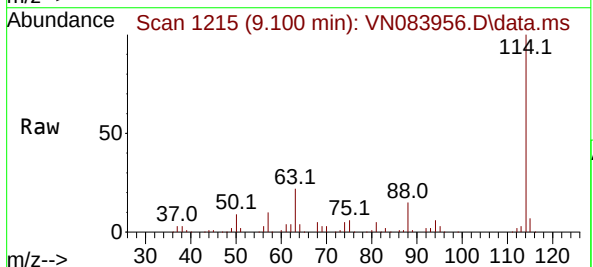
Tgt Ion:114 Resp: 223386

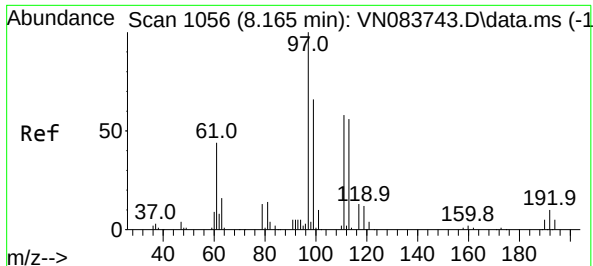
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

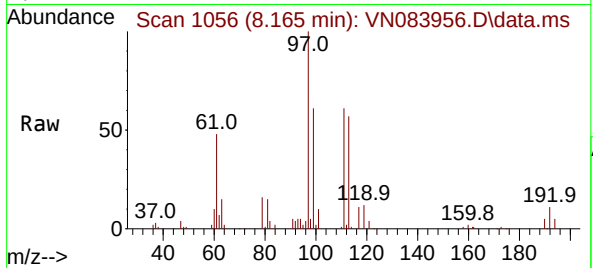
88 15.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 54.300 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

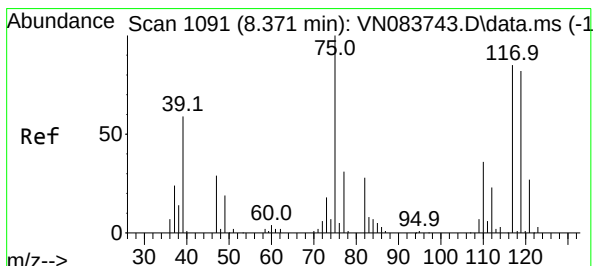
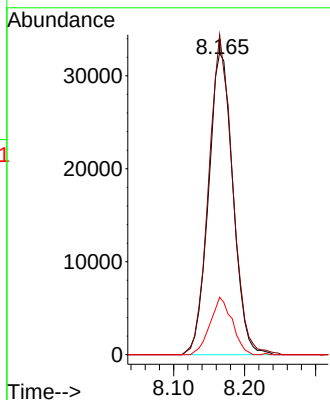
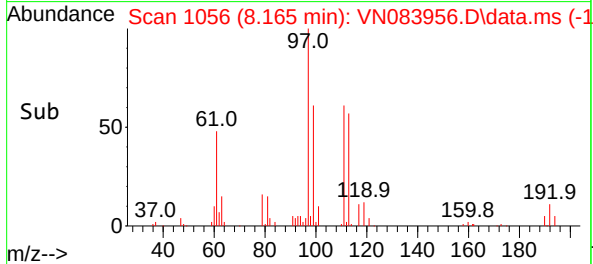
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



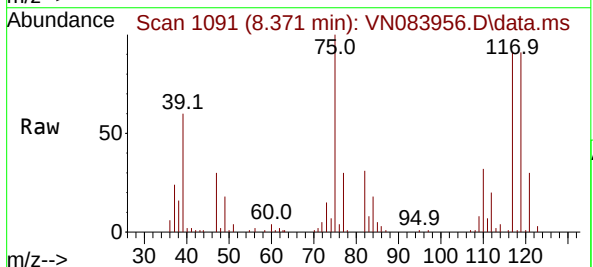
Tgt Ion: 113 Resp: 77654
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 17.2 14.3 21.5

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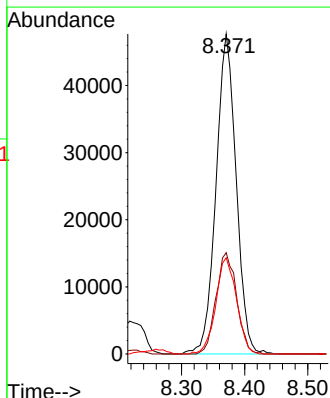
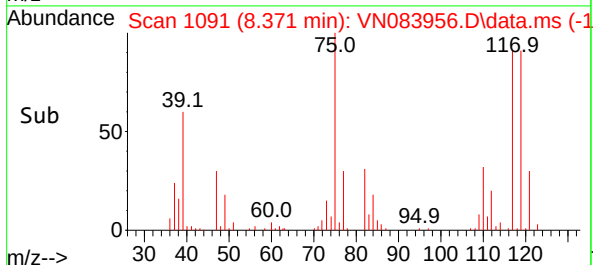
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

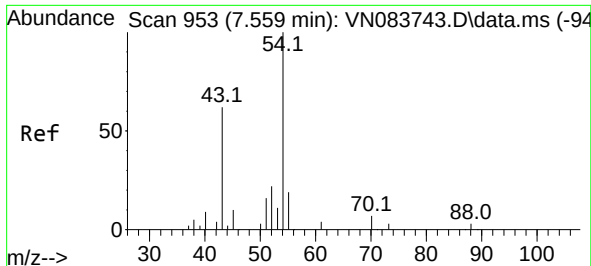


#36
1,1-Dichloropropene
Concen: 48.999 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30



Tgt Ion: 75 Resp: 105469
Ion Ratio Lower Upper
75 100
110 32.3 16.7 50.1
77 31.0 25.2 37.8





#37

Ethyl Acetate

Concen: 55.481 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 108399

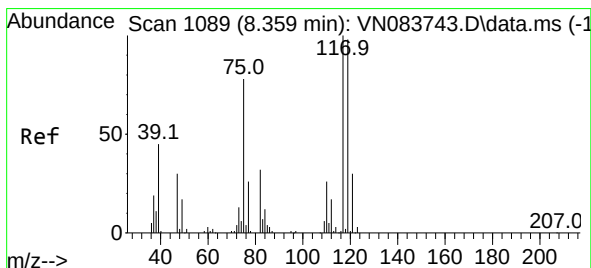
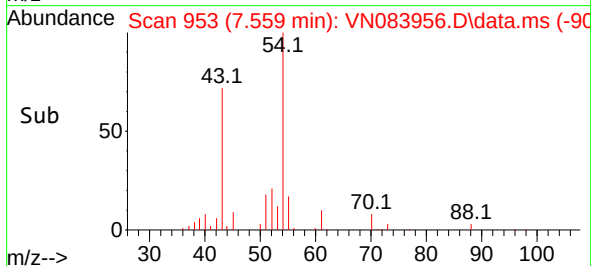
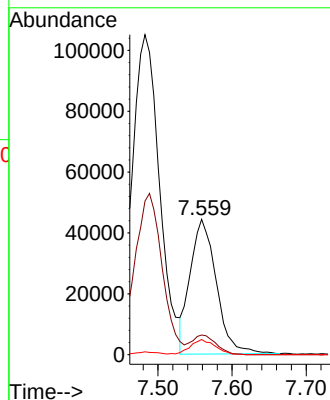
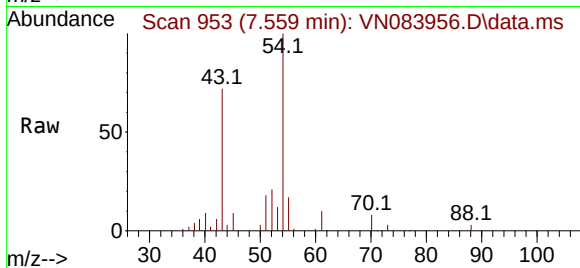
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.1	16.7
70	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#38

Carbon Tetrachloride

Concen: 50.447 ug/l

RT: 8.359 min Scan# 1089

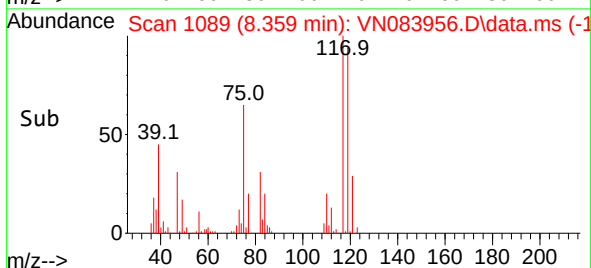
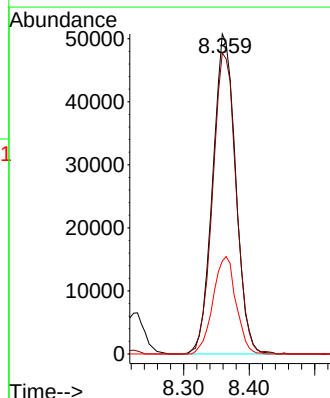
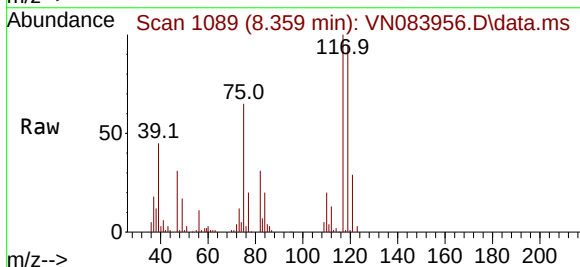
Delta R.T. -0.000 min

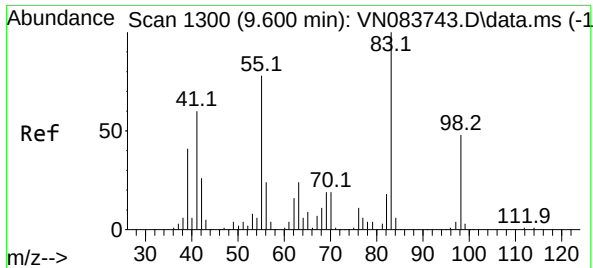
Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

Tgt Ion:117 Resp: 123190

Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.1	114.1
121	29.0	24.1	36.1





#39

Methylcyclohexane

Concen: 45.345 ug/l

RT: 9.600 min Scan# 11109

Delta R.T. -0.000 min

Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

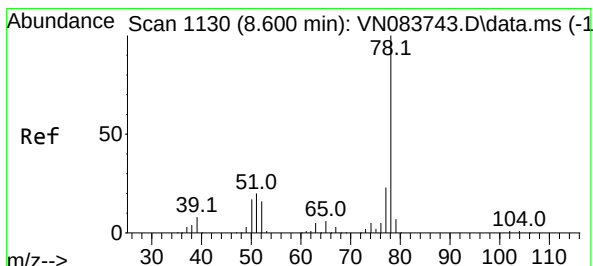
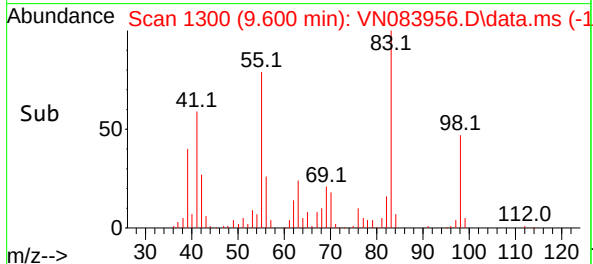
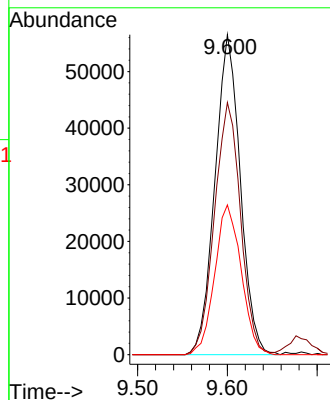
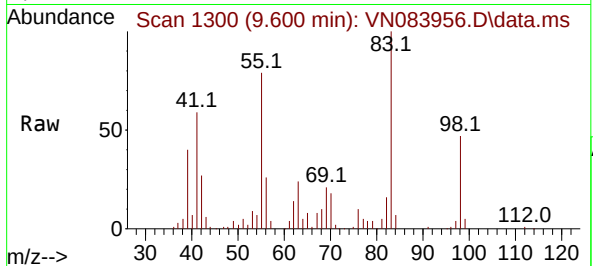
Tgt Ion: 83	Resp: 11109
Ion Ratio	Lower Upper
83	100
55	78.8 62.2 93.4
98	46.8 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#40

Benzene

Concen: 49.511 ug/l

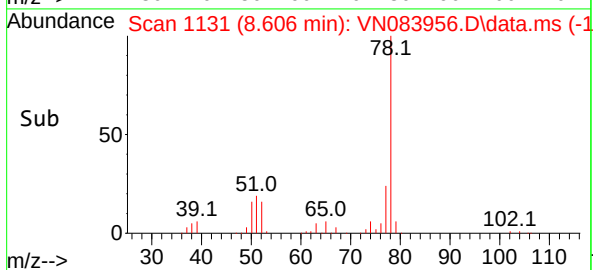
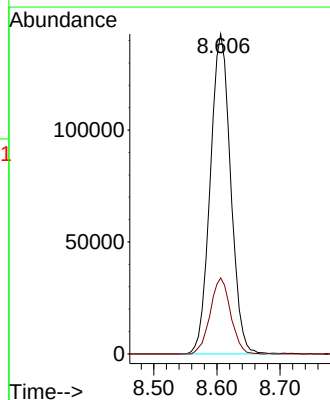
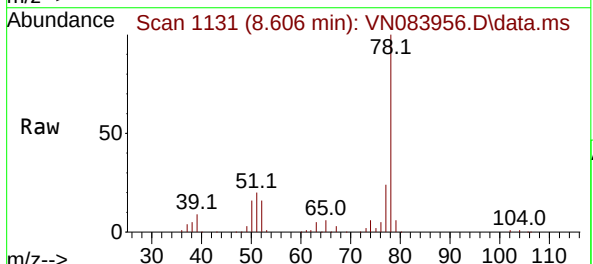
RT: 8.606 min Scan# 1131

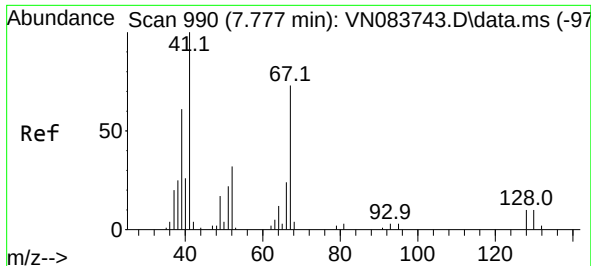
Delta R.T. 0.006 min

Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

Tgt Ion: 78	Resp: 320770
Ion Ratio	Lower Upper
78	100
77	23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 54.792 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

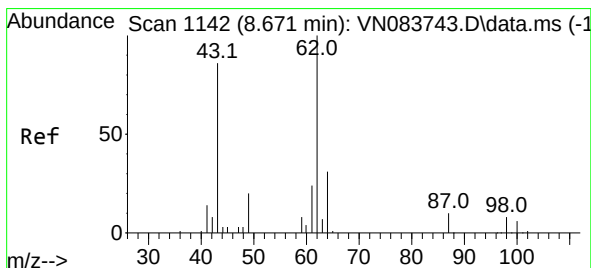
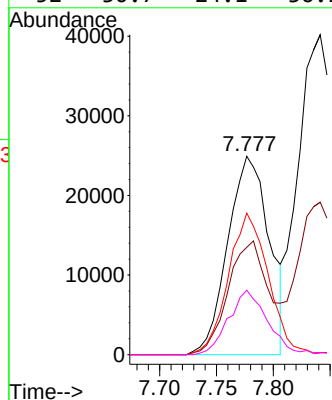
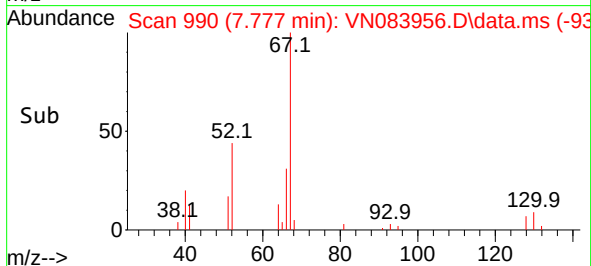
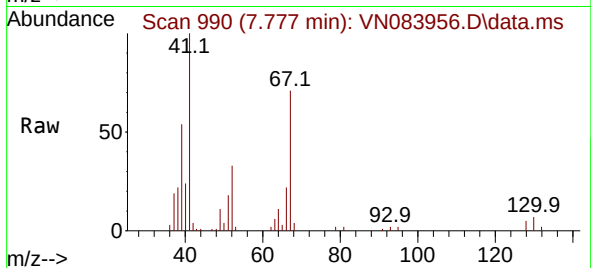
Tgt Ion: 41 Resp: 6331
Ion Ratio Lower Upper
41 100
39 56.2 45.4 68.2
67 69.1 55.9 83.9
52 30.7 24.1 36.1

