

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083867.D
 Acq On : 13 Sep 2024 10:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2024
 Supervised By : Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 15:12:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	138682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	219092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	107994	51.644	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.280%			
35) Dibromofluoromethane	8.165	113	75651	47.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.040%			
50) Toluene-d8	10.565	98	274343	49.323	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.640%			
62) 4-Bromofluorobenzene	12.847	95	106822	46.549	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	77847	48.335	ug/l	98
3) Chloromethane	2.359	50	83713	50.934	ug/l	98
4) Vinyl Chloride	2.518	62	86002	48.717	ug/l	99
5) Bromomethane	2.900	94	49688	49.022	ug/l	95
6) Chloroethane	3.065	64	57679	46.578	ug/l	98
7) Trichlorofluoromethane	3.465	101	144267	48.144	ug/l	99
8) Diethyl Ether	3.953	74	53451	53.213	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	75408	47.477	ug/l	99
10) Methyl Iodide	4.577	142	101690	50.341	ug/l	95
11) Tert butyl alcohol	5.541	59	93858	335.181	ug/l	96
12) 1,1-Dichloroethene	4.324	96	75406	50.271	ug/l	93
13) Acrolein	4.177	56	70697	255.881	ug/l	95
14) Allyl chloride	5.006	41	127952	47.872	ug/l	97
15) Acrylonitrile	5.724	53	202873	266.404	ug/l	98
16) Acetone	4.430	43	185601	221.406	ug/l	99
17) Carbon Disulfide	4.694	76	187127	44.598	ug/l	99
18) Methyl Acetate	5.018	43	102445	58.987	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	286202	52.728	ug/l	100
20) Methylene Chloride	5.265	84	84698	49.374	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	77381	48.137	ug/l	95
22) Diisopropyl ether	6.665	45	291813	53.038	ug/l	98
23) Vinyl Acetate	6.600	43	1071088	265.831	ug/l	98
24) 1,1-Dichloroethane	6.565	63	158235	49.919	ug/l	98
25) 2-Butanone	7.482	43	282418	256.327	ug/l	98
26) 2,2-Dichloropropane	7.482	77	83203	28.502	ug/l	95
27) cis-1,2-Dichloroethene	7.482	96	95766	50.184	ug/l	97
28) Bromochloromethane	7.812	49	75539	56.589	ug/l	96
29) Tetrahydrofuran	7.835	42	181909	279.224	ug/l	98
30) Chloroform	7.965	83	169655	50.414	ug/l	99
31) Cyclohexane	8.247	56	131258	43.430	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	156881	50.700	ug/l	99
36) 1,1-Dichloropropene	8.371	75	113205	46.746	ug/l	98
37) Ethyl Acetate	7.559	43	114649	52.157	ug/l	99
38) Carbon Tetrachloride	8.359	117	133927	48.747	ug/l	97
39) Methylcyclohexane	9.600	83	120980	43.889	ug/l	97
40) Benzene	8.606	78	351308	48.197	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.776	41	62274	47.899	ug/l	94
42) 1,2-Dichloroethane	8.671	62	136064	49.957	ug/l	100
43) Isopropyl Acetate	8.688	43	208731	52.400	ug/l	98
44) Trichloroethene	9.347	130	82536	48.898	ug/l	99
45) 1,2-Dichloropropane	9.623	63	87653	49.755	ug/l	96
46) Dibromomethane	9.706	93	62382	50.555	ug/l	99
47) Bromodichloromethane	9.888	83	132183	49.497	ug/l	99
48) Methyl methacrylate	9.676	41	100039	52.934	ug/l	98
49) 1,4-Dioxane	9.694	88	31560	1015.132	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	590663	272.402	ug/l	97
52) Toluene	10.629	92	219465	49.225	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	126070	46.574	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	132725	46.678	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	83840	50.370	ug/l	97
56) Ethyl methacrylate	10.870	69	140739	54.958	ug/l	96
57) 1,3-Dichloropropane	11.165	76	144343	50.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	291604	316.022	ug/l	98
59) 2-Hexanone	11.194	43	430625	268.472	ug/l	98
60) Dibromochloromethane	11.359	129	95523	51.280	ug/l	99
61) 1,2-Dibromoethane	11.470	107	83312	50.188	ug/l	100
64) Tetrachloroethene	11.100	164	71851	49.314	ug/l	94
65) Chlorobenzene	11.888	112	230100	47.254	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	84878	50.281	ug/l	98
67) Ethyl Benzene	11.964	91	425946	49.241	ug/l	97
68) m/p-Xylenes	12.070	106	312076	97.174	ug/l	99
69) o-Xylene	12.400	106	155466	50.006	ug/l	98
70) Styrene	12.411	104	259943	50.946	ug/l	99
71) Bromoform	12.576	173	60781	53.432	ug/l #	97
73) Isopropylbenzene	12.694	105	399225	47.076	ug/l	99
74) N-amyl acetate	12.494	43	188757	52.168	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	120752	48.461	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	102875m	46.512	ug/l	
77) Bromobenzene	12.982	156	92093	45.114	ug/l	99
78) n-propylbenzene	13.035	91	454396	46.051	ug/l	99
79) 2-Chlorotoluene	13.123	91	294116	46.739	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	331523	46.368	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	34089	40.366	ug/l	92
82) 4-Chlorotoluene	13.217	91	293529	46.482	ug/l	100
83) tert-Butylbenzene	13.435	119	293146	46.863	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	337830	47.038	ug/l	99
85) sec-Butylbenzene	13.611	105	387968	46.766	ug/l	99
86) p-Isopropyltoluene	13.729	119	323346	46.496	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	171514	44.520	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	172069	44.109	ug/l	99
89) n-Butylbenzene	14.053	91	271193	43.434	ug/l	99
90) Hexachloroethane	14.335	117	63840	45.667	ug/l	98
91) 1,2-Dichlorobenzene	14.105	146	173631	46.699	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26683	53.720	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	87990	44.101	ug/l	98
94) Hexachlorobutadiene	15.500	225	35617	42.035	ug/l	98
95) Naphthalene	15.641	128	301761	49.713	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	84359	44.241	ug/l	99

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

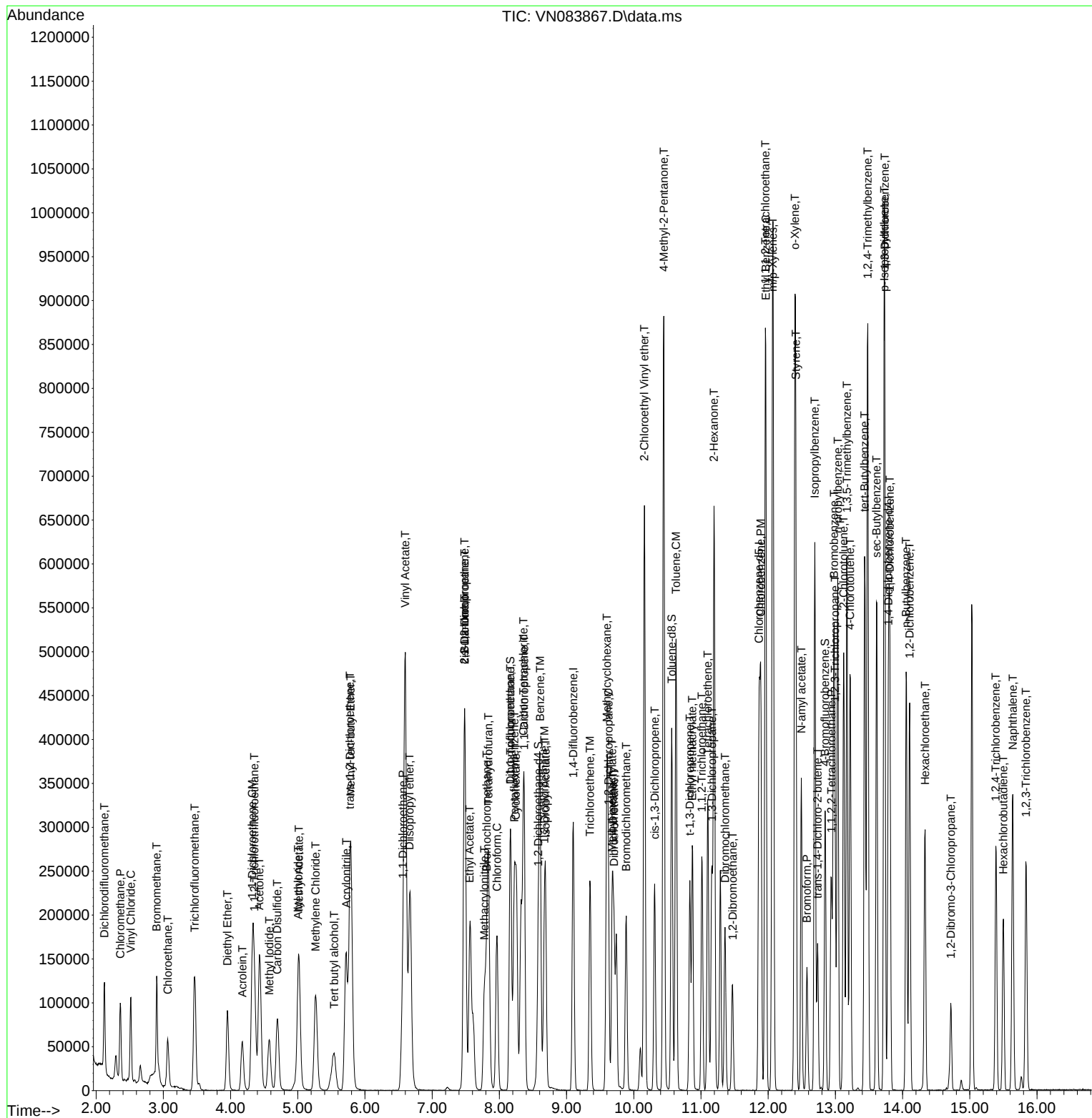
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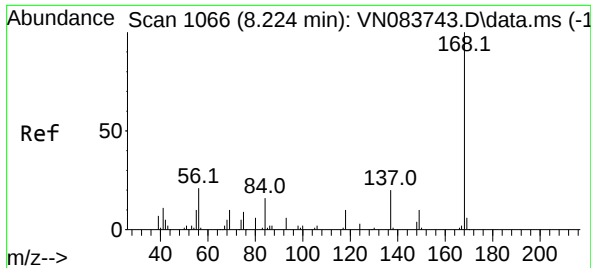
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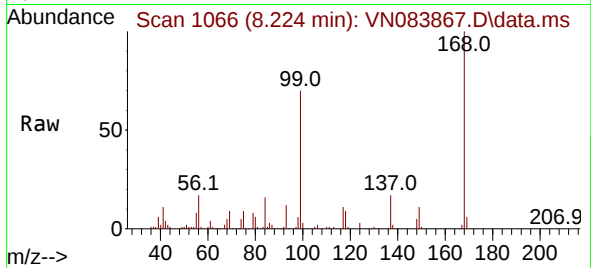
Reviewed By :John Carlone 09/13/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083867.D
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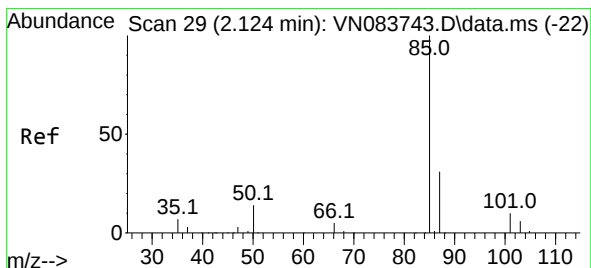
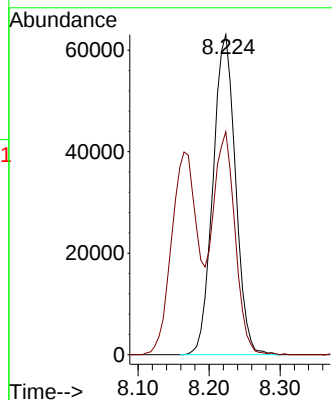
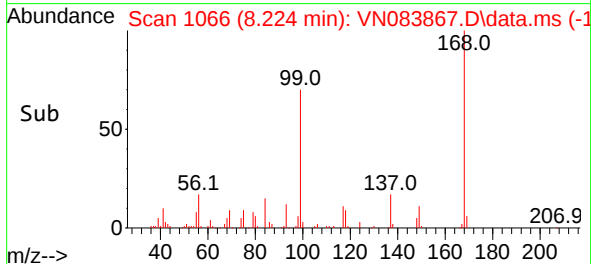
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 13868
Ion Ratio Lower Upper
168 100
99 69.6 54.2 81.2

