

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083320.D
 Acq On : 15 Aug 2024 10:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 16 01:45:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	158703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135391	59.935	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.880%			
35) Dibromofluoromethane	8.165	113	98232	56.852	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.700%			
50) Toluene-d8	10.565	98	360764	55.973	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.940%			
62) 4-Bromofluorobenzene	12.847	95	140480	55.907	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	87035	48.361	ug/l	95
3) Chloromethane	2.365	50	92639	50.278	ug/l	95
4) Vinyl Chloride	2.512	62	100546	53.479	ug/l	99
5) Bromomethane	2.947	94	56597	48.514	ug/l	90
6) Chloroethane	3.112	64	66640	56.654	ug/l	93
7) Trichlorofluoromethane	3.495	101	169395	54.540	ug/l	95
8) Diethyl Ether	3.959	74	61755	53.434	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	91718	53.562	ug/l	99
10) Methyl Iodide	4.583	142	106214	47.153	ug/l	98
11) Tert butyl alcohol	5.524	59	108997	232.178	ug/l	100
12) 1,1-Dichloroethene	4.336	96	87167	49.548	ug/l	91
13) Acrolein	4.183	56	48758	159.359	ug/l	98
14) Allyl chloride	5.024	41	151636	45.611	ug/l	93
15) Acrylonitrile	5.718	53	266242	275.756	ug/l	98
16) Acetone	4.430	43	234312	265.082	ug/l	99
17) Carbon Disulfide	4.712	76	219711	42.682	ug/l	98
18) Methyl Acetate	5.030	43	149349	56.709	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	340332	53.596	ug/l	99
20) Methylene Chloride	5.277	84	101051	49.673	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	90959	50.025	ug/l	94
22) Diisopropyl ether	6.677	45	348476	55.763	ug/l	98
23) Vinyl Acetate	6.600	43	1766057	275.716	ug/l	96
24) 1,1-Dichloroethane	6.571	63	187978	55.186	ug/l	98
25) 2-Butanone	7.482	43	363536	267.850	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	166698	52.697	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	116573	53.130	ug/l	93
28) Bromochloromethane	7.818	49	74260	53.346	ug/l	87
29) Tetrahydrofuran	7.841	42	235814	268.776	ug/l #	88
30) Chloroform	7.965	83	202991	57.361	ug/l	98
31) Cyclohexane	8.259	56	157926	47.175	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	184643	55.123	ug/l	95
36) 1,1-Dichloropropene	8.371	75	134692	51.532	ug/l	99
37) Ethyl Acetate	7.559	43	147225	50.307	ug/l	95
38) Carbon Tetrachloride	8.365	117	156122	53.032	ug/l	99
39) Methylcyclohexane	9.600	83	155461	48.424	ug/l	95
40) Benzene	8.606	78	418665	53.768	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	84356	50.695	ug/l	95
42) 1,2-Dichloroethane	8.671	62	157902	55.669	ug/l	99
43) Isopropyl Acetate	8.688	43	261204	51.570	ug/l #	94
44) Trichloroethene	9.353	130	96246	51.931	ug/l	91
45) 1,2-Dichloropropane	9.618	63	103606	56.055	ug/l	100
46) Dibromomethane	9.712	93	74403	56.240	ug/l	99
47) Bromodichloromethane	9.888	83	163778	55.135	ug/l	100
48) Methyl methacrylate	9.682	41	127288	52.609	ug/l	92
49) 1,4-Dioxane	9.694	88	47709	1092.978	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	774071	279.705	ug/l	93
52) Toluene	10.629	92	265973	54.062	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	165832	54.348	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	173411	53.431	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	100945	57.254	ug/l	98
56) Ethyl methacrylate	10.876	69	178528	53.712	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	178626	56.840	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	359755	256.060	ug/l	97
59) 2-Hexanone	11.194	43	578306	270.109	ug/l	93
60) Dibromochloromethane	11.359	129	121788	57.133	ug/l	96
61) 1,2-Dibromoethane	11.470	107	101462	54.781	ug/l	98
64) Tetrachloroethene	11.106	164	81709	50.689	ug/l	93
65) Chlorobenzene	11.888	112	285749	53.126	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	103349	54.480	ug/l	99
67) Ethyl Benzene	11.965	91	517688	52.466	ug/l	99
68) m/p-Xylenes	12.070	106	389090	105.269	ug/l	98
69) o-Xylene	12.394	106	193789	53.160	ug/l	99
70) Styrene	12.412	104	334120	54.571	ug/l	98
71) Bromoform	12.576	173	77840	54.165	ug/l #	100
73) Isopropylbenzene	12.694	105	496073	49.798	ug/l	100
74) N-amyl acetate	12.494	43	231110	47.430	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	147860	52.479	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	130143m	49.788	ug/l	
77) Bromobenzene	12.982	156	114086	51.555	ug/l	96
78) n-propylbenzene	13.035	91	584600	50.965	ug/l	100
79) 2-Chlorotoluene	13.123	91	370358	50.926	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	425132	50.975	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	60320	50.197	ug/l	94
82) 4-Chlorotoluene	13.223	91	368395	50.502	ug/l	98
83) tert-Butylbenzene	13.441	119	373924	50.627	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	434391	51.683	ug/l	100
85) sec-Butylbenzene	13.617	105	503295	49.940	ug/l	100
86) p-Isopropyltoluene	13.729	119	427433	51.367	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	212847	51.117	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	214322	51.055	ug/l	98
89) n-Butylbenzene	14.059	91	372931	51.722	ug/l	99
90) Hexachloroethane	14.335	117	77318	48.094	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	206505	51.250	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	33039	48.324	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	113702	50.369	ug/l	98
94) Hexachlorobutadiene	15.500	225	44654	44.479	ug/l	99
95) Naphthalene	15.641	128	397928	49.765	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	111656	49.988	ug/l	97

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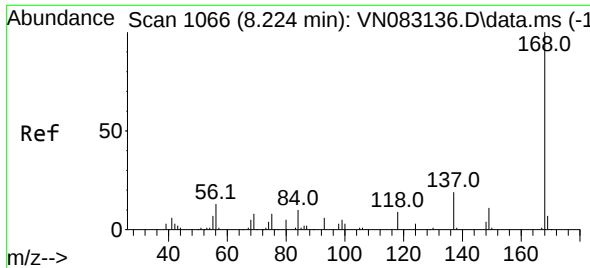
Manual Integrations
APPROVED

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

Quant Time: Aug 16 01:45:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

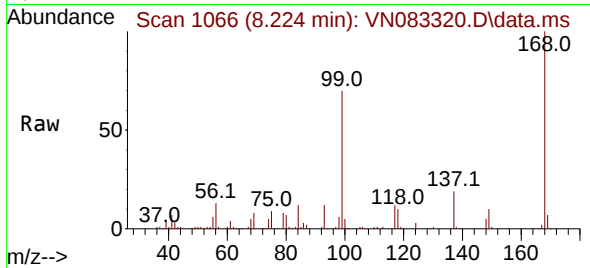
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083320.D
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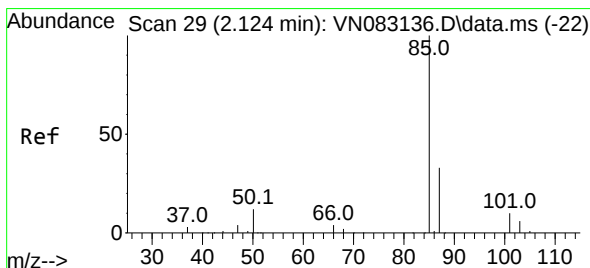
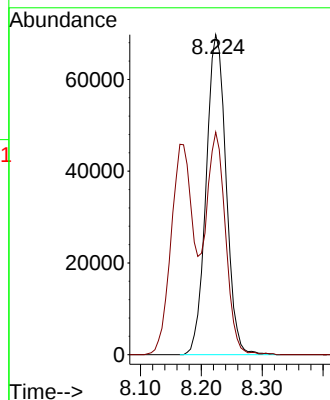
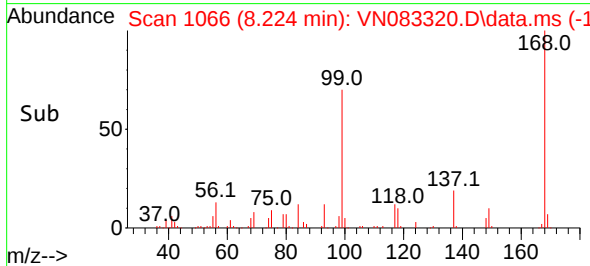
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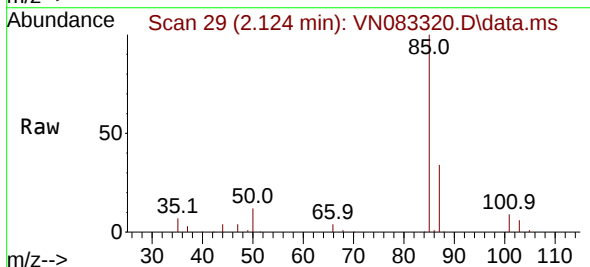
Tgt Ion:168 Resp: 15870
Ion Ratio Lower Upper
168 100
99 69.5 48.2 72.4

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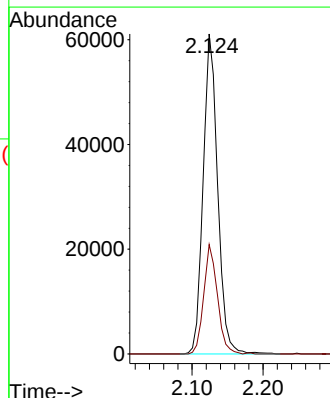
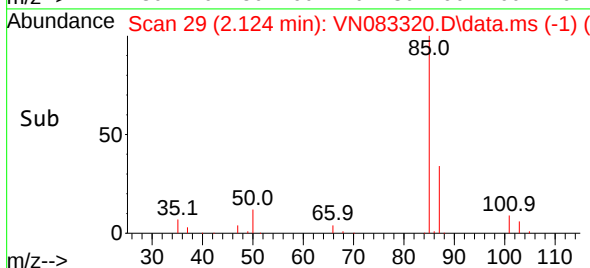
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#2
Dichlorodifluoromethane
Concen: 48.361 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



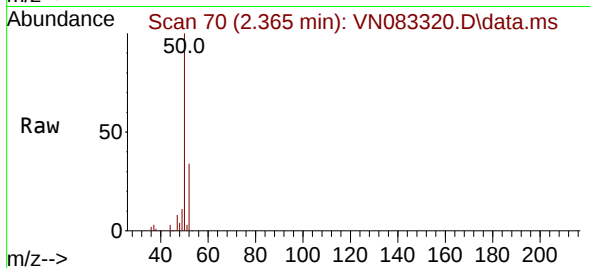
Tgt Ion: 85 Resp: 87035
Ion Ratio Lower Upper
85 100
87 34.2 15.7 47.0





#3
Chloromethane
Concen: 50.278 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

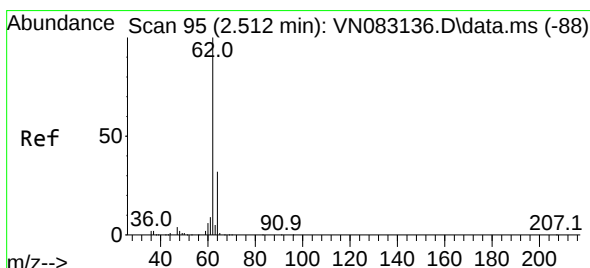
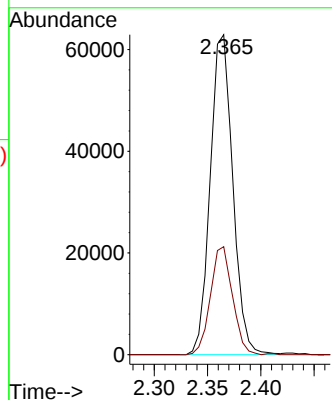
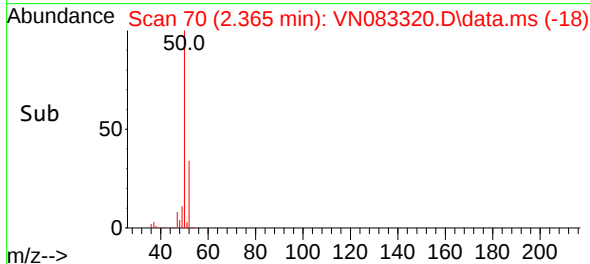
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Tgt Ion: 50 Resp: 92639
Ion Ratio Lower Upper
50 100
52 33.7 25.0 37.4

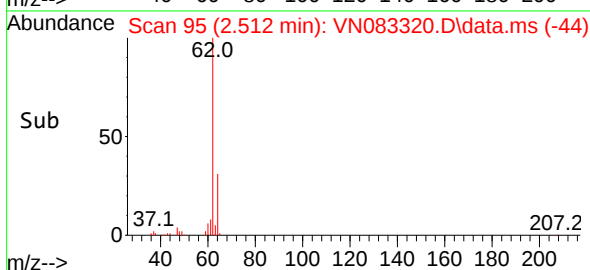
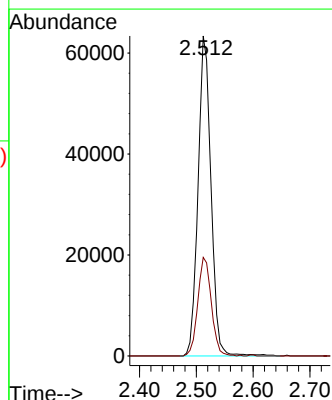
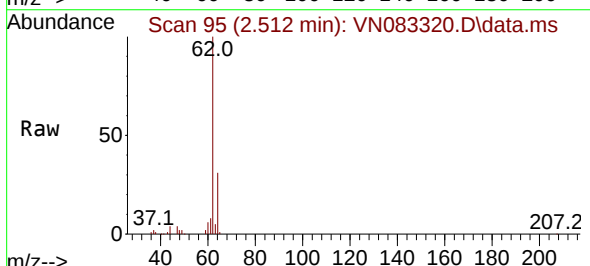
Manual Integrations
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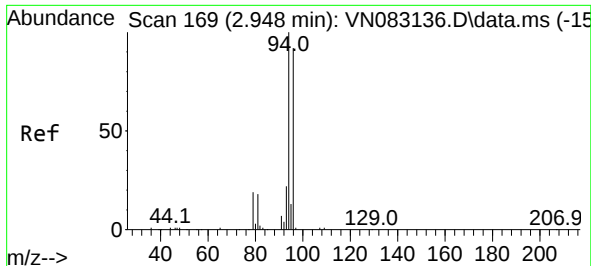
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#4
Vinyl Chloride
Concen: 53.479 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

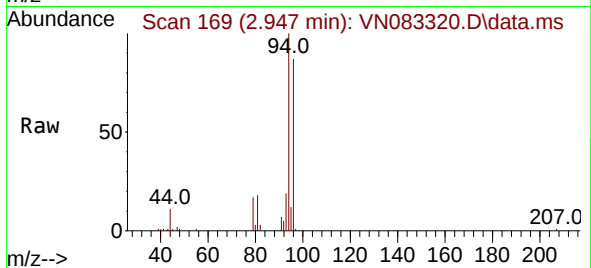
Tgt Ion: 62 Resp: 100546
Ion Ratio Lower Upper
62 100
64 30.8 25.0 37.6





#5
Bromomethane
Concen: 48.514 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

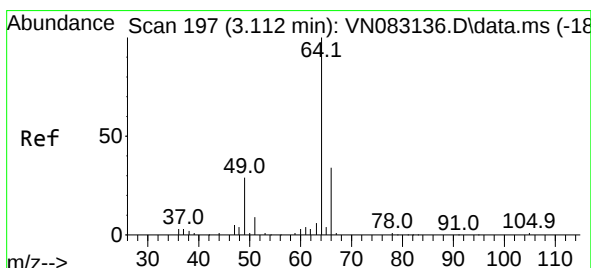
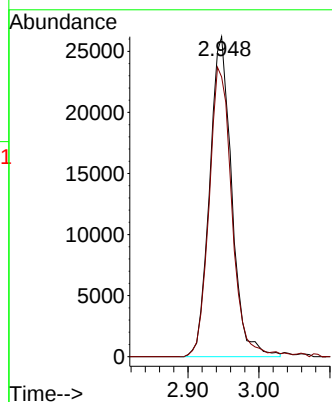
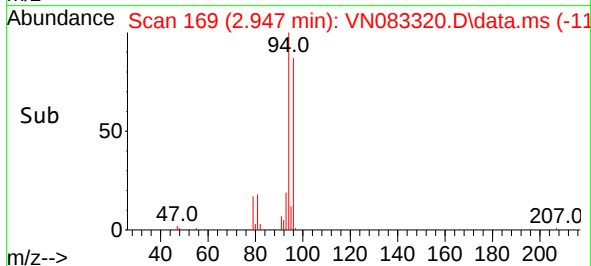
Instrument :
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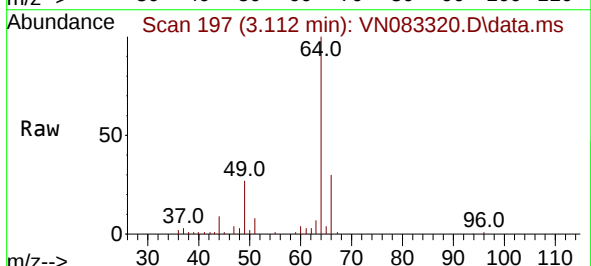
Tgt Ion: 94 Resp: 5659
Ion Ratio Lower Upper
94 100
96 87.4 78.0 117.0

Manual Integrations
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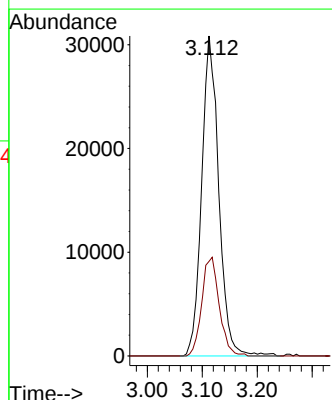
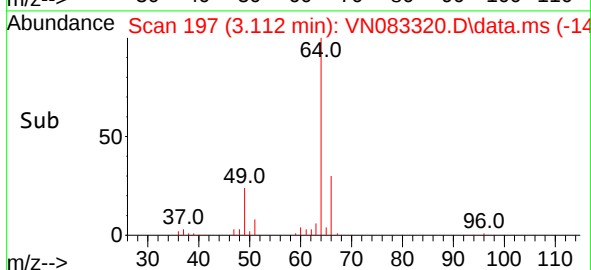
Reviewed By :John Carlone 08/16/2024
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#6
Chloroethane
Concen: 56.654 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



Tgt Ion: 64 Resp: 66640
Ion Ratio Lower Upper
64 100
66 29.6 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 54.540 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN083320.D
 Acq: 15 Aug 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

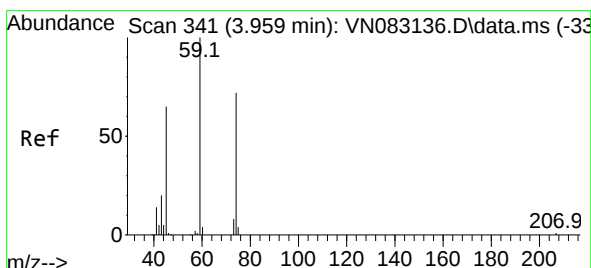
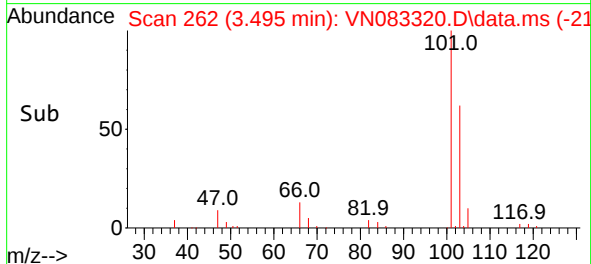
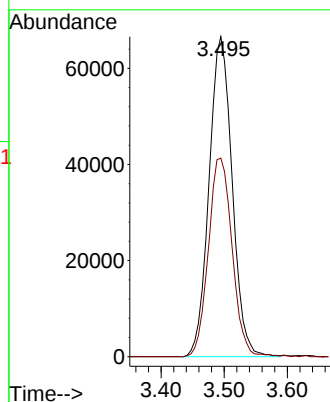
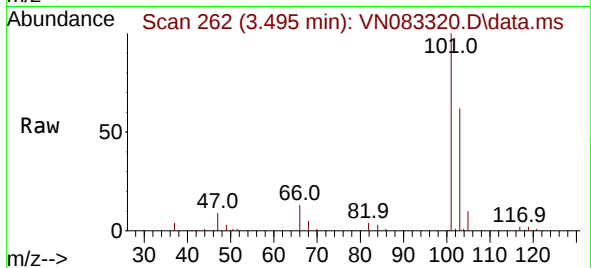
VSTDCCC050

Tgt Ion:101 Resp: 16939
 Ion Ratio Lower Upper
 101 100
 103 62.0 52.7 79.1

Manual Integrations

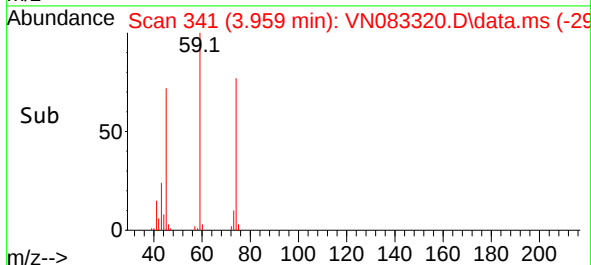
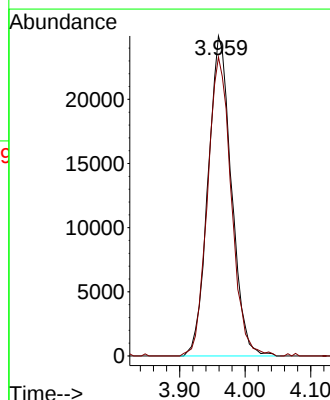
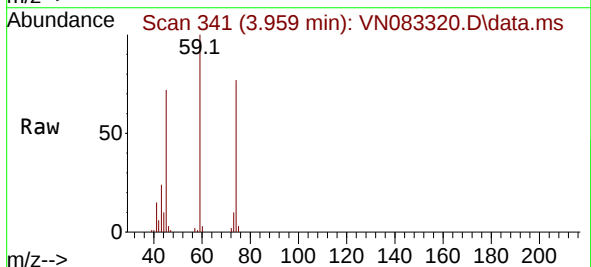
APPROVED

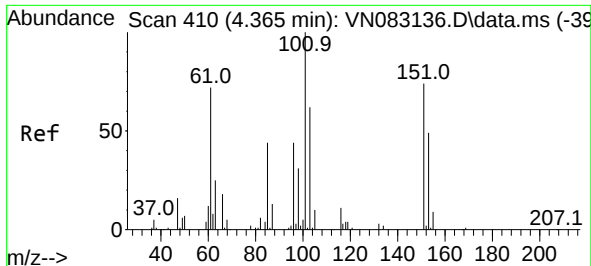
Reviewed By :John Carlone 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024



#8
 Diethyl Ether
 Concen: 53.434 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN083320.D
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Tgt Ion: 74 Resp: 61755
 Ion Ratio Lower Upper
 74 100
 45 94.9 55.5 166.3





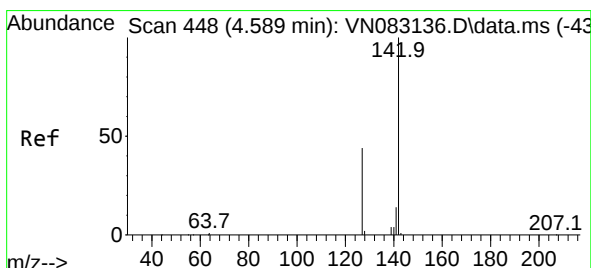
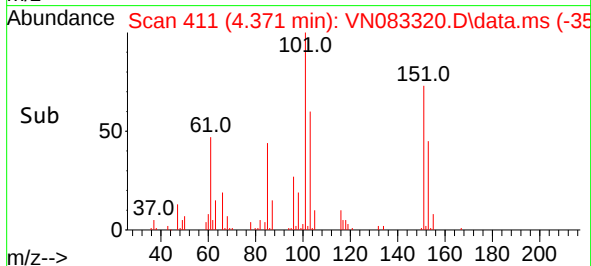
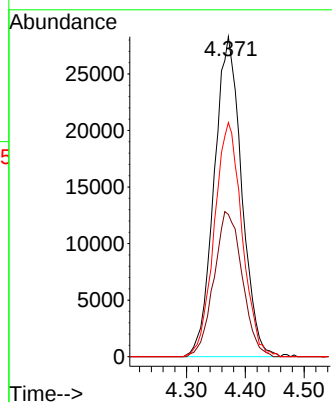
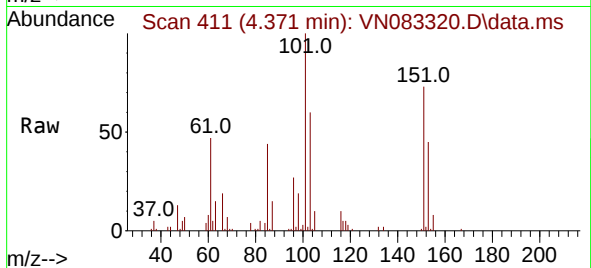
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.562 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN083320.D
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Tgt Ion:101 Resp: 91718
Ion Ratio Lower Upper
101 100
85 46.8 38.3 57.5
151 74.1 59.3 88.9

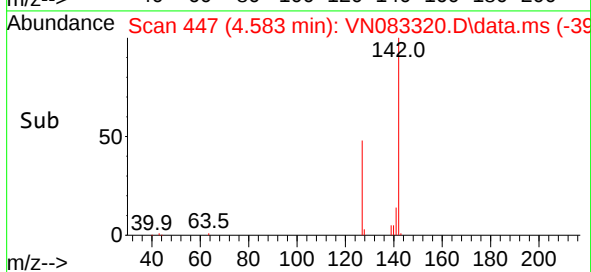
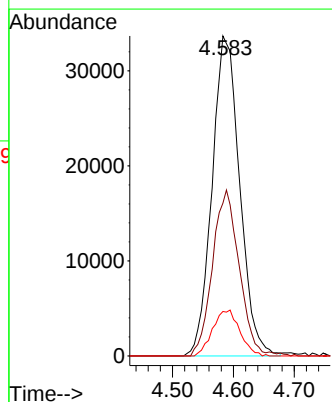
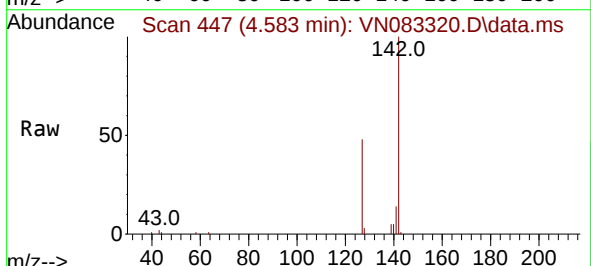
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 47.153 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