Manual Integrations

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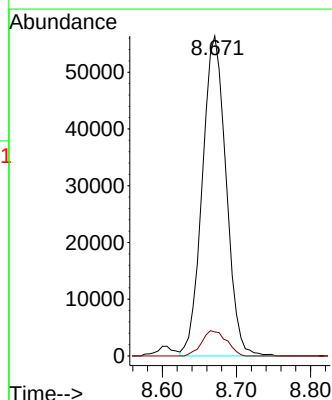
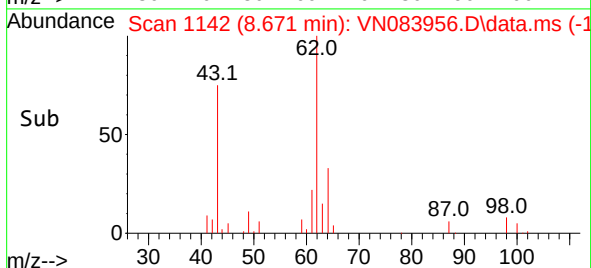
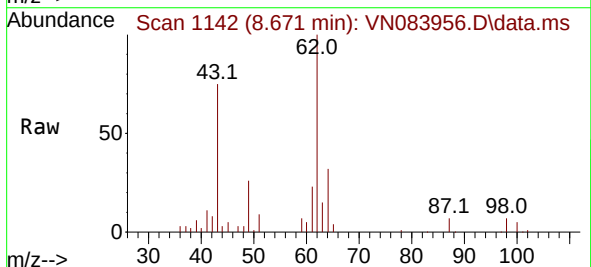
Reviewed By :John Carlone 09/18/2024

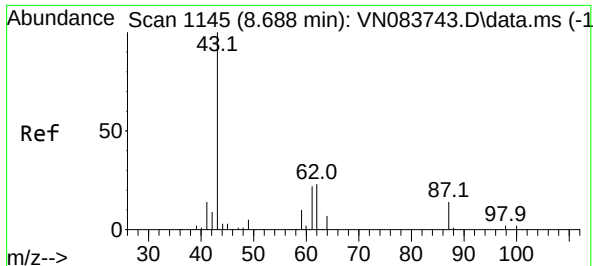
Supervised By :Mahesh Dadoda 09/18/2024



#42
1,2-Dichloroethane
Concen: 51.946 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Tgt Ion: 62 Resp: 125755
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.6





#43

Isopropyl Acetate

Concen: 59.034 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 209010

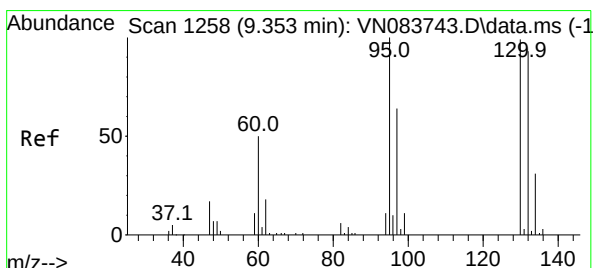
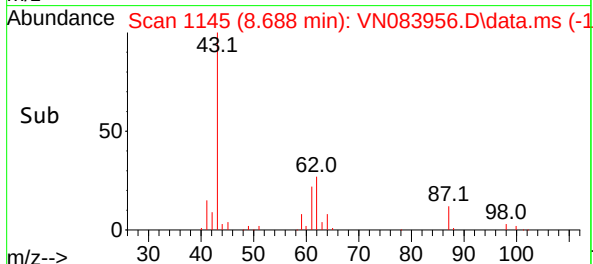
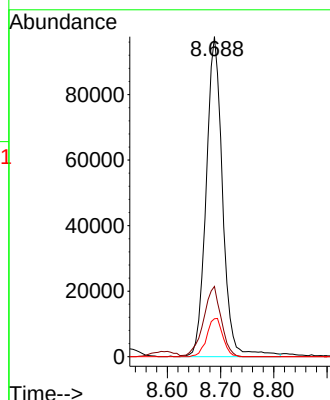
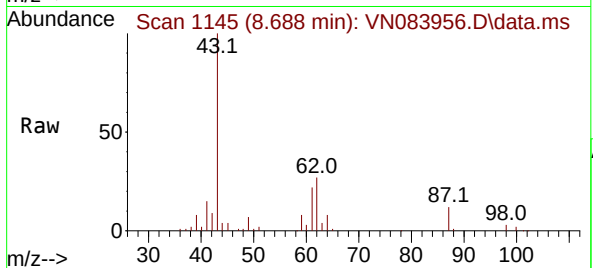
Ion	Ratio	Lower	Upper
43	100		
61	23.5	19.4	29.0
87	11.7	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#44

Trichloroethene

Concen: 48.487 ug/l

RT: 9.353 min Scan# 1258

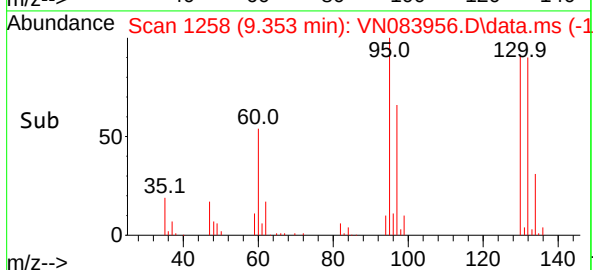
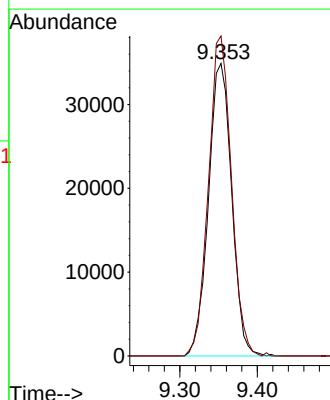
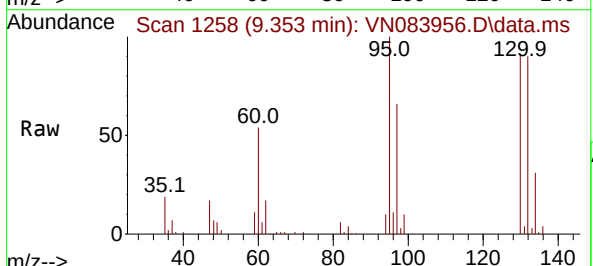
Delta R.T. -0.000 min

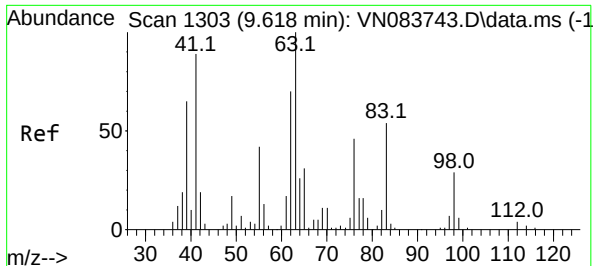
Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

Tgt Ion:130 Resp: 72745

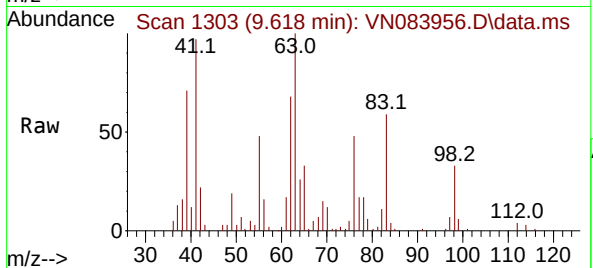
Ion	Ratio	Lower	Upper
130	100		
95	109.4	0.0	200.4





#45
1,2-Dichloropropane
Concen: 52.258 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

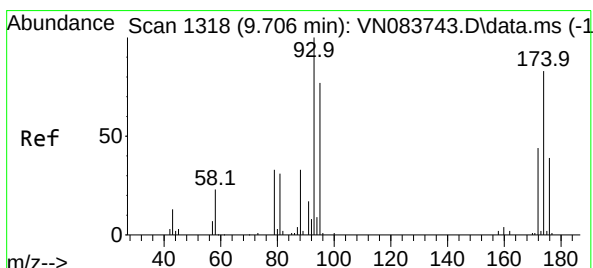
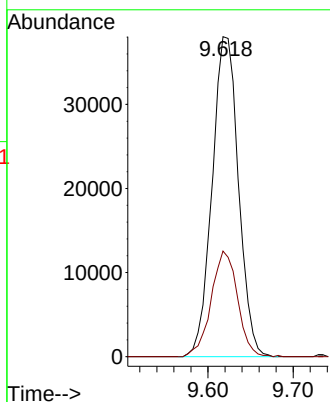
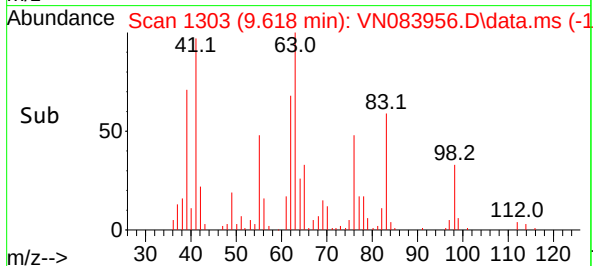
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 81829
Ion Ratio Lower Upper
63 100
65 33.0 25.9 38.9

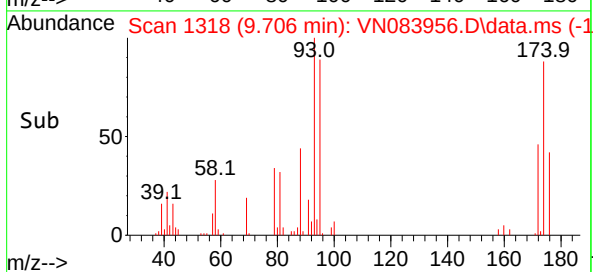
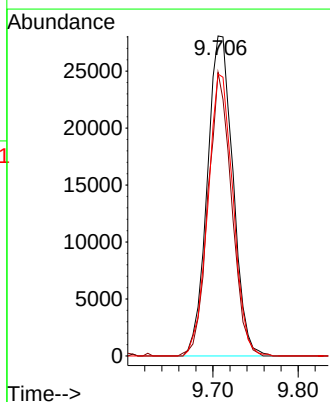
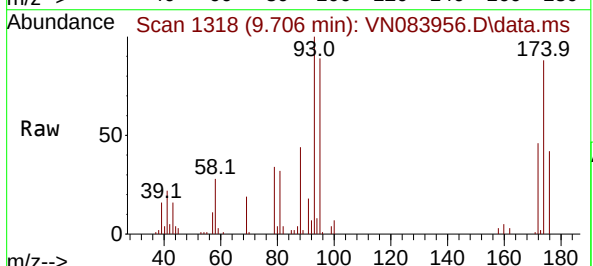
Manual Integrations
APPROVED

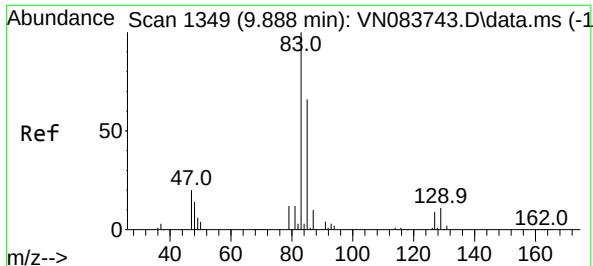
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#46
Dibromomethane
Concen: 53.830 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Tgt Ion: 93 Resp: 59040
Ion Ratio Lower Upper
93 100
95 80.9 65.3 97.9
174 86.1 71.0 106.4





#47
Bromodichloromethane
Concen: 53.959 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

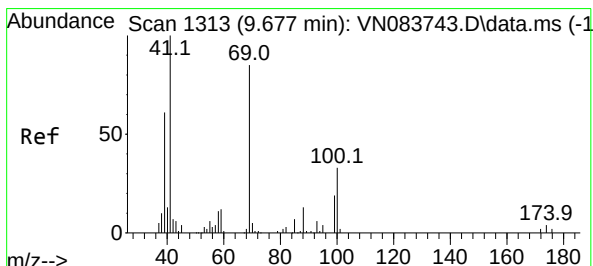
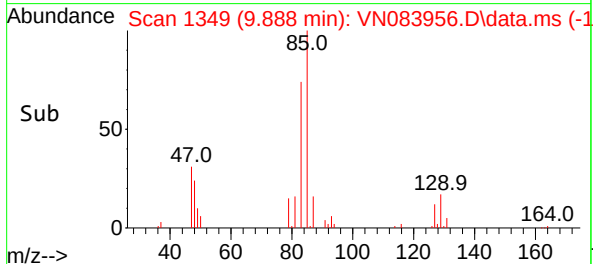
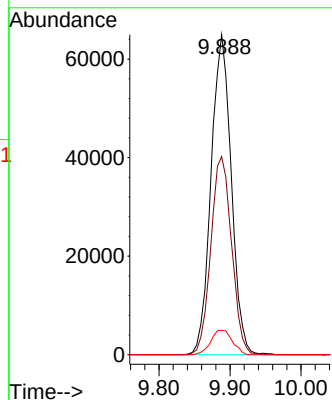
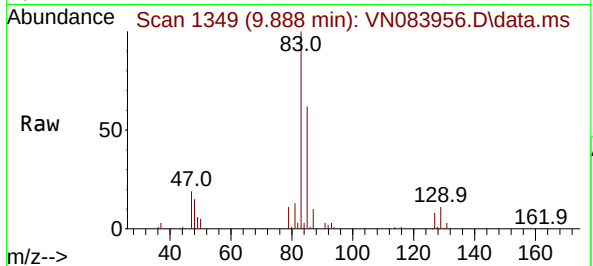
Tgt Ion: 83 Resp: 12808
Ion Ratio Lower Upper
83 100
85 61.9 51.8 77.8
127 7.6 6.6 9.8

Manual Integrations

APPROVED

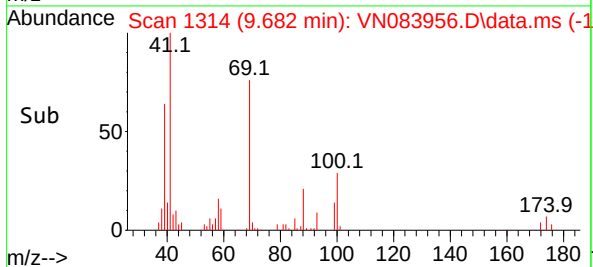
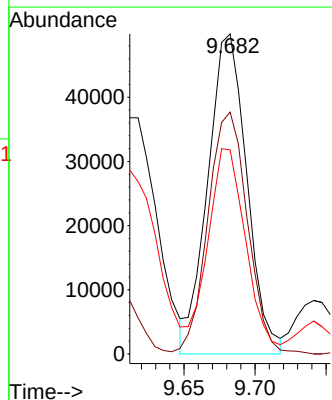
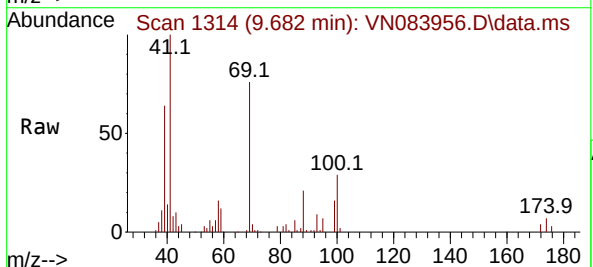
Reviewed By :John Carlone 09/18/2024

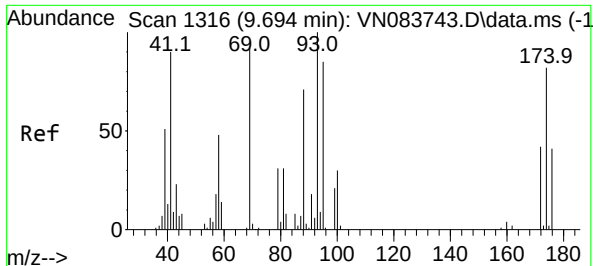
Supervised By :Mahesh Dadoda 09/18/2024



#48
Methyl methacrylate
Concen: 56.770 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Tgt Ion: 41 Resp: 95362
Ion Ratio Lower Upper
41 100
69 76.6 64.3 96.5
39 63.4 48.9 73.3





#49

1,4-Dioxane

Concen: 1182.761 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 32684

Ion Ratio Lower Upper

88 100

43 35.7 0.0 0.0

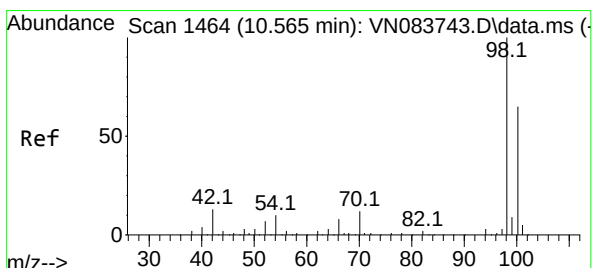
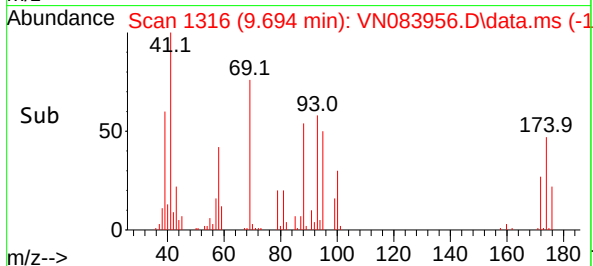
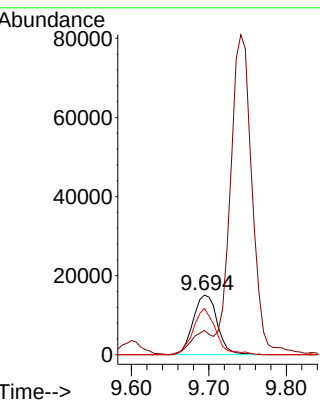
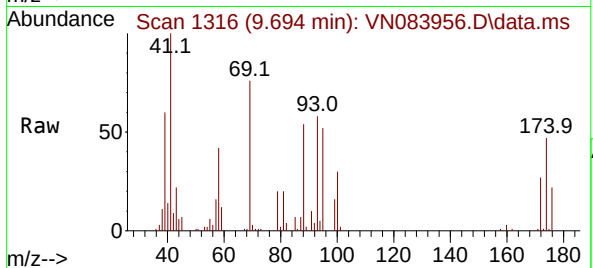
58 72.8 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#50