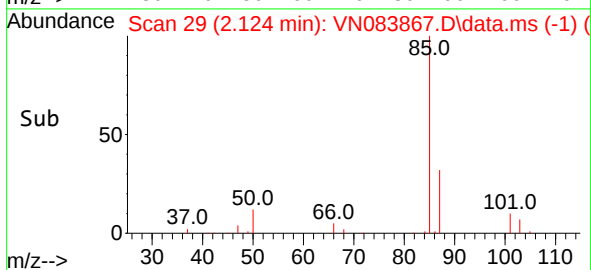
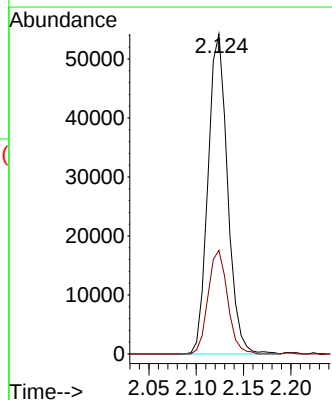
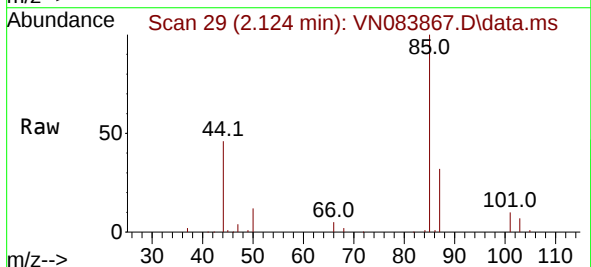
Manual Integrations
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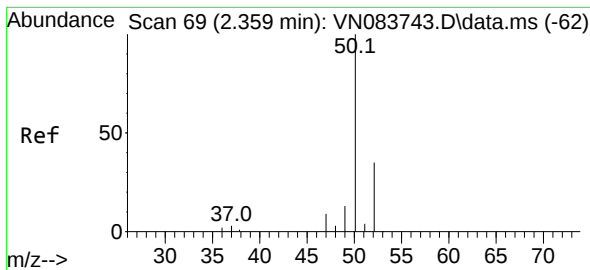
Reviewed By :John Carlone 09/13/2024
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#2
Dichlorodifluoromethane
Concen: 48.335 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Tgt Ion: 85 Resp: 77847
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0





#3

Chloromethane

Concen: 50.934 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 8371

Ion Ratio Lower Upper

50 100

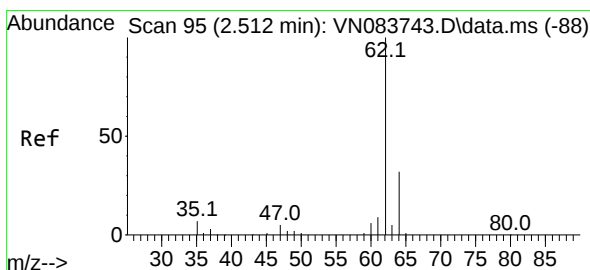
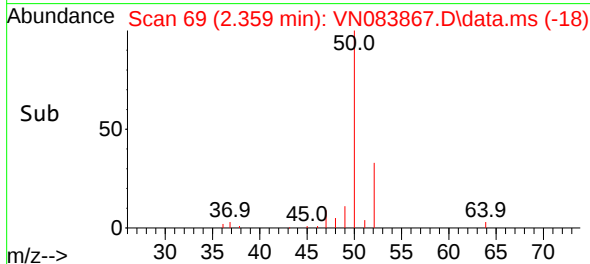
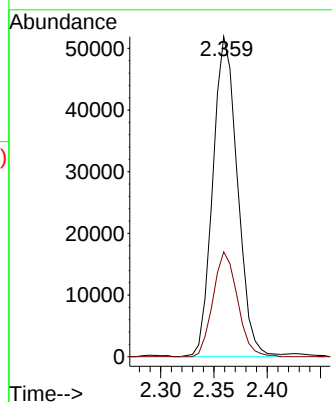
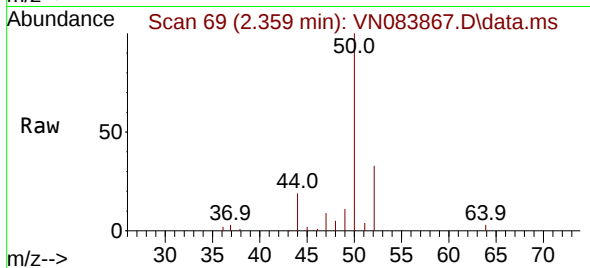
52 32.7 27.2 40.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.717 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN083867.D

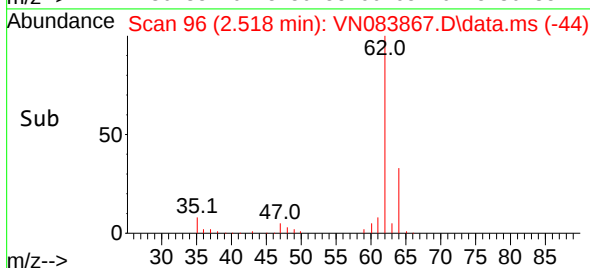
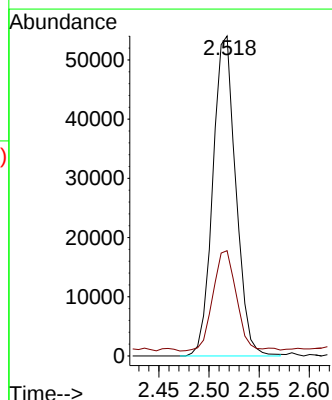
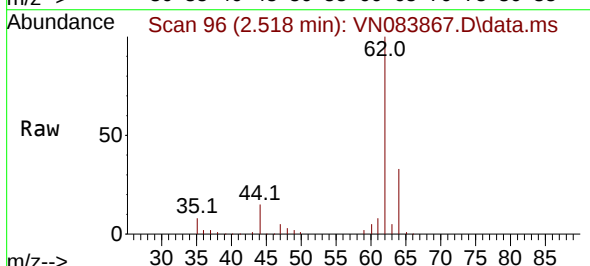
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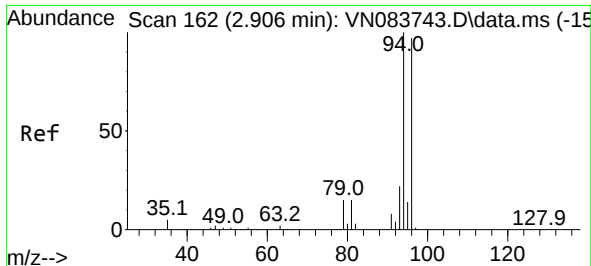
Tgt Ion: 62 Resp: 86002

Ion Ratio Lower Upper

62 100

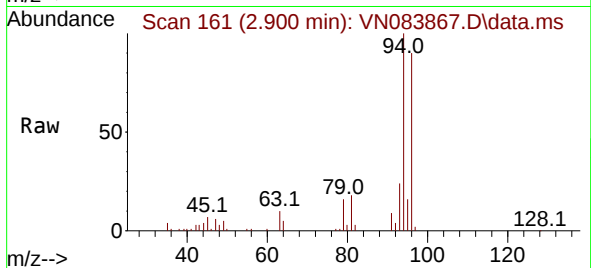
64 31.4 24.7 37.1





#5
Bromomethane
Concen: 49.022 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

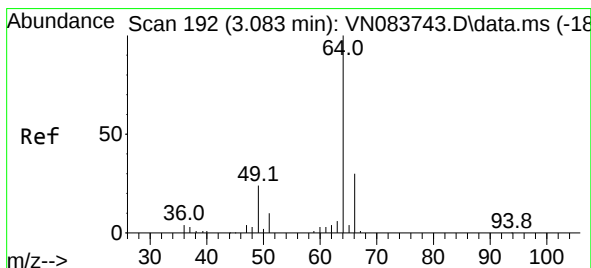
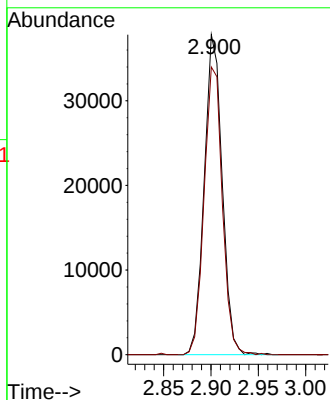
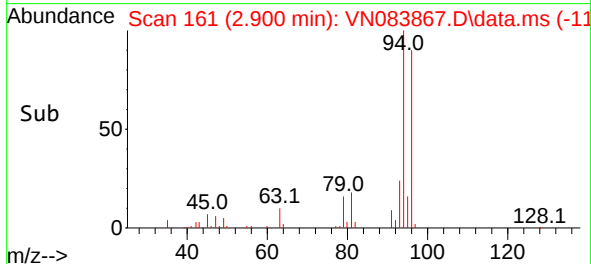
Instrument :
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Tgt Ion: 94 Resp: 49688
Ion Ratio Lower Upper
94 100
96 89.9 76.0 114.0