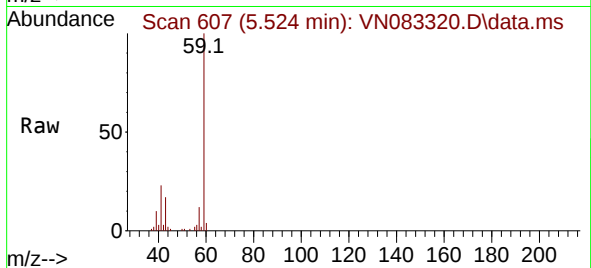
Tgt Ion:142 Resp: 106214
Ion Ratio Lower Upper
142 100
127 47.7 37.5 56.3
141 13.9 13.1 19.7





#11
Tert butyl alcohol
Concen: 232.178 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

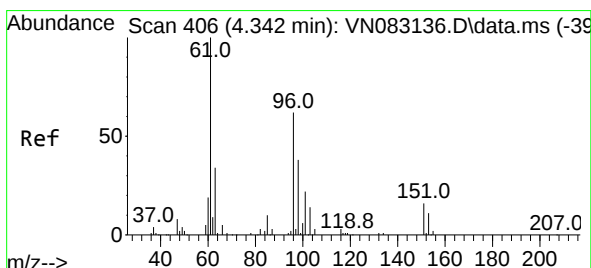
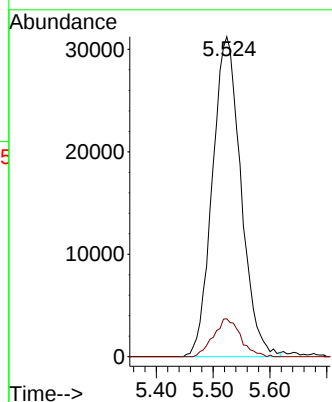
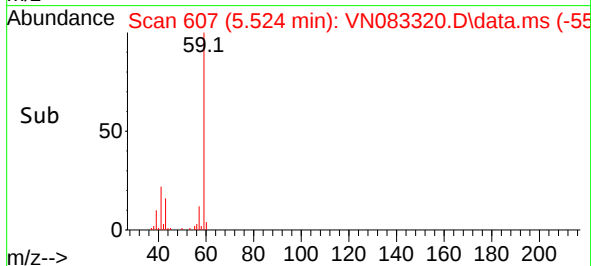
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 108997
Ion Ratio Lower Upper
59 100
57 11.3 8.9 13.3

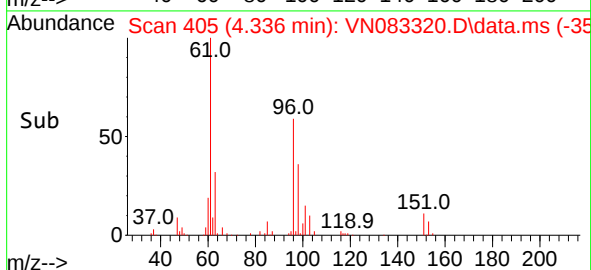
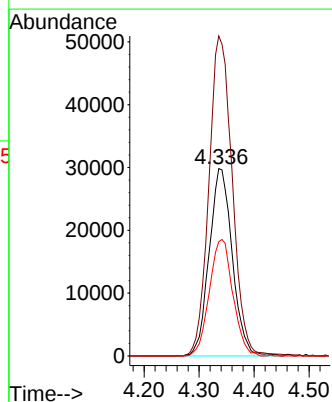
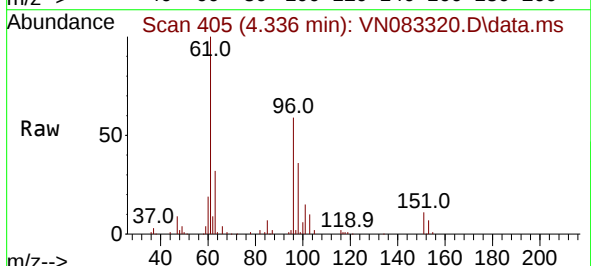
Manual Integrations
APPROVED

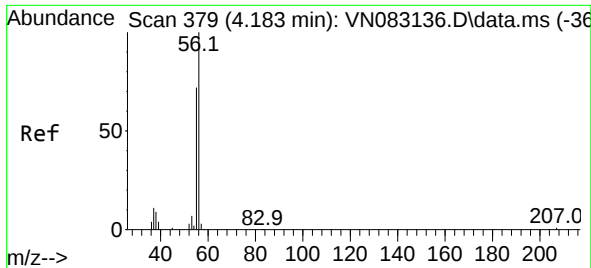
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#12
1,1-Dichloroethene
Concen: 49.548 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

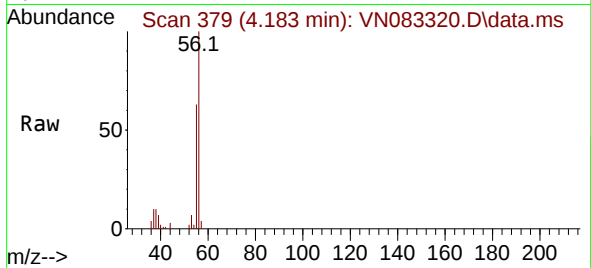
Tgt Ion: 96 Resp: 87167
Ion Ratio Lower Upper
96 100
61 170.7 149.7 224.5
98 60.9 50.1 75.1





#13
Acrolein
Concen: 159.359 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

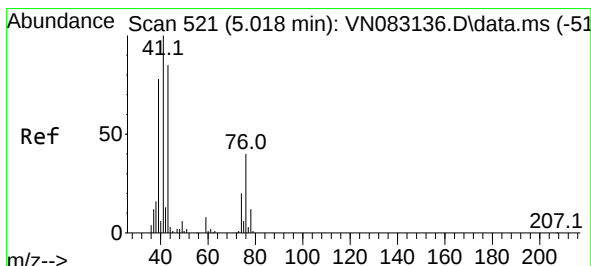
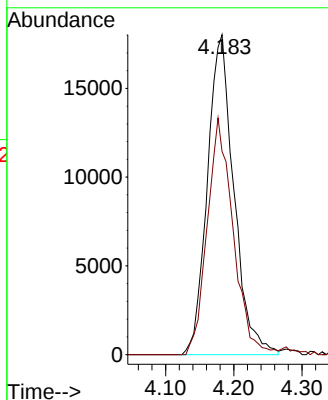
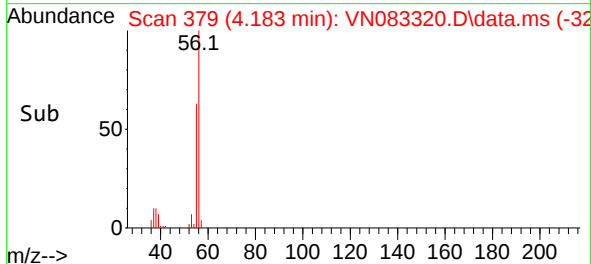
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



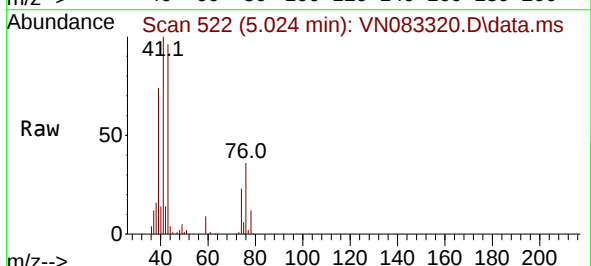
Tgt Ion: 56 Resp: 48758
Ion Ratio Lower Upper
56 100
55 72.3 56.4 84.6

Manual Integrations
APPROVED

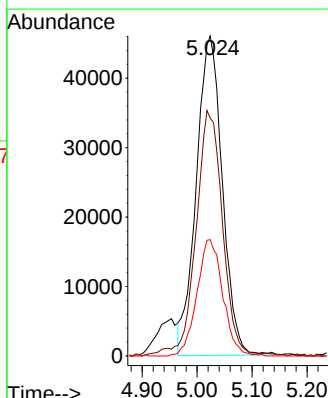
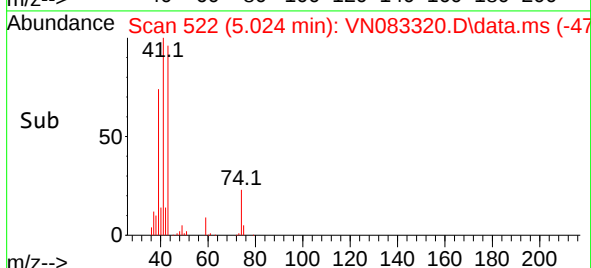
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#14
Allyl chloride
Concen: 45.611 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



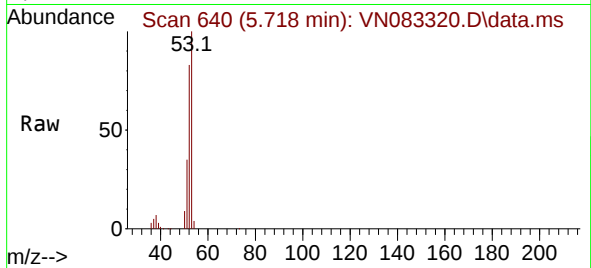
Tgt Ion: 41 Resp: 151636
Ion Ratio Lower Upper
41 100
39 78.0 67.8 101.6
76 36.1 25.8 38.8





#15
Acrylonitrile
Concen: 275.756 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

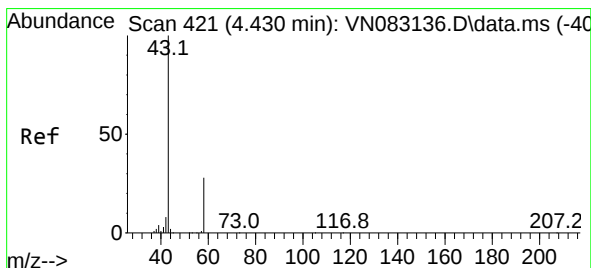
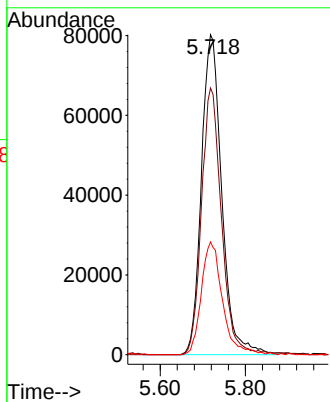
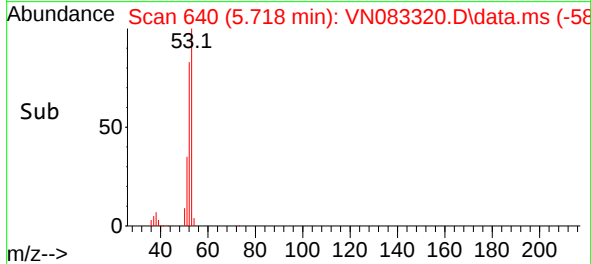
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



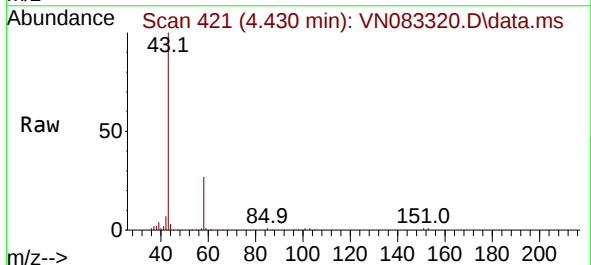
Tgt Ion: 53 Resp: 26624
Ion Ratio Lower Upper
53 100
52 81.7 66.6 100.0
51 36.5 30.1 45.1

Manual Integrations
APPROVED

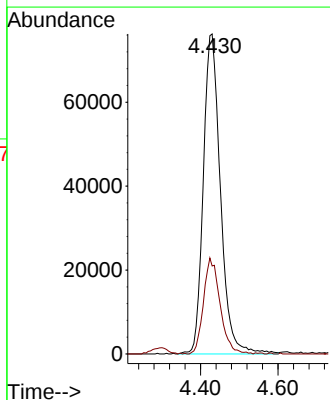
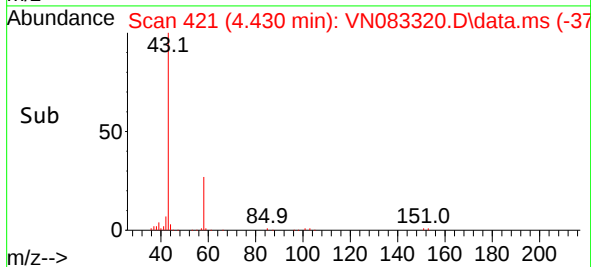
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#16
Acetone
Concen: 265.082 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



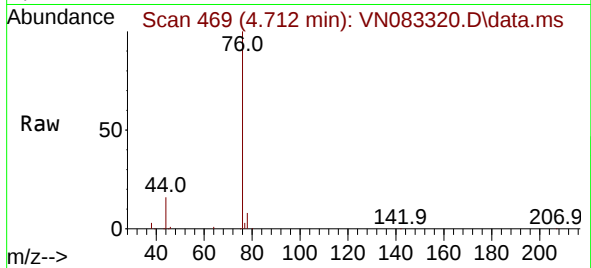
Tgt Ion: 43 Resp: 234312
Ion Ratio Lower Upper
43 100
58 27.5 21.8 32.6





#17
Carbon Disulfide
Concen: 42.682 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

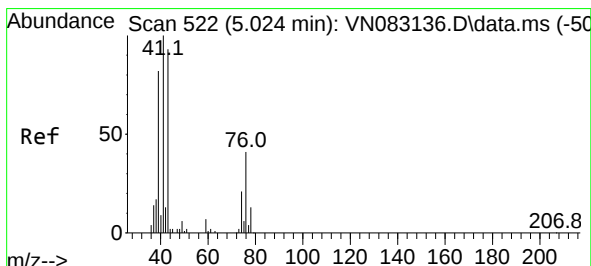
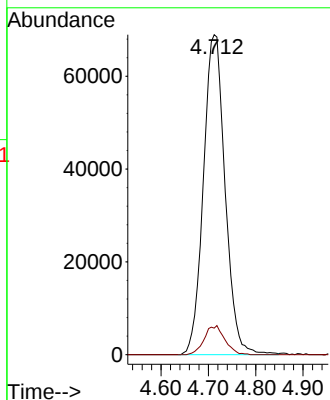
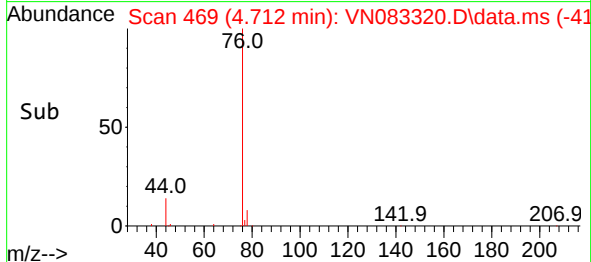
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



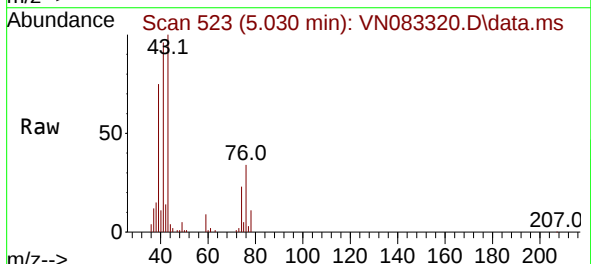
Tgt Ion: 76 Resp: 21971
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8

Manual Integrations
APPROVED

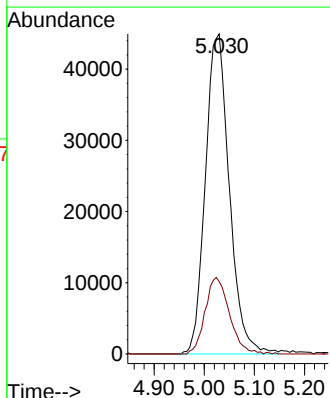
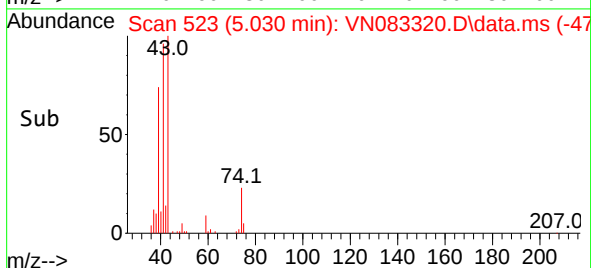
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

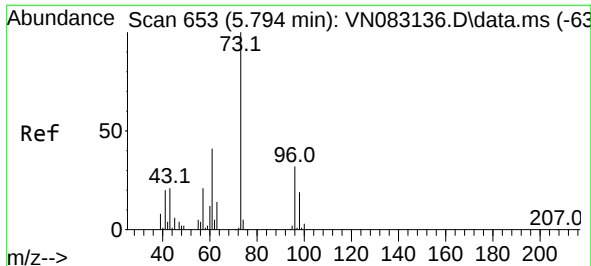


#18
Methyl Acetate
Concen: 56.709 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



Tgt Ion: 43 Resp: 149349
Ion Ratio Lower Upper
43 100
74 24.1 16.3 24.5





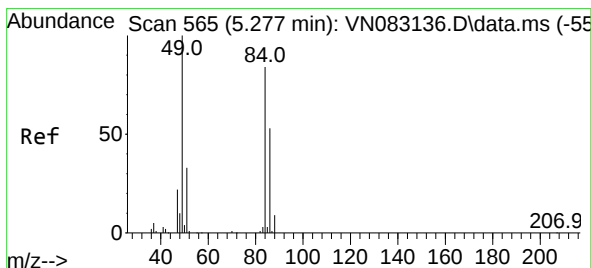
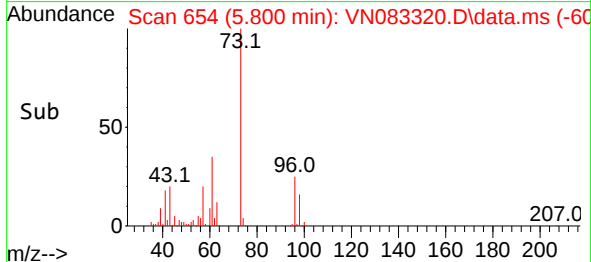
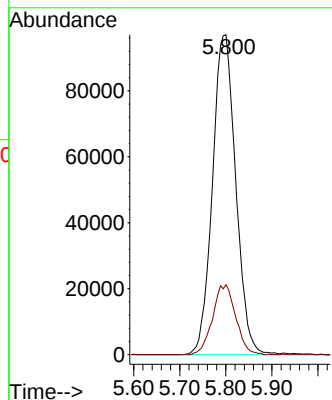
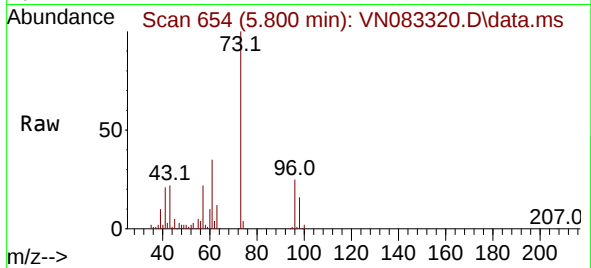
#19
Methyl tert-butyl Ether
Concen: 53.596 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 34033
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9

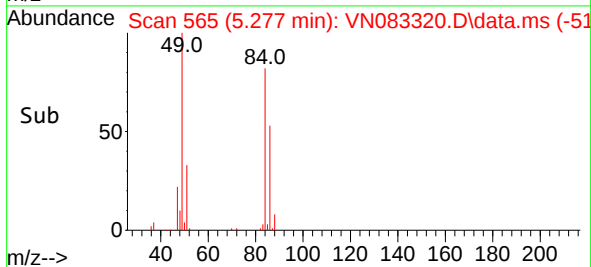
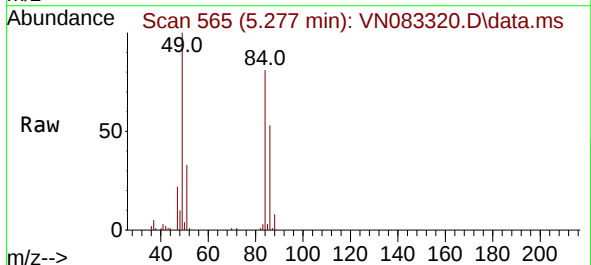
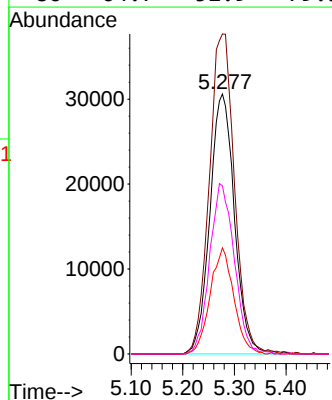
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 49.673 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

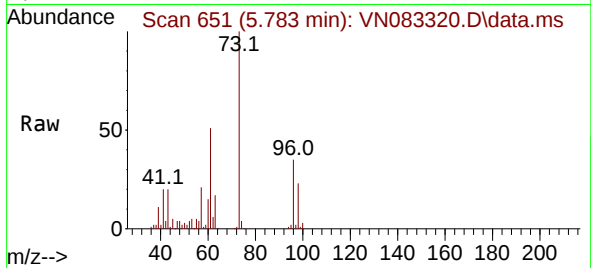
Tgt Ion: 84 Resp: 101051
Ion Ratio Lower Upper
84 100
49 123.1 119.6 179.4
51 40.8 34.8 52.2
86 64.7 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 50.025 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

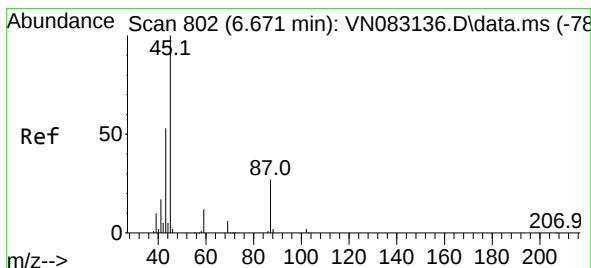
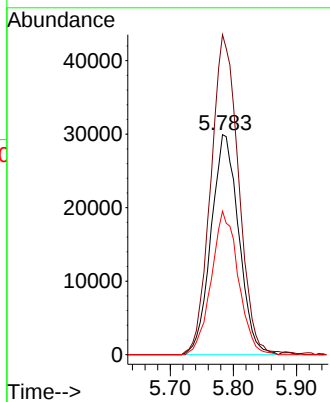
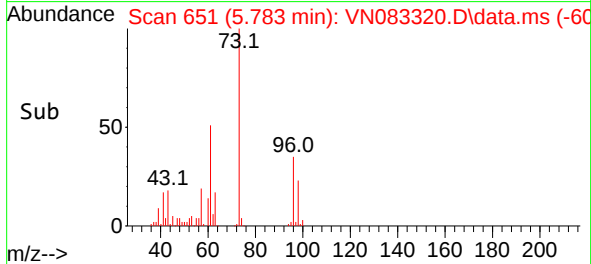
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 90959
Ion Ratio Lower Upper
96 100
61 145.4 123.4 185.2
98 65.3 49.3 73.9

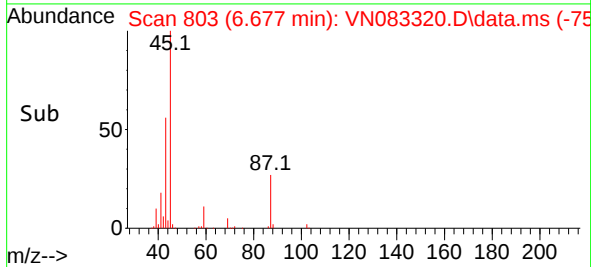
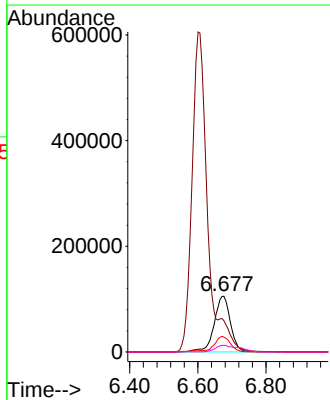
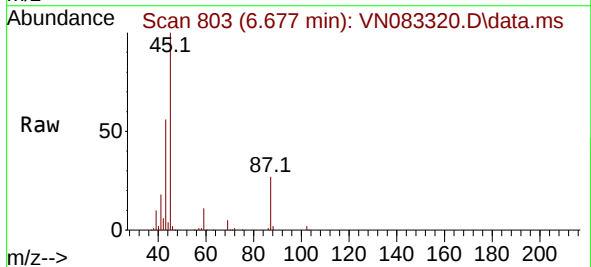
Manual Integrations
APPROVED

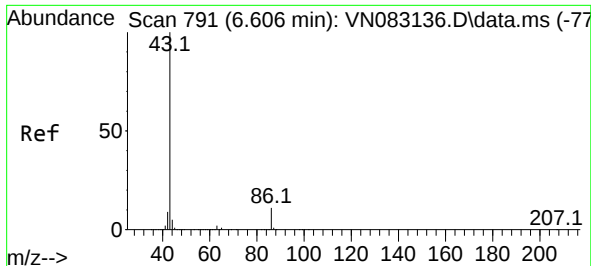
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#22
Diisopropyl ether
Concen: 55.763 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

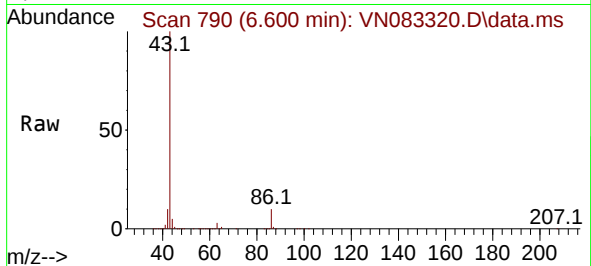
Tgt Ion: 45 Resp: 348476
Ion Ratio Lower Upper
45 100
43 55.5 44.0 66.0
87 26.6 19.7 29.5
59 11.4 8.5 12.7





#23
 Vinyl Acetate
 Concen: 275.716 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083320.D
 Acq: 15 Aug 2024 10:26