Toluene-d8

Concen: 56.736 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083956.D

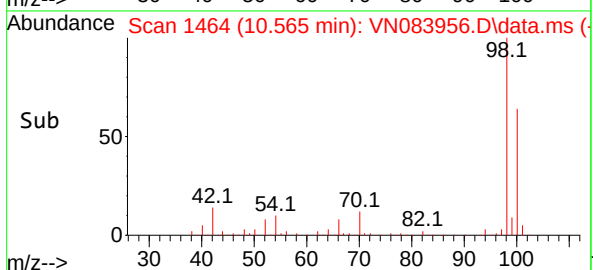
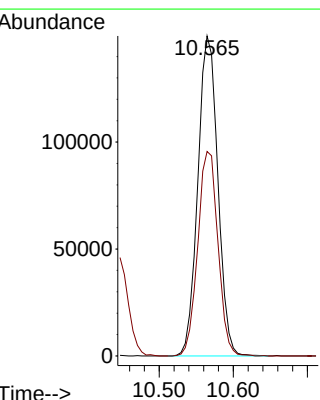
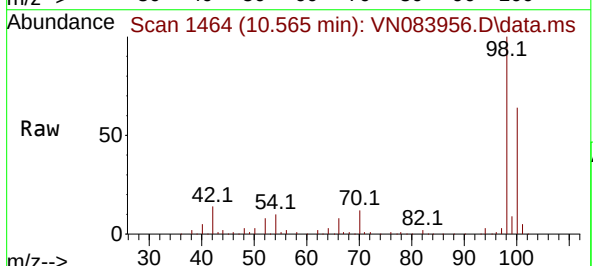
Acq: 17 Sep 2024 19:30

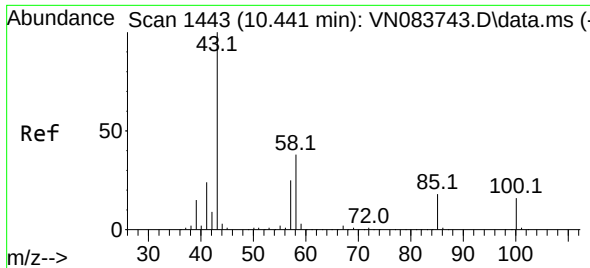
Tgt Ion: 98 Resp: 280498

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0





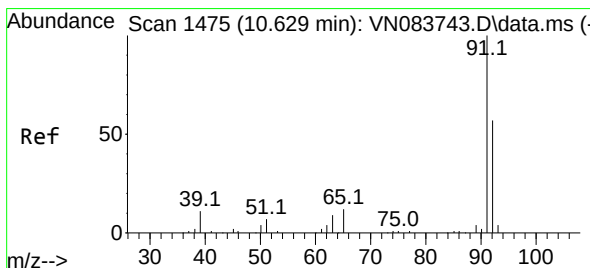
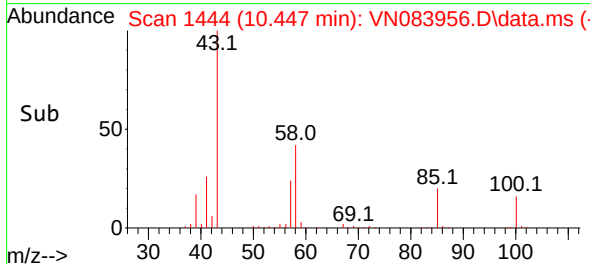
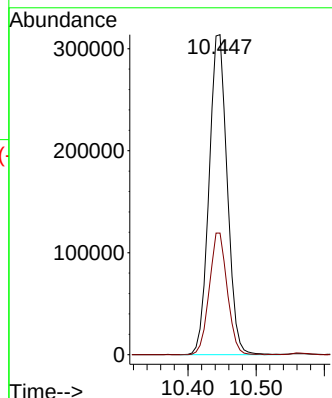
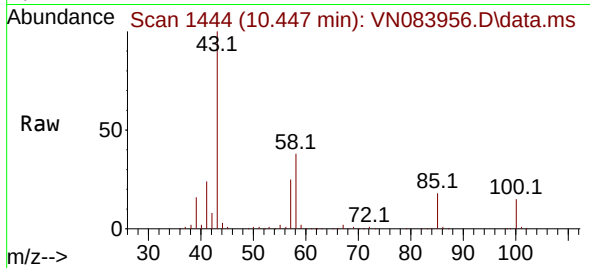
#51
4-Methyl-2-Pentanone
Concen: 300.898 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 579920
Ion Ratio Lower Upper
43 100
58 37.7 31.6 47.4

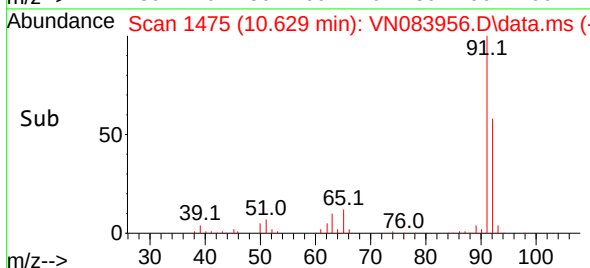
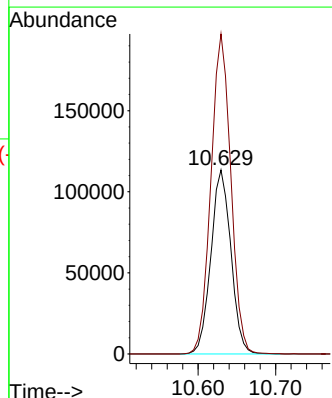
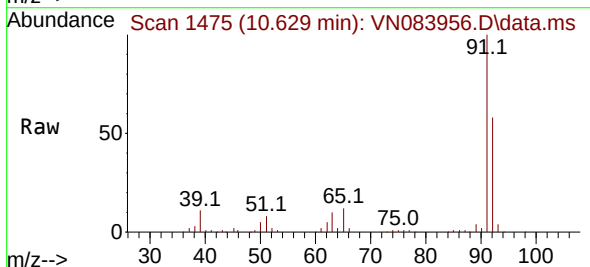
Manual Integrations
APPROVED

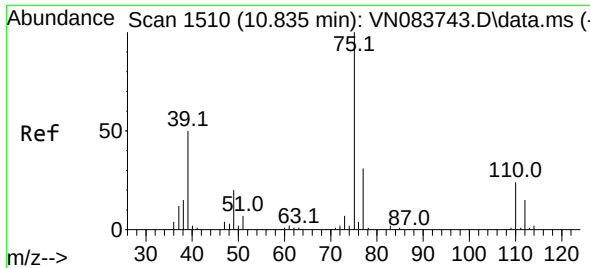
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#52
Toluene
Concen: 51.378 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

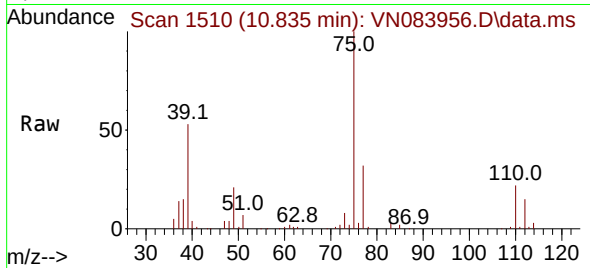
Tgt Ion: 92 Resp: 203602
Ion Ratio Lower Upper
92 100
91 172.9 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 52.746 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

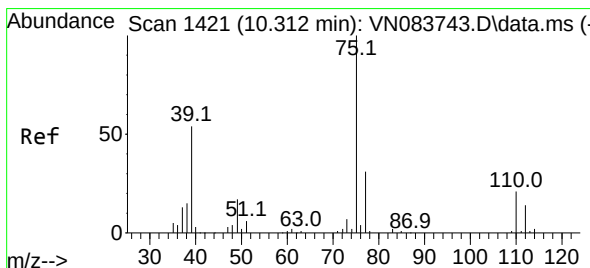
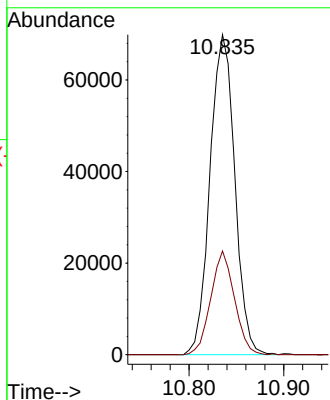
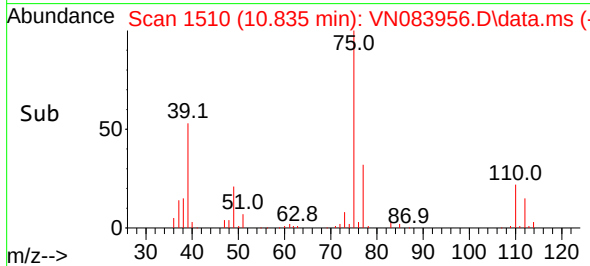
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



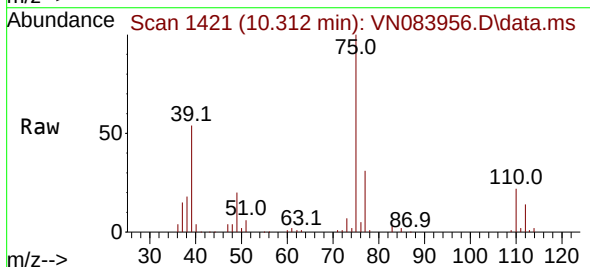
Tgt Ion: 75 Resp: 126900
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6

Manual Integrations
APPROVED

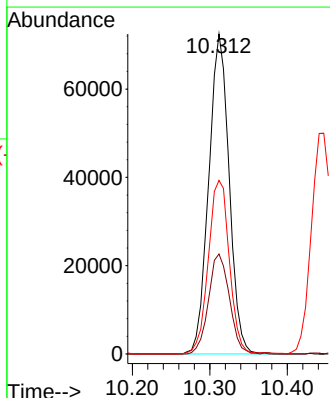
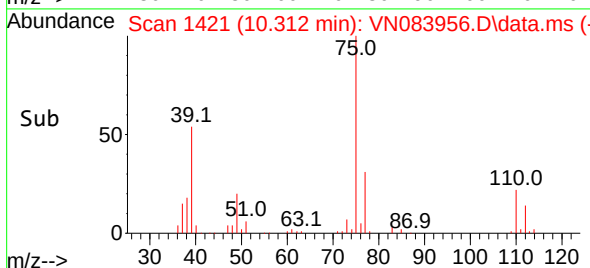
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

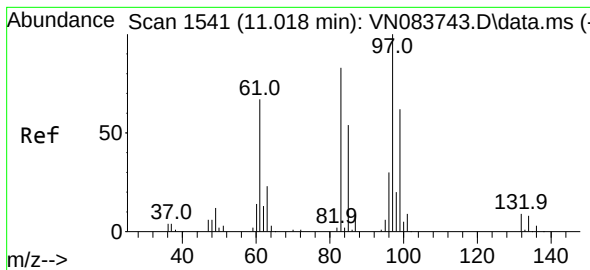


#54
cis-1,3-Dichloropropene
Concen: 52.454 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30



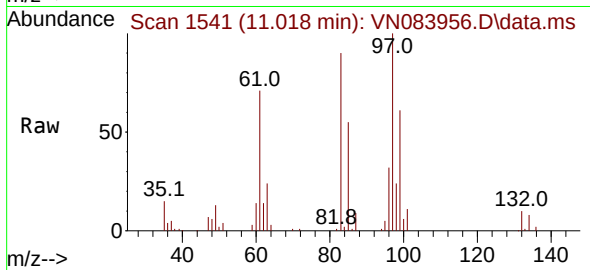
Tgt Ion: 75 Resp: 132569
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6
39 54.3 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 52.584 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

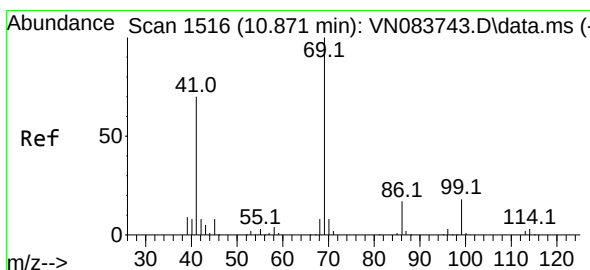
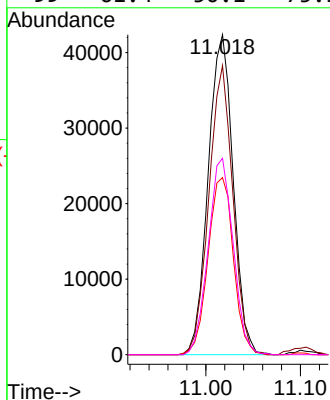
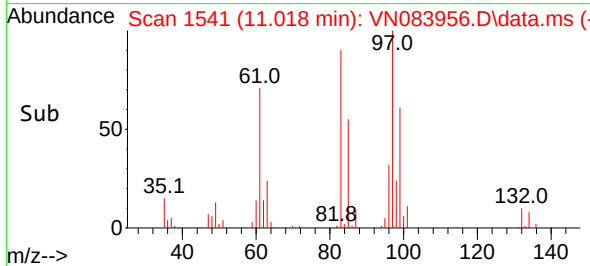
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



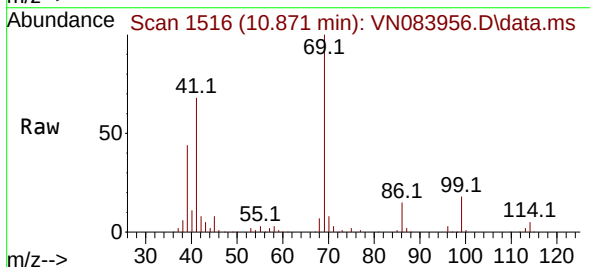
Tgt Ion:	97	Resp:	7779
Ion	Ratio	Lower	Upper
97	100		
83	90.4	67.5	101.3
85	55.3	44.2	66.2
99	61.4	50.1	75.1

Manual Integrations
APPROVED

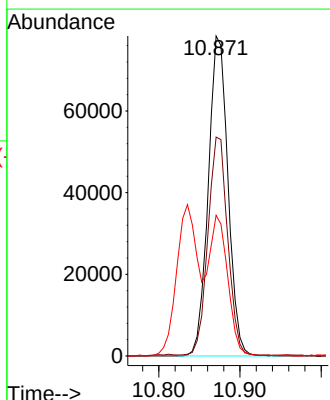
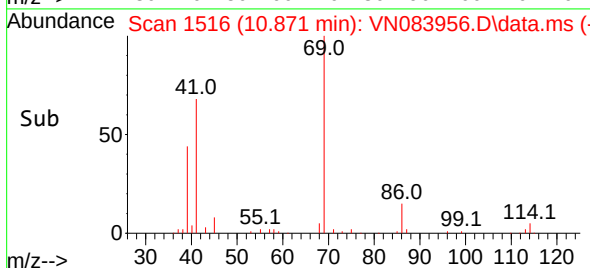
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

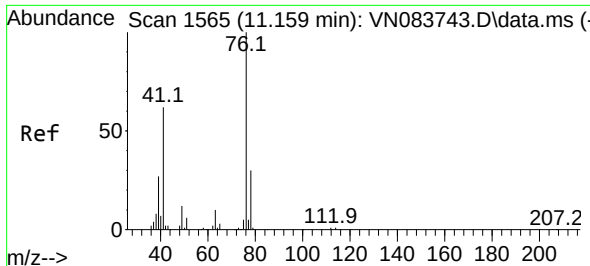


#56
Ethyl methacrylate
Concen: 57.929 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30



Tgt Ion:	69	Resp:	131858
Ion	Ratio	Lower	Upper
69	100		
41	69.2	53.9	80.9
39	42.9	32.6	48.8