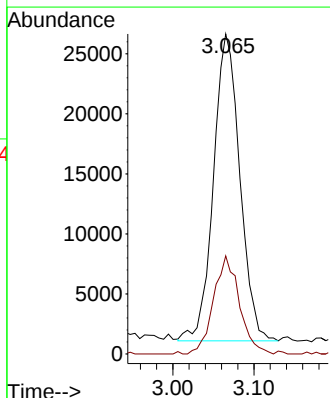
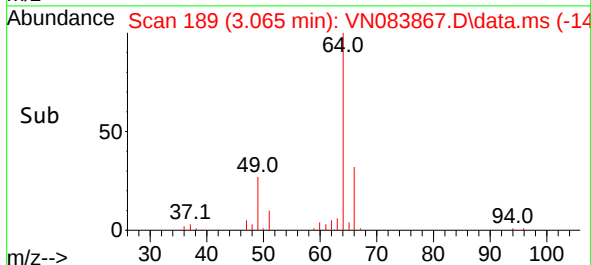
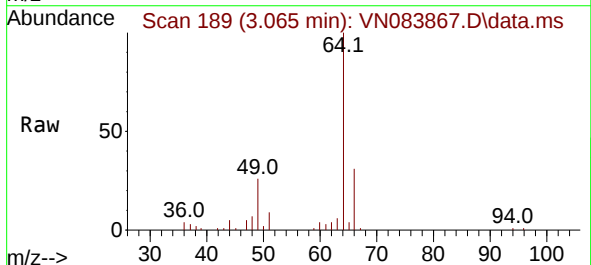
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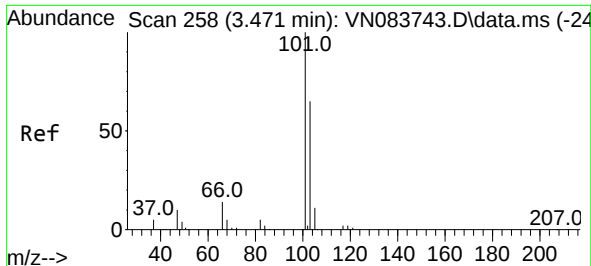
Reviewed By :John Carlone 09/13/2024
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#6
Chloroethane
Concen: 46.578 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.018 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

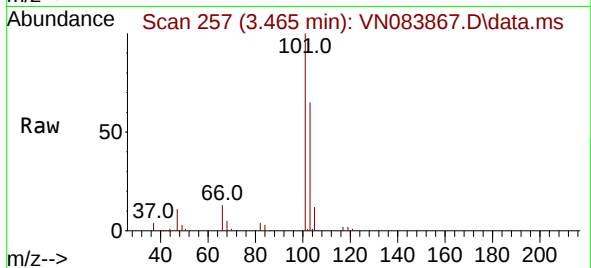
Tgt Ion: 64 Resp: 57679
Ion Ratio Lower Upper
64 100
66 31.2 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 48.144 ug/l
 RT: 3.465 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN083867.D
 Acq: 13 Sep 2024 10:35

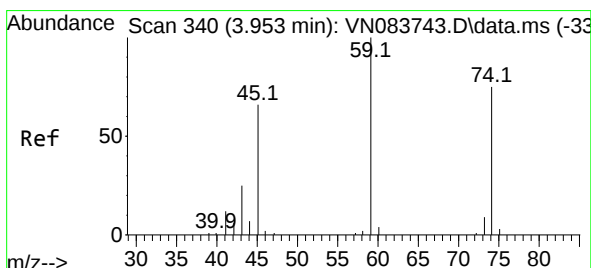
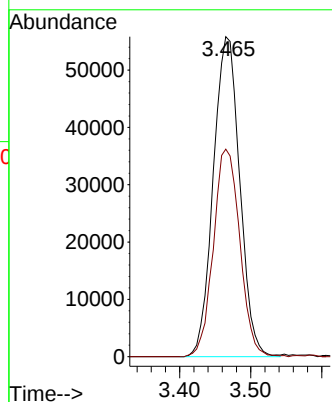
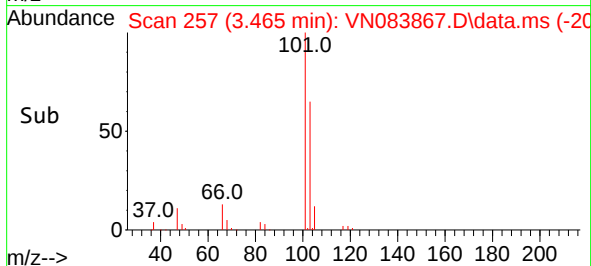
Instrument :
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Tgt Ion:101 Resp: 14426
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.0

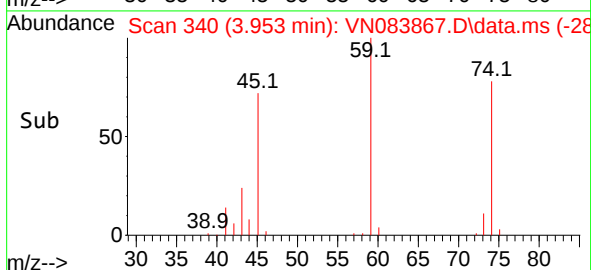
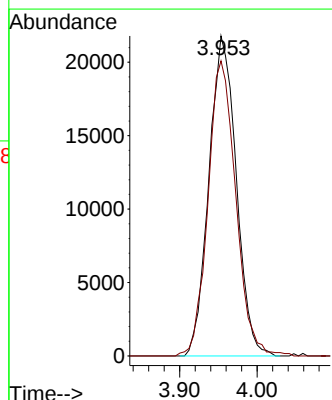
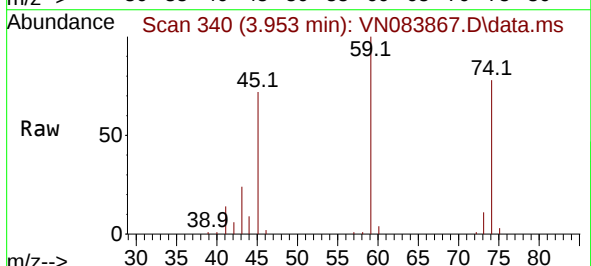
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#8
 Diethyl Ether
 Concen: 53.213 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN083867.D
 Acq: 13 Sep 2024 10:35

Tgt Ion: 74 Resp: 53451
 Ion Ratio Lower Upper
 74 100
 45 93.8 46.7 140.1





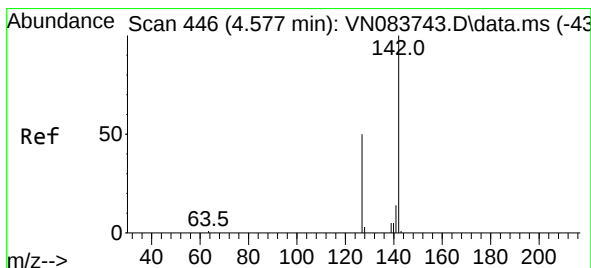
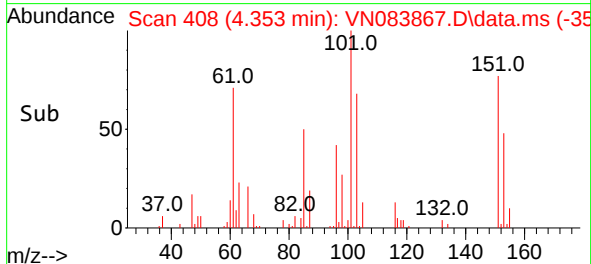
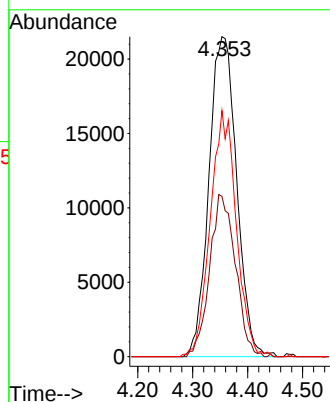
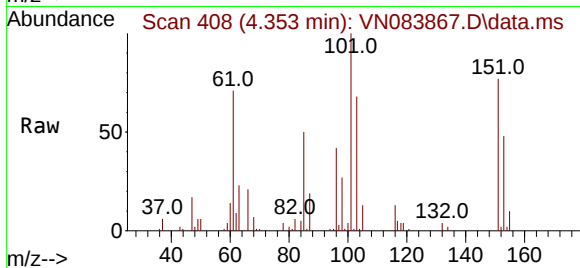
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.477 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 75408
Ion Ratio Lower Upper
101 100
85 47.1 36.2 54.4
151 72.0 57.7 86.5

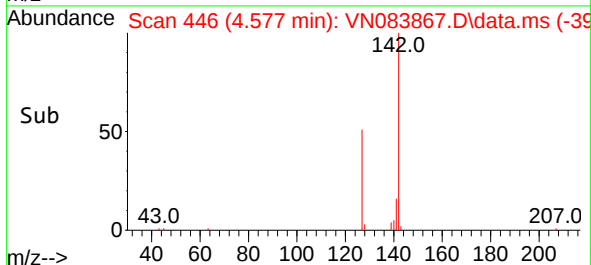
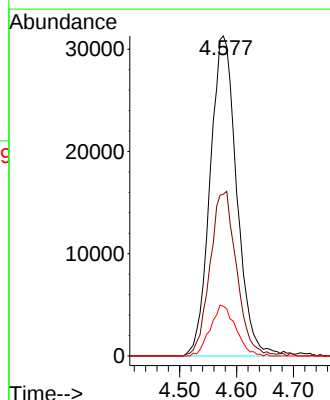
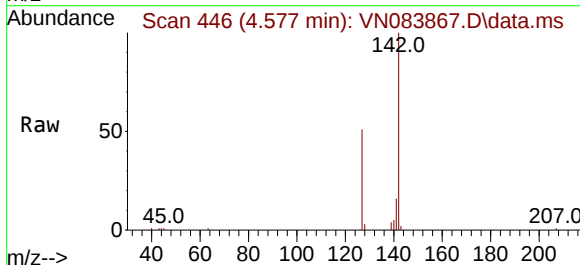
Manual Integrations
APPROVED

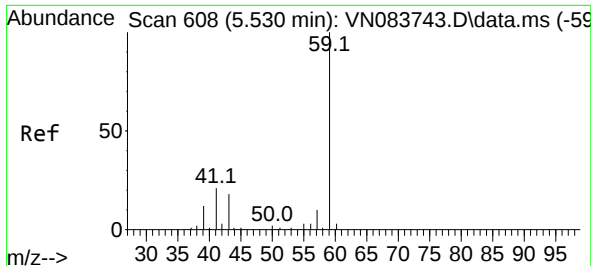
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#10
Methyl Iodide
Concen: 50.341 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