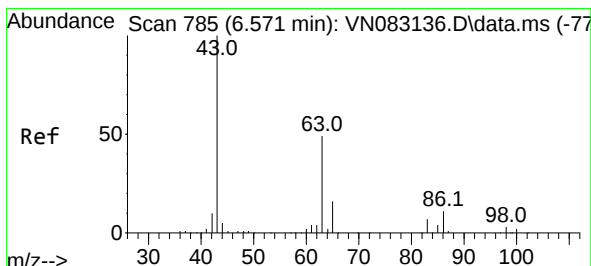
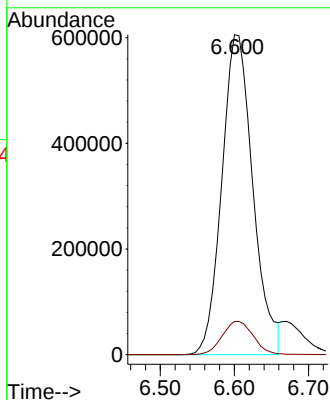
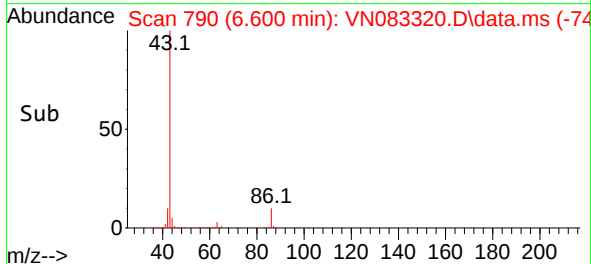
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



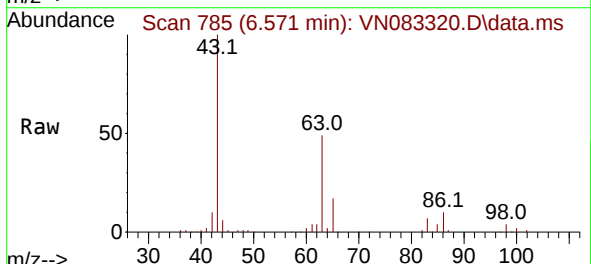
Tgt Ion: 43 Resp: 176605
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.3 10.9

Manual Integrations
 APPROVED

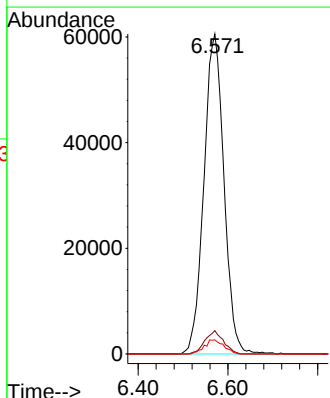
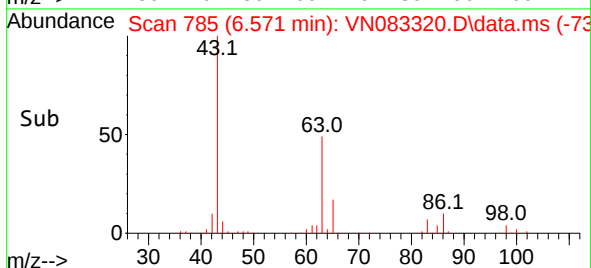
Reviewed By :John Carlone 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

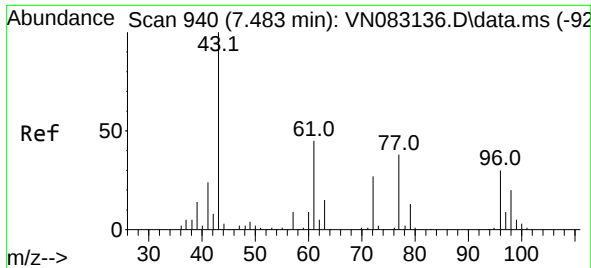


#24
 1,1-Dichloroethane
 Concen: 55.186 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN083320.D
 Acq: 15 Aug 2024 10:26



Tgt Ion: 63 Resp: 187978
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.4 2.0 6.0





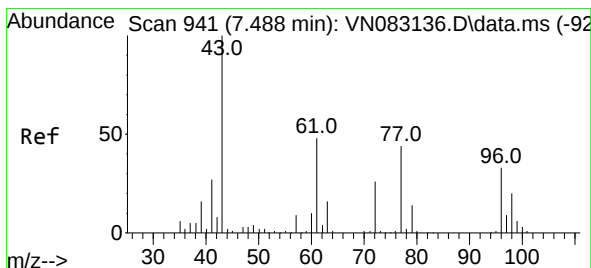
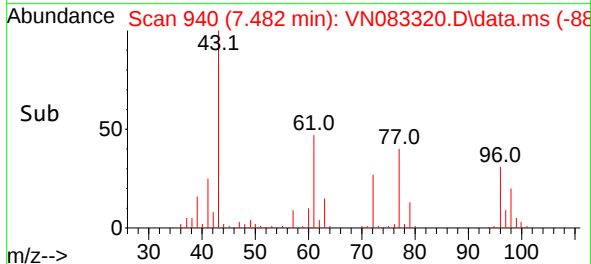
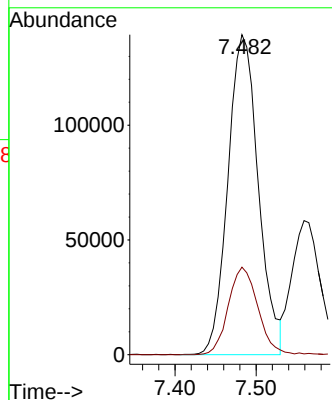
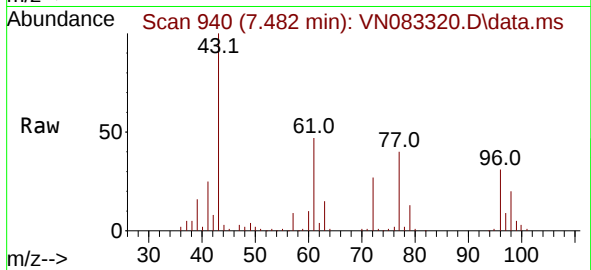
#25
2-Butanone
Concen: 267.850 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 363530
Ion Ratio Lower Upper
43 100
72 27.3 18.2 27.2

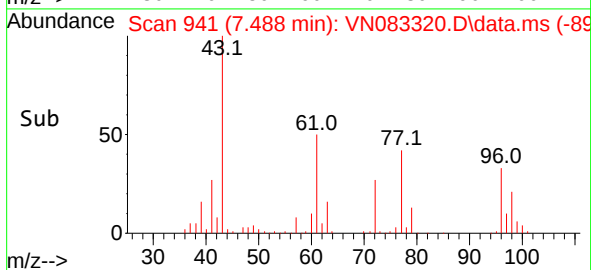
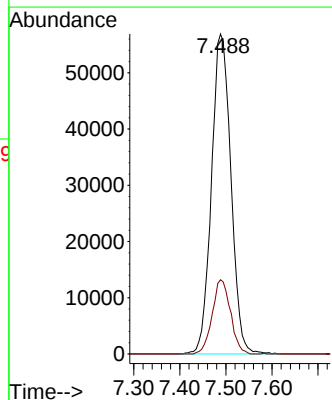
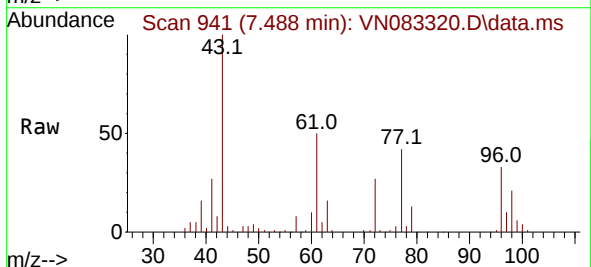
Manual Integrations
APPROVED

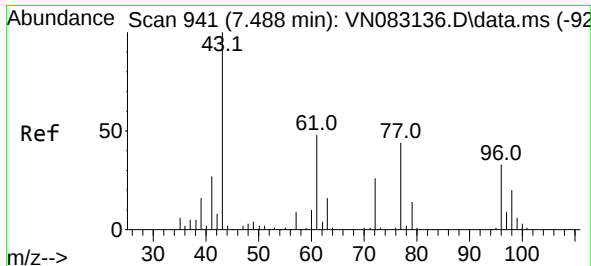
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#26
2,2-Dichloropropane
Concen: 52.697 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

Tgt Ion: 77 Resp: 166698
Ion Ratio Lower Upper
77 100
97 21.8 10.3 30.9





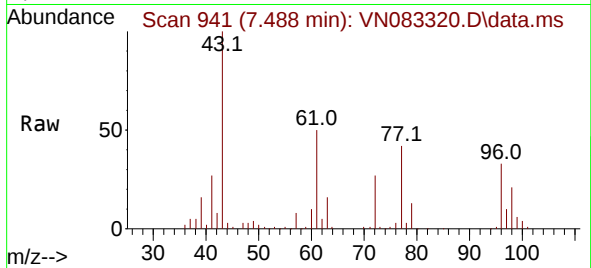
#27
 cis-1,2-Dichloroethene
 Concen: 53.130 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN083320.D
 Acq: 15 Aug 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



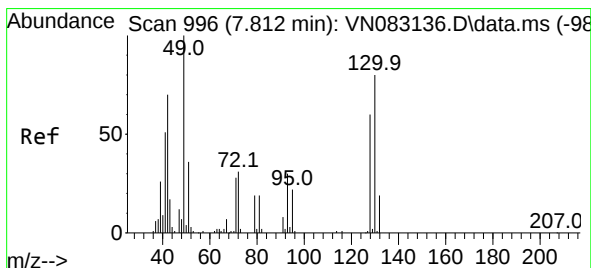
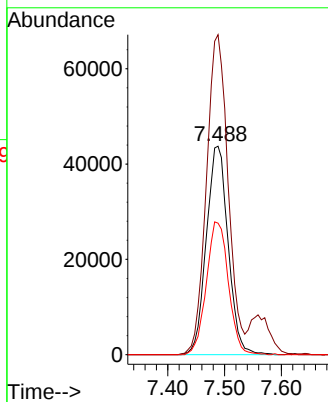
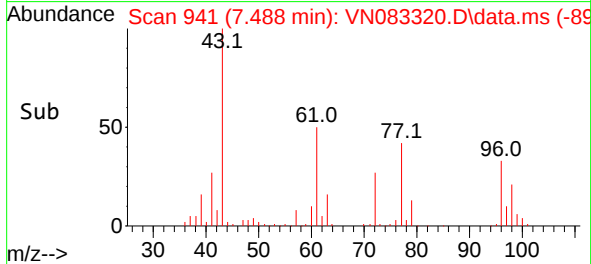
Tgt Ion: 96 Resp: 11657
 Ion Ratio Lower Upper
 96 100
 61 152.7 0.0 329.6
 98 64.5 0.0 128.6

Manual Integrations

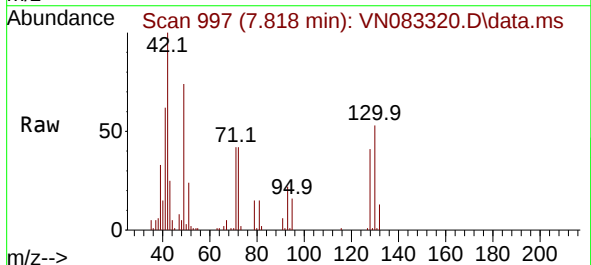
APPROVED

Reviewed By :John Carlone 08/16/2024

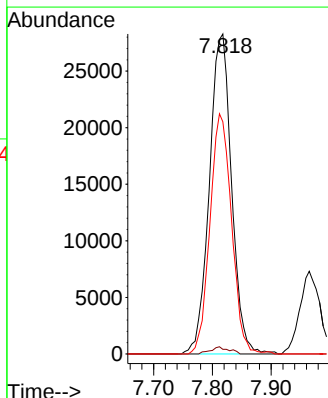
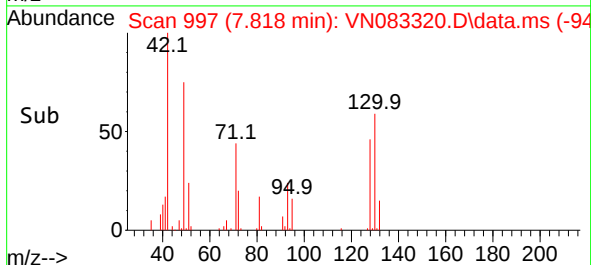
Supervised By :Mahesh Dadoda 08/16/2024

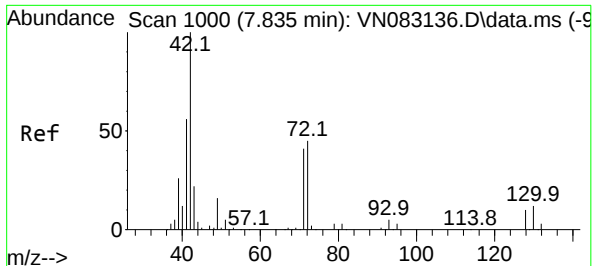


#28
 Bromochloromethane
 Concen: 53.346 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN083320.D
 Acq: 15 Aug 2024 10:26



Tgt Ion: 49 Resp: 74260
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 73.1 50.5 75.7





#29

Tetrahydrofuran

Concen: 268.776 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083320.D

Acq: 15 Aug 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 235814

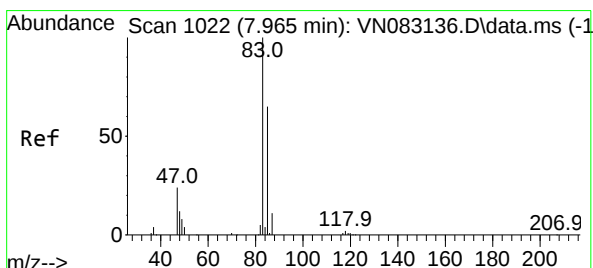
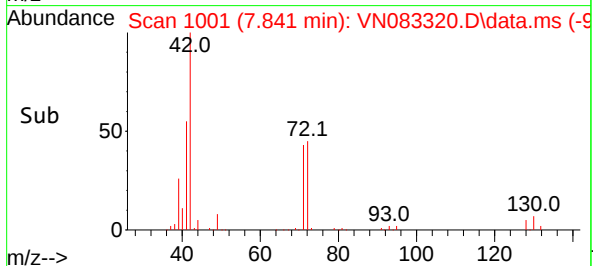
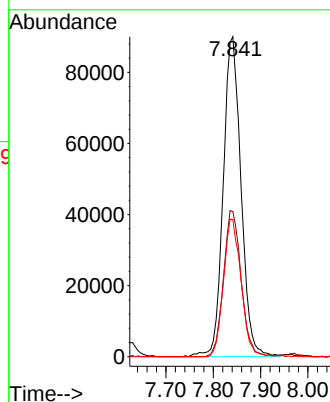
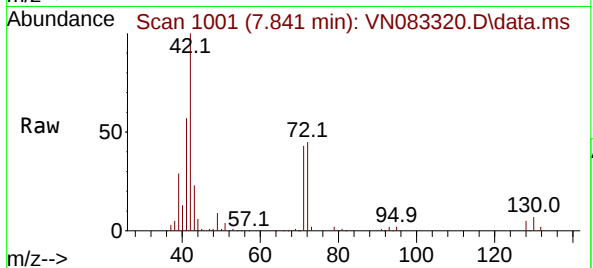
Ion	Ratio	Lower	Upper
42	100		
72	45.1	30.0	45.0
71	42.3	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#30

Chloroform

Concen: 57.361 ug/l

RT: 7.965 min Scan# 1022

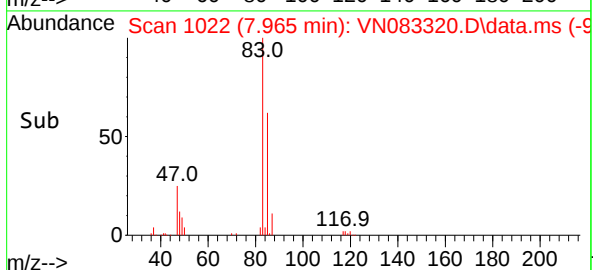
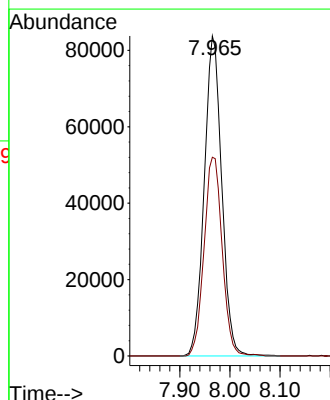
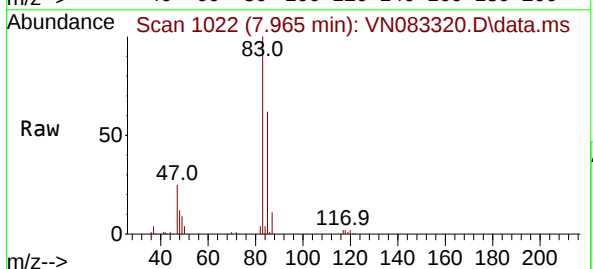
Delta R.T. -0.000 min

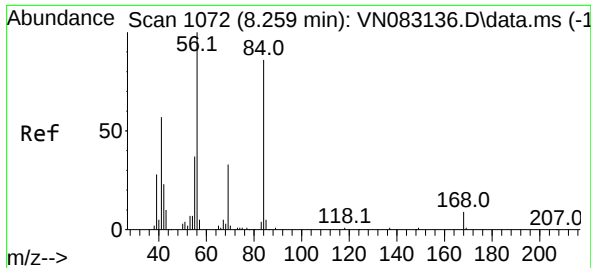
Lab File: VN083320.D

Acq: 15 Aug 2024 10:26

Tgt Ion: 83 Resp: 202991

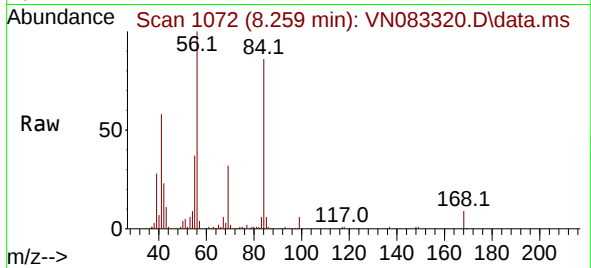
Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.9	76.3





#31
Cyclohexane
Concen: 47.175 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

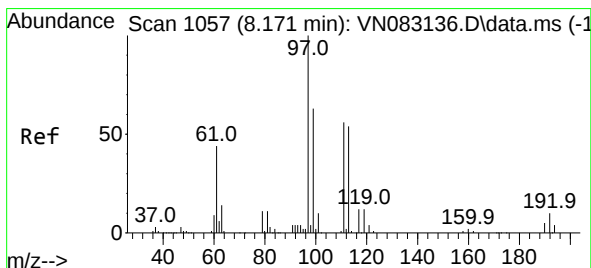
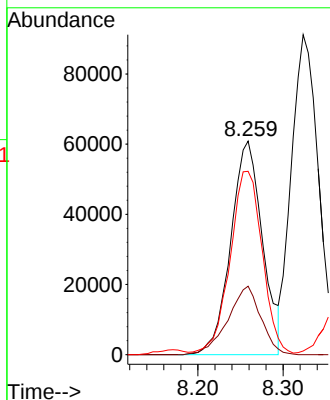
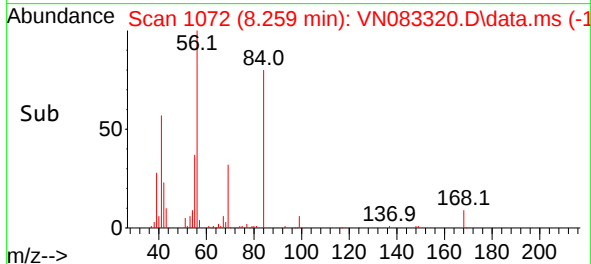
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



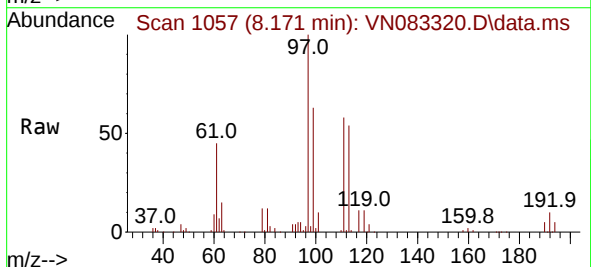
Tgt Ion: 56 Resp: 157920
Ion Ratio Lower Upper
56 100
69 32.0 24.5 36.7
84 83.7 66.0 99.0

Manual Integrations
APPROVED

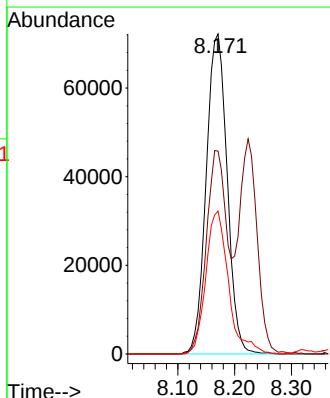
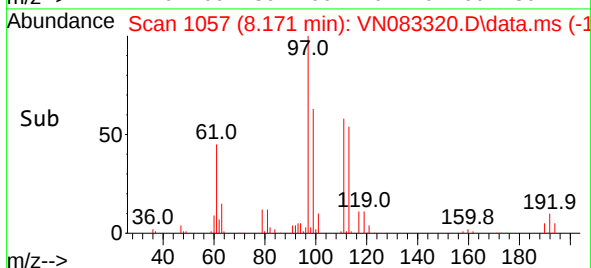
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

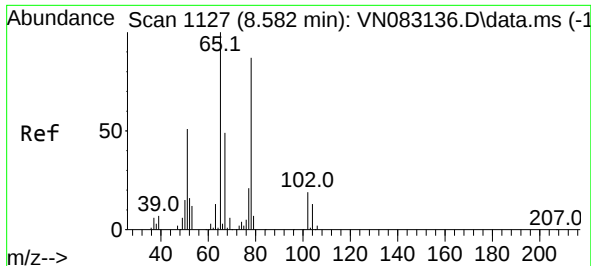


#32
1,1,1-Trichloroethane
Concen: 55.123 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



Tgt Ion: 97 Resp: 184643
Ion Ratio Lower Upper
97 100
99 62.0 52.0 78.0
61 48.4 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 59.935 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083320.D

Acq: 15 Aug 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 13539

Ion Ratio Lower Upper

65 100

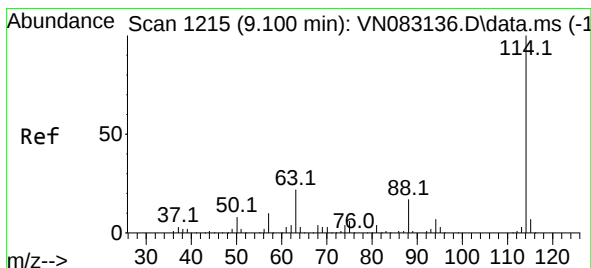
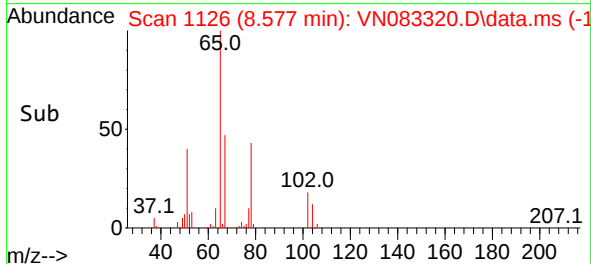
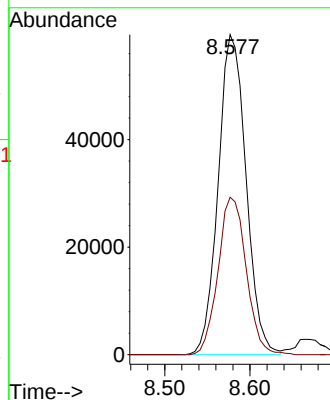
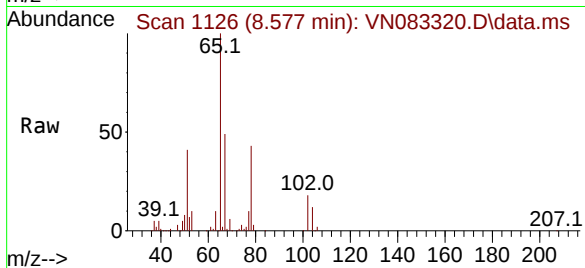
67 49.7 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083320.D

Acq: 15 Aug 2024 10:26

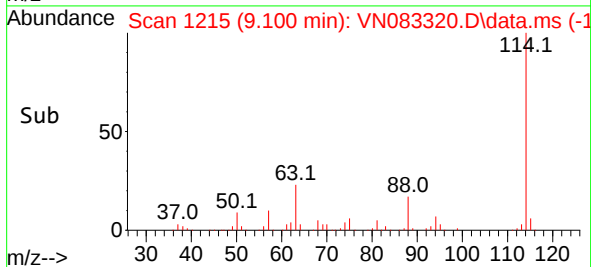
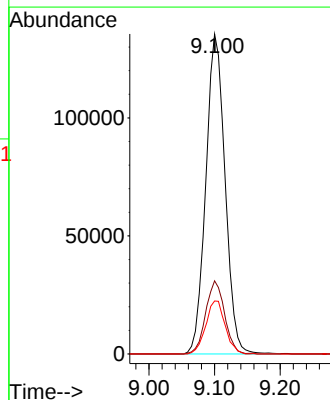
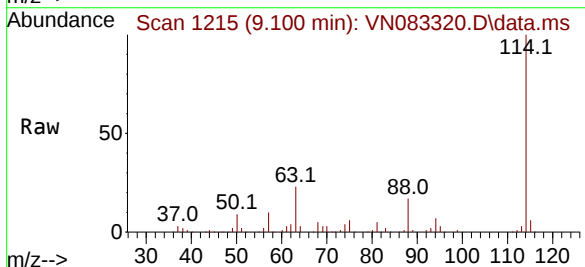
Tgt Ion:114 Resp: 276821

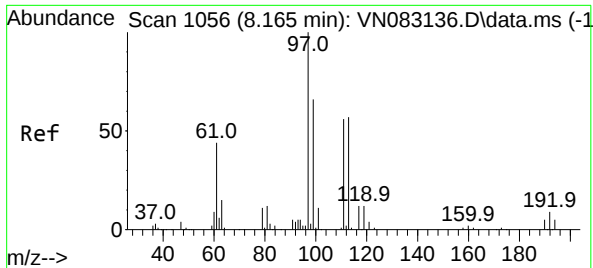
Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

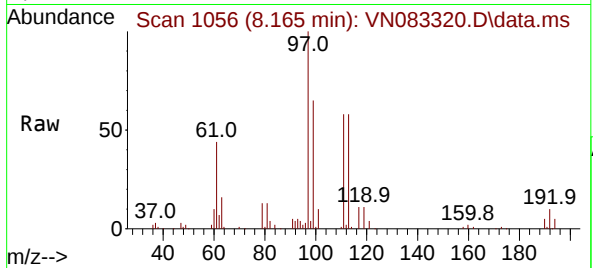
88 16.6 0.0 31.4





#35
Dibromofluoromethane
Concen: 56.852 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