#57

1,3-Dichloropropane

Concen: 53.641 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 136392

Ion Ratio Lower Upper

76 100

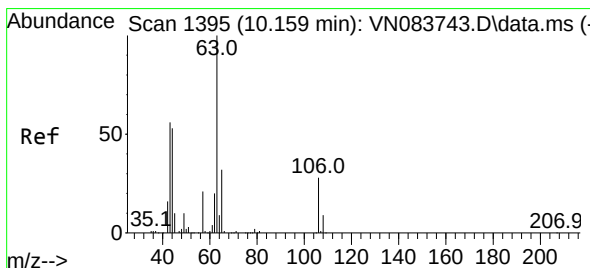
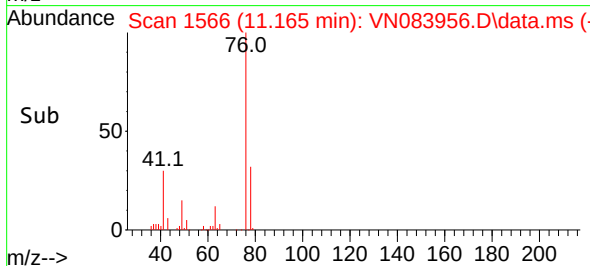
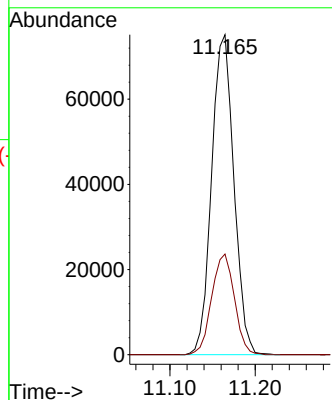
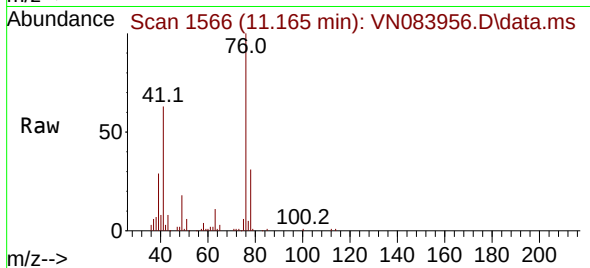
78 32.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#58

2-Chloroethyl Vinyl ether

Concen: 333.076 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083956.D

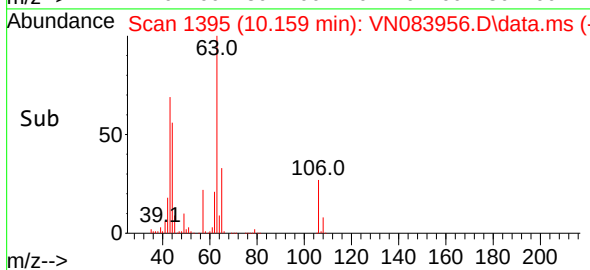
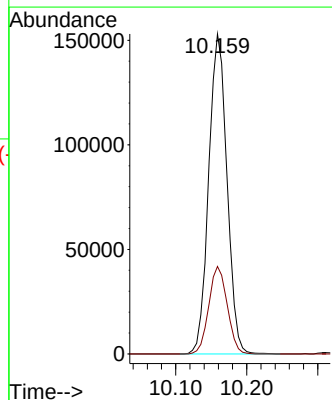
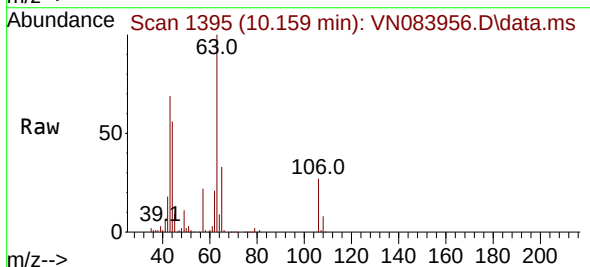
Acq: 17 Sep 2024 19:30

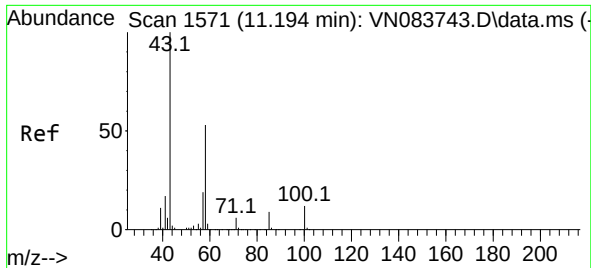
Tgt Ion: 63 Resp: 273177

Ion Ratio Lower Upper

63 100

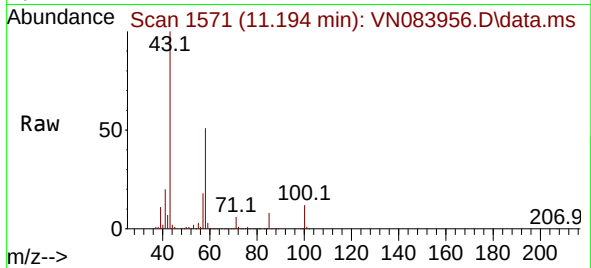
106 27.6 23.3 34.9





#59
2-Hexanone
Concen: 298.059 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

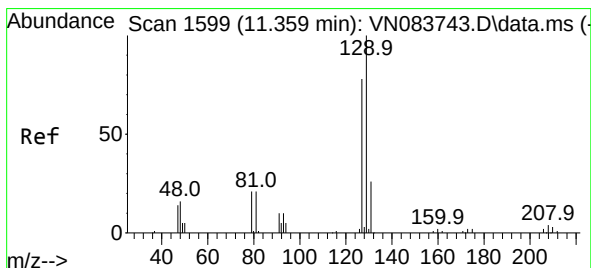
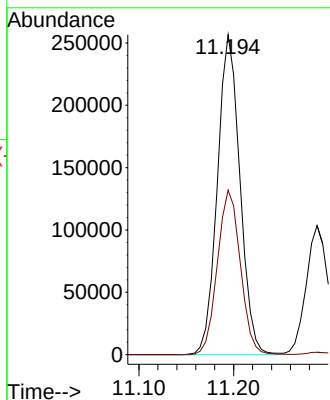
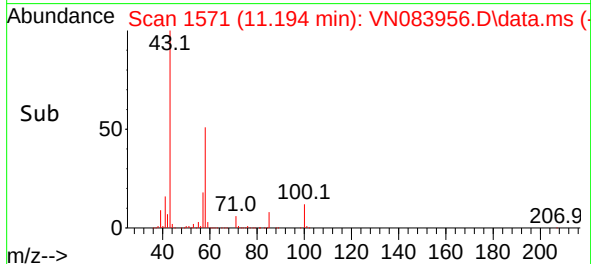
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 424938
Ion Ratio Lower Upper
43 100
58 52.4 27.2 81.5

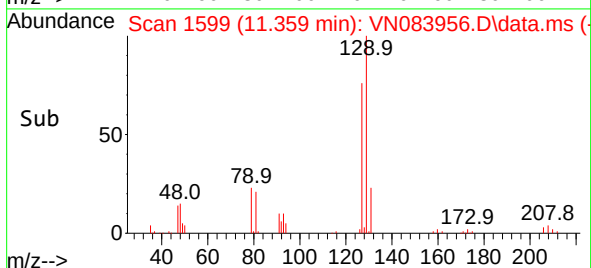
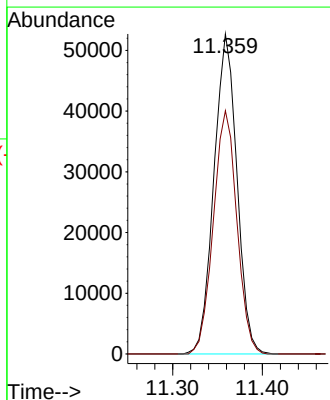
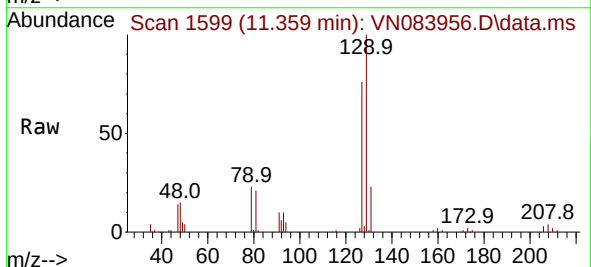
Manual Integrations
APPROVED

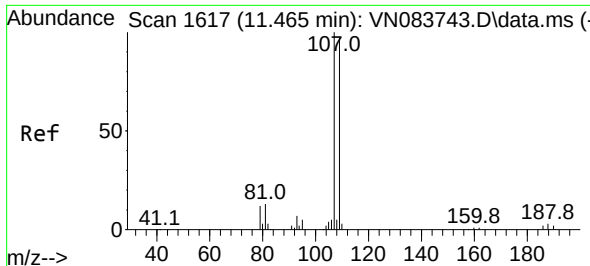
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#60
Dibromochloromethane
Concen: 56.666 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

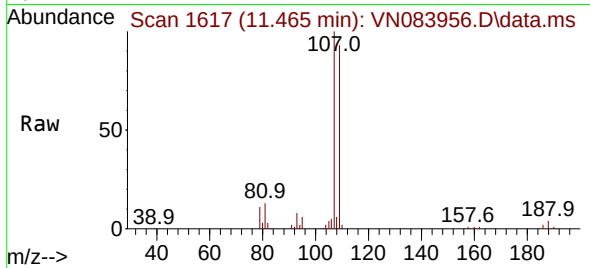
Tgt Ion:129 Resp: 93822
Ion Ratio Lower Upper
129 100
127 77.6 39.0 116.9





#61
1,2-Dibromoethane
Concen: 53.784 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

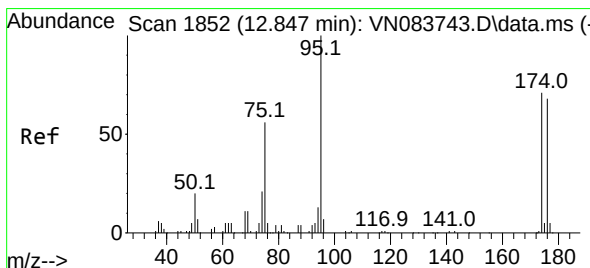
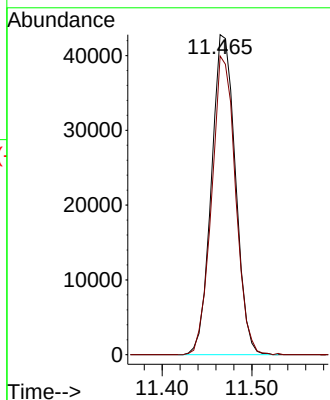
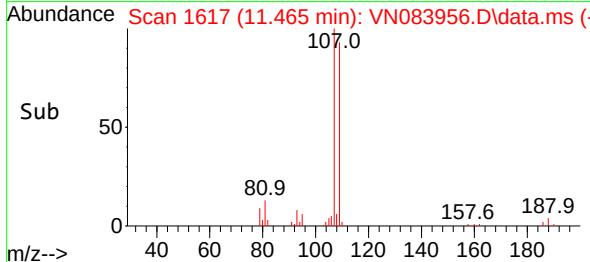
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



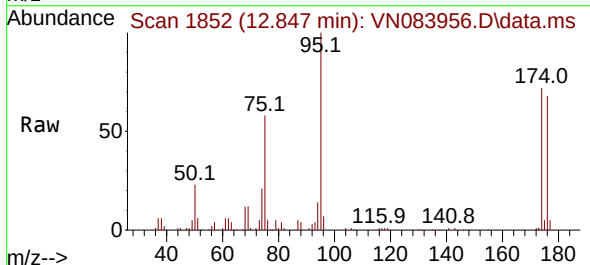
Tgt Ion:107 Resp: 7935
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4

Manual Integrations
APPROVED

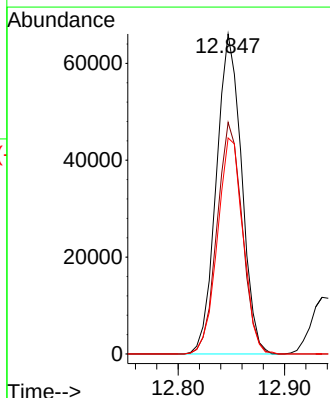
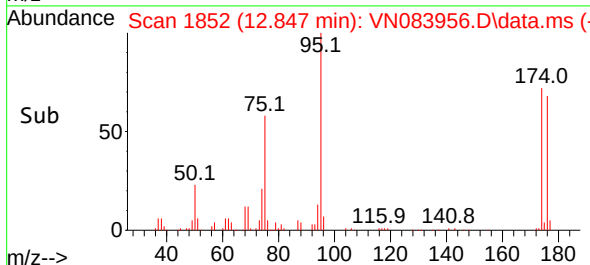
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

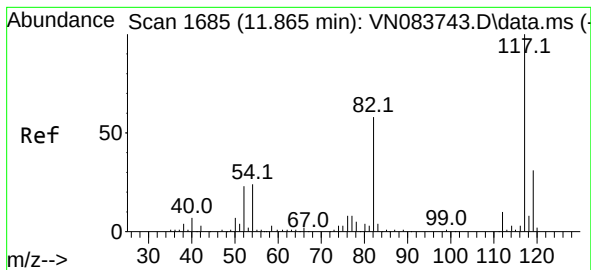


#62
4-Bromofluorobenzene
Concen: 53.323 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30



Tgt Ion: 95 Resp: 108765
Ion Ratio Lower Upper
95 100
174 71.9 0.0 139.8
176 68.3 0.0 131.4





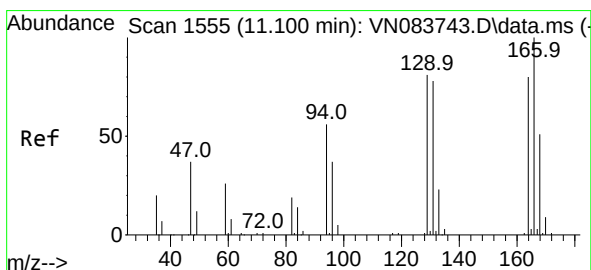
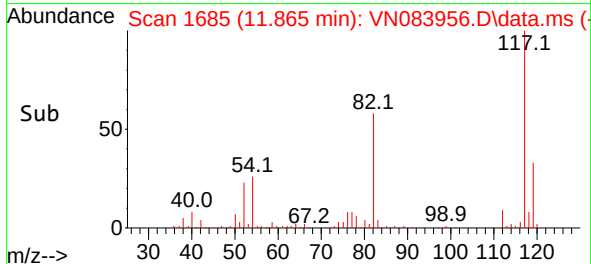
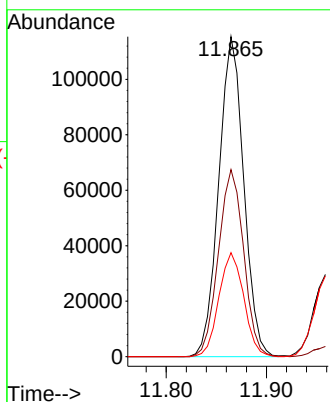
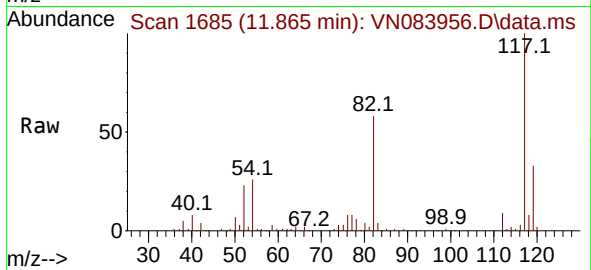
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 199710
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 32.5 26.3 39.5

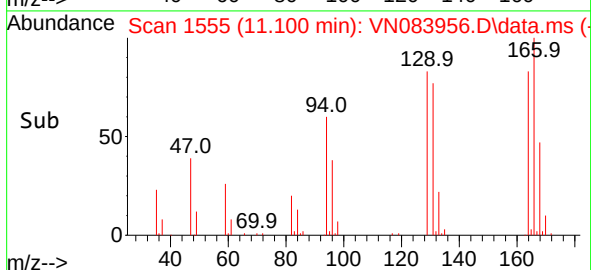
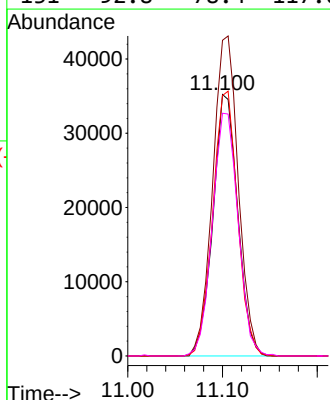
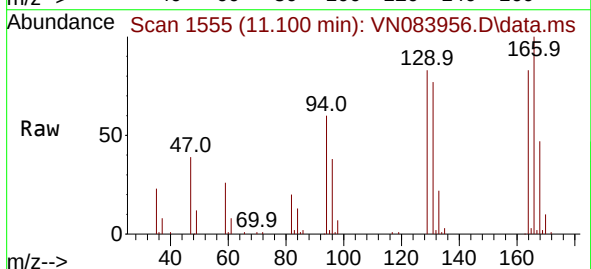
Manual Integrations
APPROVED

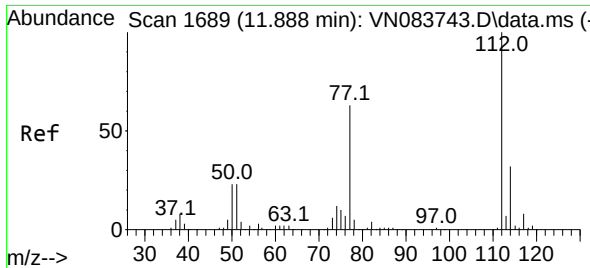
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#64
Tetrachloroethene
Concen: 48.193 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

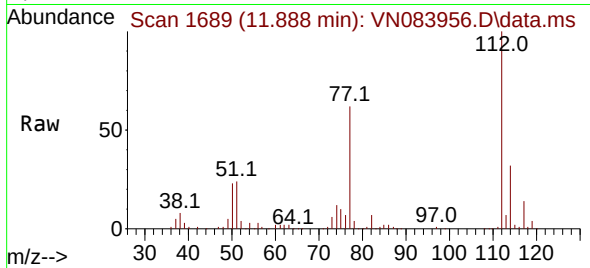
Tgt Ion:164 Resp: 64008
Ion Ratio Lower Upper
164 100
166 120.7 103.7 155.5
129 99.6 79.9 119.9
131 92.8 78.4 117.6