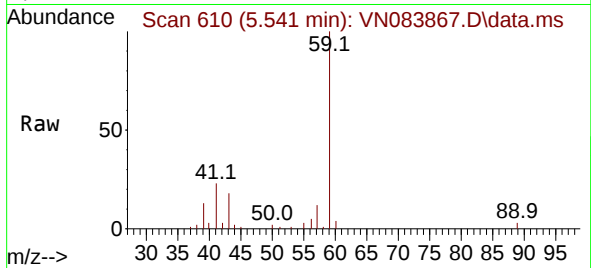
Tgt Ion:142 Resp: 101690
Ion Ratio Lower Upper
142 100
127 50.6 37.5 56.3
141 15.5 11.0 16.4





#11
Tert butyl alcohol
Concen: 335.181 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

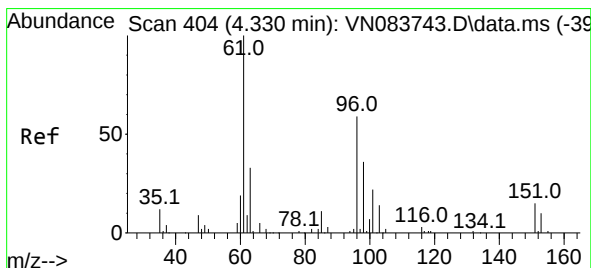
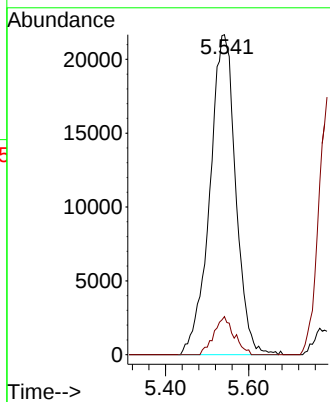
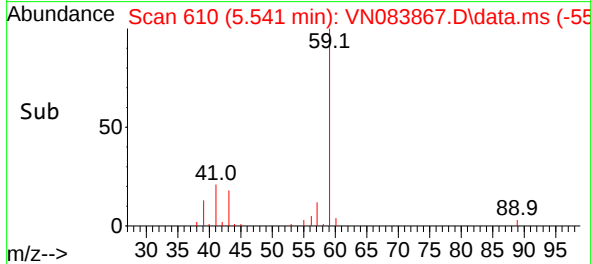
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



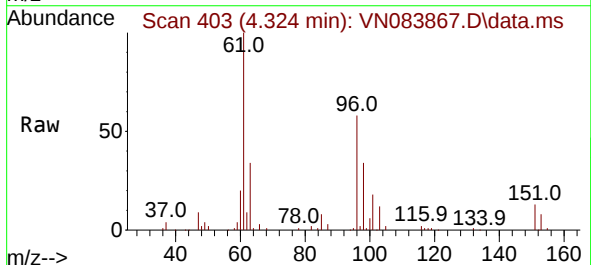
Tgt Ion: 59 Resp: 9385
Ion Ratio Lower Upper
59 100
57 9.2 8.7 13.1

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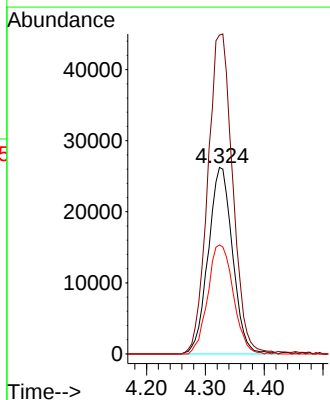
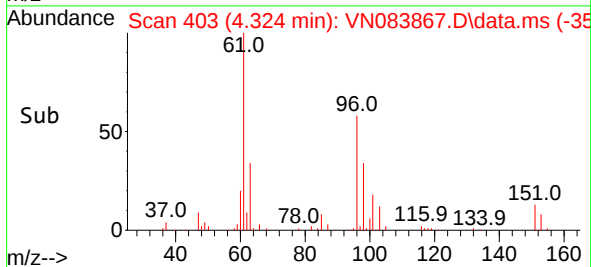
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

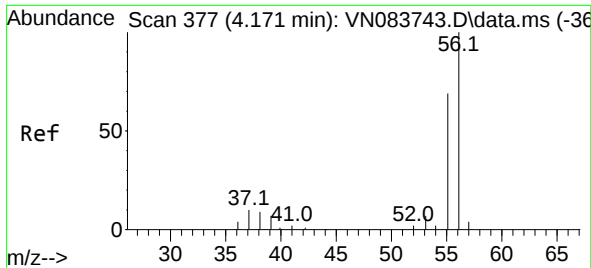


#12
1,1-Dichloroethene
Concen: 50.271 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35



Tgt Ion: 96 Resp: 75406
Ion Ratio Lower Upper
96 100
61 171.0 143.4 215.0
98 58.4 52.7 79.1





#13

Acrolein

Concen: 255.881 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 7069

Ion Ratio Lower Upper

56 100

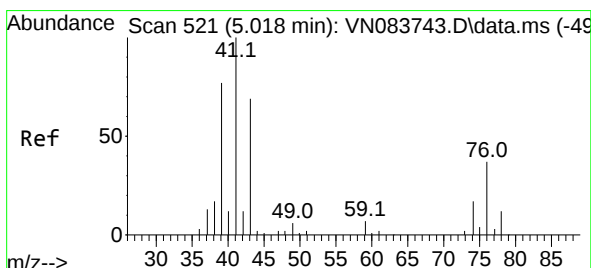
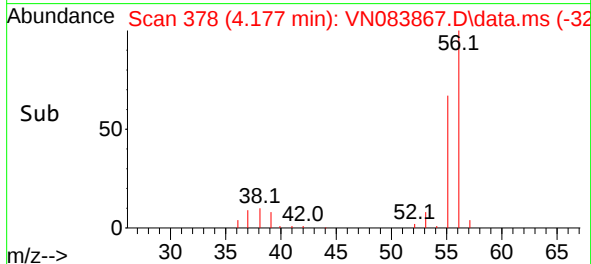
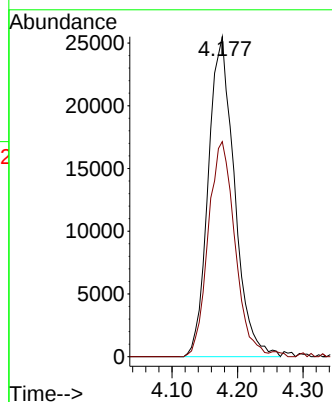
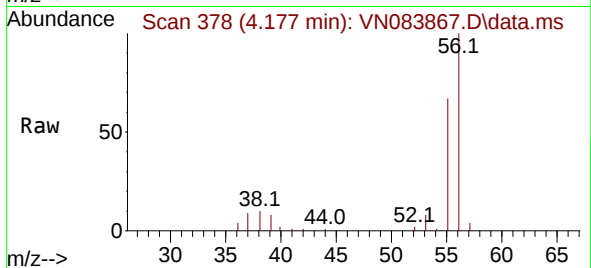
55 68.5 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#14

Allyl chloride

Concen: 47.872 ug/l

RT: 5.006 min Scan# 519

Delta R.T. -0.012 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

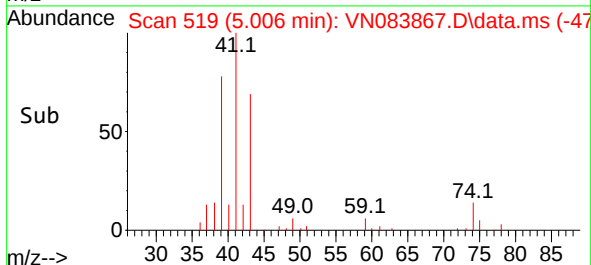
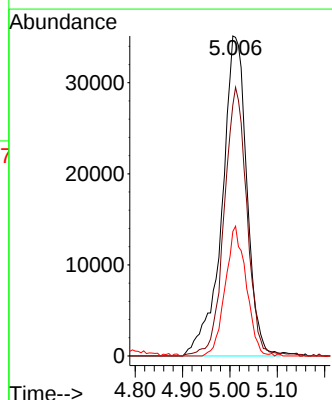
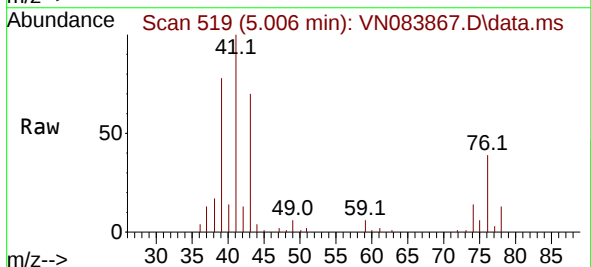
Tgt Ion: 41 Resp: 127952

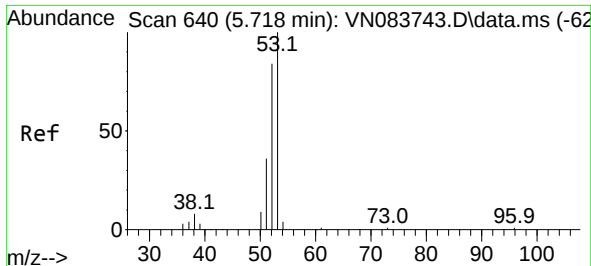
Ion Ratio Lower Upper

41 100

39 77.0 59.3 88.9

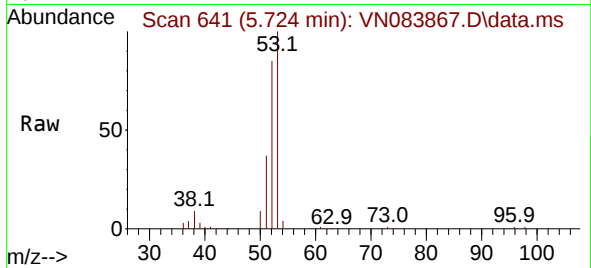
76 34.2 27.7 41.5





#15
Acrylonitrile
Concen: 266.404 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