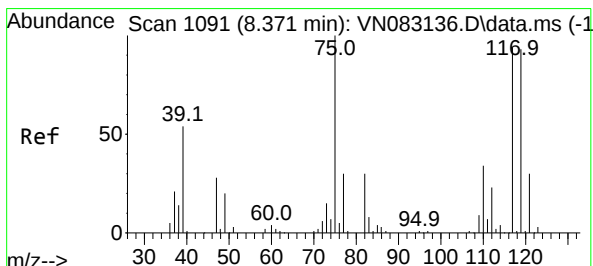
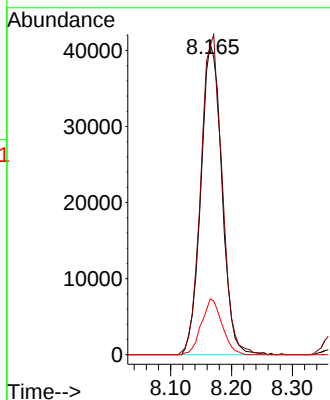
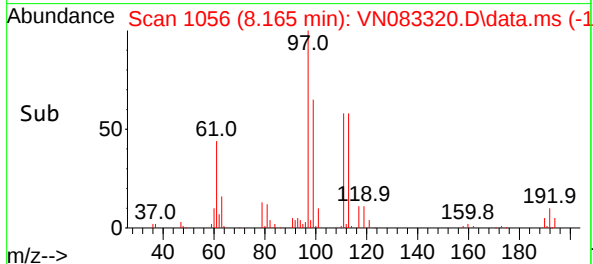
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



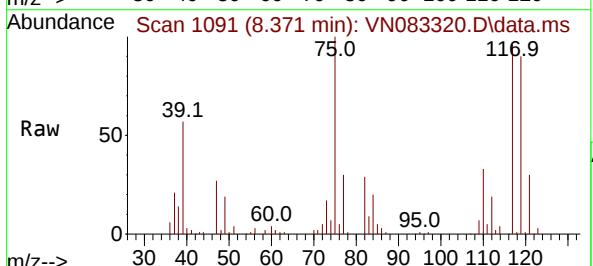
Tgt Ion: 113 Resp: 9823
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 17.5 14.9 22.3

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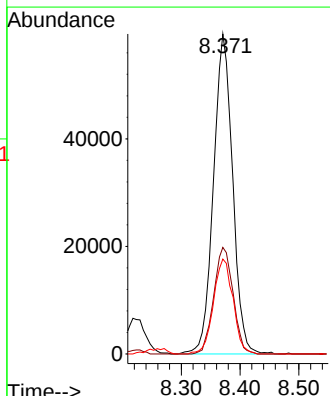
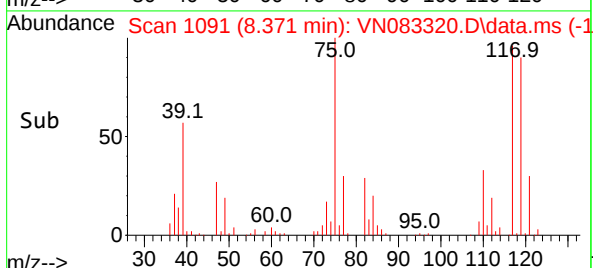
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#36
1,1-Dichloropropene
Concen: 51.532 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



Tgt Ion: 75 Resp: 134692
Ion Ratio Lower Upper
75 100
110 33.6 16.3 48.9
77 30.3 24.6 37.0





#37

Ethyl Acetate

Concen: 50.307 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083320.D

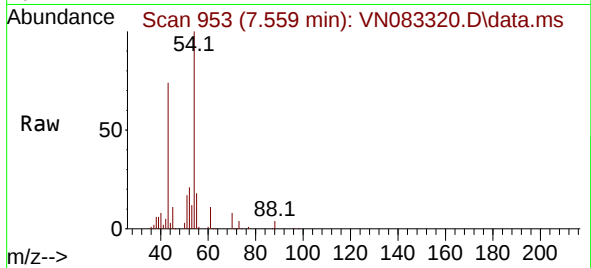
Acq: 15 Aug 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 147225

Ion Ratio Lower Upper

43 100

61 13.7 9.3 13.9

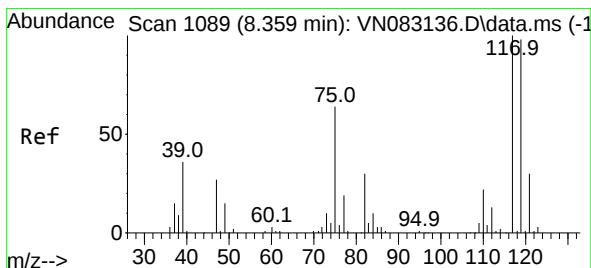
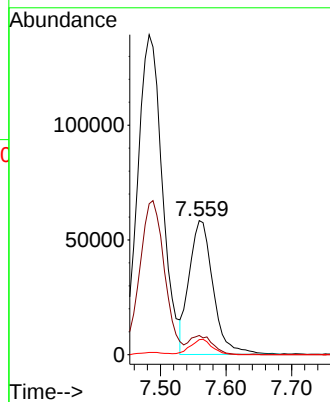
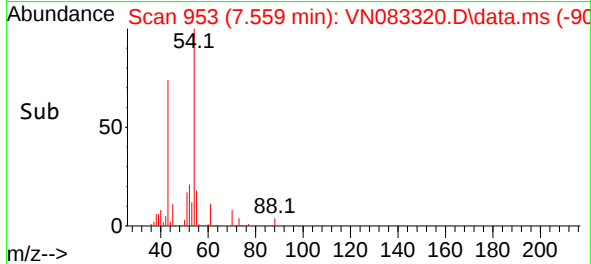
70 10.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#38

Carbon Tetrachloride

Concen: 53.032 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN083320.D

Acq: 15 Aug 2024 10:26

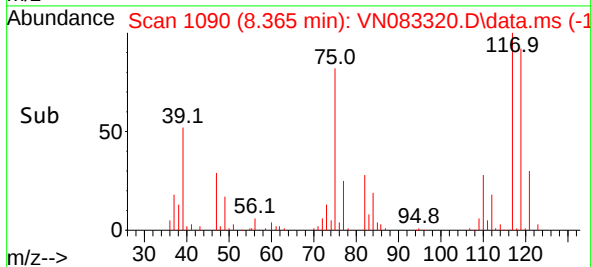
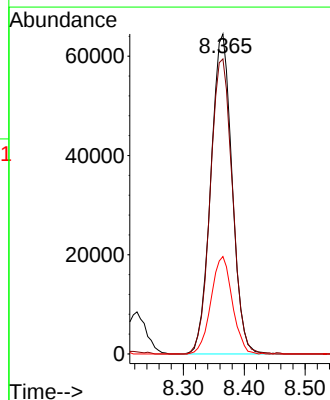
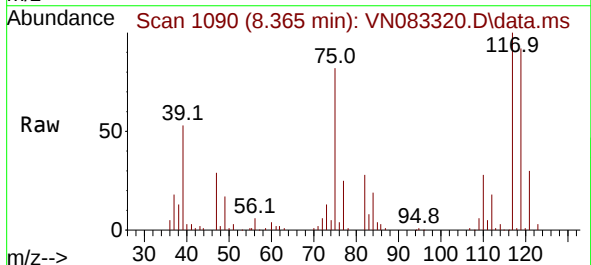
Tgt Ion:117 Resp: 156122

Ion Ratio Lower Upper

117 100

119 92.2 74.9 112.3

121 30.5 24.3 36.5





#39

Methylcyclohexane

Concen: 48.424 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083320.D

Acq: 15 Aug 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

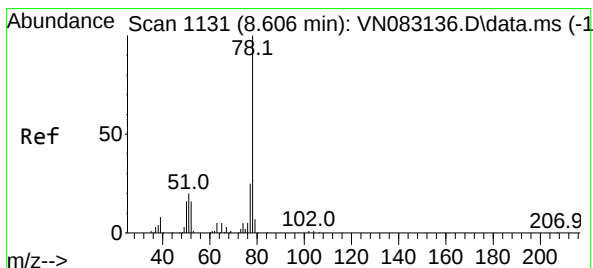
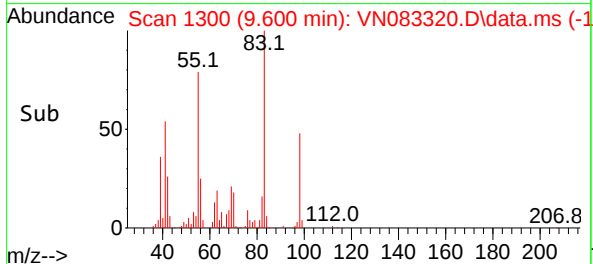
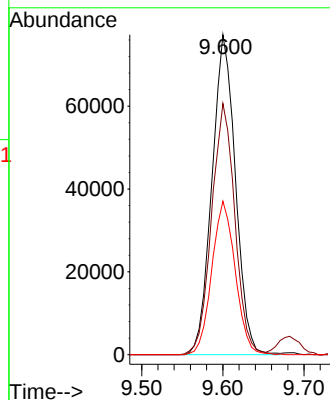
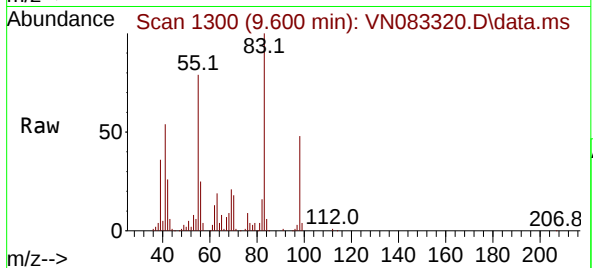
Tgt Ion:	83	Resp:	15546
Ion Ratio	Lower	Upper	
83	100		
55	78.5	66.4	99.6
98	47.9	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#40

Benzene

Concen: 53.768 ug/l

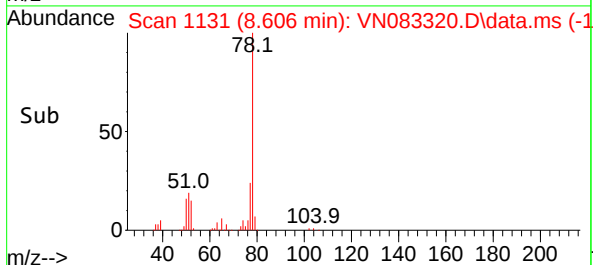
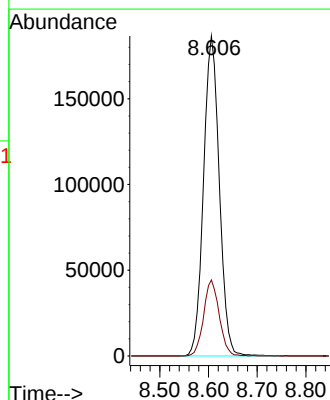
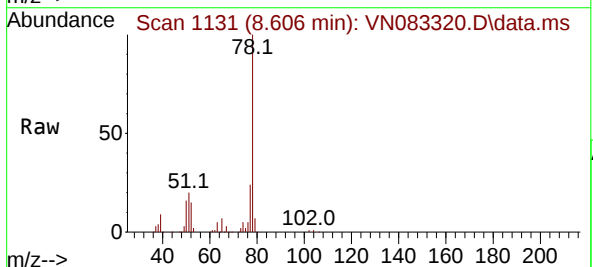
RT: 8.606 min Scan# 1131

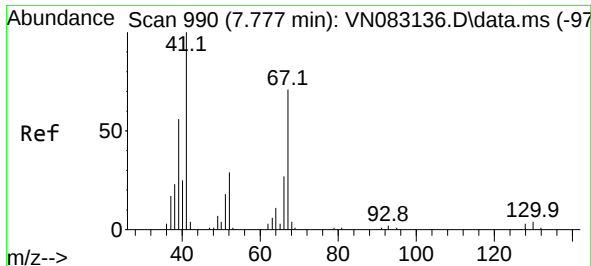
Delta R.T. -0.000 min

Lab File: VN083320.D

Acq: 15 Aug 2024 10:26

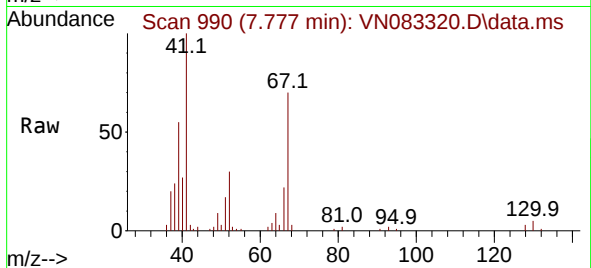
Tgt Ion:	78	Resp:	418665
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.0	28.4





#41
Methacrylonitrile
Concen: 50.695 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

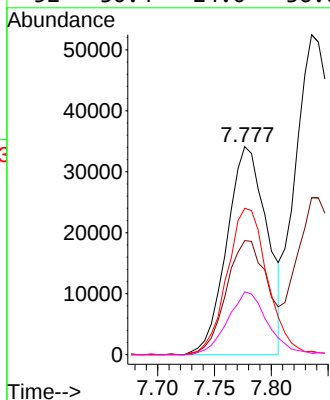
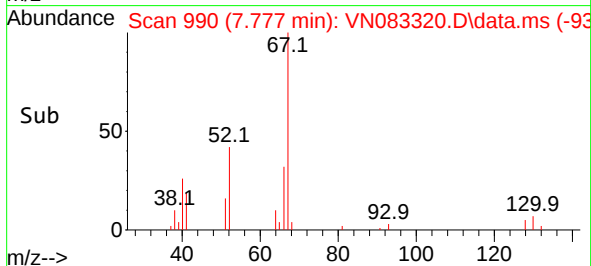
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



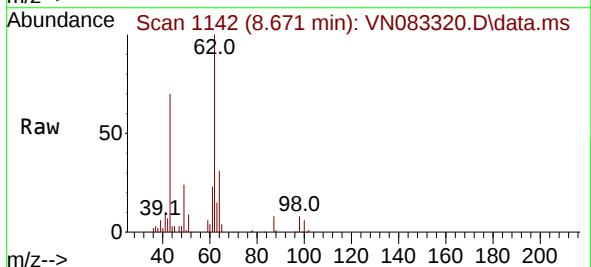
Tgt Ion: 41 Resp: 84350
Ion Ratio Lower Upper
41 100
39 56.2 45.5 68.3
67 70.6 50.5 75.7
52 30.4 24.0 36.0

Manual Integrations
APPROVED

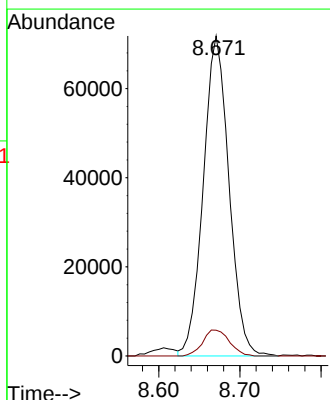
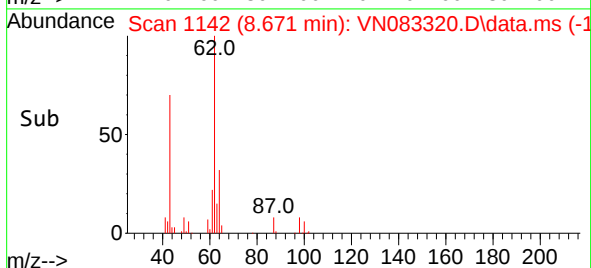
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#42
1,2-Dichloroethane
Concen: 55.669 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



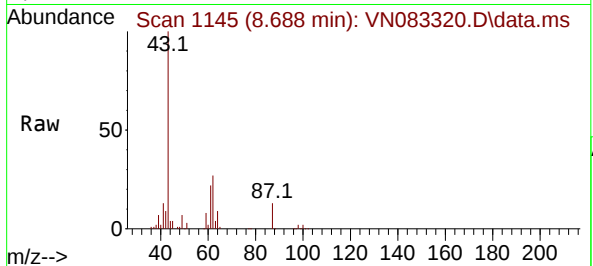
Tgt Ion: 62 Resp: 157902
Ion Ratio Lower Upper
62 100
98 8.4 0.0 15.8





#43
Isopropyl Acetate
Concen: 51.570 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

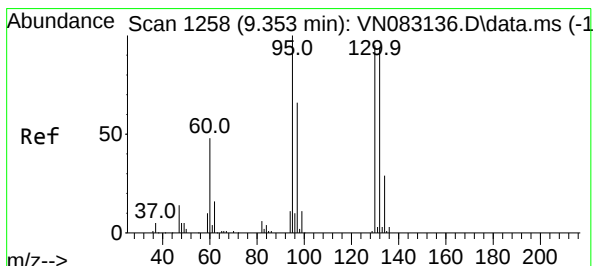
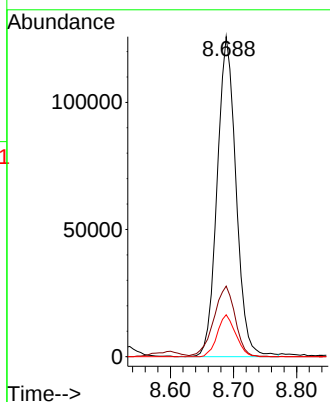
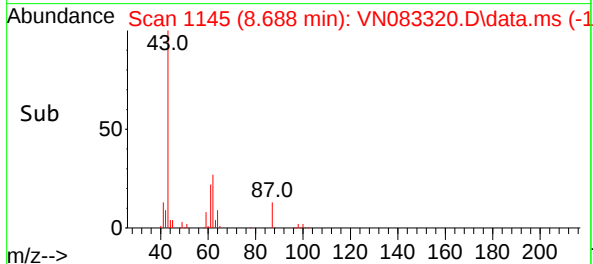
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 261204
Ion Ratio Lower Upper
43 100
61 25.0 17.8 26.6
87 12.7 8.2 12.2

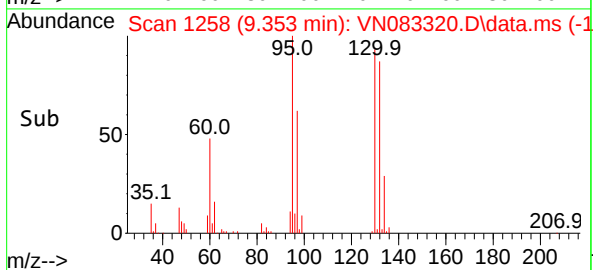
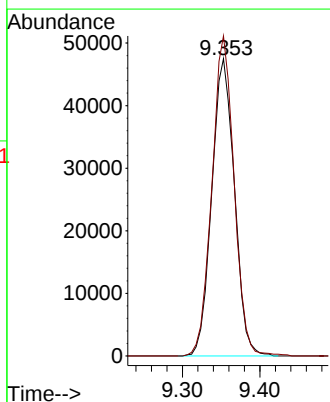
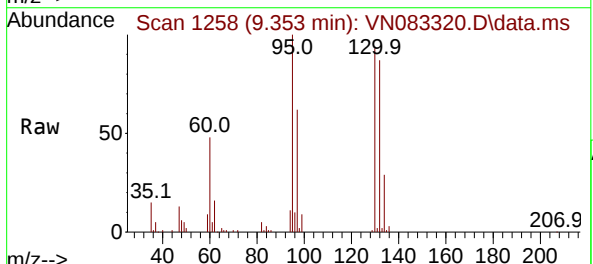
Manual Integrations
APPROVED

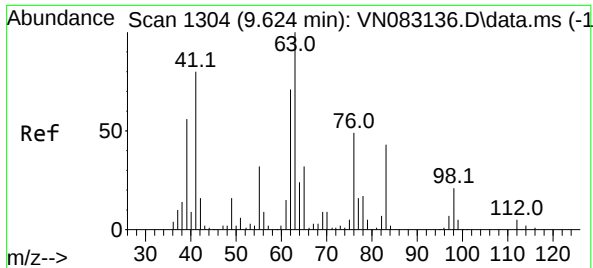
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#44
Trichloroethene
Concen: 51.931 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

Tgt Ion:130 Resp: 96246
Ion Ratio Lower Upper
130 100
95 107.6 0.0 197.8





#45

1,2-Dichloropropane

Concen: 56.055 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN083320.D

Acq: 15 Aug 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 103600

Ion Ratio Lower Upper

63 100

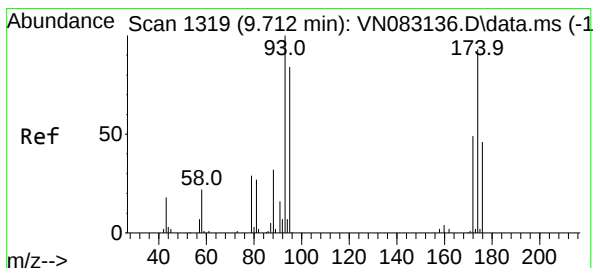
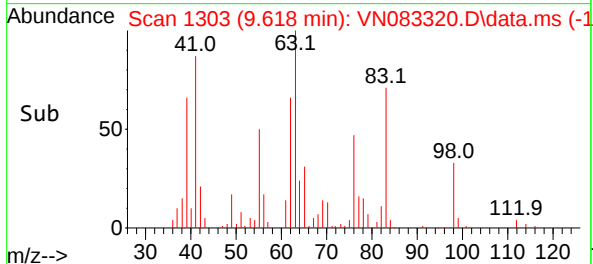
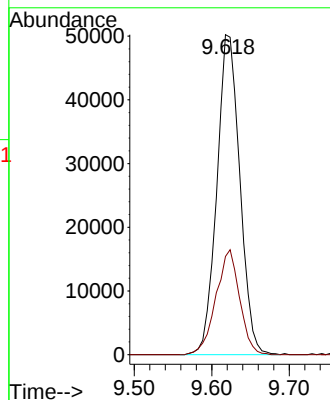
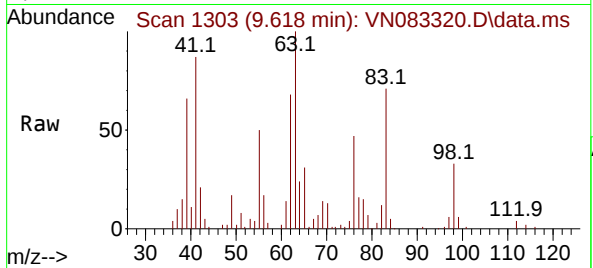
65 30.7 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#46

Dibromomethane

Concen: 56.240 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083320.D

Acq: 15 Aug 2024 10:26

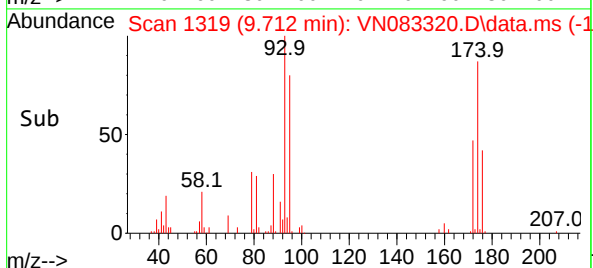
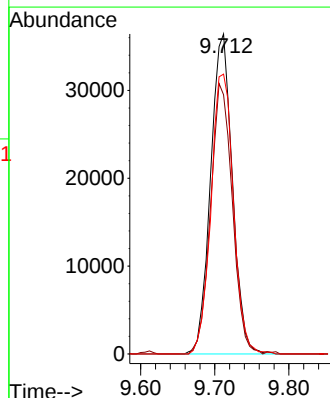
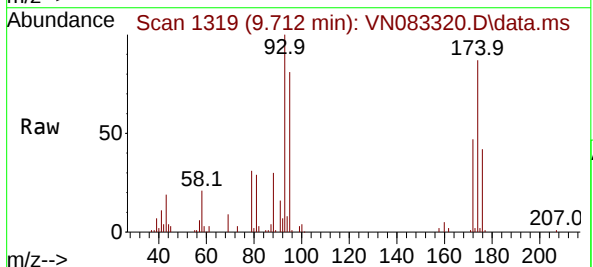
Tgt Ion: 93 Resp: 74403

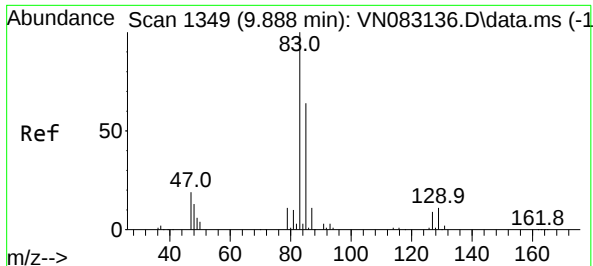
Ion Ratio Lower Upper

93 100

95 84.3 65.8 98.6

174 90.1 71.7 107.5





#47

Bromodichloromethane

Concen: 55.135 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN083320.D

Acq: 15 Aug 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 163778

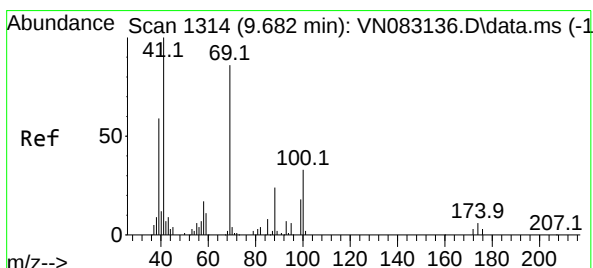
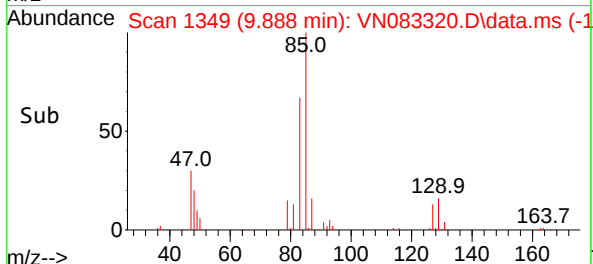
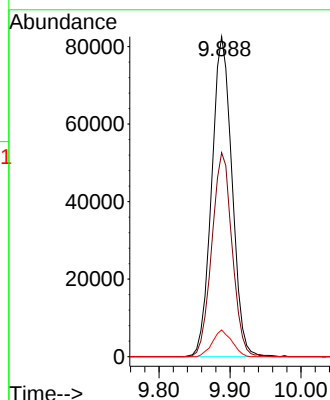
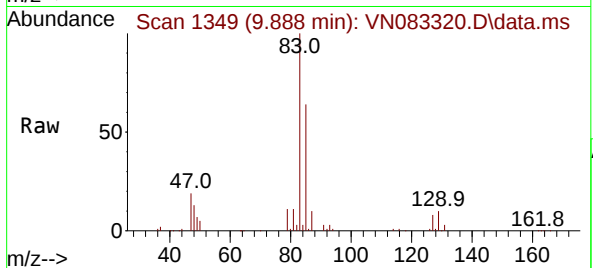
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.1	76.7
127	8.3	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#48