#65
Chlorobenzene
Concen: 48.883 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

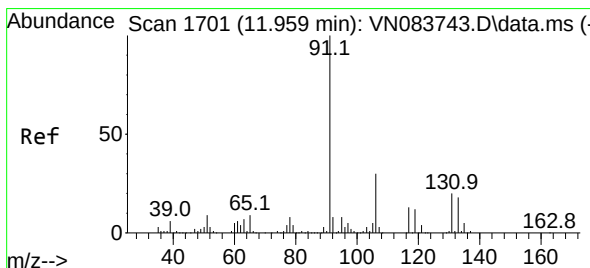
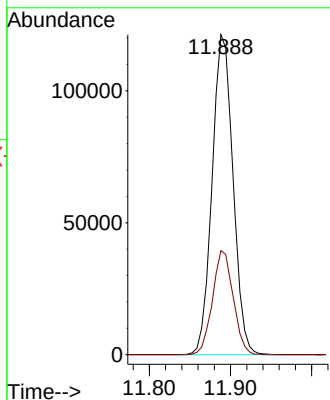
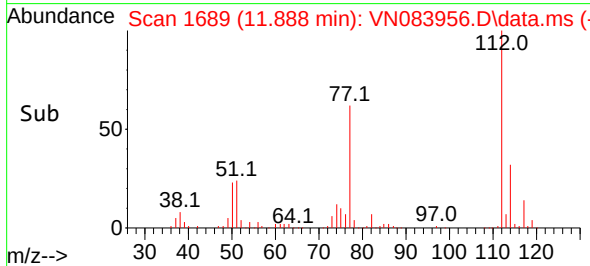
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



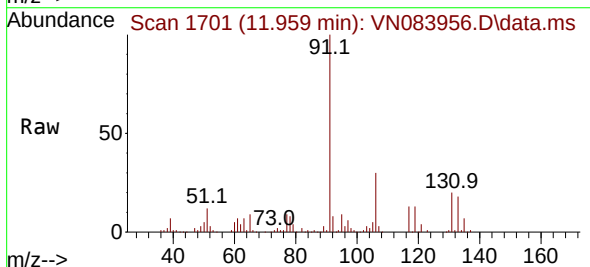
Tgt Ion:112 Resp: 216980
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

Manual Integrations
APPROVED

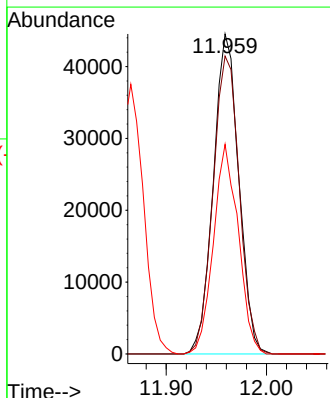
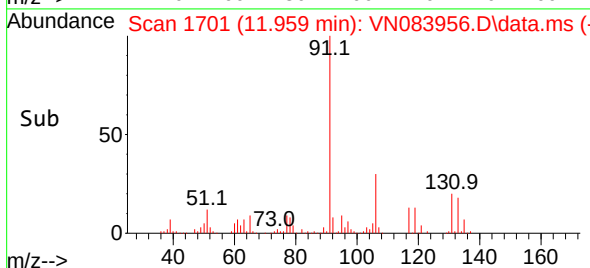
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

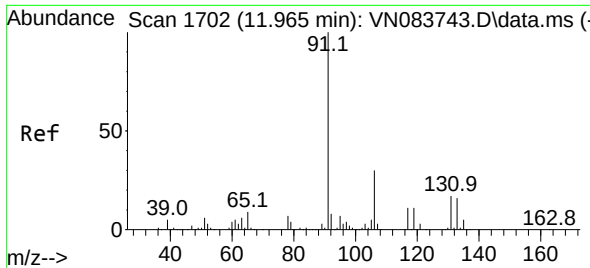


#66
1,1,1,2-Tetrachloroethane
Concen: 50.933 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30



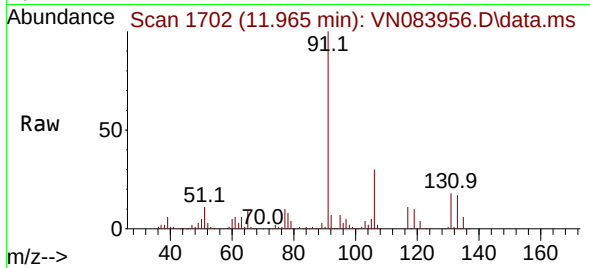
Tgt Ion:131 Resp: 78376
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.6
119 63.9 31.6 94.8





#67
Ethyl Benzene
Concen: 50.638 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

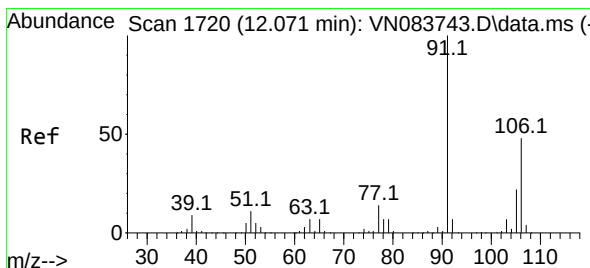
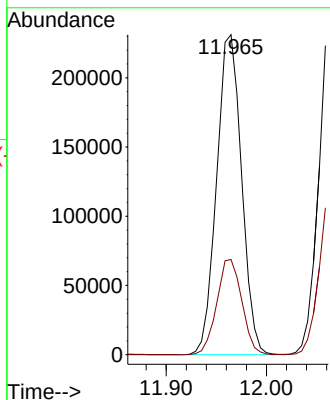
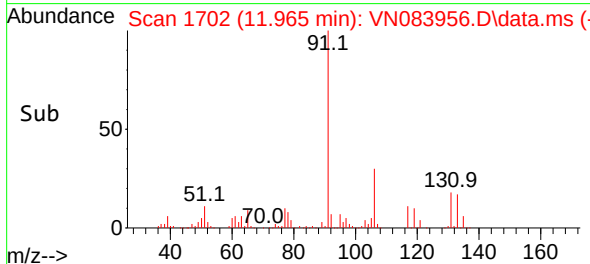
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



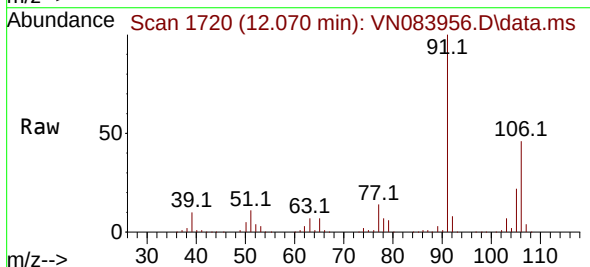
Tgt Ion: 91 Resp: 399288
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5

Manual Integrations
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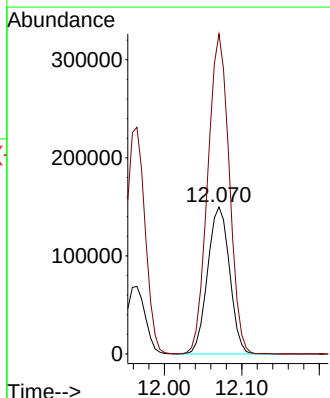
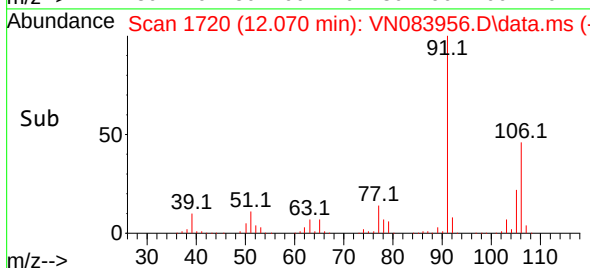
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

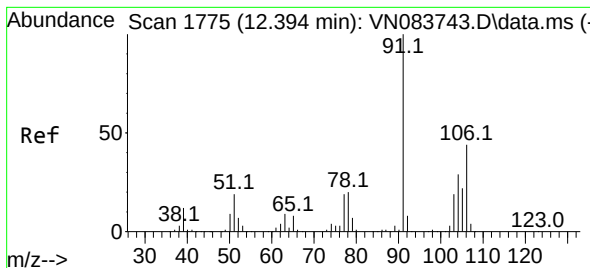


#68
m/p-Xylenes
Concen: 100.849 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30



Tgt Ion:106 Resp: 295234
Ion Ratio Lower Upper
106 100
91 213.0 169.2 253.8





#69

o-Xylene

Concen: 51.042 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 14465

Ion Ratio Lower Upper

106 100

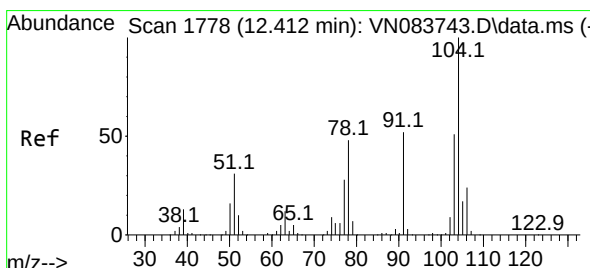
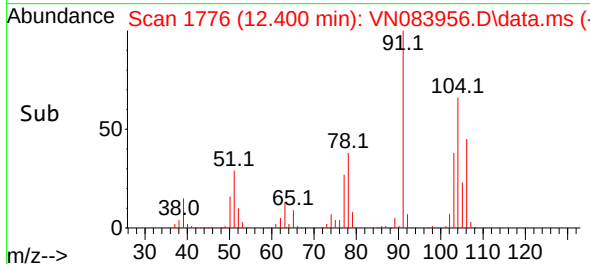
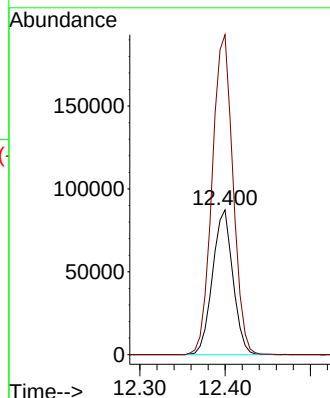
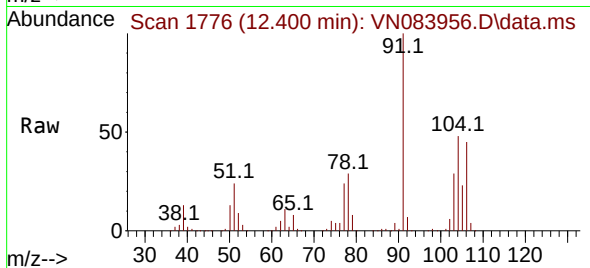
91 226.8 112.9 338.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#70

Styrene

Concen: 53.827 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN083956.D

Acq: 17 Sep 2024 19:30

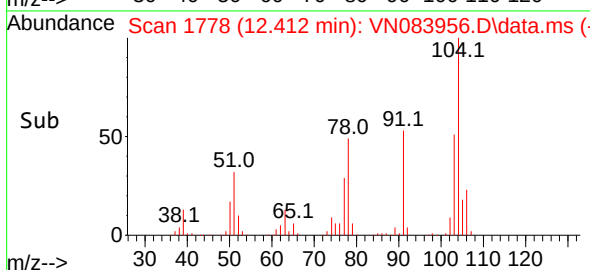
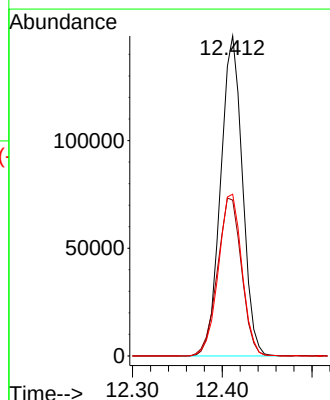
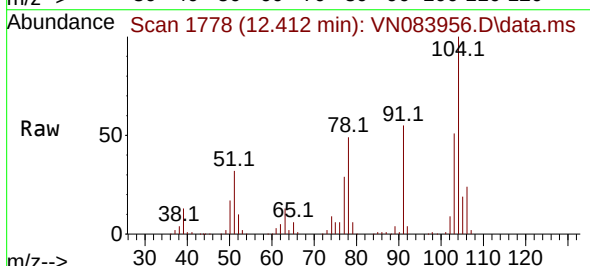
Tgt Ion:104 Resp: 250352

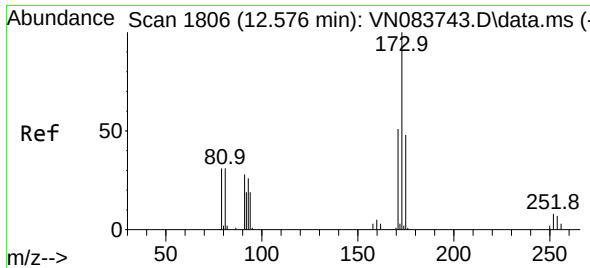
Ion Ratio Lower Upper

104 100

78 54.6 43.3 64.9

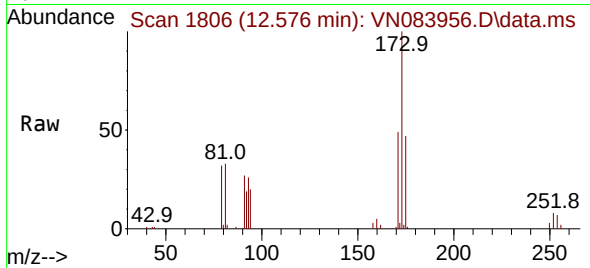
103 54.6 43.4 65.2





#71
Bromoform
Concen: 57.764 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

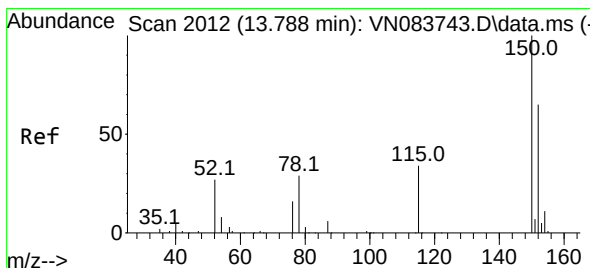
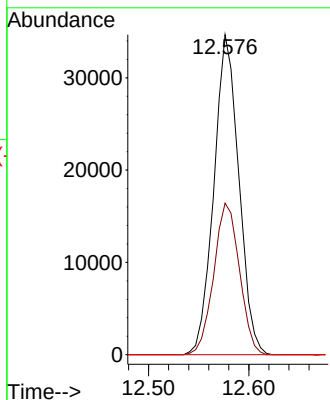
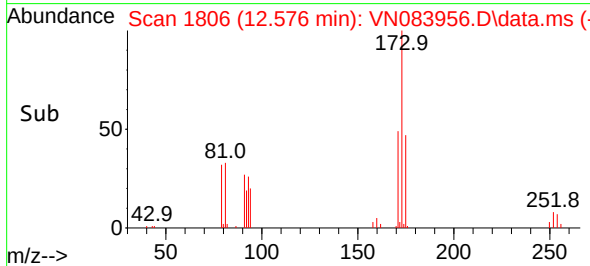
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 59898
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.2
254 0.0 0.0 0.0

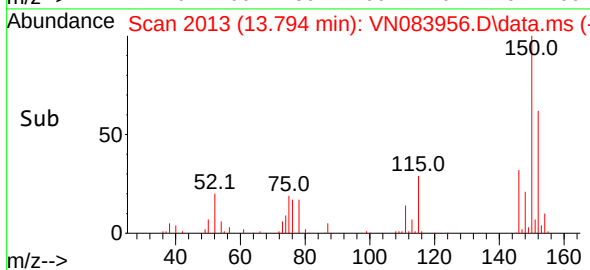
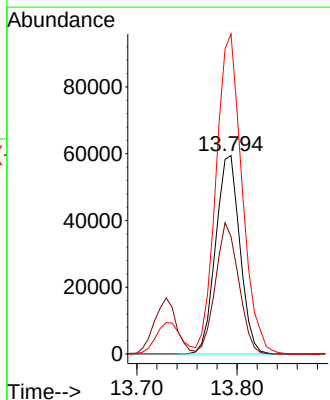
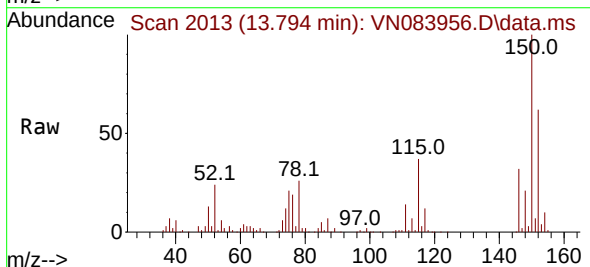
Manual Integrations
APPROVED

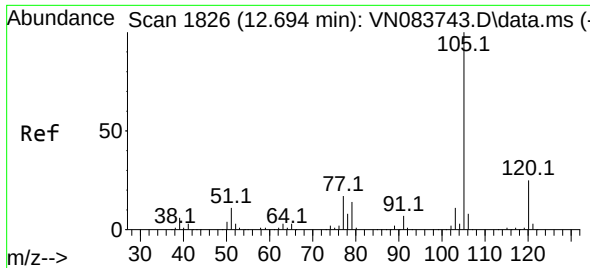
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Tgt Ion:152 Resp: 99485
Ion Ratio Lower Upper
152 100
115 63.5 32.2 96.6
150 173.6 0.0 348.6