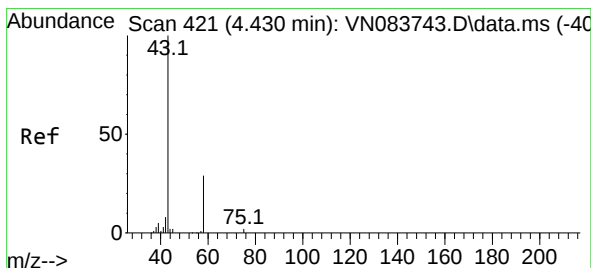
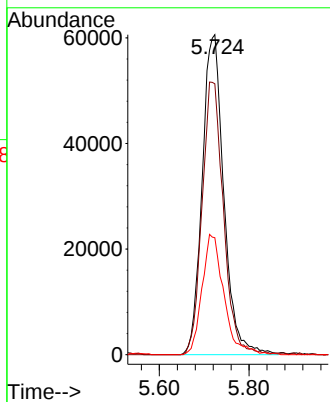
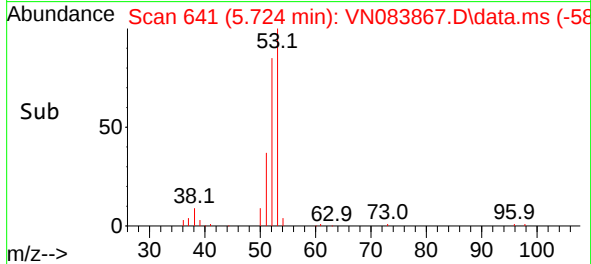
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 20287
Ion Ratio Lower Upper
53 100
52 84.3 66.1 99.1
51 38.0 29.6 44.4

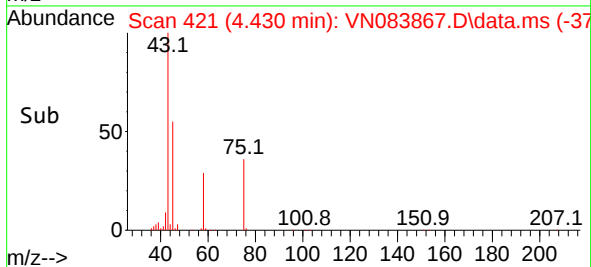
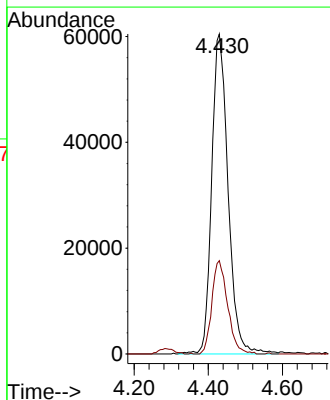
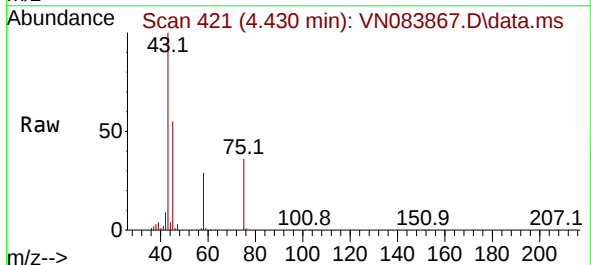
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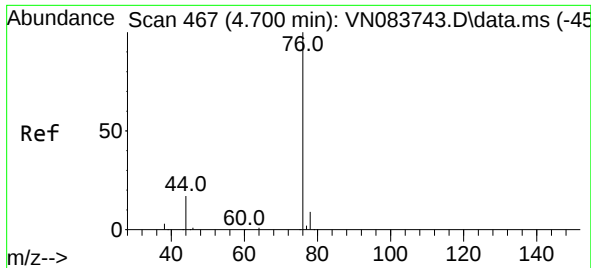
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#16
Acetone
Concen: 221.406 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Tgt Ion: 43 Resp: 185601
Ion Ratio Lower Upper
43 100
58 29.1 23.7 35.5





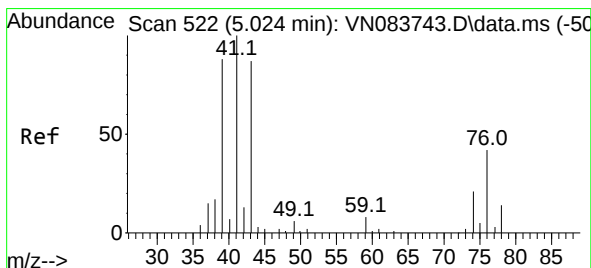
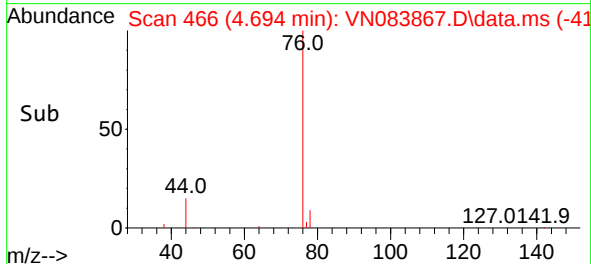
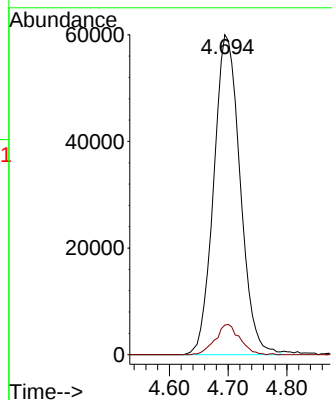
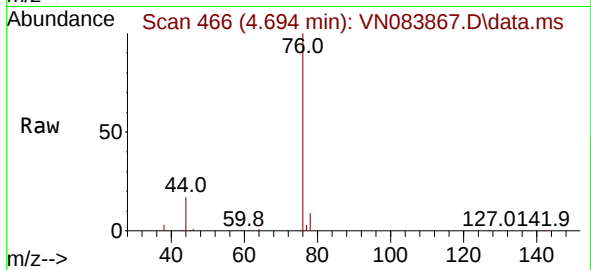
#17
Carbon Disulfide
Concen: 44.598 ug/l
RT: 4.694 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 18712
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

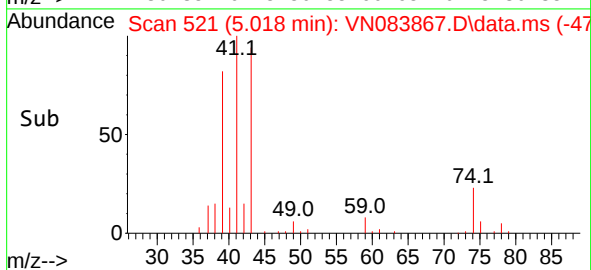
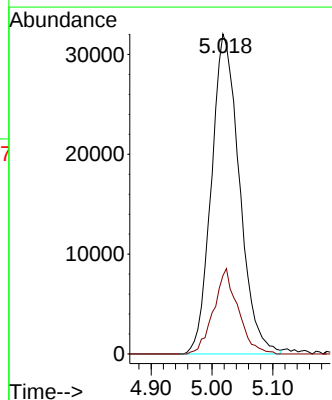
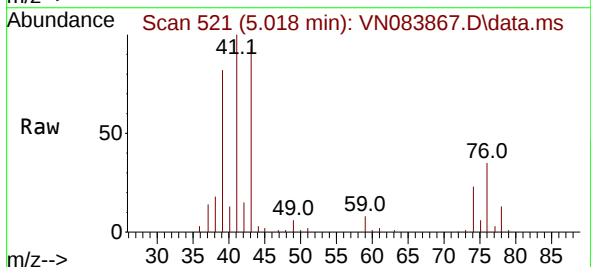
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#18
Methyl Acetate
Concen: 58.987 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

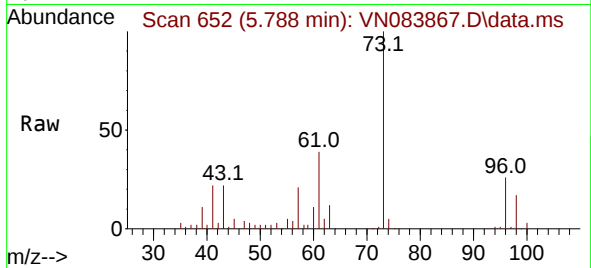
Tgt Ion: 43 Resp: 102445
Ion Ratio Lower Upper
43 100
74 23.4 19.0 28.4





#19
Methyl tert-butyl Ether
Concen: 52.728 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

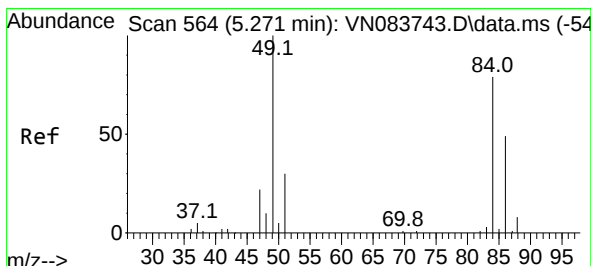
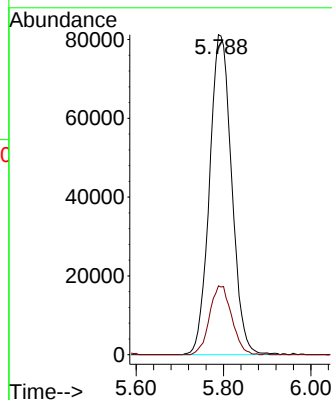
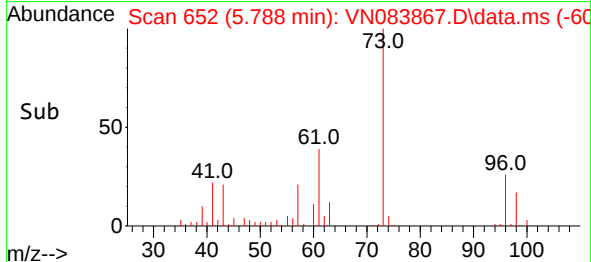
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



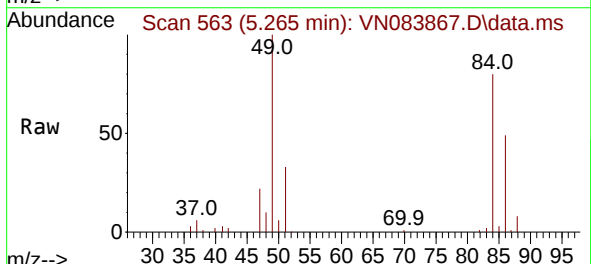
Tgt Ion: 73 Resp: 28620
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.6

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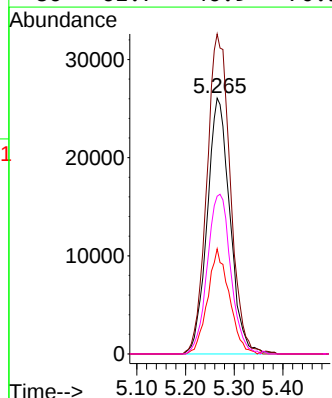
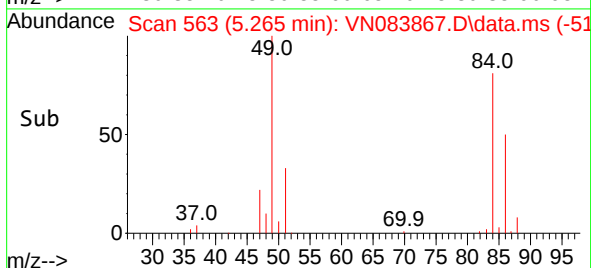
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