Methyl methacrylate

Concen: 52.609 ug/l

RT: 9.682 min Scan# 1314

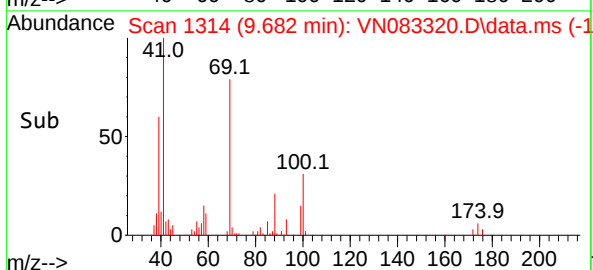
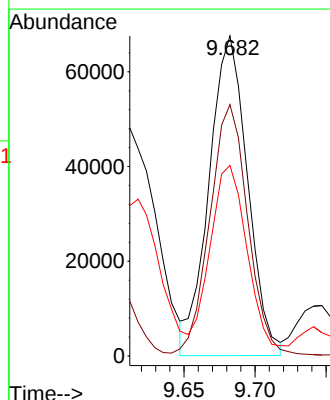
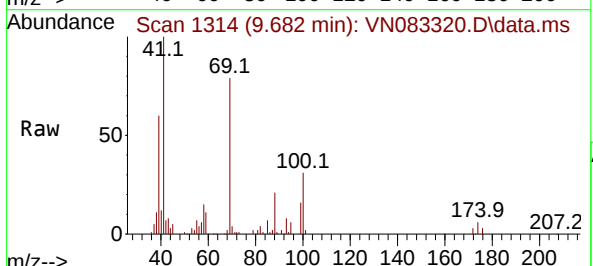
Delta R.T. -0.000 min

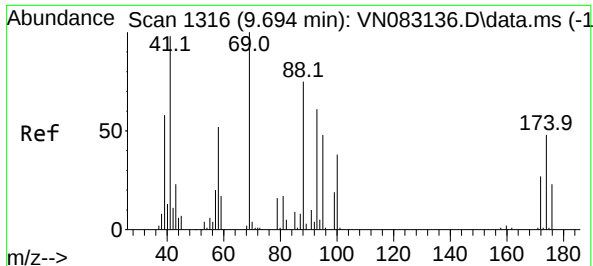
Lab File: VN083320.D

Acq: 15 Aug 2024 10:26

Tgt Ion: 41 Resp: 127288

Ion	Ratio	Lower	Upper
41	100		
69	78.3	56.3	84.5
39	58.7	50.3	75.5





#49

1,4-Dioxane

Concen: 1092.978 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN083320.D

Acq: 15 Aug 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 47709

Ion Ratio Lower Upper

88 100

43 31.4 27.8 41.8

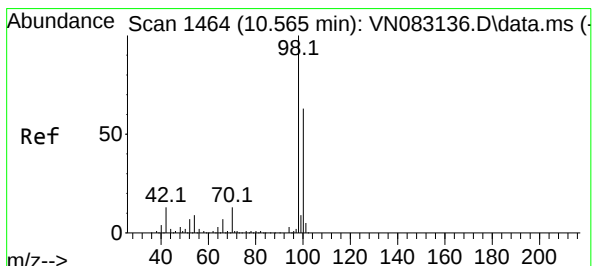
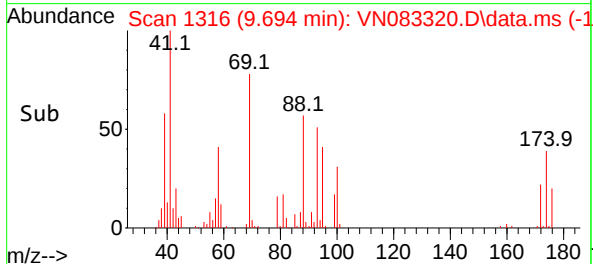
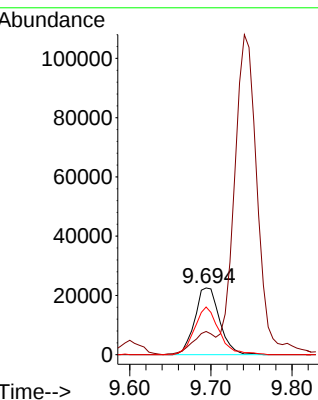
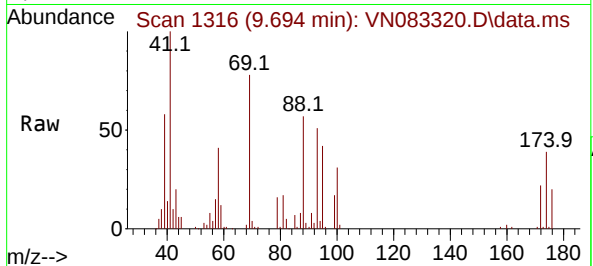
58 70.9 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#50

Toluene-d8

Concen: 55.973 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083320.D

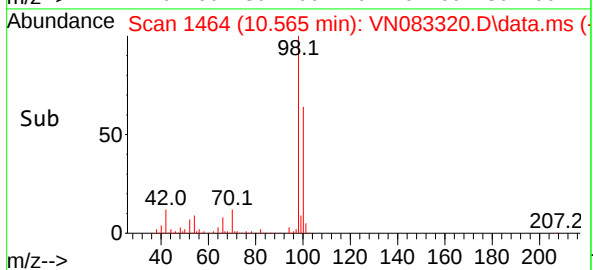
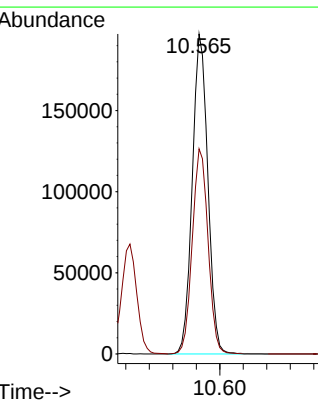
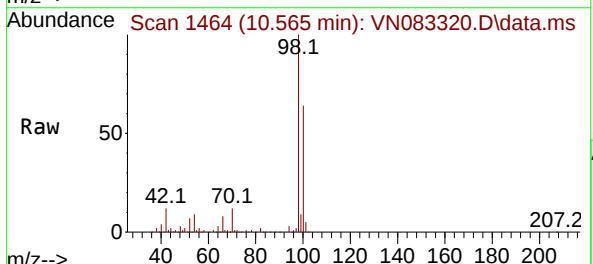
Acq: 15 Aug 2024 10:26

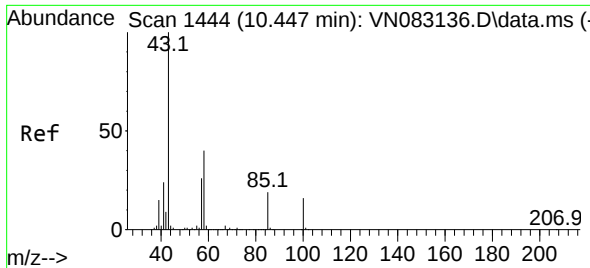
Tgt Ion: 98 Resp: 360764

Ion Ratio Lower Upper

98 100

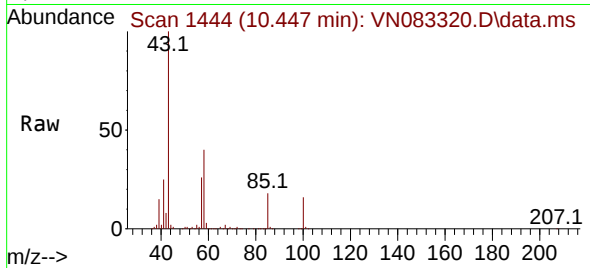
100 65.0 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 279.705 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

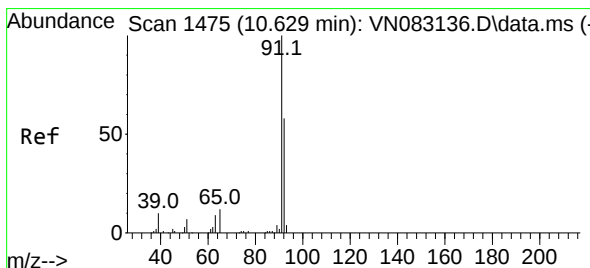
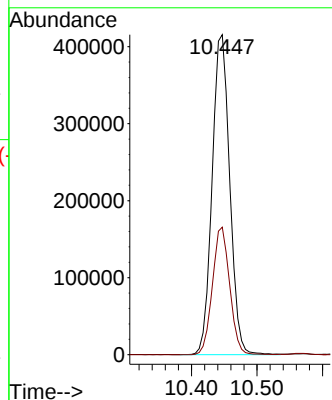
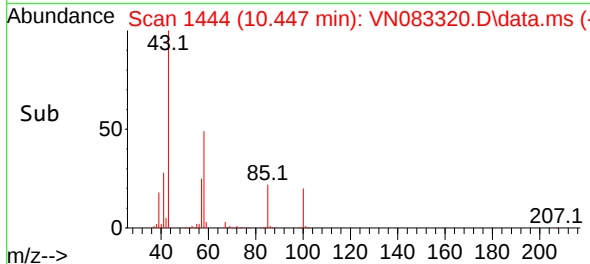
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 77407
Ion Ratio Lower Upper
43 100
58 39.1 28.2 42.4

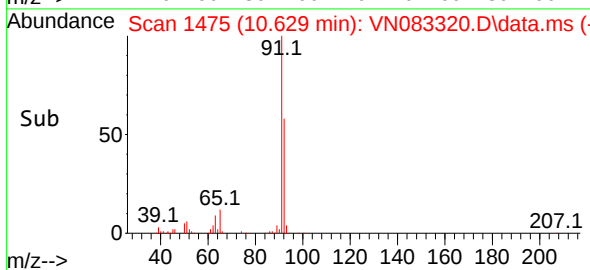
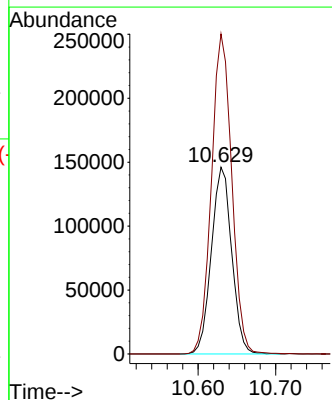
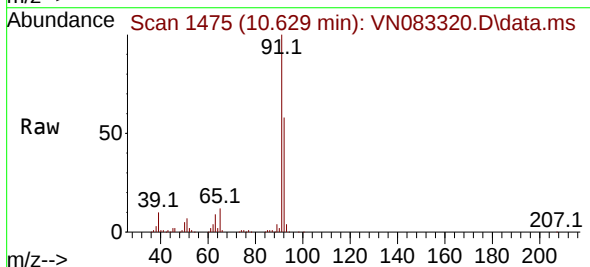
Manual Integrations
APPROVED

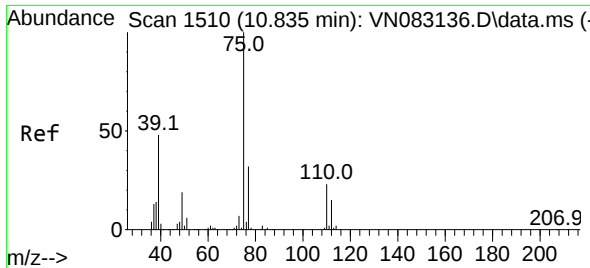
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#52
Toluene
Concen: 54.062 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

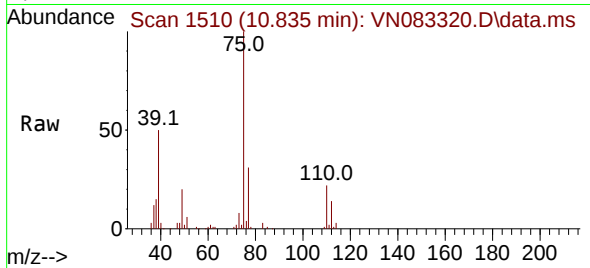
Tgt Ion: 92 Resp: 265973
Ion Ratio Lower Upper
92 100
91 171.5 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 54.348 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

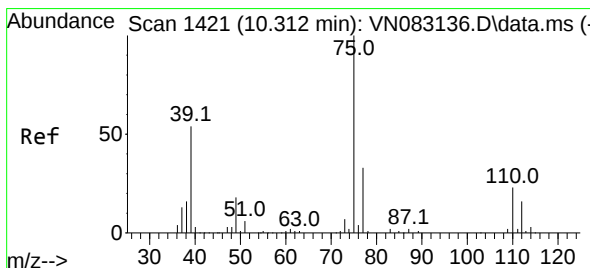
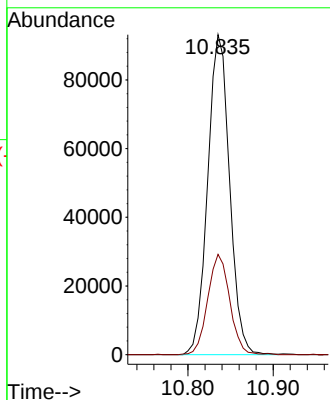
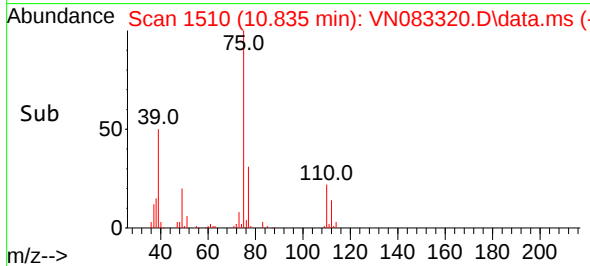
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 165832
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5

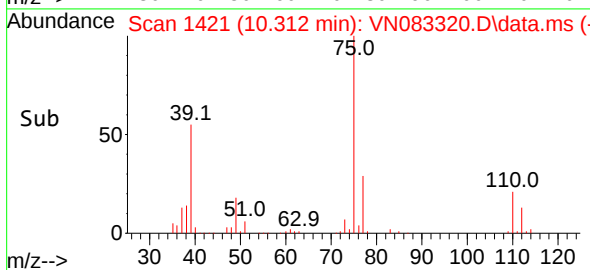
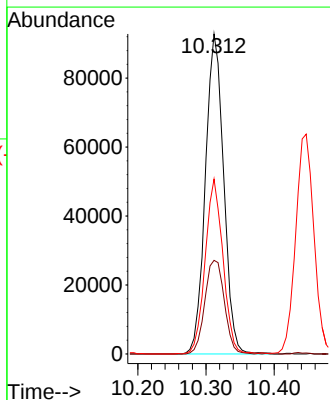
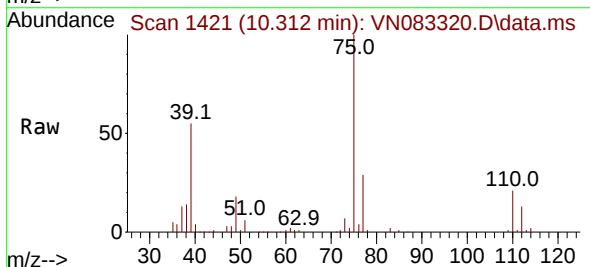
Manual Integrations
APPROVED

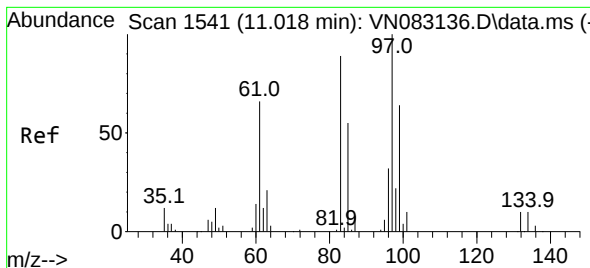
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#54
cis-1,3-Dichloropropene
Concen: 53.431 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

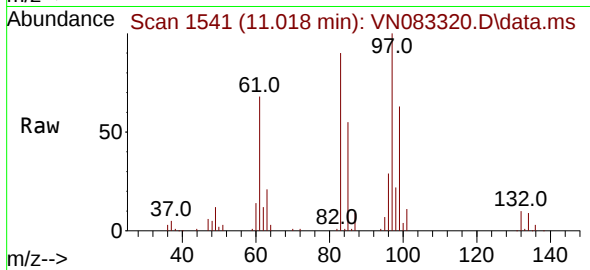
Tgt Ion: 75 Resp: 173411
Ion Ratio Lower Upper
75 100
77 29.3 24.3 36.5
39 54.5 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 57.254 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

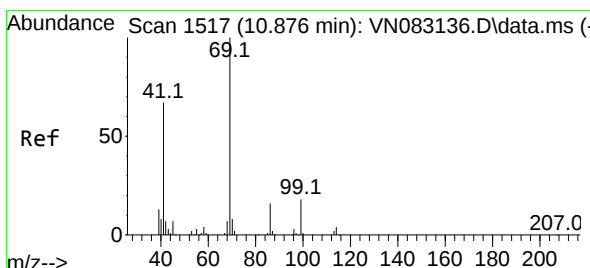
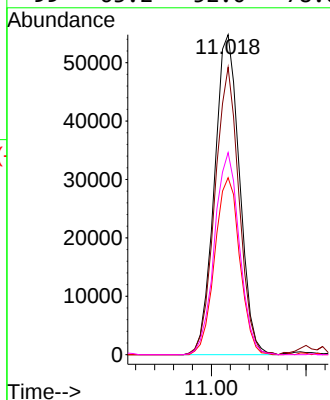
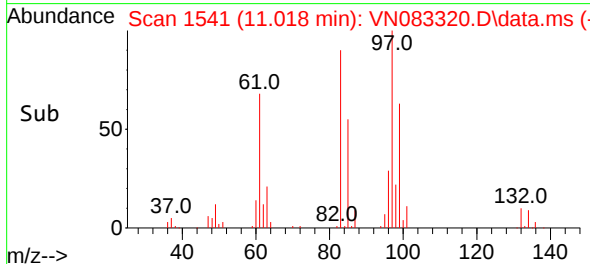
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



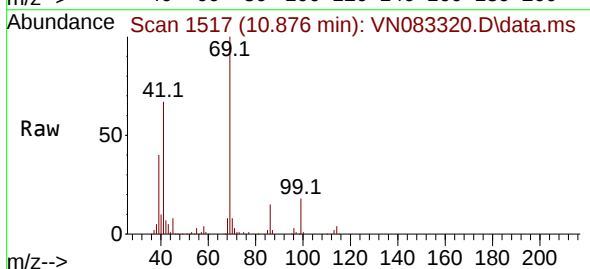
Tgt Ion: 97 Resp: 100945
Ion Ratio Lower Upper
97 100
83 89.8 71.4 107.0
85 55.3 45.8 68.6
99 63.2 52.0 78.0

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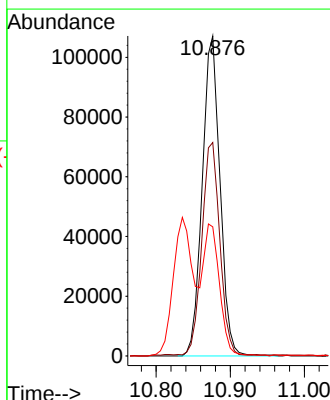
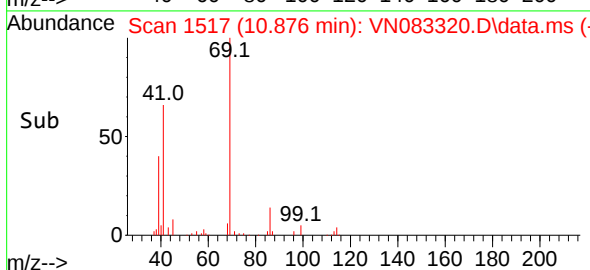
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

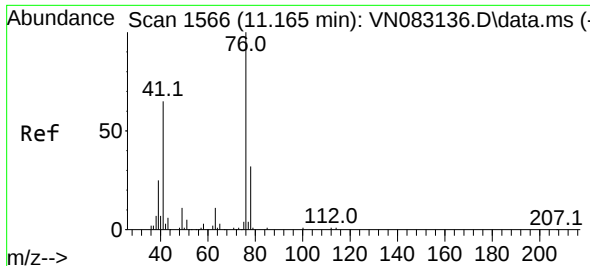


#56
Ethyl methacrylate
Concen: 53.712 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



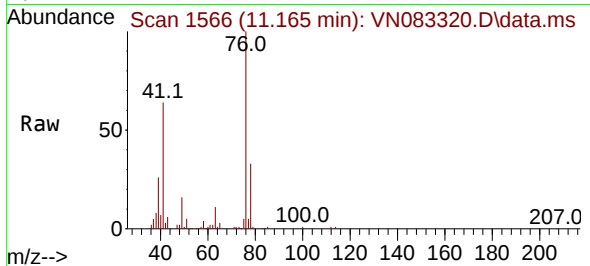
Tgt Ion: 69 Resp: 178528
Ion Ratio Lower Upper
69 100
41 66.8 63.4 95.2
39 36.6 37.4 56.0#





#57
1,3-Dichloropropane
Concen: 56.840 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

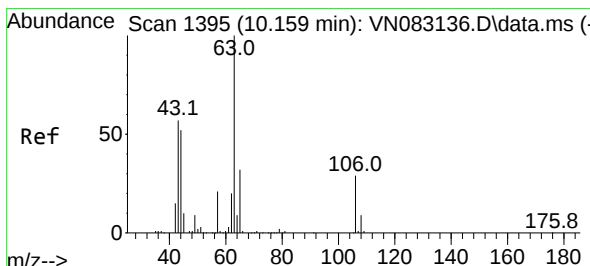
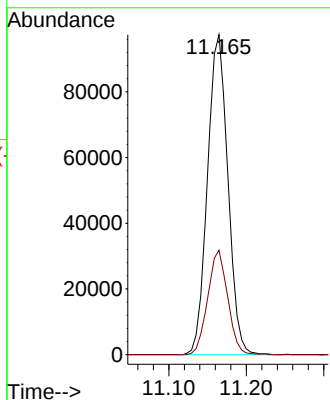
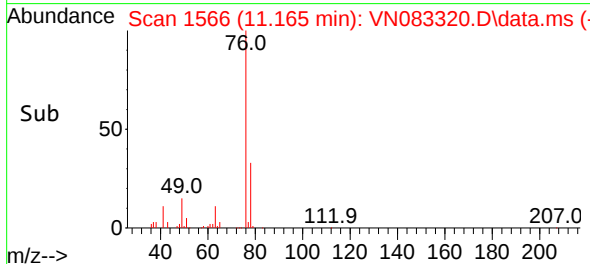
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 178620
Ion Ratio Lower Upper
76 100
78 31.9 25.6 38.4

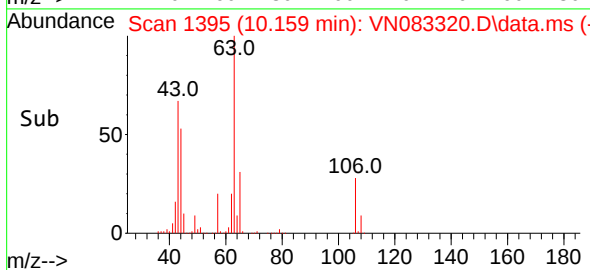
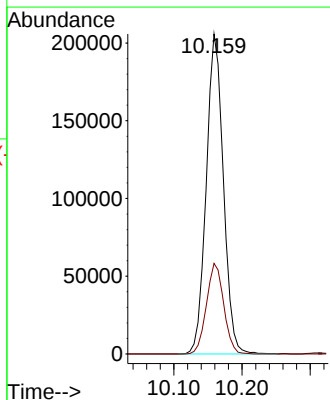
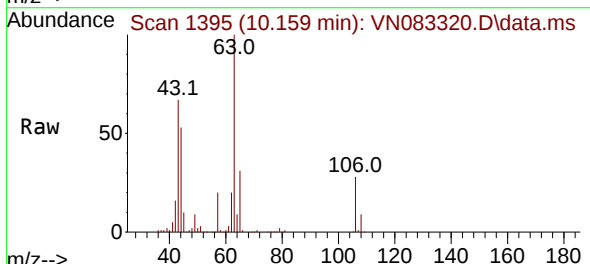
Manual Integrations
APPROVED

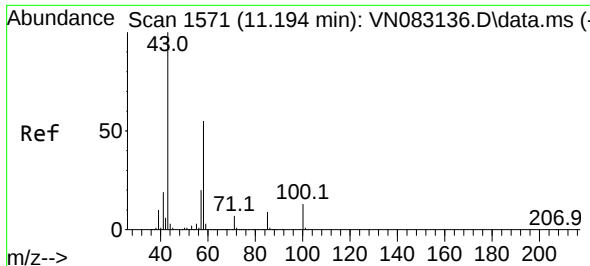
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#58
2-Chloroethyl Vinyl ether
Concen: 256.060 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

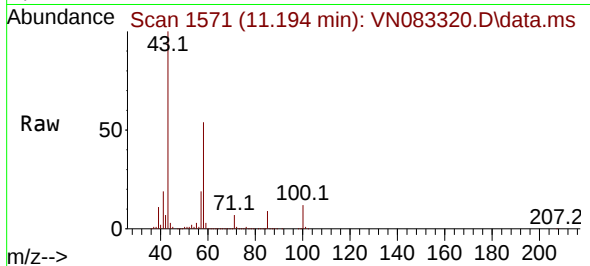
Tgt Ion: 63 Resp: 359755
Ion Ratio Lower Upper
63 100
106 28.5 21.4 32.0





#59
2-Hexanone
Concen: 270.109 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

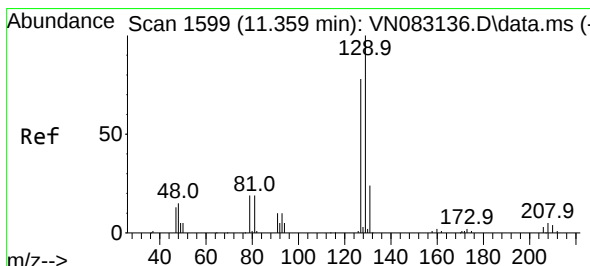
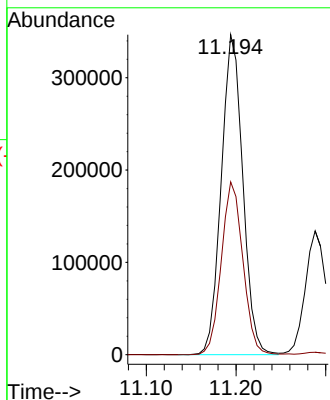
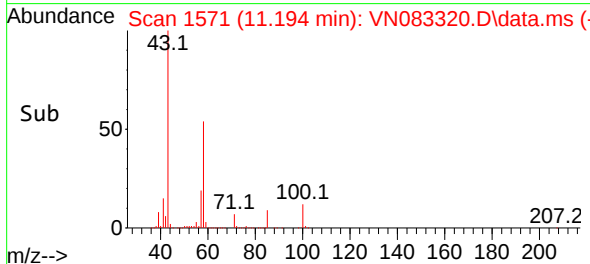
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