#73
Isopropylbenzene
Concen: 49.051 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

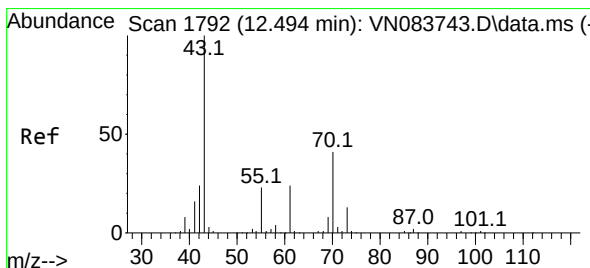
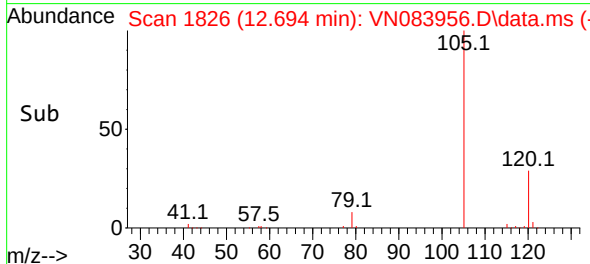
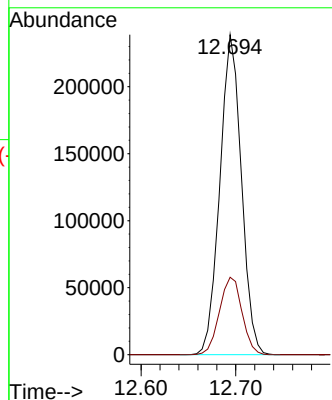
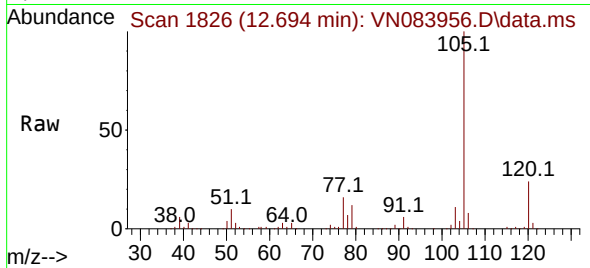
Tgt Ion:105 Resp: 37753
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8

Manual Integrations

APPROVED

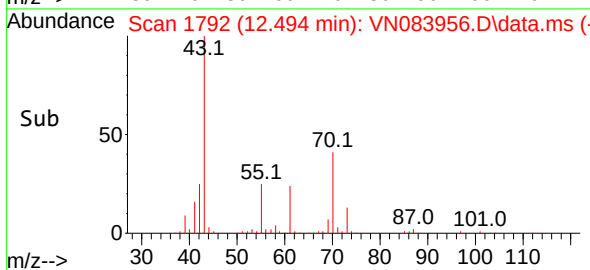
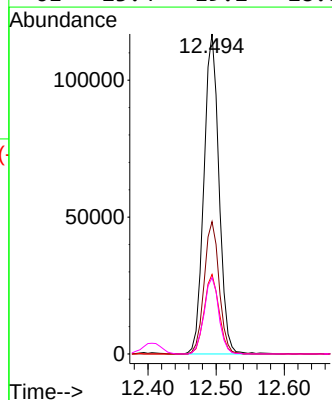
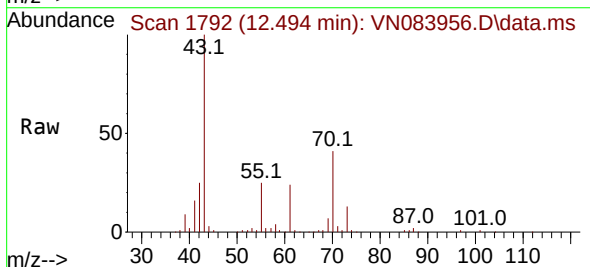
Reviewed By :John Carlone 09/18/2024

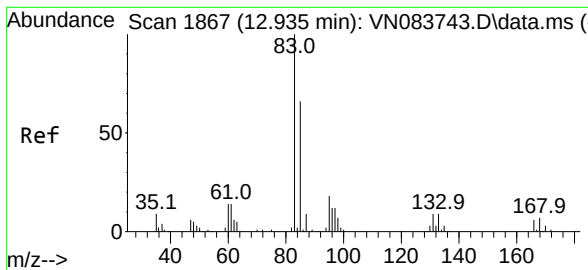
Supervised By :Mahesh Dadoda 09/18/2024



#74
N-ethyl acetate
Concen: 54.819 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Tgt Ion: 43 Resp: 180019
Ion Ratio Lower Upper
43 100
70 40.9 34.5 51.7
55 24.6 18.6 28.0
61 23.4 19.2 28.8





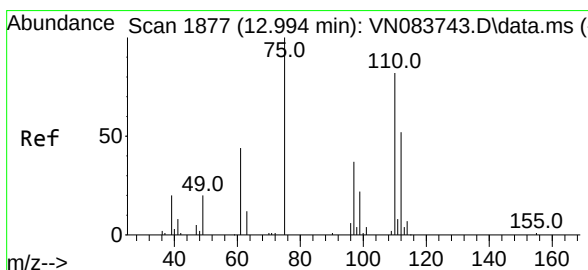
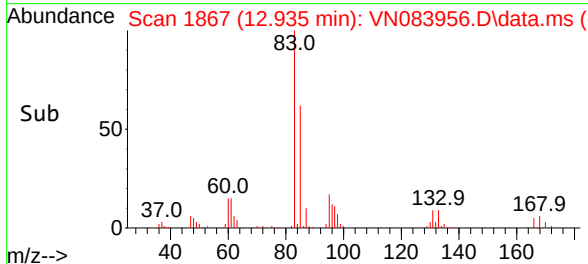
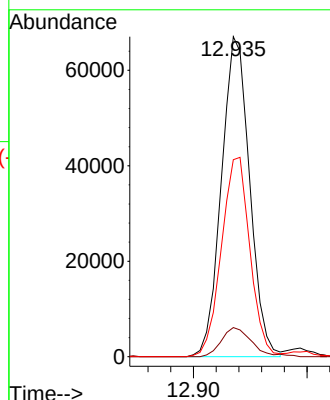
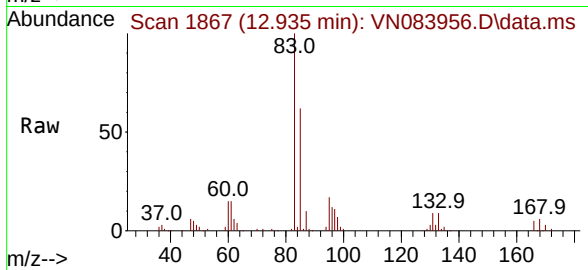
#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.138 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN083956.D
 Acq: 17 Sep 2024 19:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 11564
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.2 15.6
 85 62.9 31.9 95.9

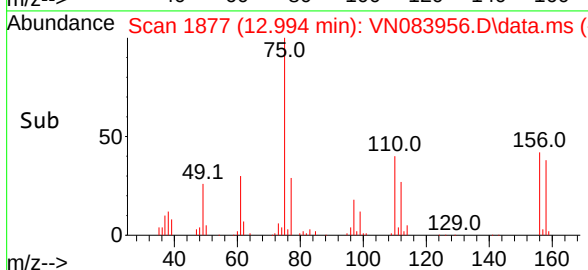
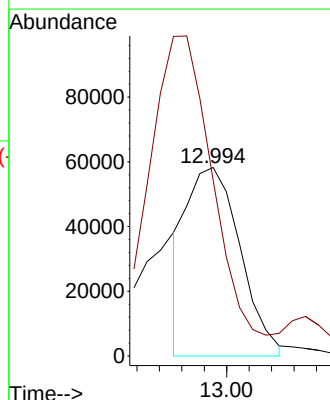
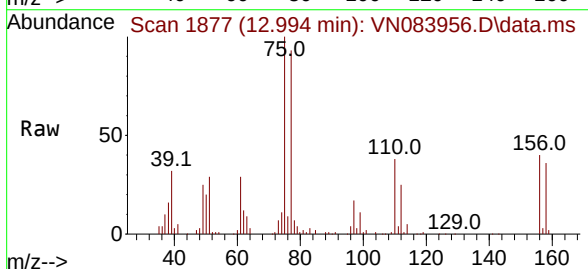
Manual Integrations
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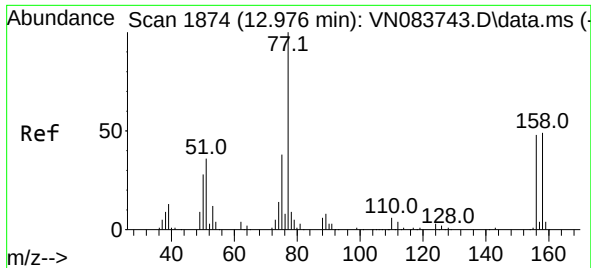
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#76
 1,2,3-Trichloropropane
 Concen: 48.224 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN083956.D
 Acq: 17 Sep 2024 19:30

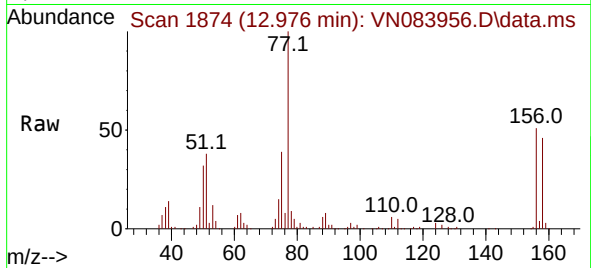
Tgt Ion: 75 Resp: 96805
 Ion Ratio Lower Upper
 75 100
 77 207.0 95.2 285.6





#77
Bromobenzene
Concen: 46.721 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

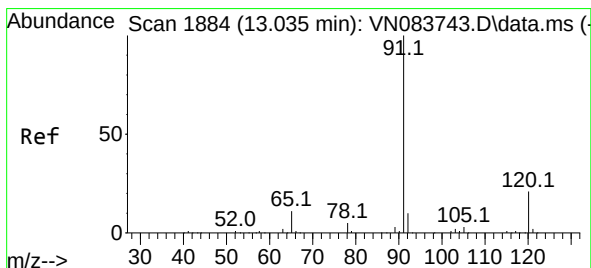
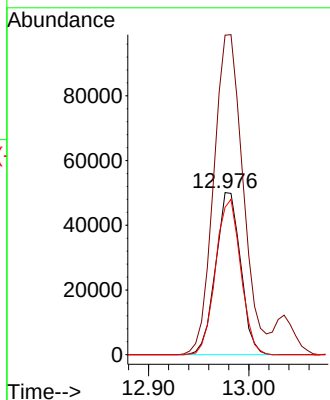
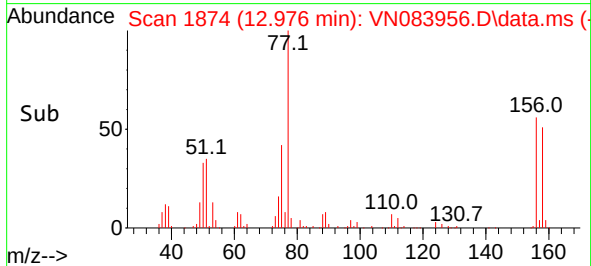
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



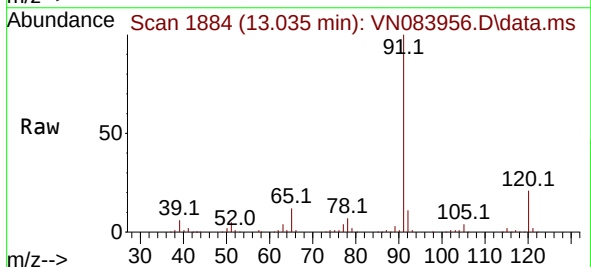
Tgt Ion:156 Resp: 8656
Ion Ratio Lower Upper
156 100
77 231.5 114.3 343.1
158 96.3 48.9 146.7

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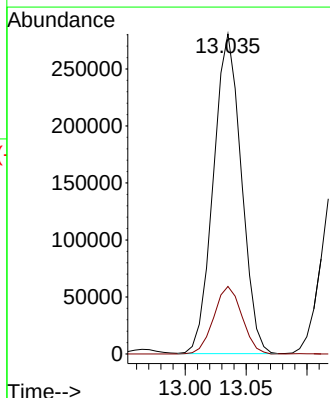
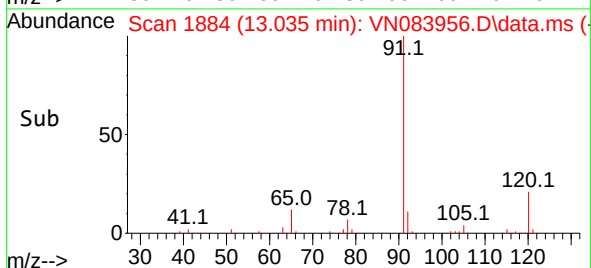
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

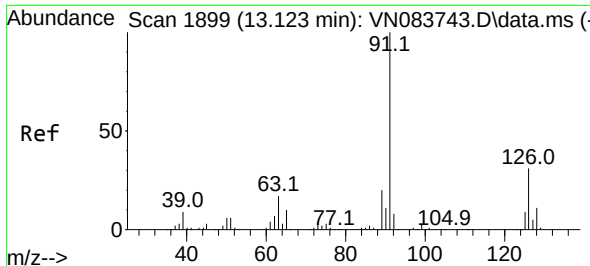


#78
n-propylbenzene
Concen: 50.025 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30



Tgt Ion: 91 Resp: 447993
Ion Ratio Lower Upper
91 100
120 21.2 11.0 33.0





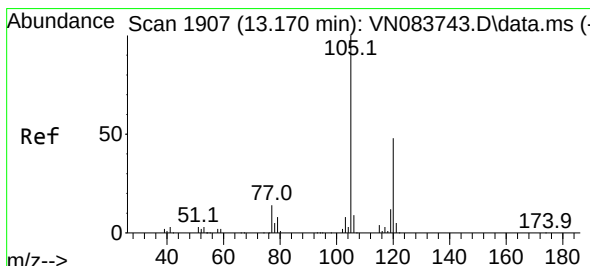
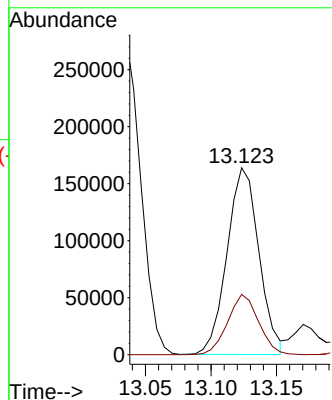
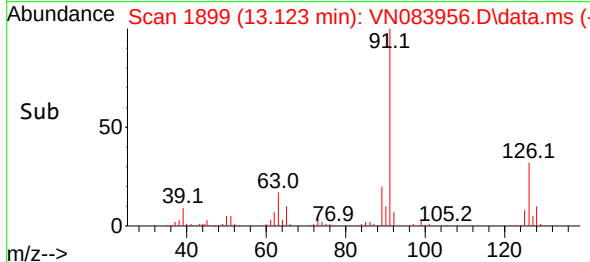
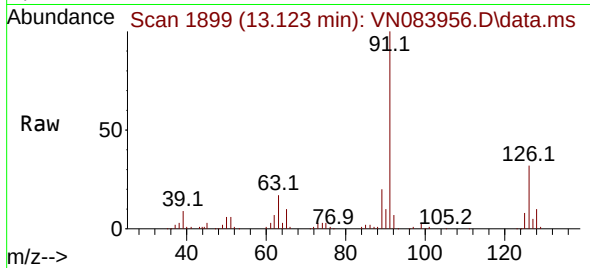
#79
2-Chlorotoluene
Concen: 48.577 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 27743
Ion Ratio Lower Upper
91 100
126 31.4 15.4 46.2

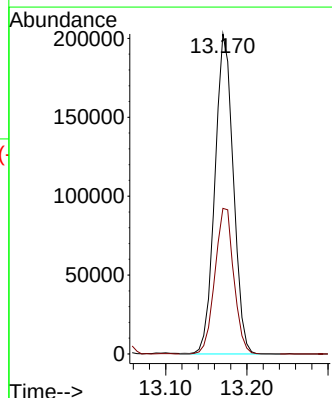
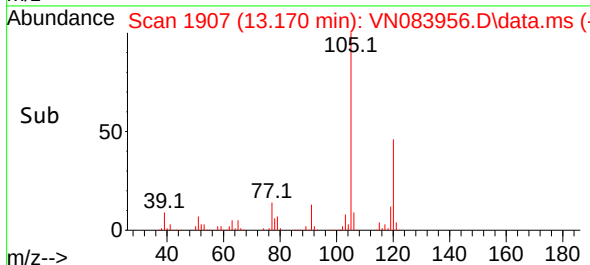
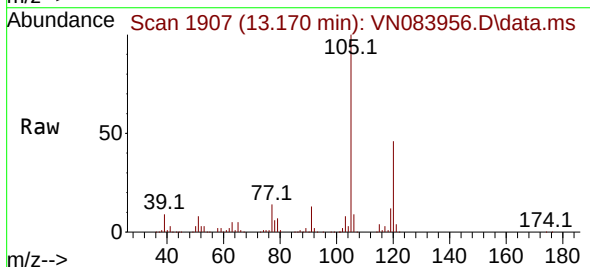
Manual Integrations
APPROVED