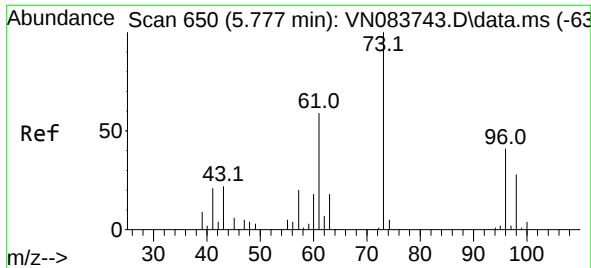


#20
Methylene Chloride
Concen: 49.374 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35



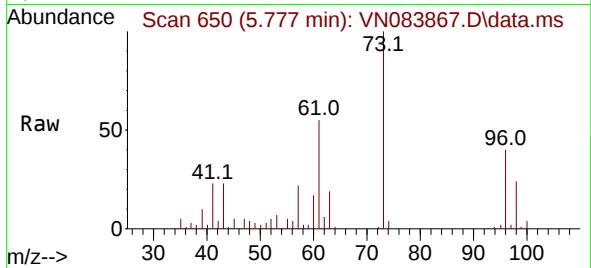
Tgt Ion: 84 Resp: 84698
Ion Ratio Lower Upper
84 100
49 125.1 93.4 140.0
51 41.1 29.2 43.8
86 61.7 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 48.137 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

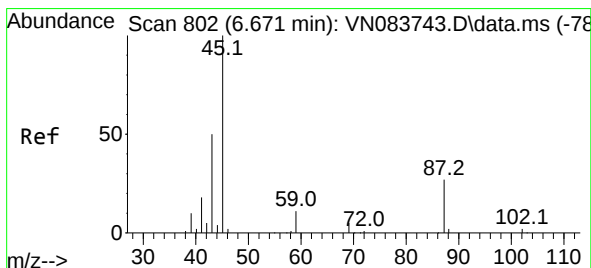
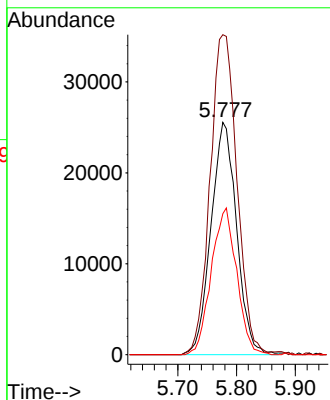
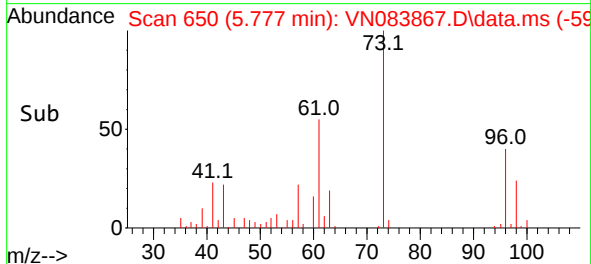
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



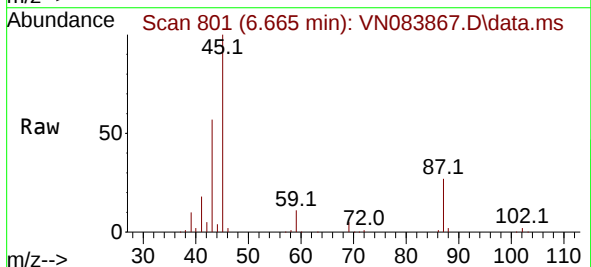
Tgt Ion: 96 Resp: 7738
Ion Ratio Lower Upper
96 100
61 137.7 106.0 159.0
98 60.7 52.2 78.2

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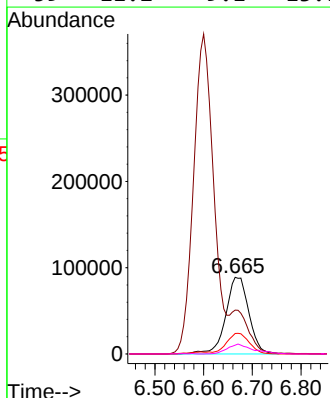
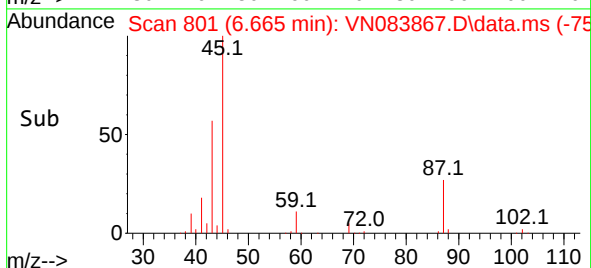
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

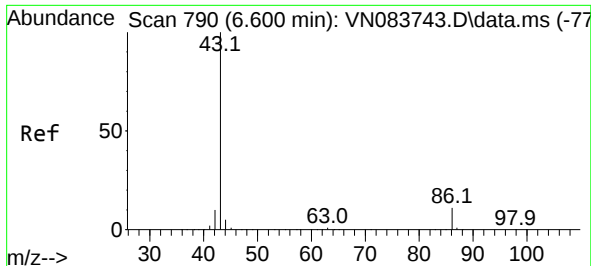


#22
Diisopropyl ether
Concen: 53.038 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35



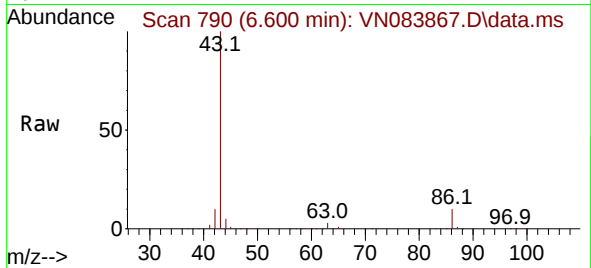
Tgt Ion: 45 Resp: 291813
Ion Ratio Lower Upper
45 100
43 56.2 43.4 65.0
87 26.8 22.6 33.8
59 11.2 9.1 13.7





#23
 Vinyl Acetate
 Concen: 265.831 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083867.D
 Acq: 13 Sep 2024 10:35

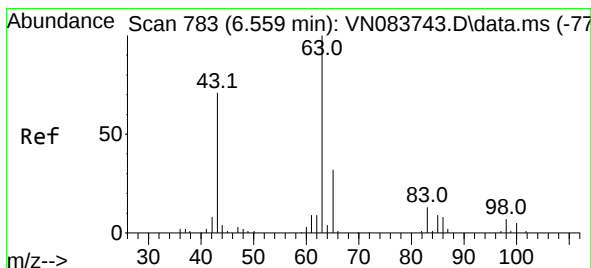
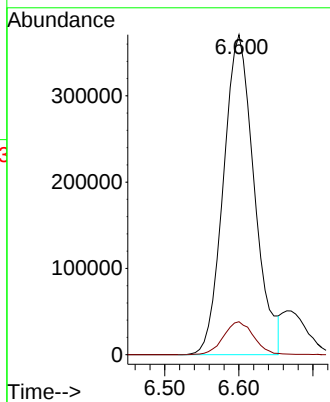
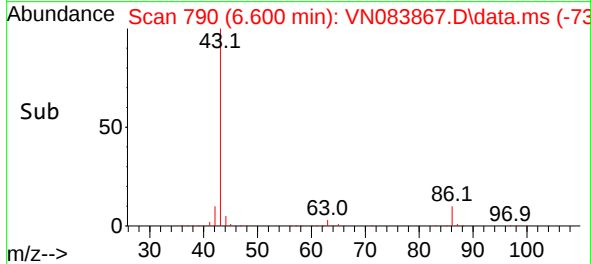
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



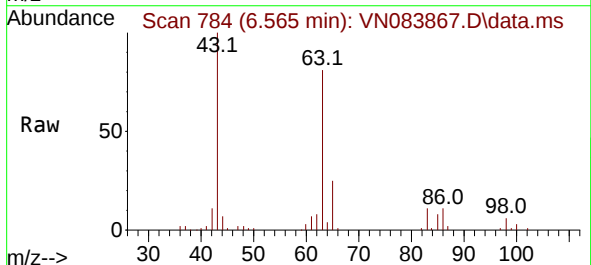
Tgt Ion: 43 Resp: 1071088
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.7 13.1

Manual Integrations
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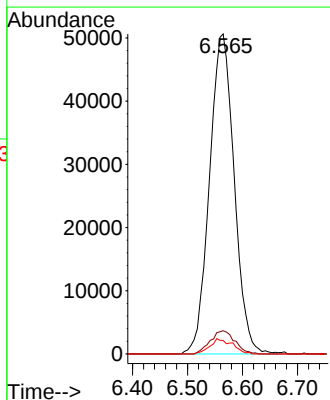
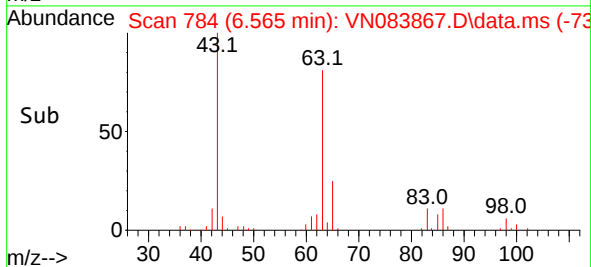
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#24
 1,1-Dichloroethane
 Concen: 49.919 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN083867.D
 Acq: 13 Sep 2024 10:35



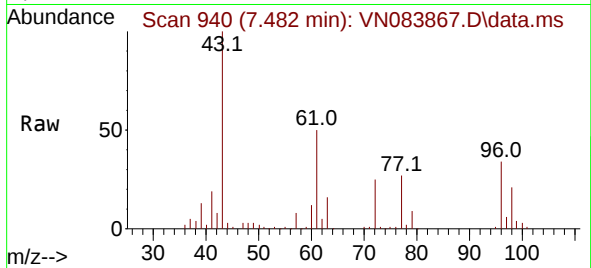
Tgt Ion: 63 Resp: 158235
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.3 2.5 7.5





#25
2-Butanone
Concen: 256.327 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