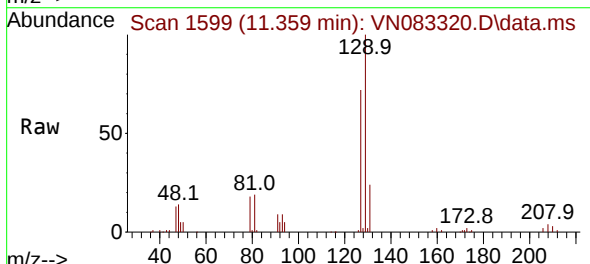
Tgt Ion: 43 Resp: 578300
Ion Ratio Lower Upper
43 100
58 54.0 24.6 73.8

Manual Integrations
APPROVED

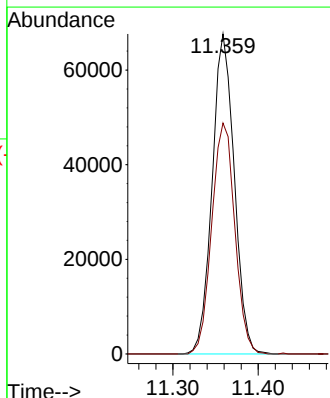
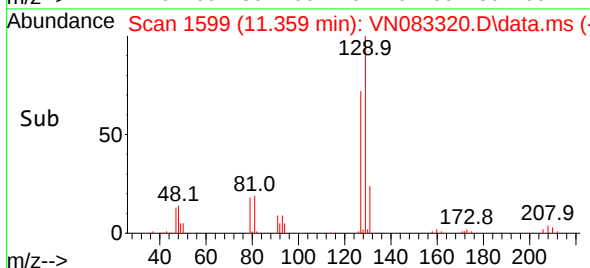
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

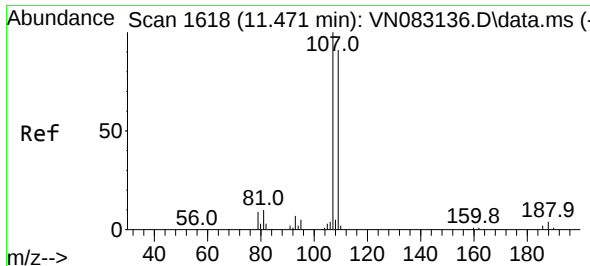


#60
Dibromochloromethane
Concen: 57.133 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



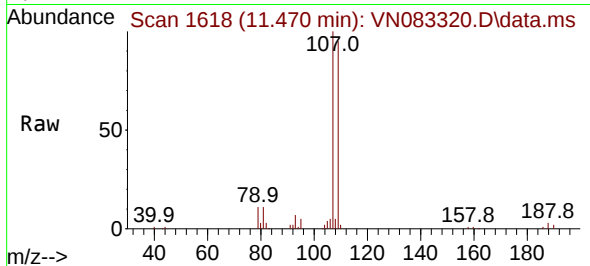
Tgt Ion:129 Resp: 121788
Ion Ratio Lower Upper
129 100
127 75.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 54.781 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

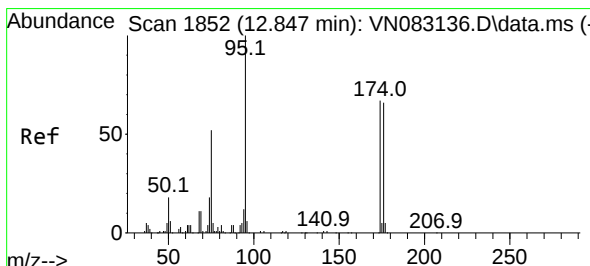
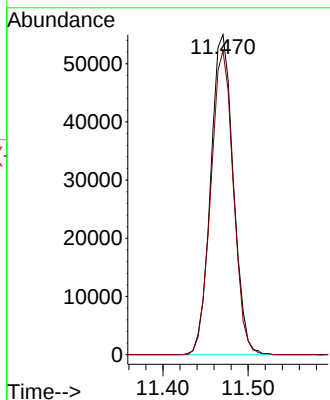
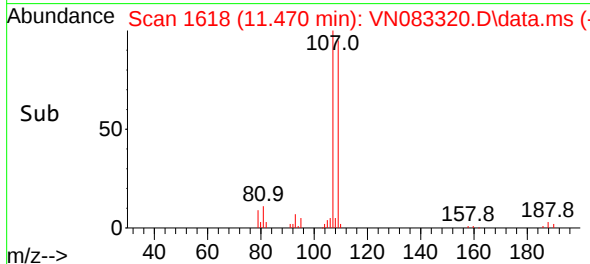
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



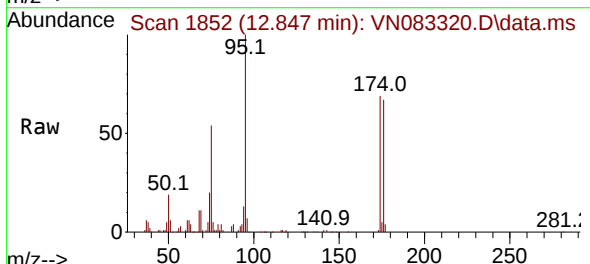
Tgt Ion:107 Resp: 101462
Ion Ratio Lower Upper
107 100
109 94.3 73.7 110.5

Manual Integrations
APPROVED

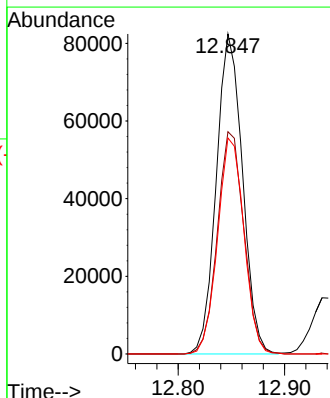
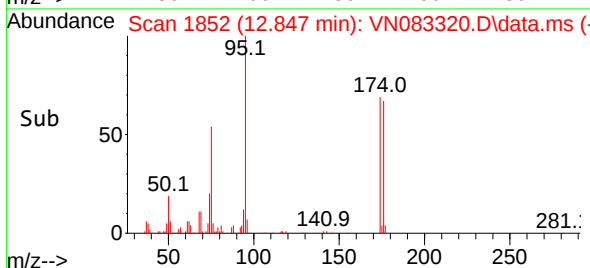
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

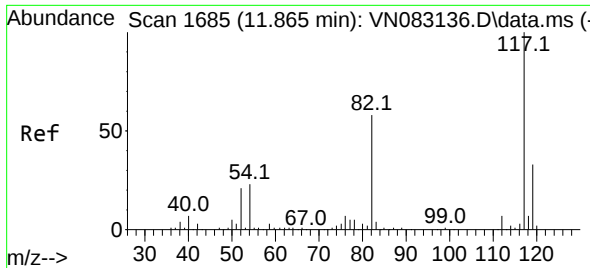


#62
4-Bromofluorobenzene
Concen: 55.907 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



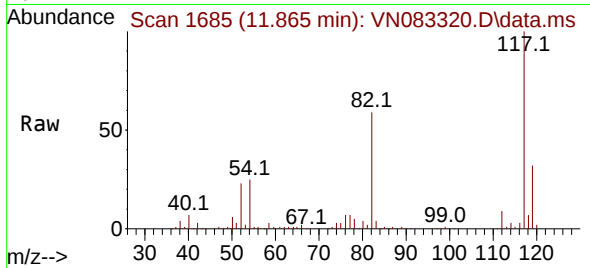
Tgt Ion: 95 Resp: 140480
Ion Ratio Lower Upper
95 100
174 70.4 0.0 159.2
176 67.8 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

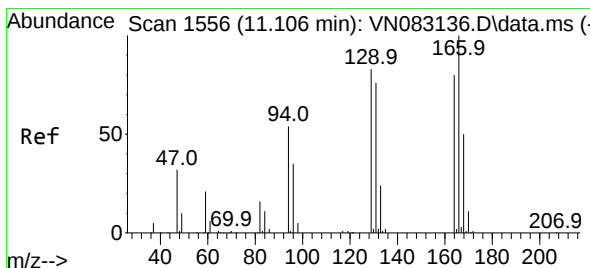
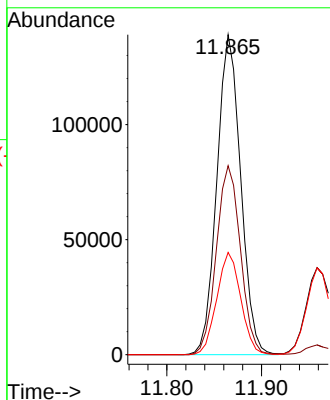
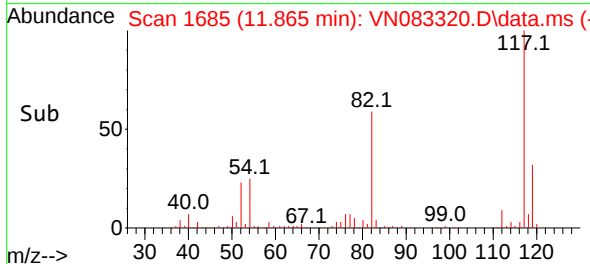
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 243390
Ion Ratio Lower Upper
117 100
82 59.1 47.5 71.3
119 32.0 25.6 38.4

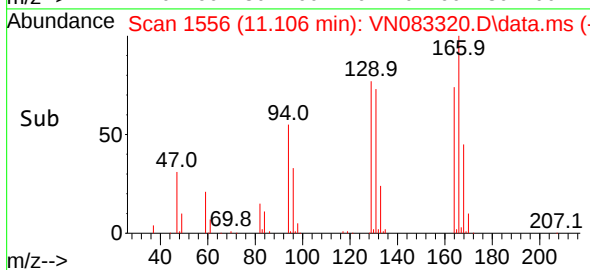
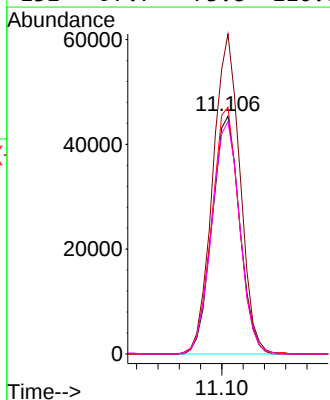
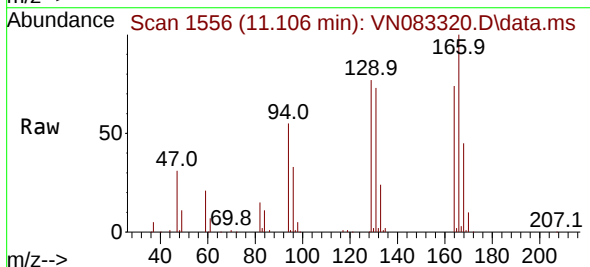
Manual Integrations
APPROVED

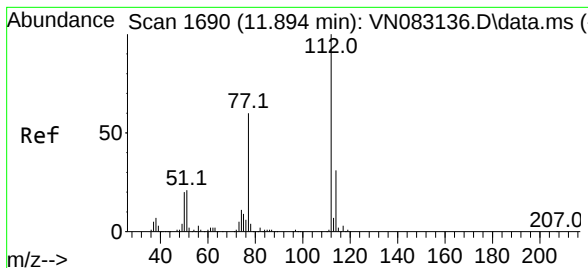
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#64
Tetrachloroethene
Concen: 50.689 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

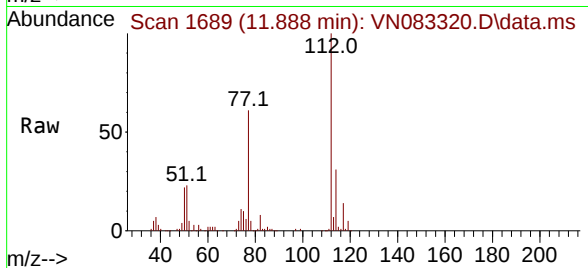
Tgt Ion:164 Resp: 81709
Ion Ratio Lower Upper
164 100
166 134.6 101.4 152.0
129 103.8 75.7 113.5
131 97.7 73.8 110.6





#65
Chlorobenzene
Concen: 53.126 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

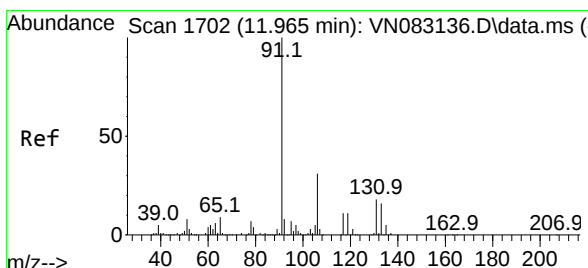
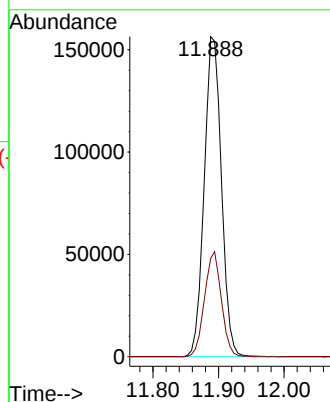
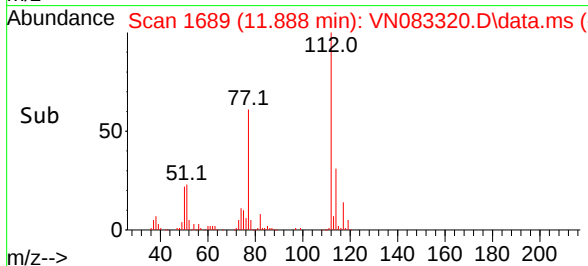
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



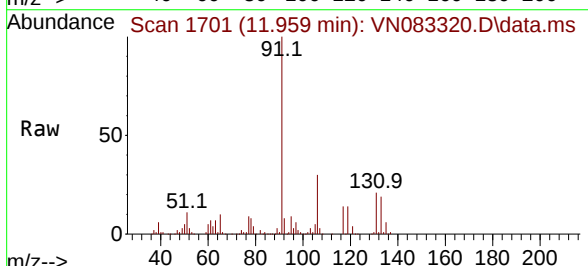
Tgt Ion:112 Resp: 285749
Ion Ratio Lower Upper
112 100
114 30.8 26.2 39.2

Manual Integrations
APPROVED

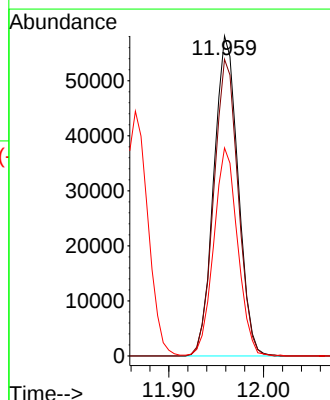
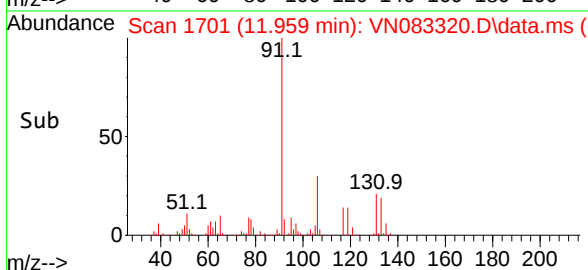
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.480 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



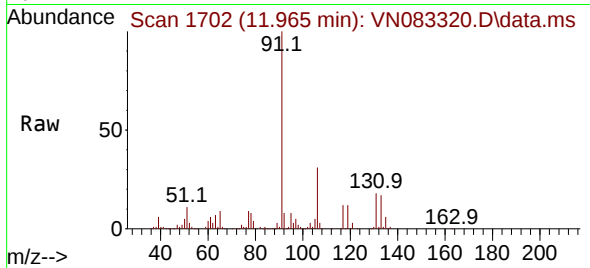
Tgt Ion:131 Resp: 103349
Ion Ratio Lower Upper
131 100
133 93.2 47.3 142.0
119 64.3 32.5 97.4





#67
Ethyl Benzene
Concen: 52.466 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

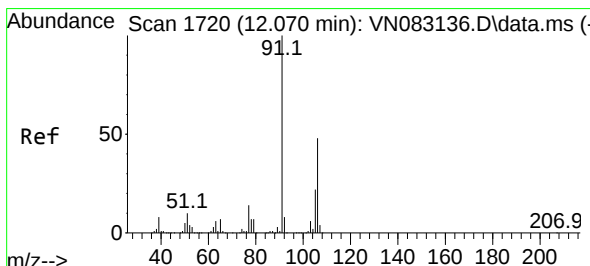
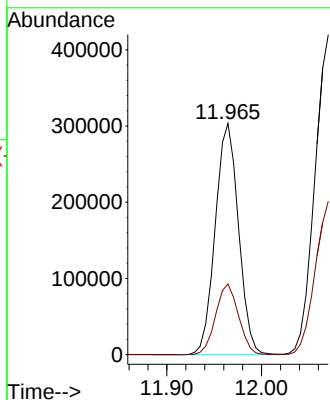
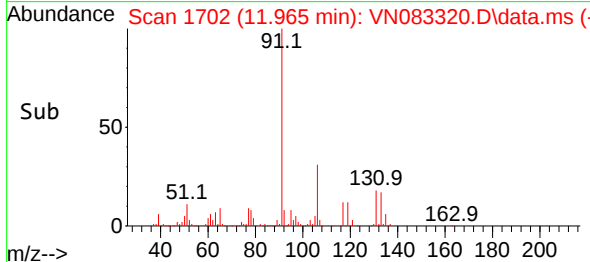
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



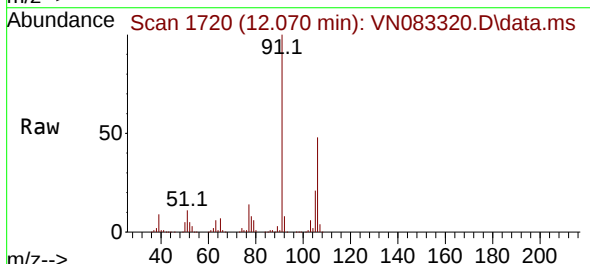
Tgt Ion: 91 Resp: 517688
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0

Manual Integrations
APPROVED

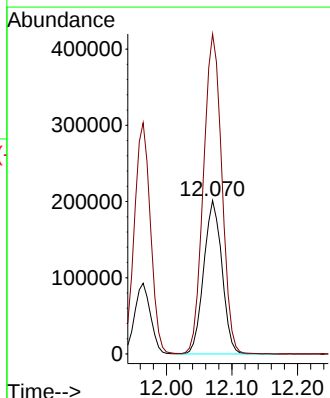
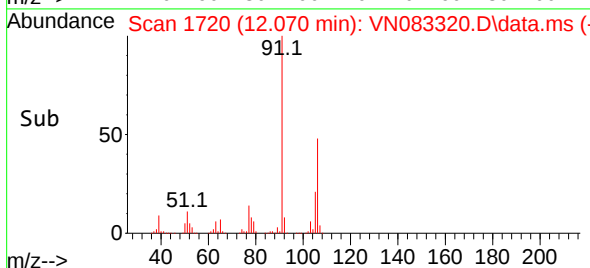
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

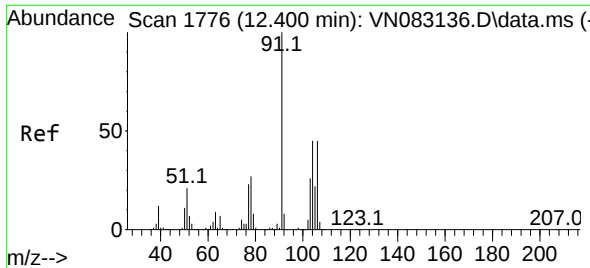


#68
m/p-Xylenes
Concen: 105.269 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



Tgt Ion:106 Resp: 389090
Ion Ratio Lower Upper
106 100
91 210.4 166.1 249.1





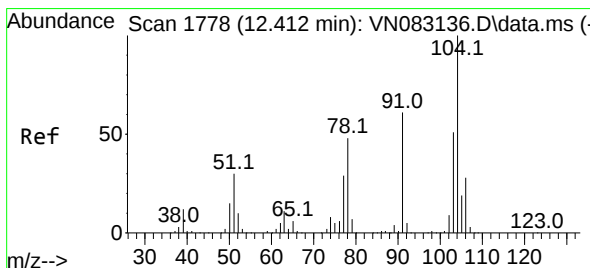
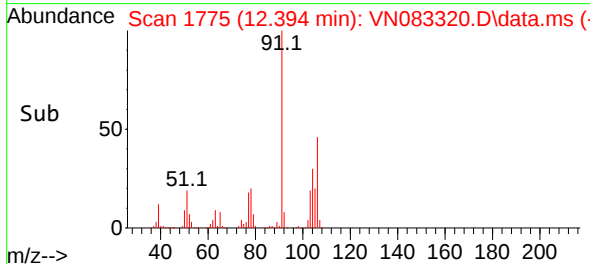
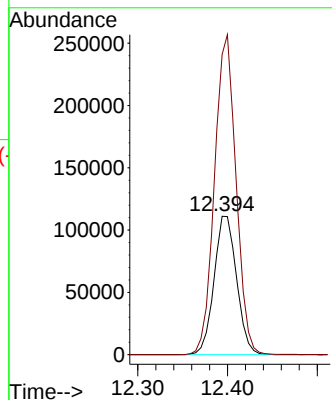
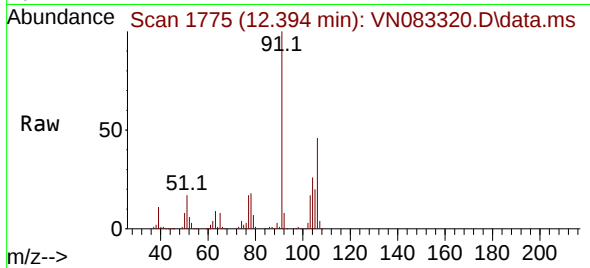
#69
o-Xylene
Concen: 53.160 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 193789
Ion Ratio Lower Upper
106 100
91 221.1 111.3 333.9

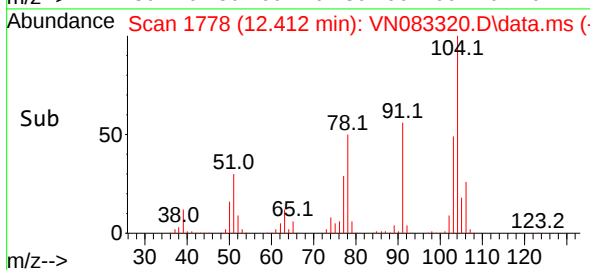
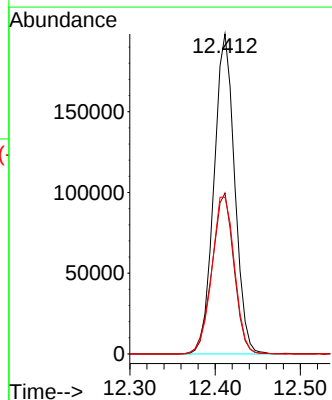
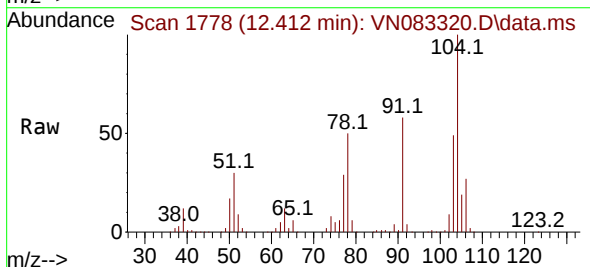
Manual Integrations
APPROVED

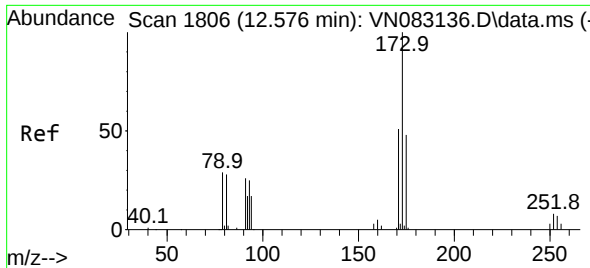
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#70
Styrene
Concen: 54.571 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

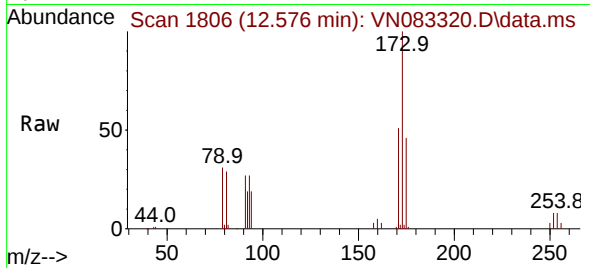
Tgt Ion:104 Resp: 334120
Ion Ratio Lower Upper
104 100
78 53.4 41.6 62.4
103 54.0 44.0 66.0





#71
Bromoform
Concen: 54.165 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

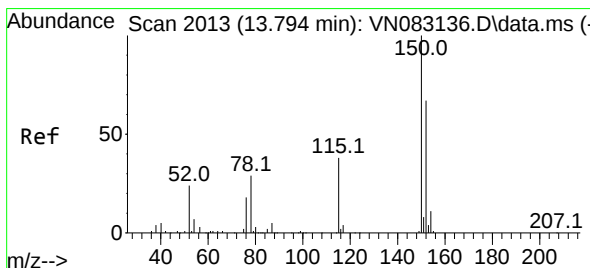
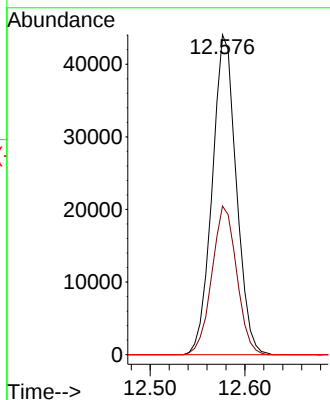
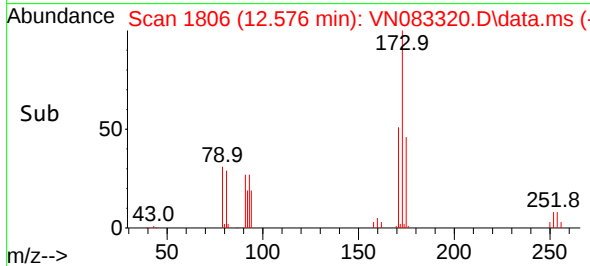
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



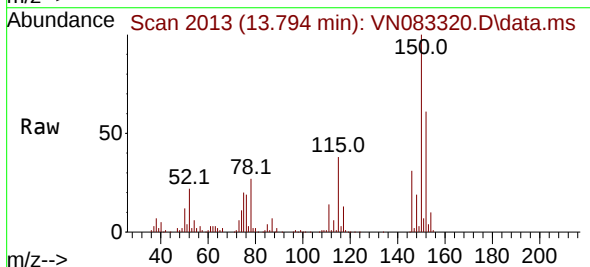
Tgt Ion:173 Resp: 77840
Ion Ratio Lower Upper
173 100
175 47.8 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