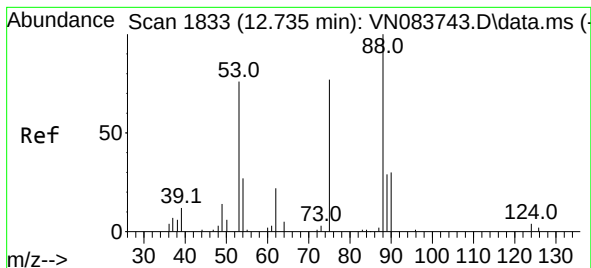
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.300 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

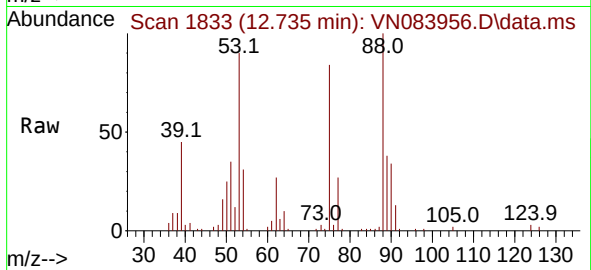
Tgt Ion:105 Resp: 319911
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 51.084 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

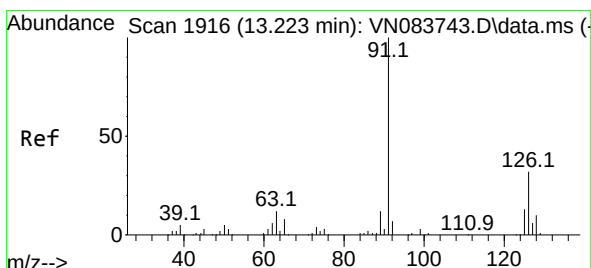
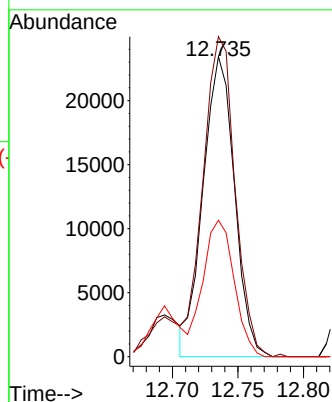
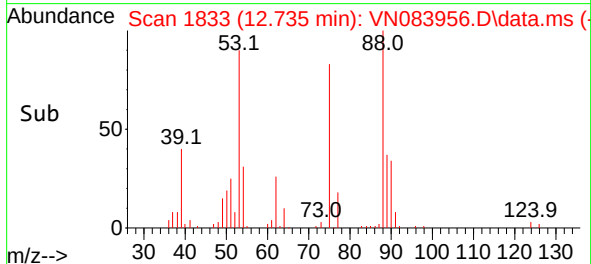
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 39154
Ion Ratio Lower Upper
75 100
53 108.7 81.2 121.8
89 44.8 35.7 53.5

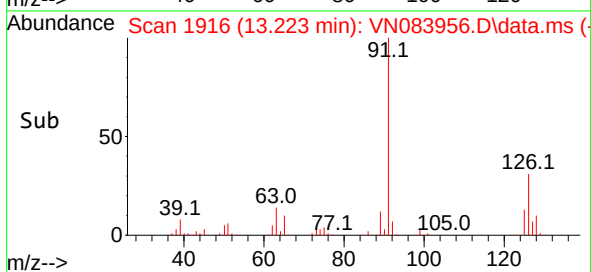
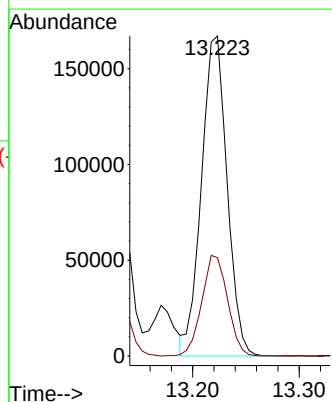
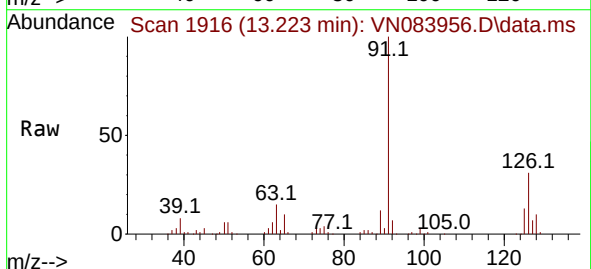
Manual Integrations
APPROVED

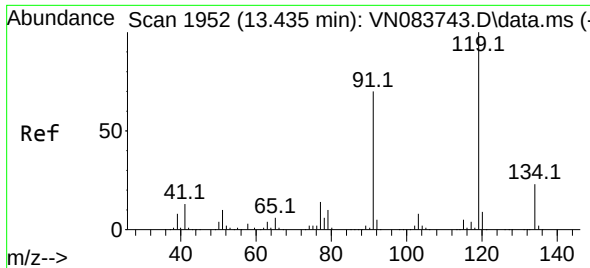
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#82
4-Chlorotoluene
Concen: 48.846 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

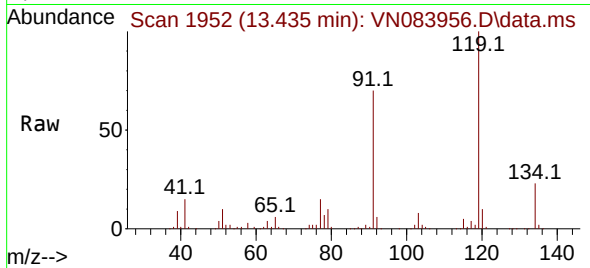
Tgt Ion: 91 Resp: 279952
Ion Ratio Lower Upper
91 100
126 31.6 15.4 46.2





#83
tert-Butylbenzene
Concen: 48.908 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

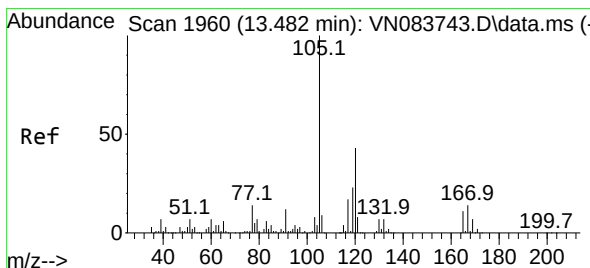
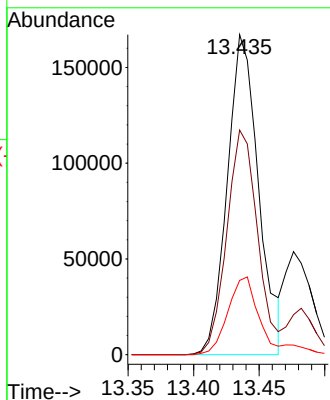
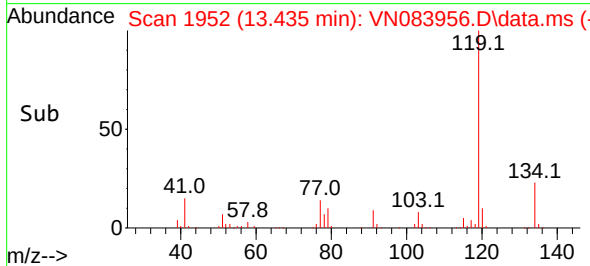
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



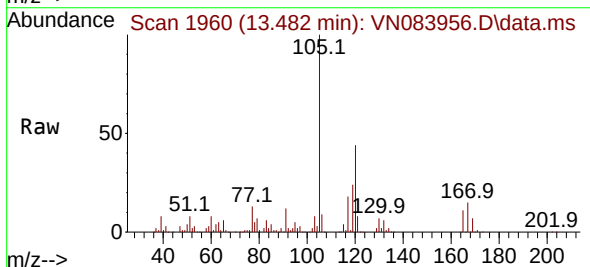
Tgt Ion:119 Resp: 277668
Ion Ratio Lower Upper
119 100
91 69.2 34.5 103.6
134 25.9 12.8 38.4

Manual Integrations
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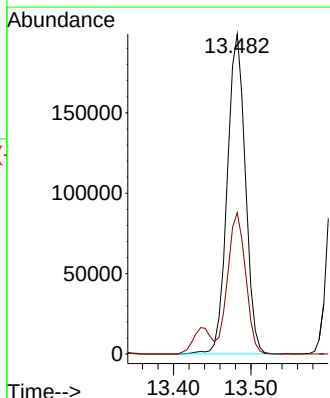
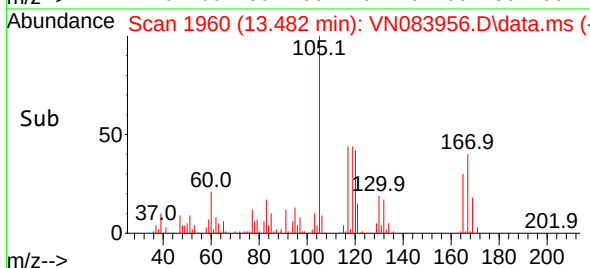
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

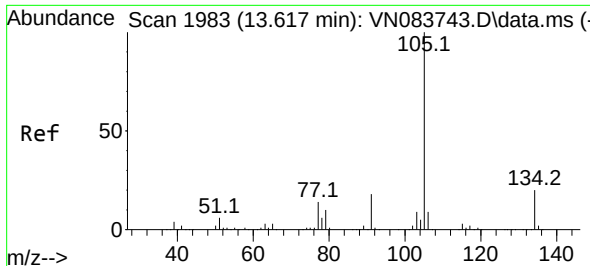


#84
1,2,4-Trimethylbenzene
Concen: 49.617 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30



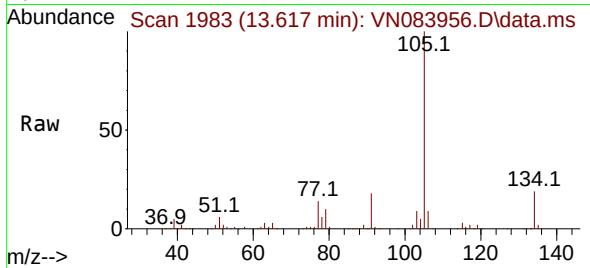
Tgt Ion:105 Resp: 323422
Ion Ratio Lower Upper
105 100
120 44.0 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 50.289 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083956.D
 Acq: 17 Sep 2024 19:30

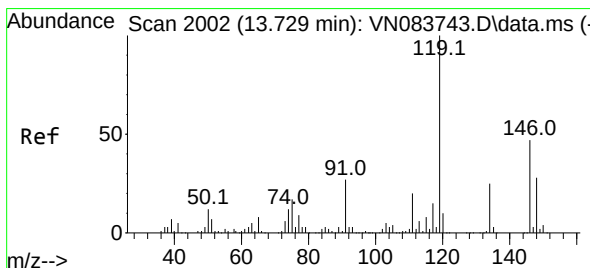
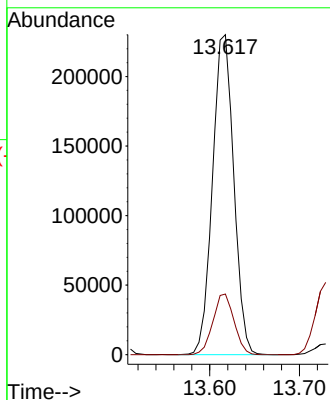
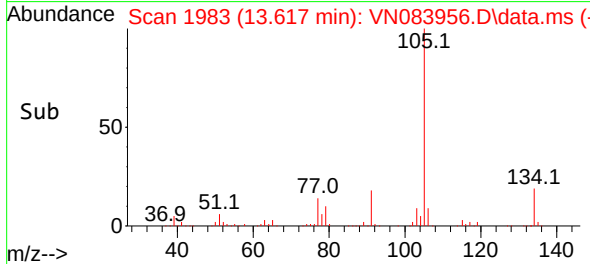
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



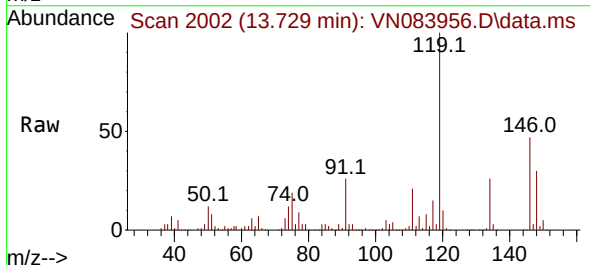
Tgt Ion:105 Resp: 37864
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1

Manual Integrations
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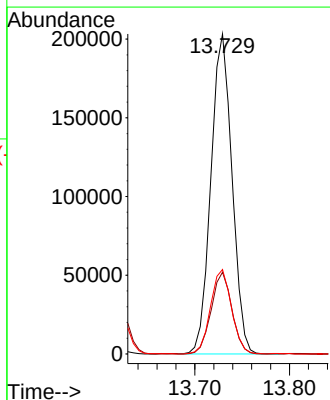
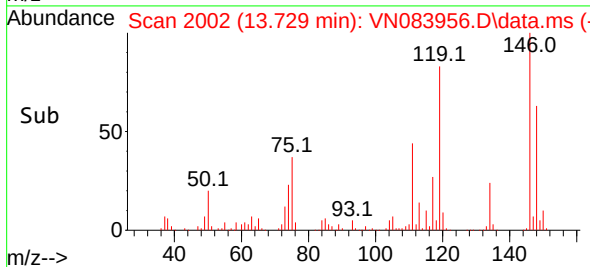
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024

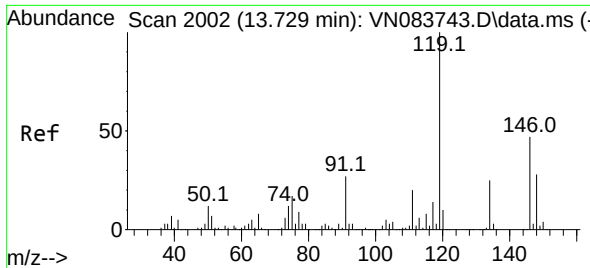


#86
 p-Isopropyltoluene
 Concen: 49.883 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083956.D
 Acq: 17 Sep 2024 19:30



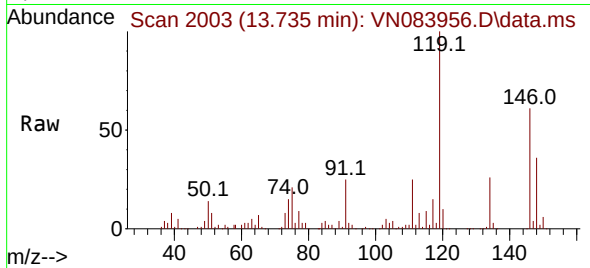
Tgt Ion:119 Resp: 314842
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.3
 91 26.2 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 47.533 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

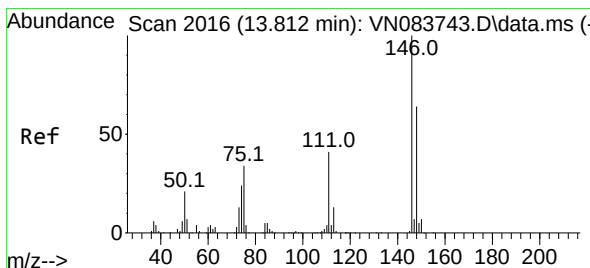
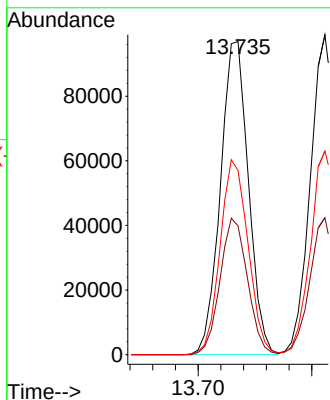
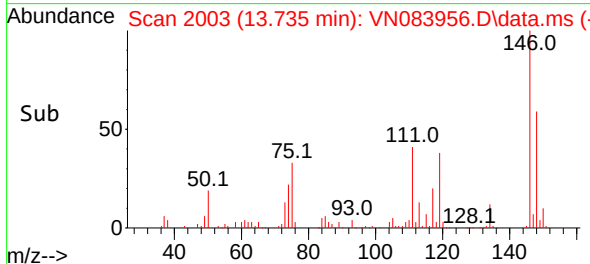
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 166200
Ion Ratio Lower Upper
146 100
111 42.7 21.7 65.1
148 62.2 31.7 95.1