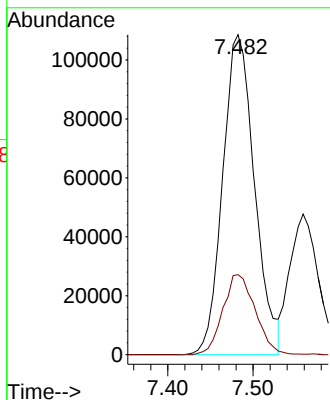
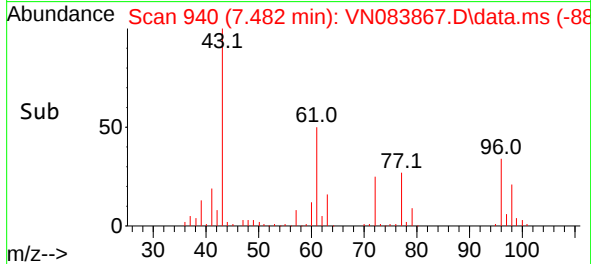
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



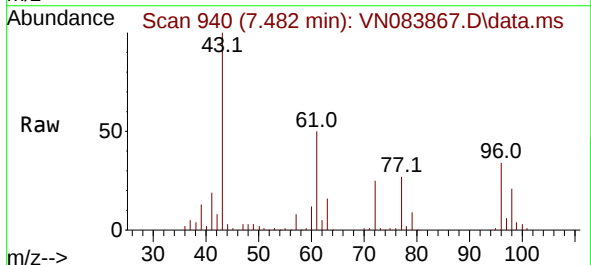
Tgt Ion: 43 Resp: 282418
Ion Ratio Lower Upper
43 100
72 25.0 20.8 31.2

Manual Integrations
APPROVED

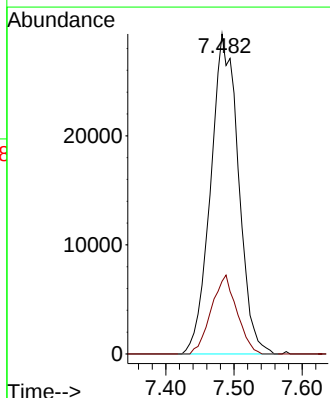
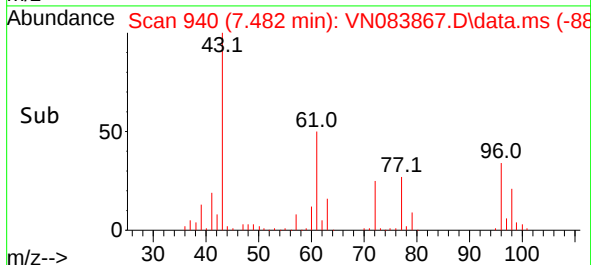
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#26
2,2-Dichloropropane
Concen: 28.502 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35



Tgt Ion: 77 Resp: 83203
Ion Ratio Lower Upper
77 100
97 22.6 10.2 30.4





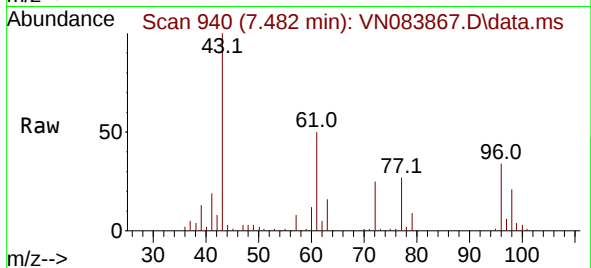
#27
 cis-1,2-Dichloroethene
 Concen: 50.184 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083867.D
 Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



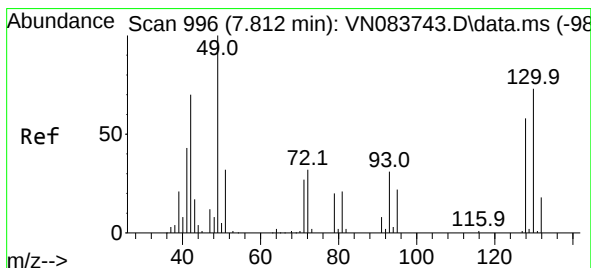
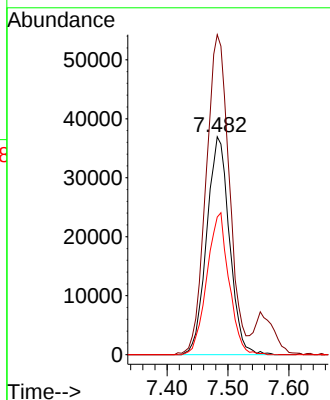
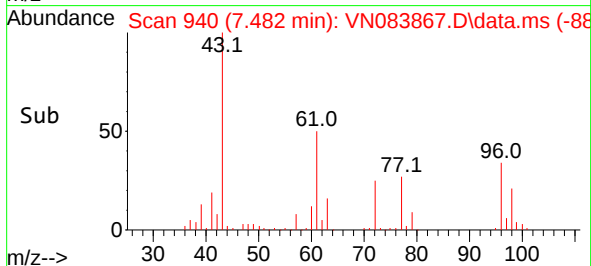
Tgt Ion: 96 Resp: 95760
 Ion Ratio Lower Upper
 96 100
 61 149.2 0.0 306.2
 98 63.3 0.0 128.6

Manual Integrations

APPROVED

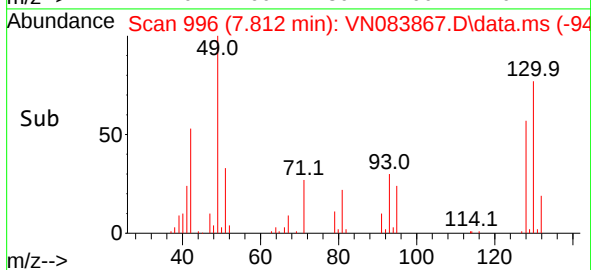
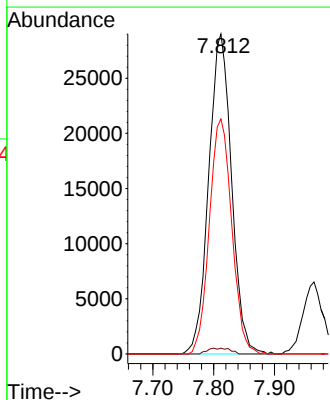
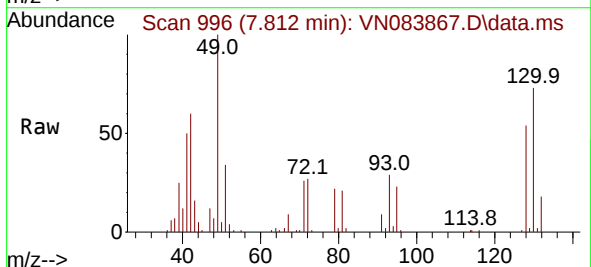
Reviewed By :John Carlone 09/13/2024

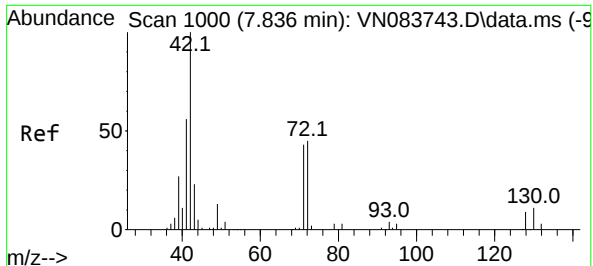
Supervised By :Mahesh Dadoda 09/13/2024



#28
 Bromochloromethane
 Concen: 56.589 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN083867.D
 Acq: 13 Sep 2024 10:35

Tgt Ion: 49 Resp: 75539
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.4
 130 71.9 60.2 90.2





#29

Tetrahydrofuran

Concen: 279.224 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

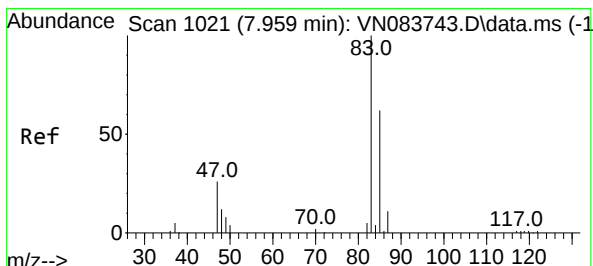
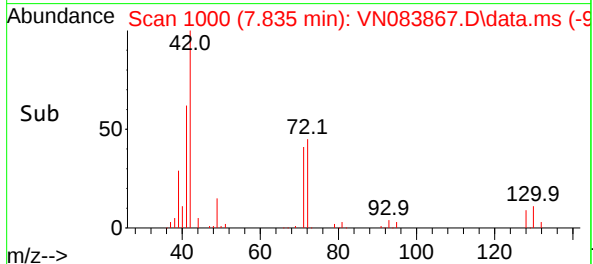
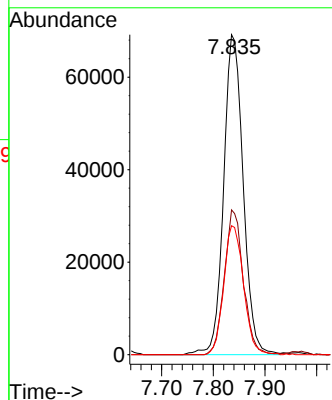
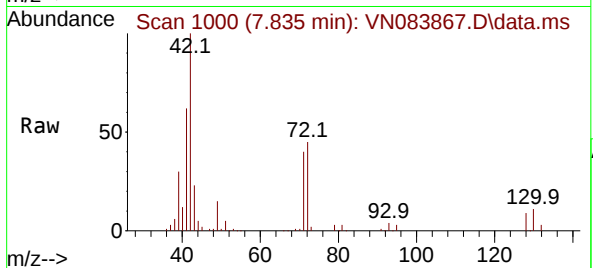
Tgt Ion:	42	Resp:	181909
Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.9	53.9
71	40.8	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#30

Chloroform

Concen: 50.414 ug/l

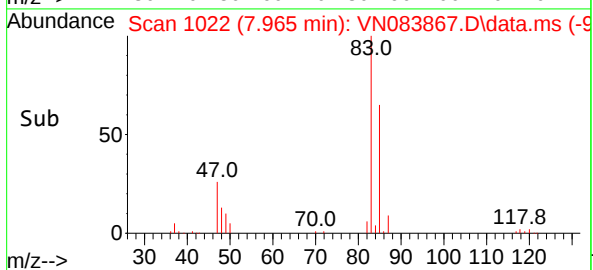
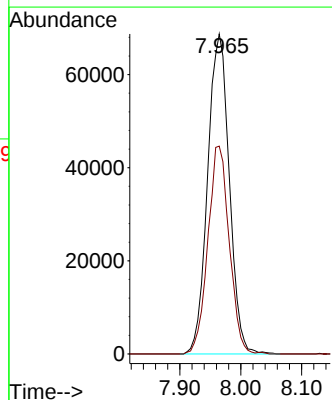
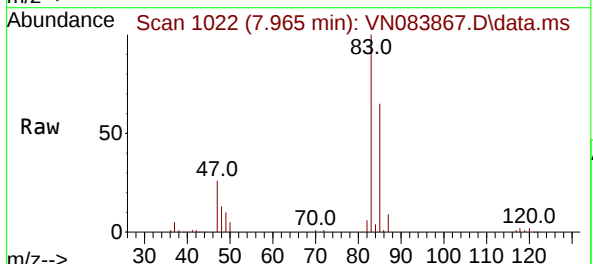
RT: 7.965 min Scan# 1022