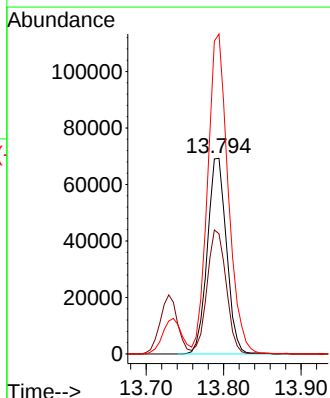
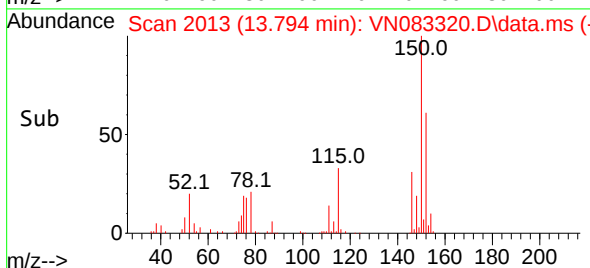
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

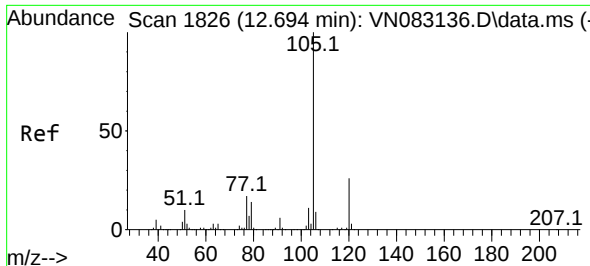


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



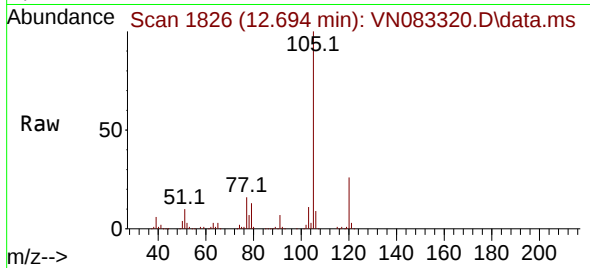
Tgt Ion:152 Resp: 119099
Ion Ratio Lower Upper
152 100
115 63.2 30.6 91.6
150 175.0 0.0 348.6





#73
Isopropylbenzene
Concen: 49.798 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

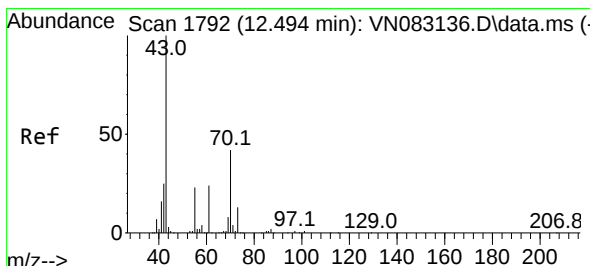
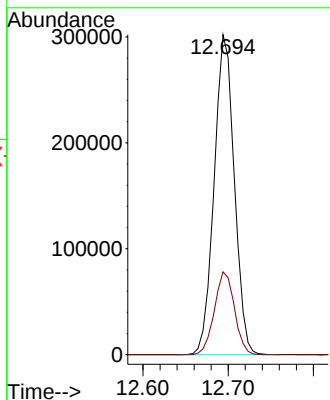
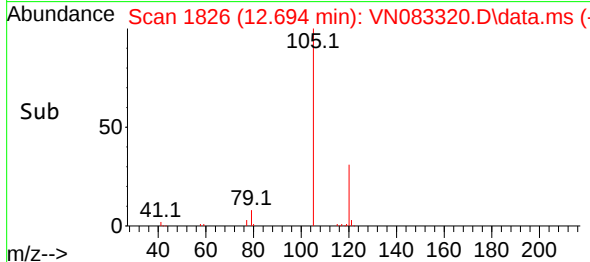
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



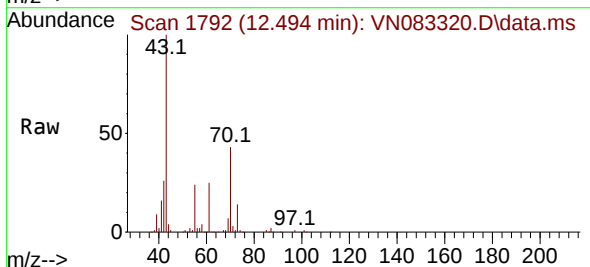
Tgt Ion:105 Resp: 496073
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

Manual Integrations
APPROVED

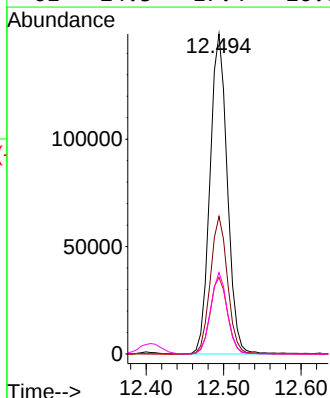
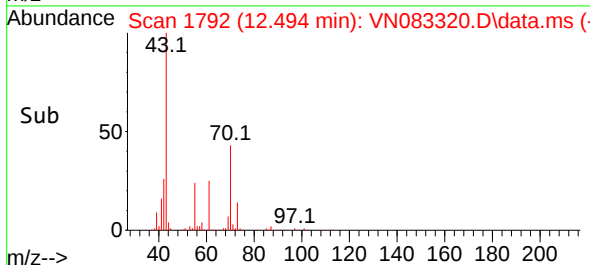
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

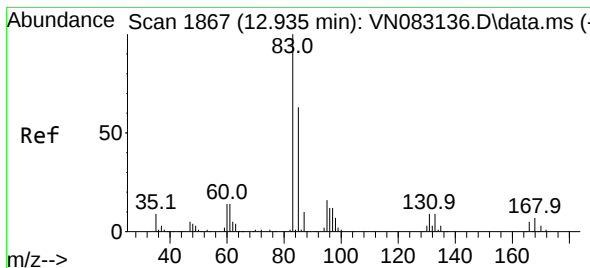


#74
N-ethyl acetate
Concen: 47.430 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



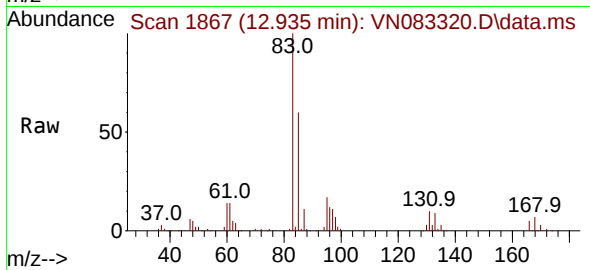
Tgt Ion: 43 Resp: 231110
Ion Ratio Lower Upper
43 100
70 42.6 29.8 44.6
55 24.0 18.7 28.1
61 24.3 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 52.479 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

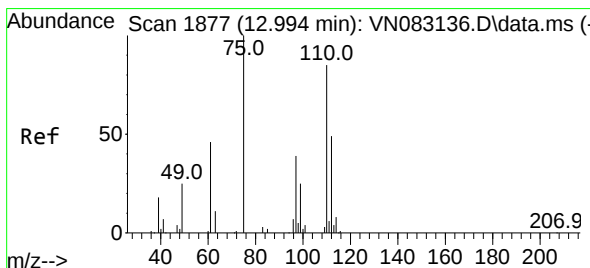
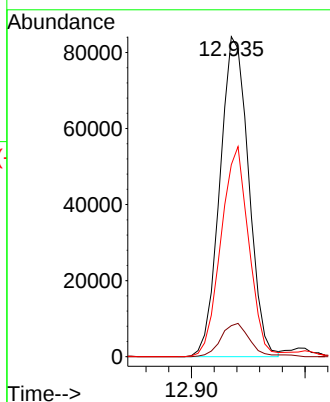
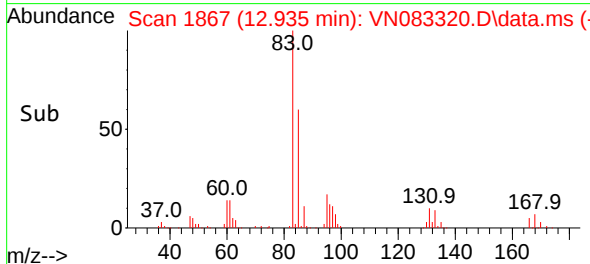
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



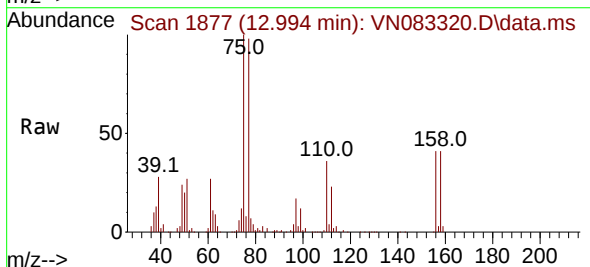
Tgt Ion: 83 Resp: 147860
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 63.8 31.9 95.7

Manual Integrations
APPROVED

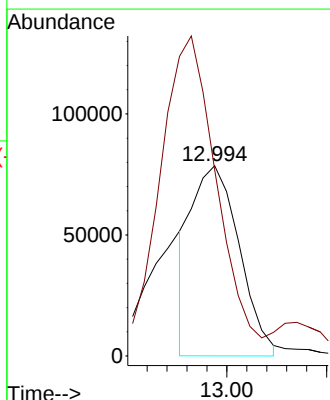
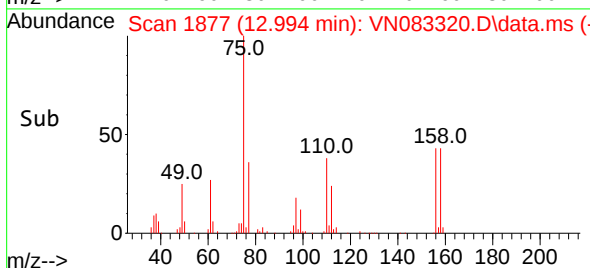
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

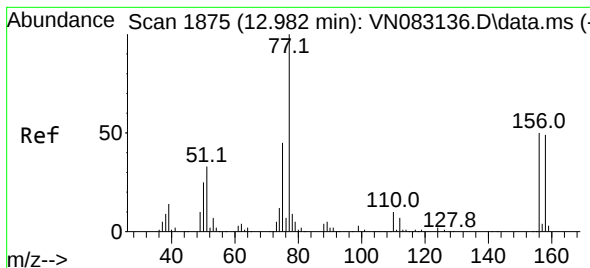


#76
1,2,3-Trichloropropane
Concen: 49.788 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



Tgt Ion: 75 Resp: 130143
Ion Ratio Lower Upper
75 100
77 202.2 110.9 332.6





#77

Bromobenzene

Concen: 51.555 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN083320.D

Acq: 15 Aug 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 114086

Ion Ratio Lower Upper

156 100

77 230.7 111.3 333.8

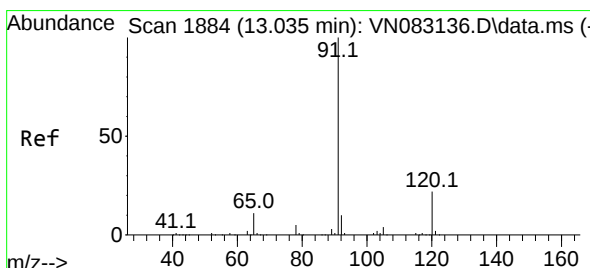
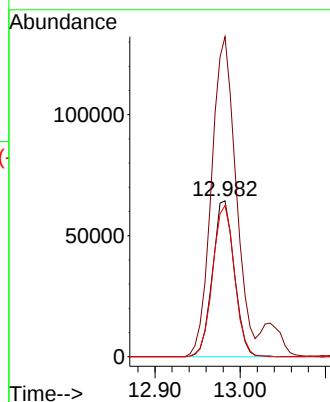
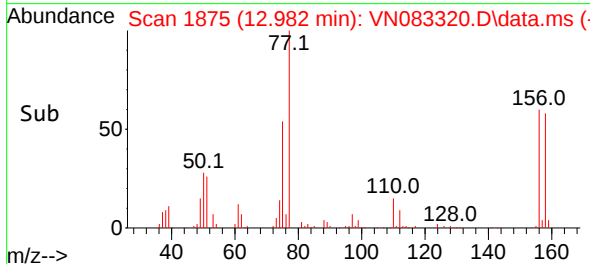
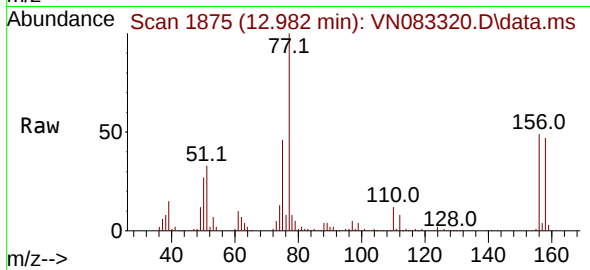
158 97.4 48.3 144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#78

n-propylbenzene

Concen: 50.965 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083320.D

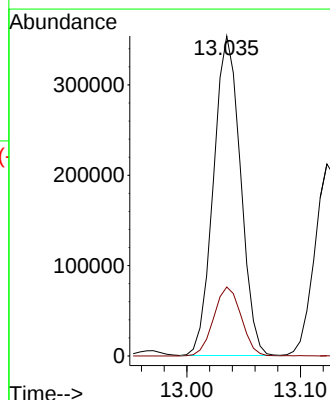
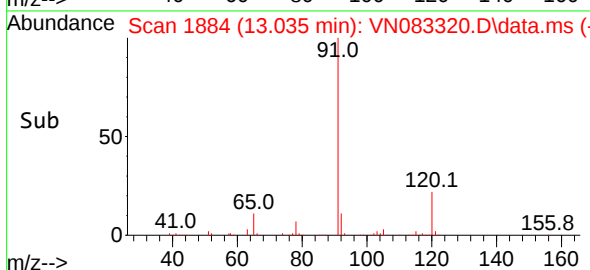
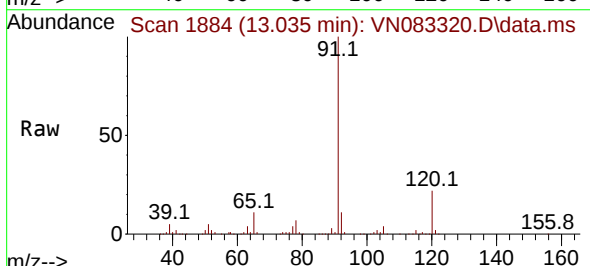
Acq: 15 Aug 2024 10:26

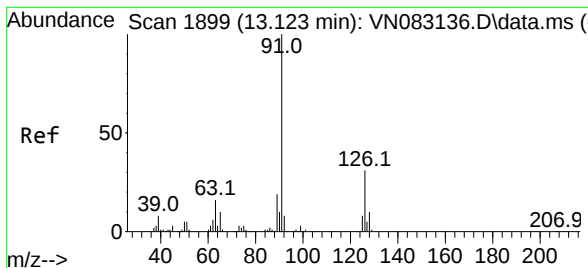
Tgt Ion: 91 Resp: 584600

Ion Ratio Lower Upper

91 100

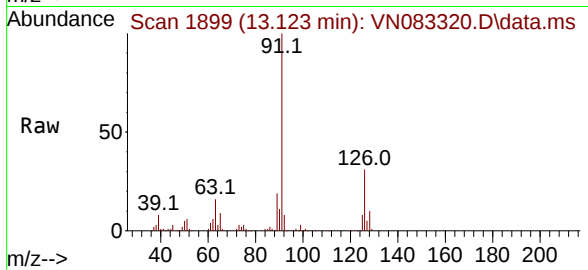
120 22.0 10.9 32.9





#79
2-Chlorotoluene
Concen: 50.926 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

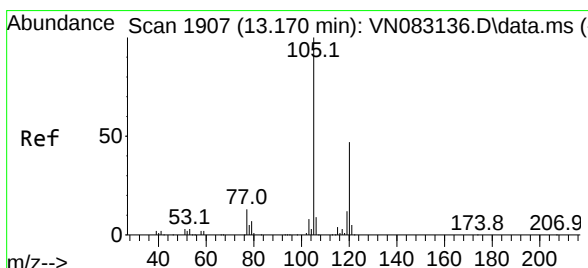
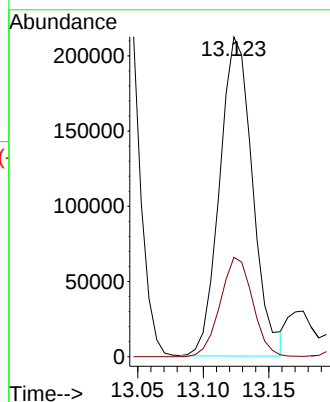
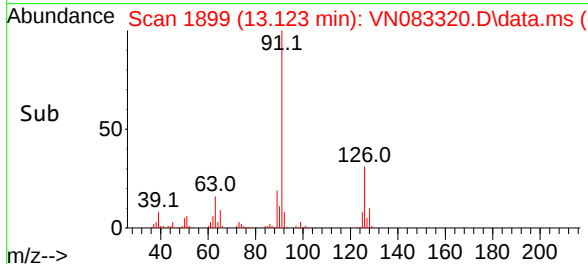
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



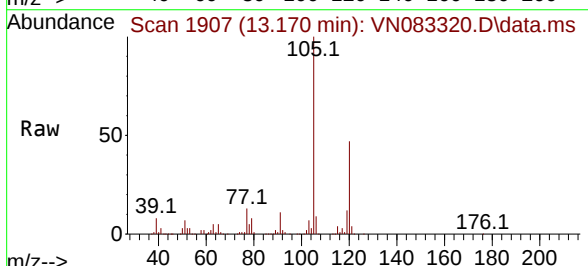
Tgt Ion: 91 Resp: 370358
Ion Ratio Lower Upper
91 100
126 30.6 16.2 48.6

Manual Integrations
APPROVED

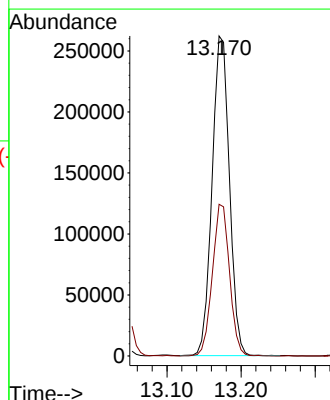
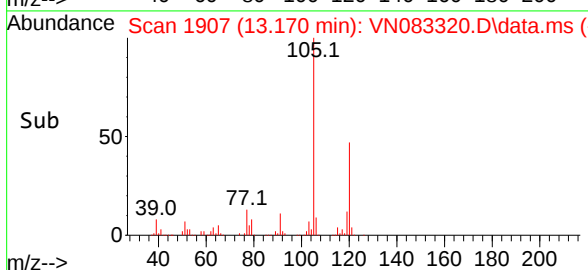
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

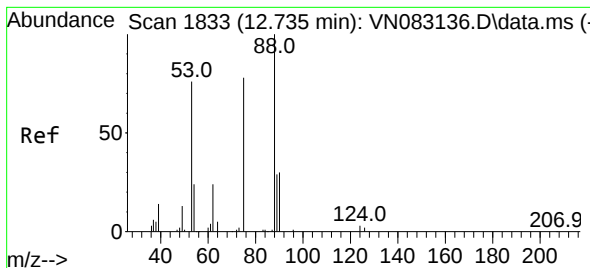


#80
1,3,5-Trimethylbenzene
Concen: 50.975 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



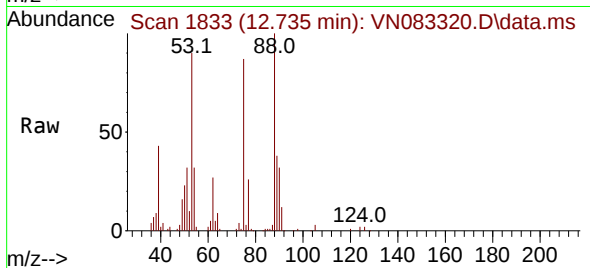
Tgt Ion:105 Resp: 425132
Ion Ratio Lower Upper
105 100
120 47.1 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 50.197 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

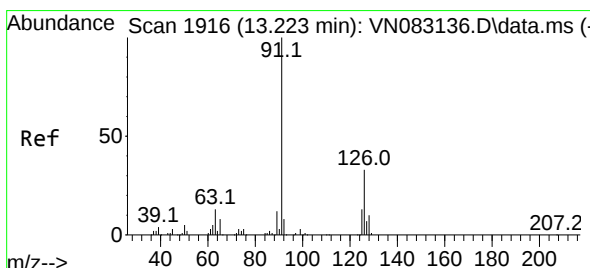
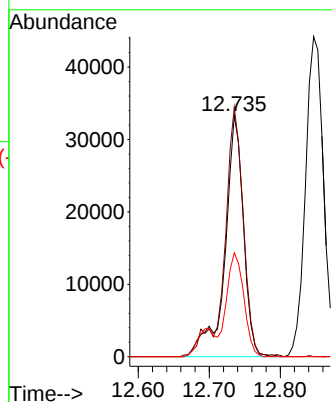
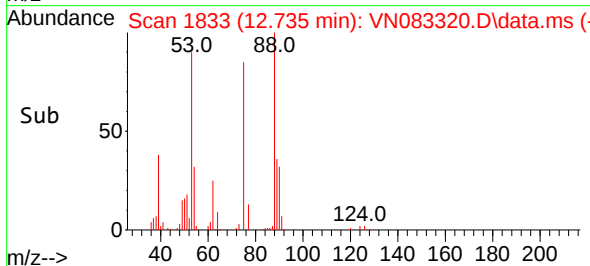
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 60320
Ion Ratio Lower Upper
75 100
53 104.7 88.4 132.6
89 39.8 36.3 54.5

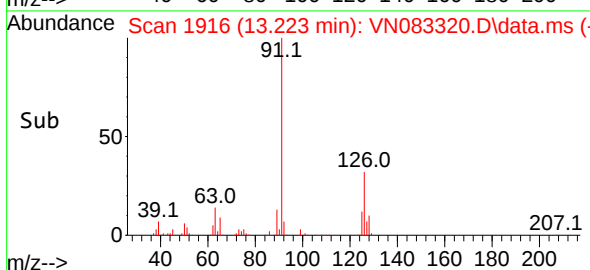
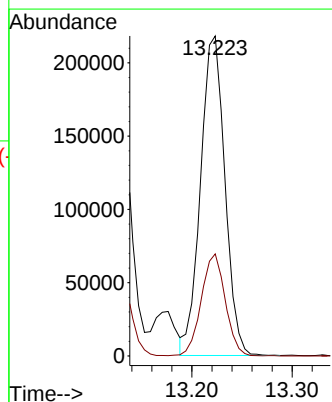
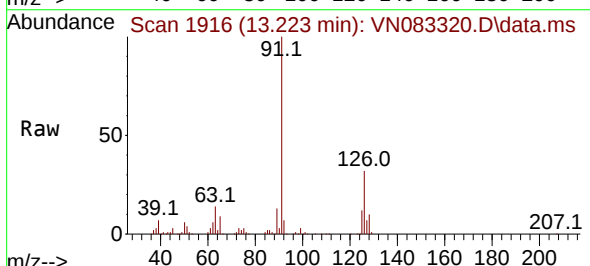
Manual Integrations
APPROVED

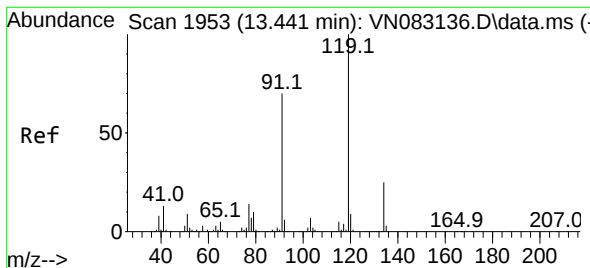
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#82
4-Chlorotoluene
Concen: 50.502 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

Tgt Ion: 91 Resp: 368395
Ion Ratio Lower Upper
91 100
126 31.6 16.2 48.6





#83

tert-Butylbenzene

Concen: 50.627 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN083320.D

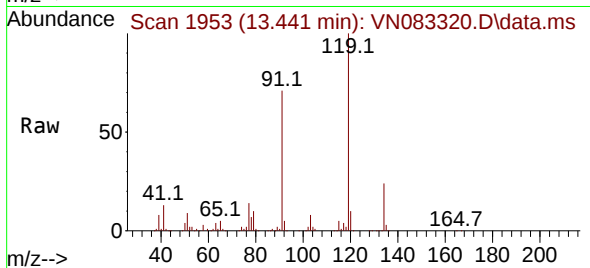
Acq: 15 Aug 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:119 Resp: 373924

Ion Ratio Lower Upper

119 100

91 69.8 35.0 105.1

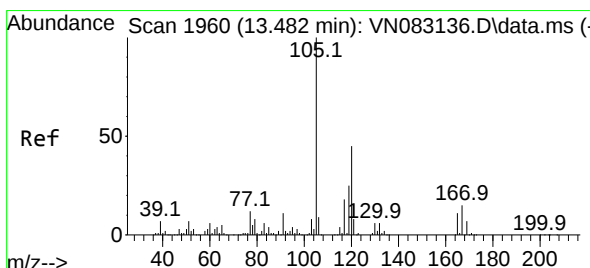
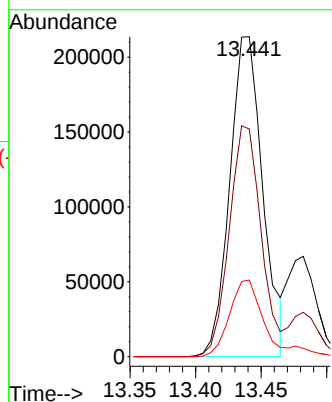
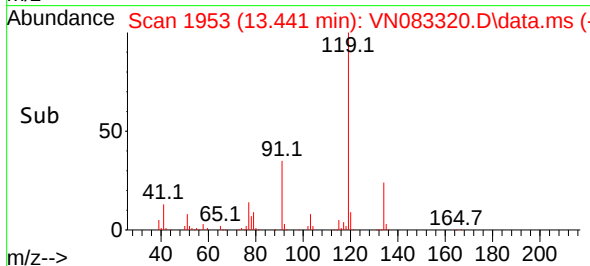
134 25.8 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#84