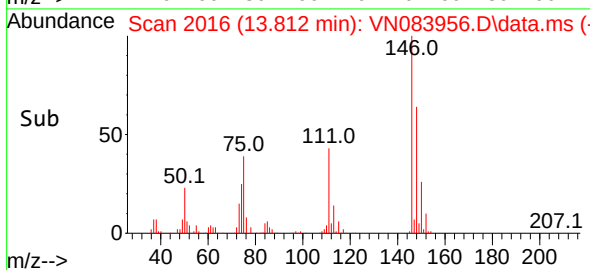
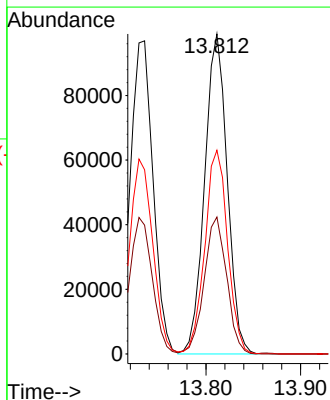
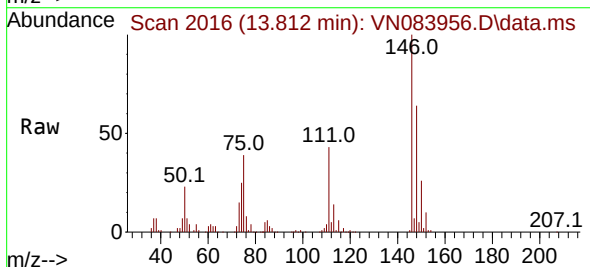
Manual Integrations
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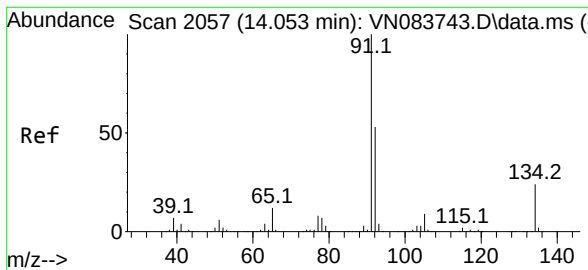
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#88
1,4-Dichlorobenzene
Concen: 46.459 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

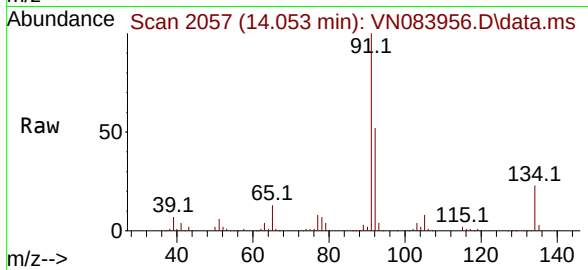
Tgt Ion:146 Resp: 164485
Ion Ratio Lower Upper
146 100
111 42.7 21.3 64.0
148 64.3 32.0 96.2





#89
n-Butylbenzene
Concen: 48.486 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

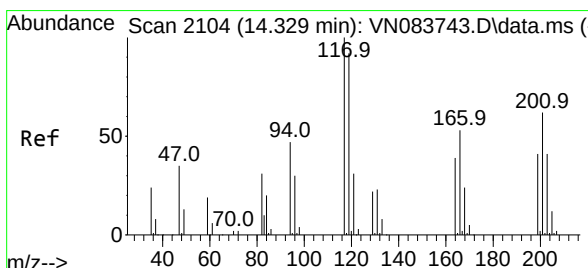
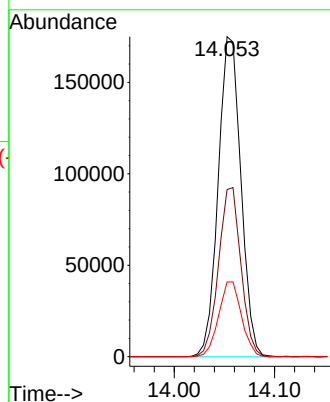
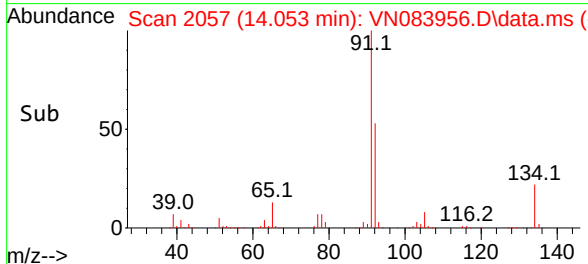
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 274759
Ion Ratio Lower Upper
91 100
92 52.0 26.7 80.1
134 23.5 12.2 36.4

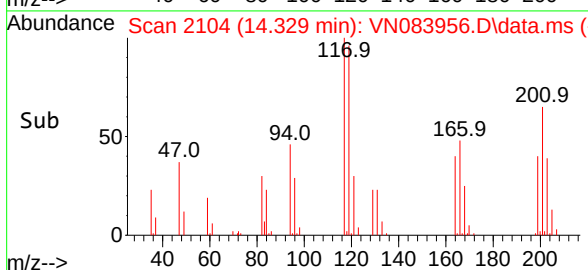
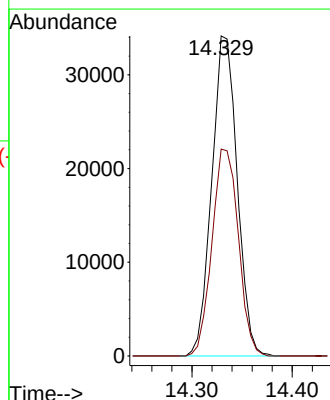
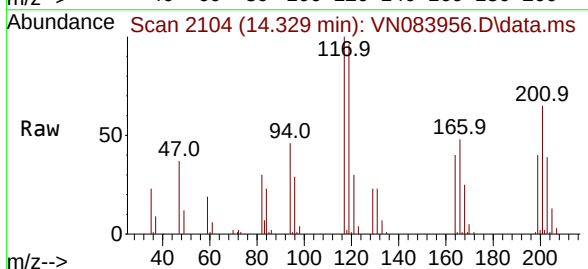
Manual Integrations
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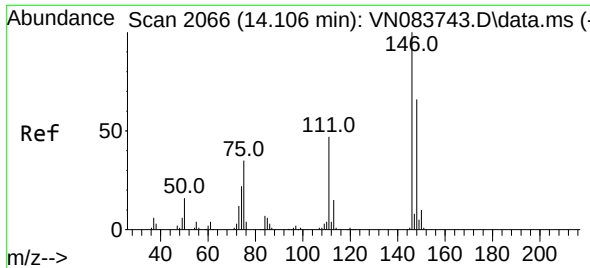
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#90
Hexachloroethane
Concen: 47.318 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

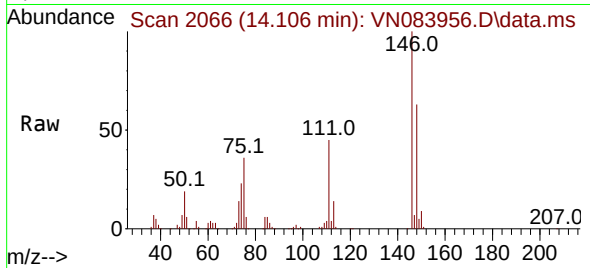
Tgt Ion:117 Resp: 60035
Ion Ratio Lower Upper
117 100
201 67.1 32.8 98.3





#91
1,2-Dichlorobenzene
Concen: 48.018 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

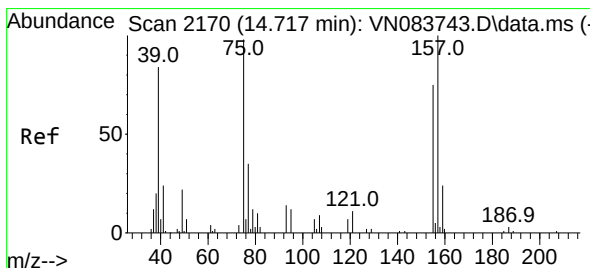
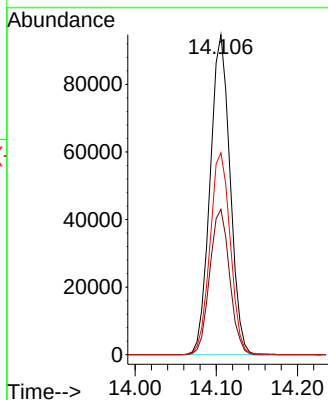
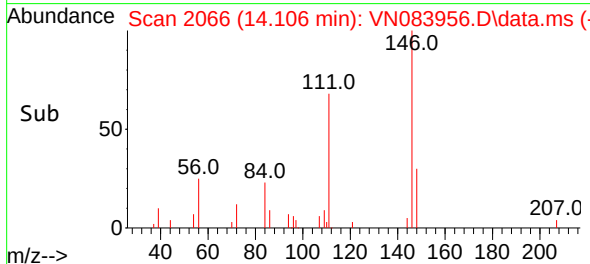
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



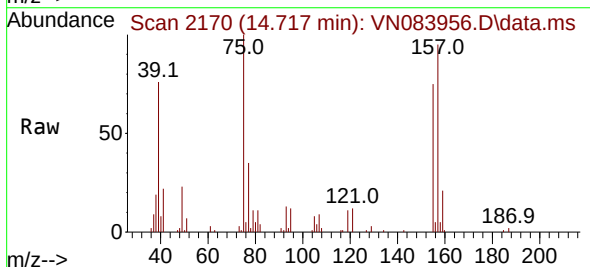
Tgt Ion:146 Resp: 162035
Ion Ratio Lower Upper
146 100
111 45.0 22.8 68.3
148 64.0 32.1 96.5

Manual Integrations
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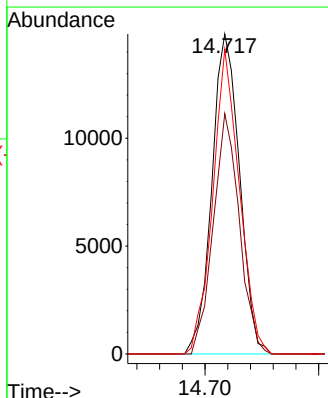
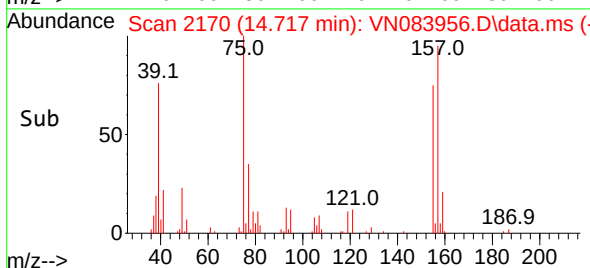
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

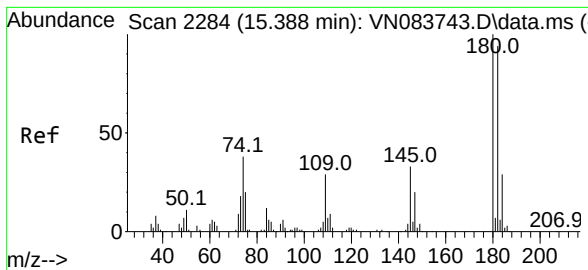


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.600 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30



Tgt Ion: 75 Resp: 25065
Ion Ratio Lower Upper
75 100
155 71.1 35.9 107.7
157 91.9 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 44.384 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

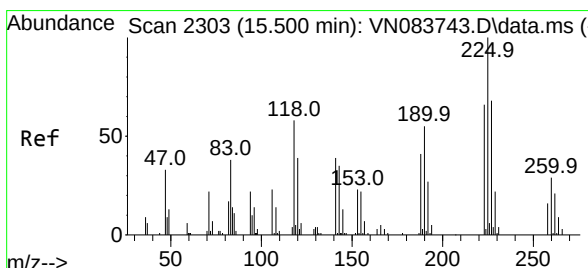
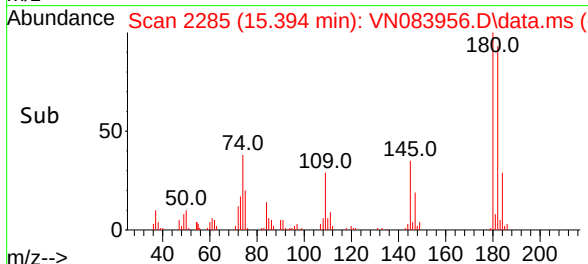
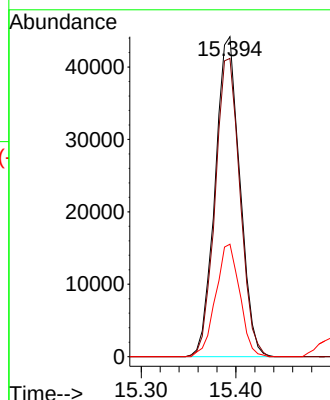
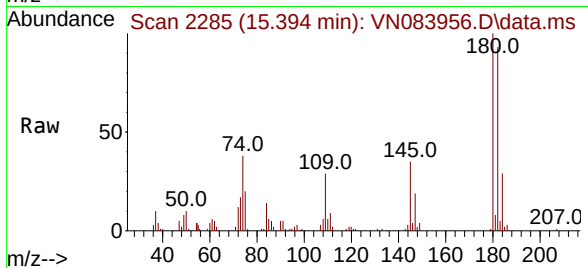
VSTDCCC050EC

Tgt Ion:180 Resp: 8037
Ion Ratio Lower Upper
180 100
182 93.4 48.1 144.3
145 34.2 16.9 50.7

Manual Integrations

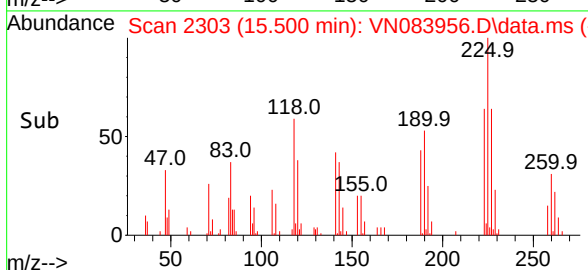
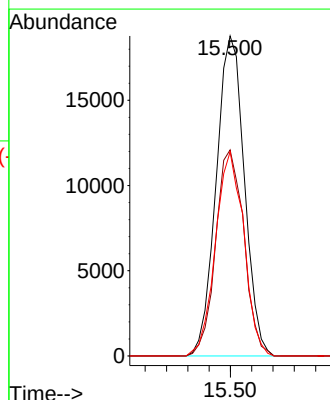
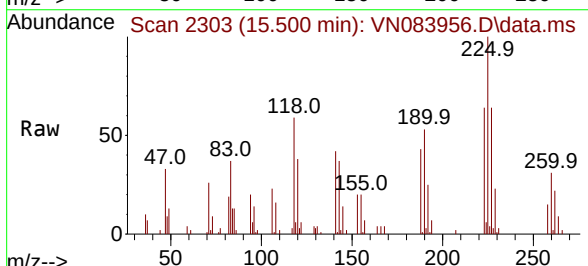
APPROVED

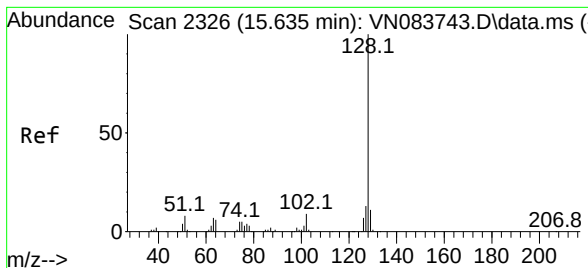
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#94
Hexachlorobutadiene
Concen: 44.816 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

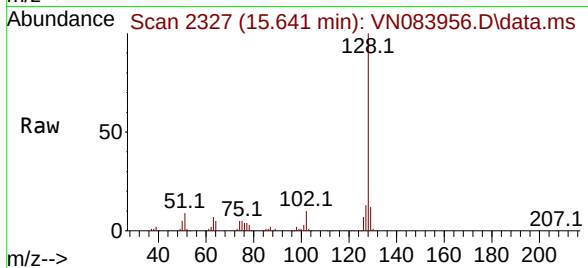
Tgt Ion:225 Resp: 34464
Ion Ratio Lower Upper
225 100
223 64.4 31.9 95.5
227 64.0 32.0 96.2





#95
Naphthalene
Concen: 48.856 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

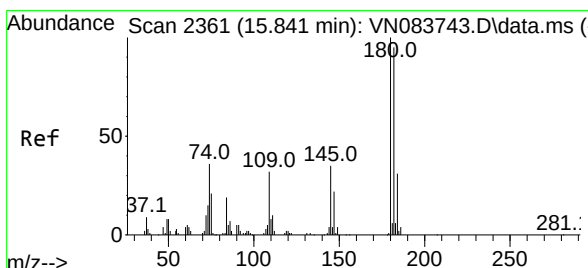
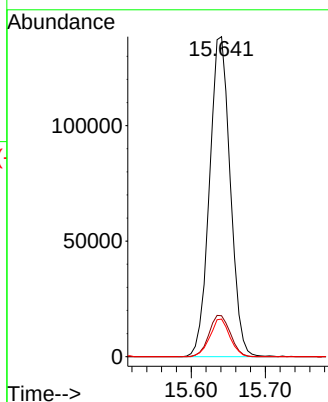
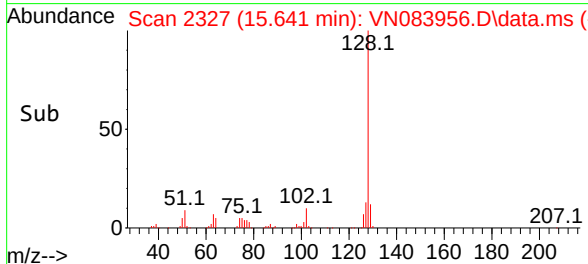
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 26915
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#96
1,2,3-Trichlorobenzene
Concen: 45.484 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083956.D
Acq: 17 Sep 2024 19:30

Tgt Ion:180 Resp: 78714
Ion Ratio Lower Upper
180 100
182 94.8 47.1 141.4
145 35.2 17.8 53.5