1,2,4-Trimethylbenzene

Concen: 51.683 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083320.D

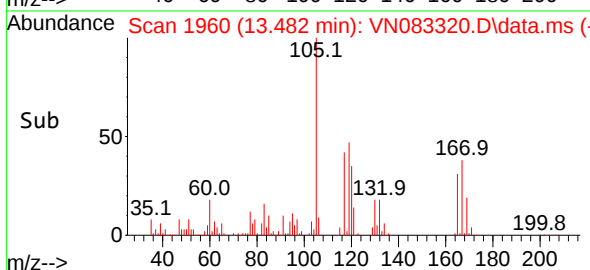
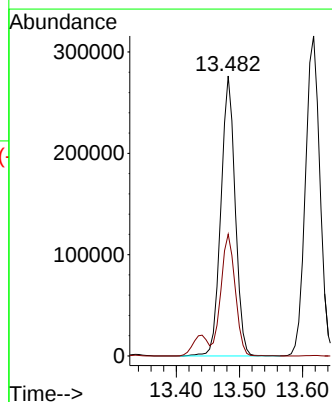
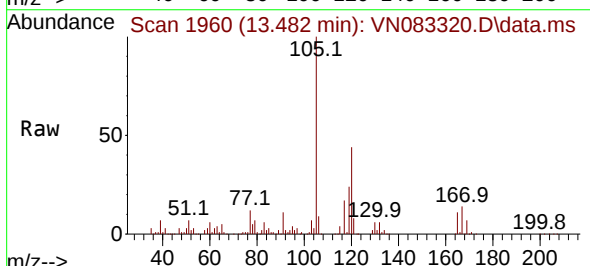
Acq: 15 Aug 2024 10:26

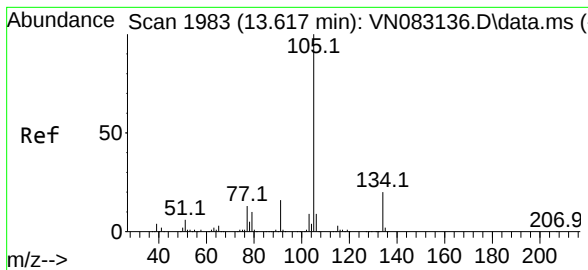
Tgt Ion:105 Resp: 434391

Ion Ratio Lower Upper

105 100

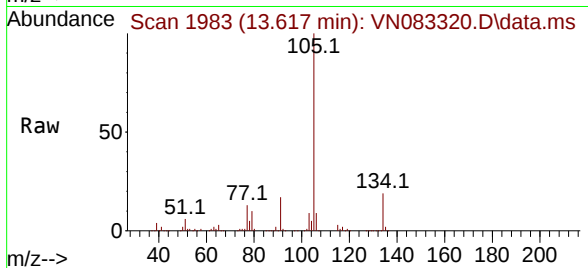
120 43.8 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 49.940 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083320.D
 Acq: 15 Aug 2024 10:26

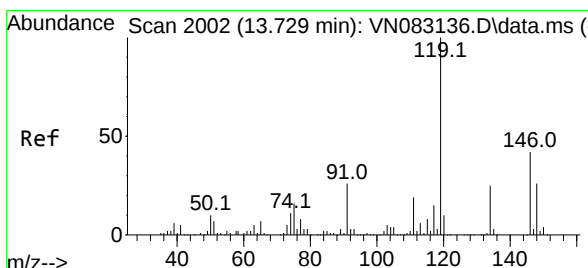
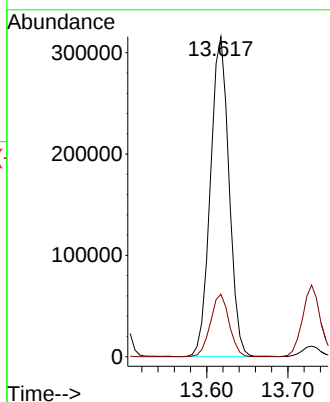
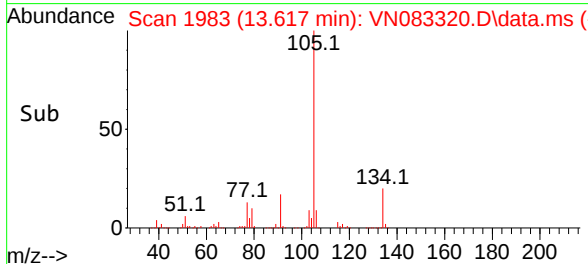
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



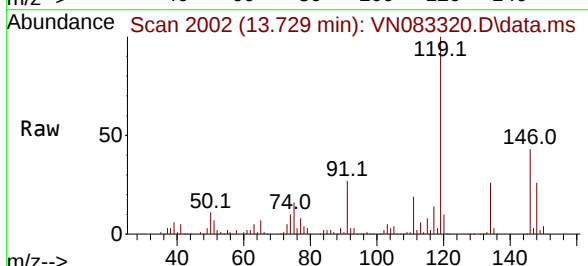
Tgt Ion:105 Resp: 50329
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

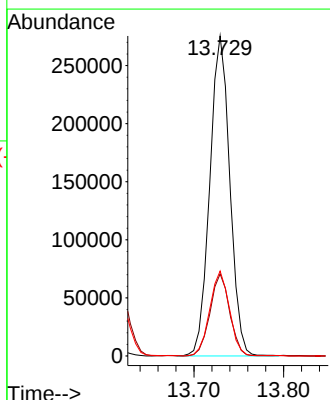
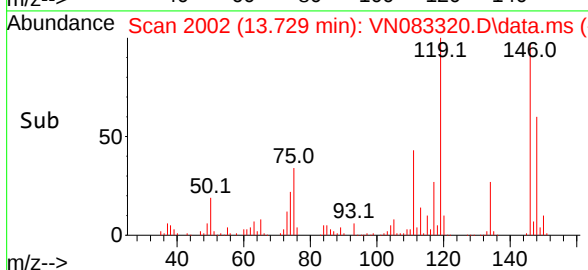
Reviewed By :John Carlone 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

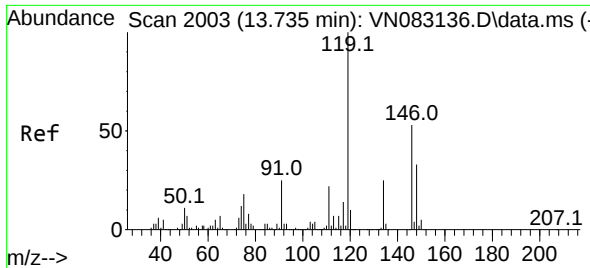


#86
 p-Isopropyltoluene
 Concen: 51.367 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083320.D
 Acq: 15 Aug 2024 10:26



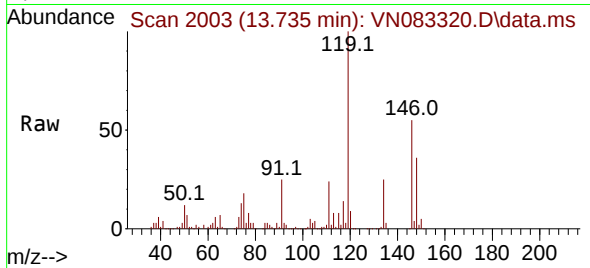
Tgt Ion:119 Resp: 427433
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.0 39.0
 91 26.0 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 51.117 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

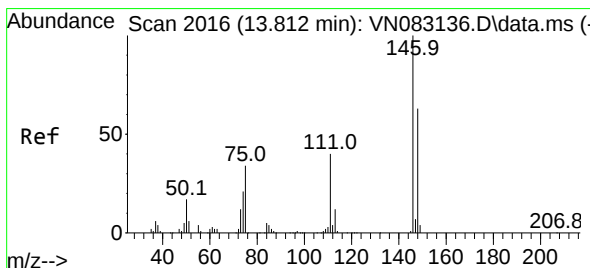
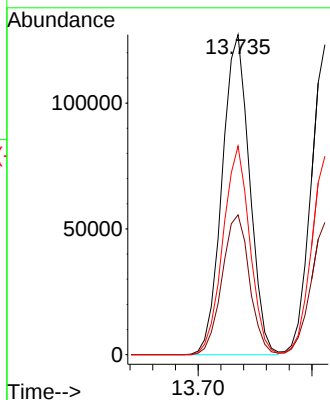
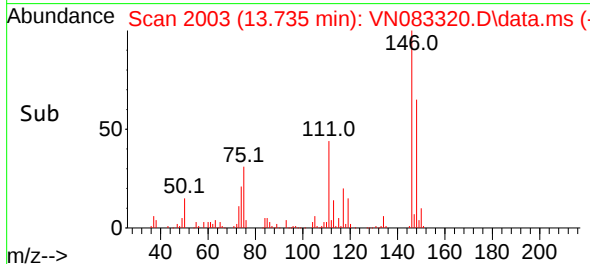
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



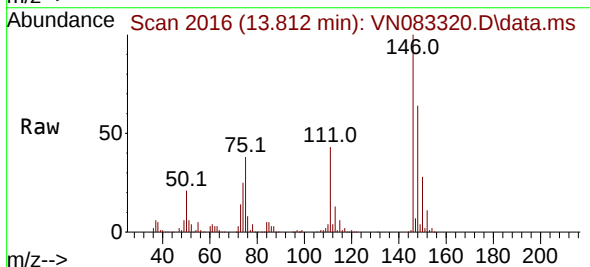
Tgt Ion:146 Resp: 21284
Ion Ratio Lower Upper
146 100
111 43.7 20.6 61.9
148 63.7 31.8 95.3

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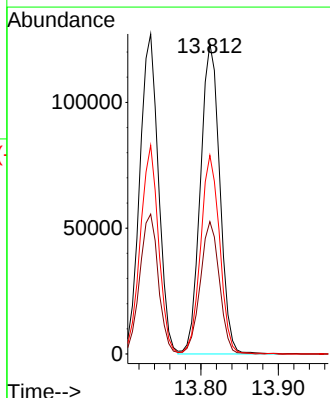
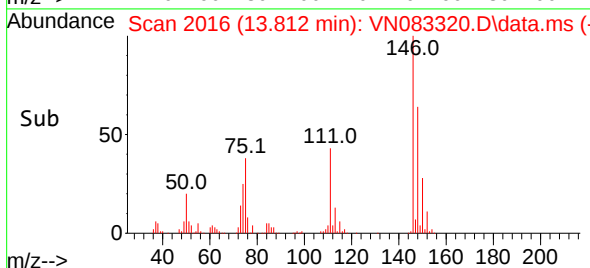
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

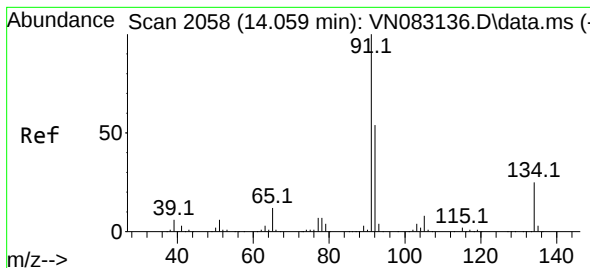


#88
1,4-Dichlorobenzene
Concen: 51.055 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



Tgt Ion:146 Resp: 214322
Ion Ratio Lower Upper
146 100
111 41.6 20.1 60.3
148 62.8 32.2 96.6





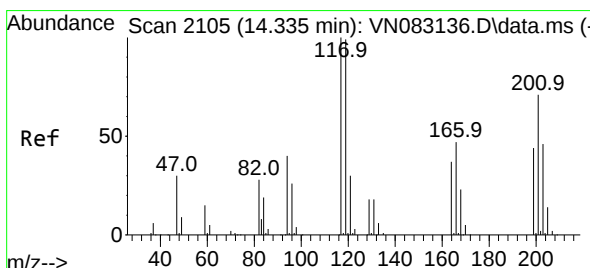
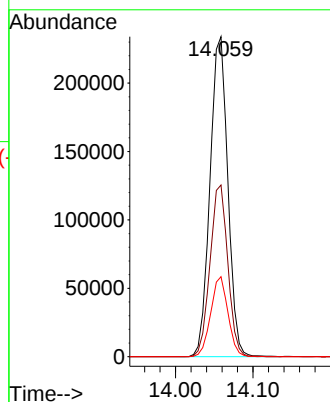
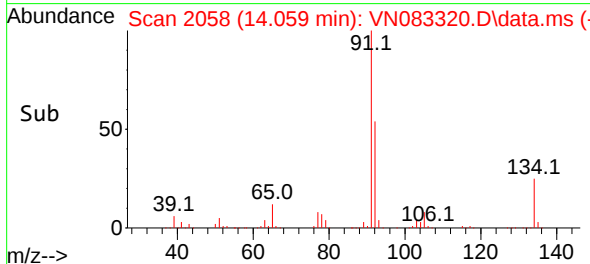
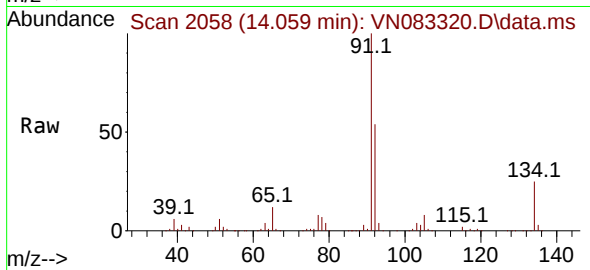
#89
n-Butylbenzene
Concen: 51.722 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 37293
Ion Ratio Lower Upper
91 100
92 53.6 26.1 78.3
134 24.3 12.1 36.3

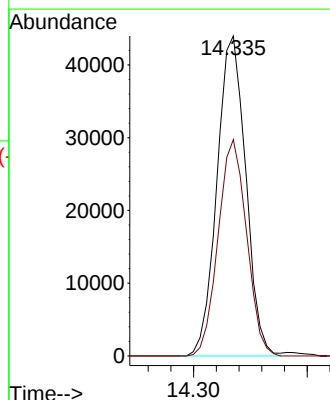
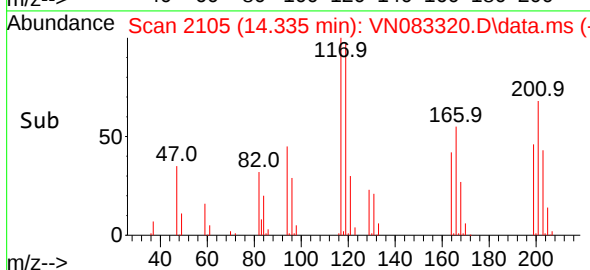
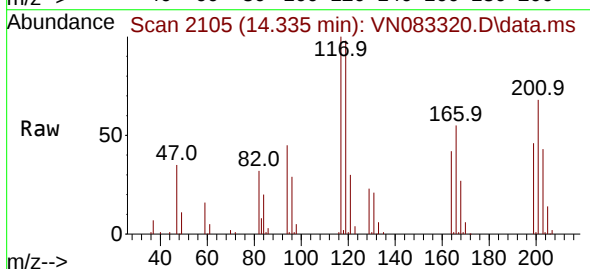
Manual Integrations
APPROVED

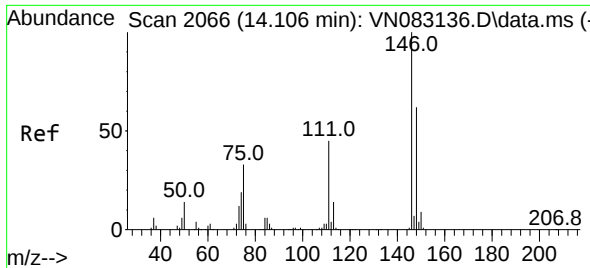
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#90
Hexachloroethane
Concen: 48.094 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

Tgt Ion:117 Resp: 77318
Ion Ratio Lower Upper
117 100
201 66.9 35.8 107.3





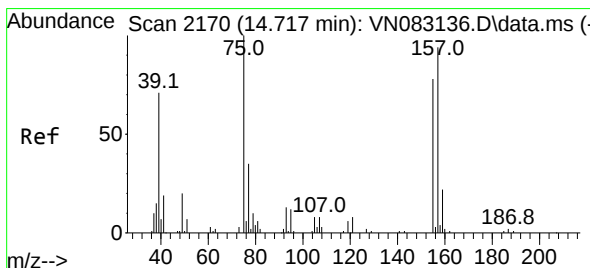
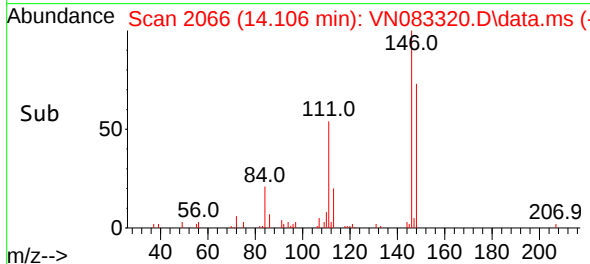
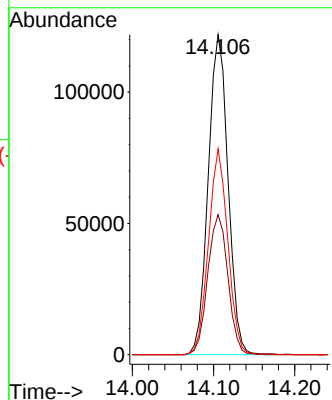
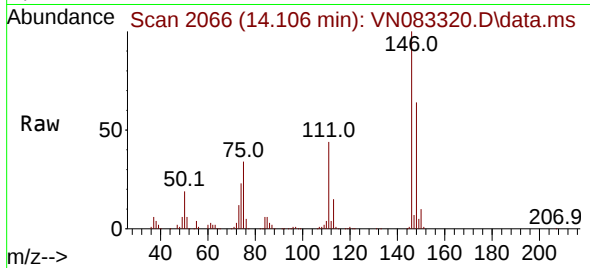
#91
1,2-Dichlorobenzene
Concen: 51.250 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 20650
Ion Ratio Lower Upper
146 100
111 44.5 21.4 64.2
148 62.8 32.1 96.5

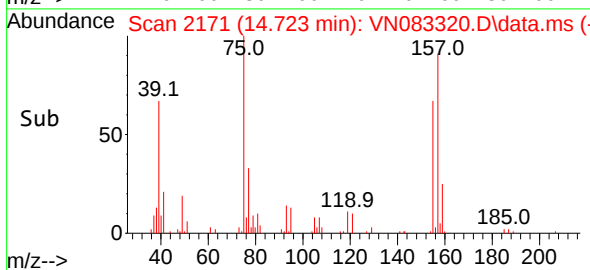
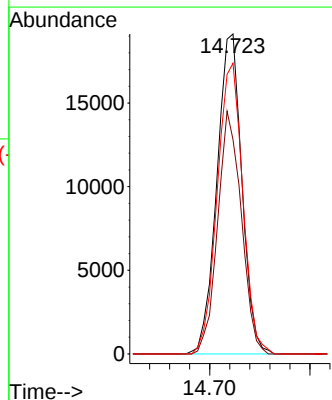
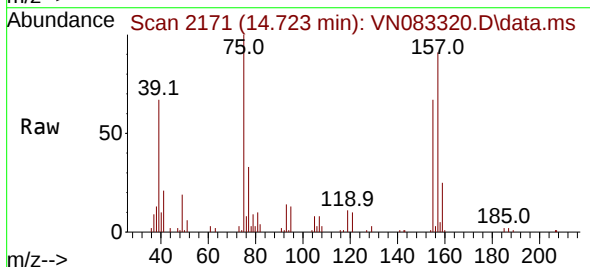
Manual Integrations
APPROVED

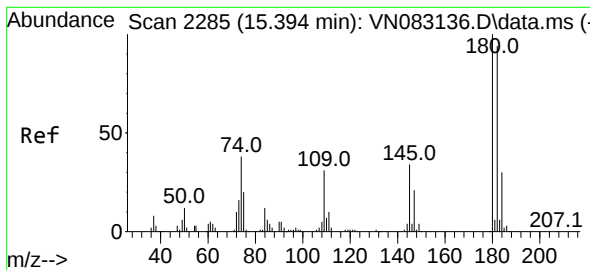
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.324 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

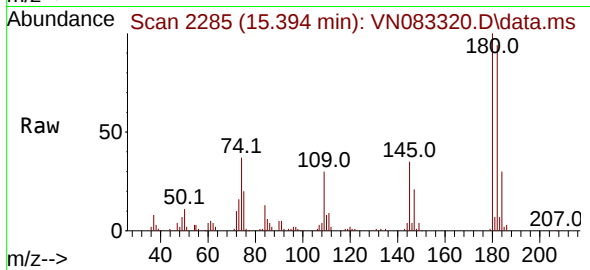
Tgt Ion: 75 Resp: 33039
Ion Ratio Lower Upper
75 100
155 71.8 36.6 109.8
157 92.8 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 50.369 ug/l
RT: 15.394 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26

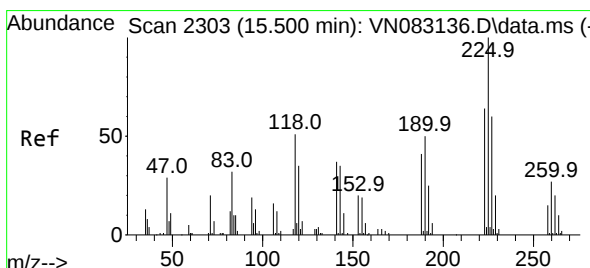
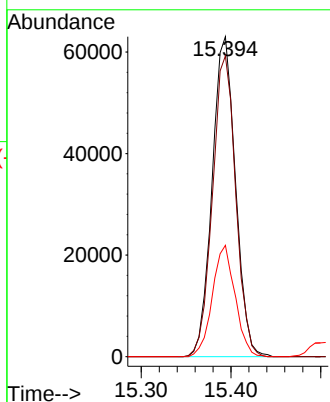
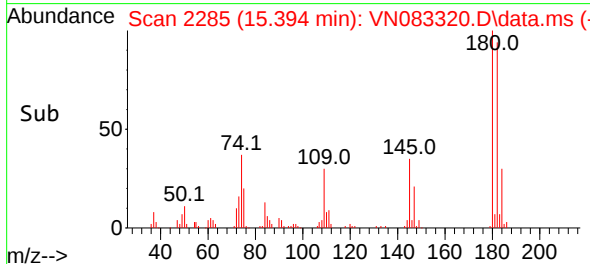
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



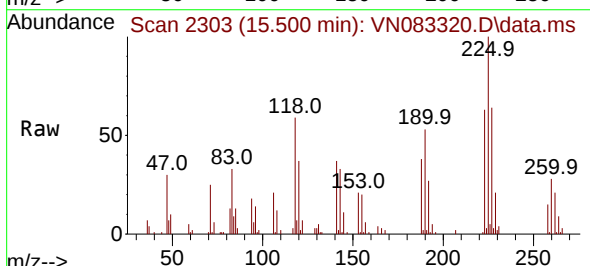
Tgt Ion:180 Resp: 113702
Ion Ratio Lower Upper
180 100
182 93.6 47.3 141.8
145 33.9 15.7 47.1

Manual Integrations
APPROVED

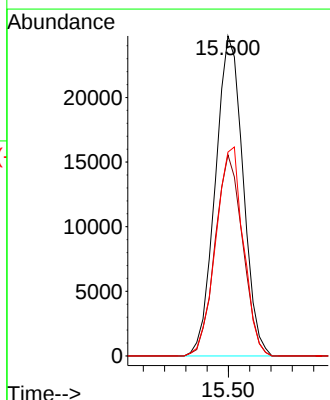
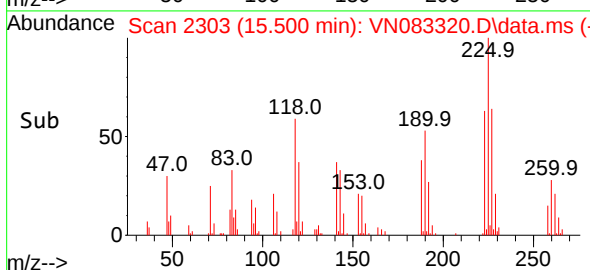
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

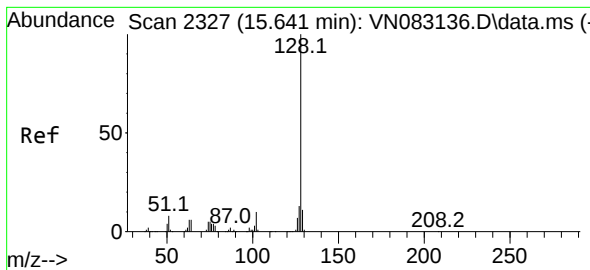


#94
Hexachlorobutadiene
Concen: 44.479 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN083320.D
Acq: 15 Aug 2024 10:26



Tgt Ion:225 Resp: 44654
Ion Ratio Lower Upper
225 100
223 62.8 31.9 95.7
227 65.1 32.5 97.5





#95

Naphthalene

Concen: 49.765 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN083320.D

Acq: 15 Aug 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 397928

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

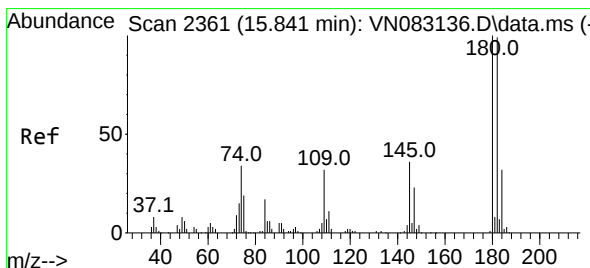
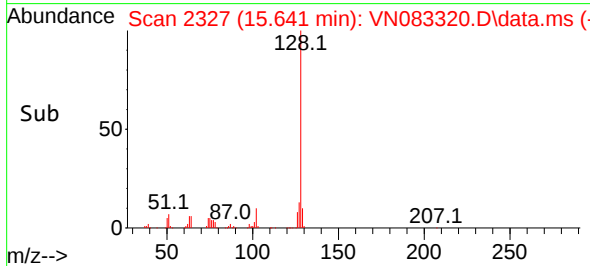
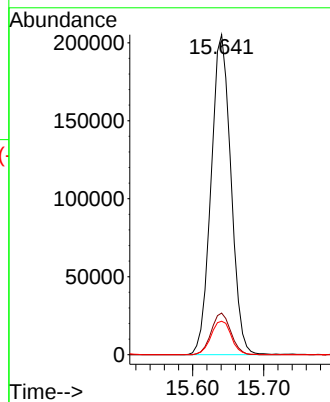
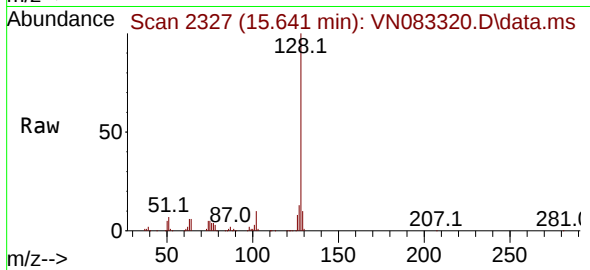
129 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#96

1,2,3-Trichlorobenzene

Concen: 49.988 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN083320.D

Acq: 15 Aug 2024 10:26

Tgt Ion:180 Resp: 111656

Ion Ratio Lower Upper

180 100

182 95.0 48.9 146.8

145 35.8 16.8 50.4