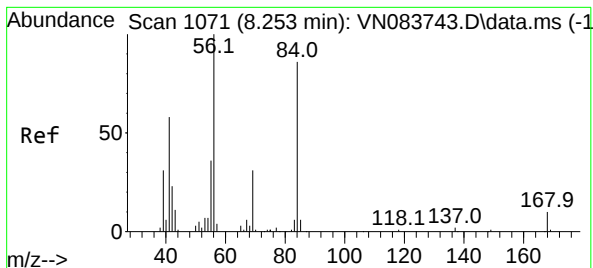
Delta R.T. 0.006 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Tgt Ion:	83	Resp:	169655
Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.8	79.2





#31

Cyclohexane

Concen: 43.430 ug/l

RT: 8.247 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 131258

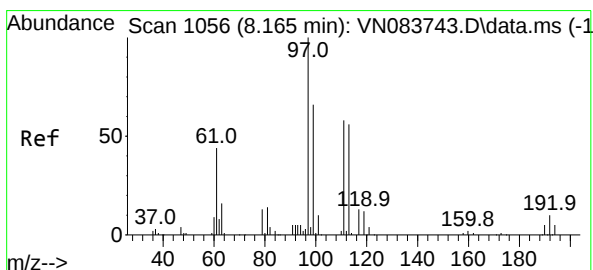
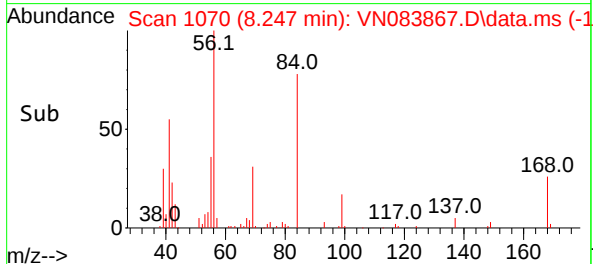
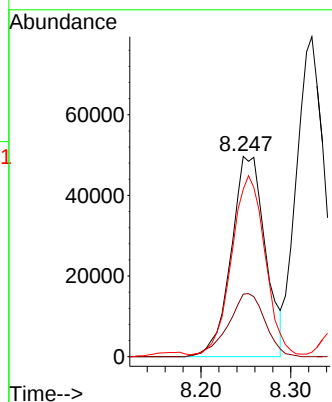
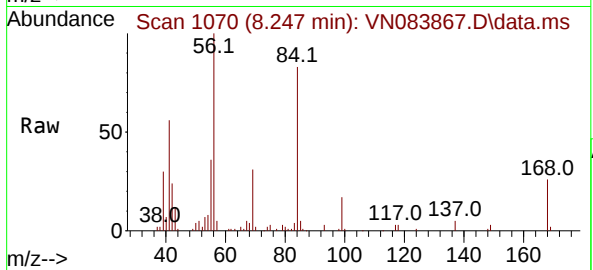
Ion	Ratio	Lower	Upper
56	100		
69	31.2	26.9	40.3
84	81.3	69.2	103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#32

1,1,1-Trichloroethane

Concen: 50.700 ug/l

RT: 8.165 min Scan# 1056

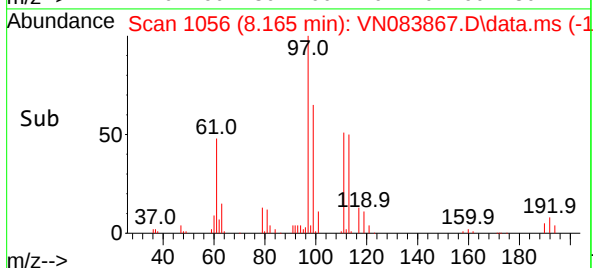
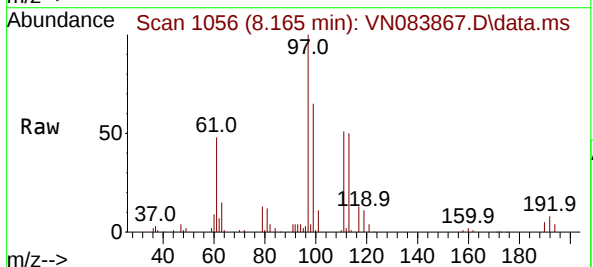
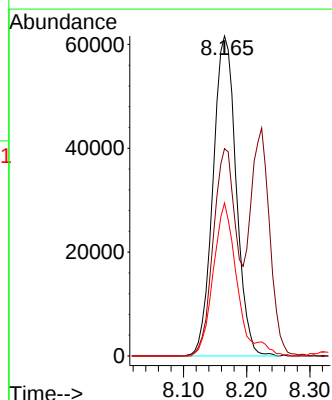
Delta R.T. -0.000 min

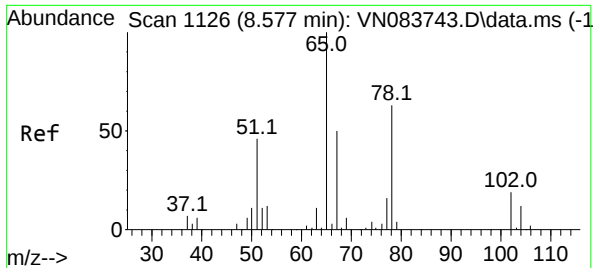
Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Tgt Ion: 97 Resp: 156881

Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.3	78.5
61	49.4	38.2	57.2





#33

1,2-Dichloroethane-d4

Concen: 51.644 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 107994

Ion Ratio Lower Upper

65 100

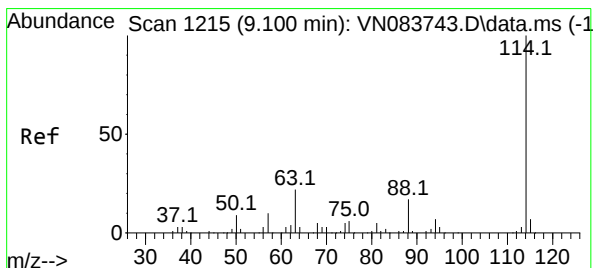
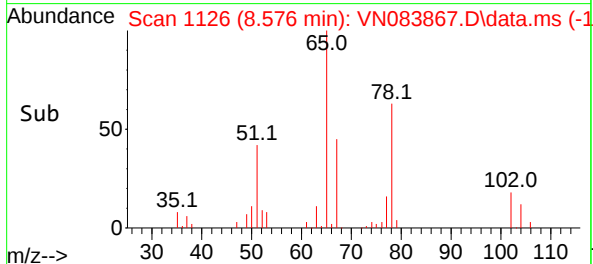
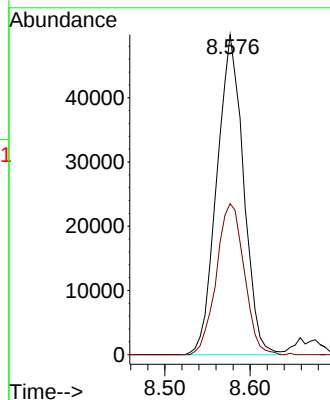
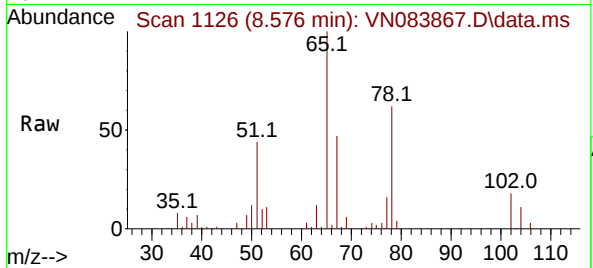
67 49.2 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

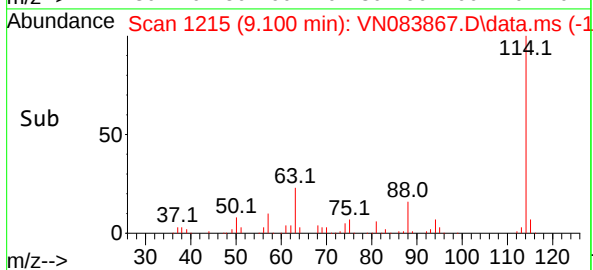
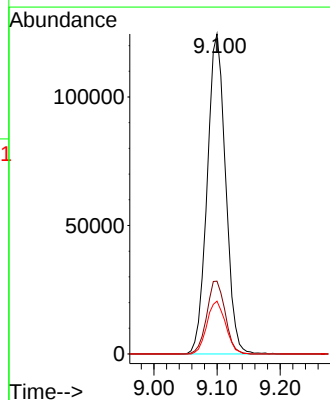
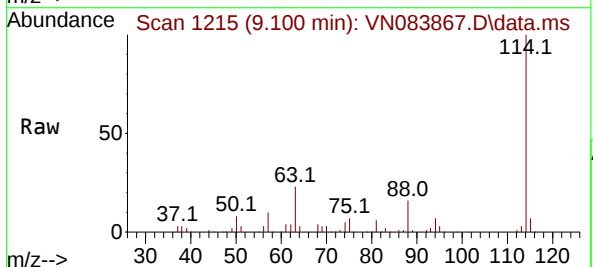
Tgt Ion:114 Resp: 251323

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.019 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

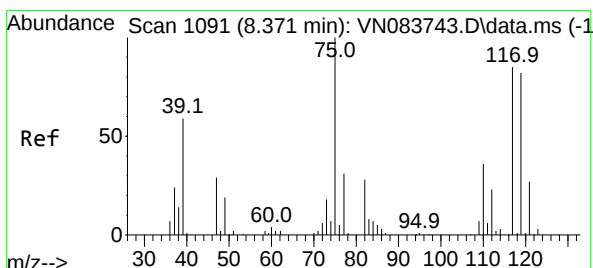
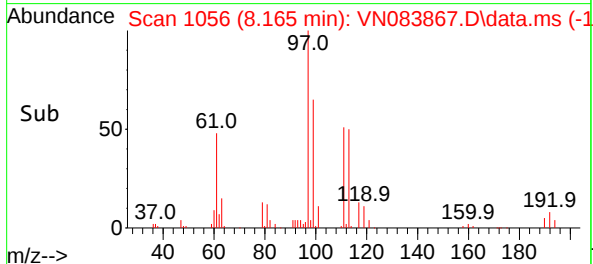
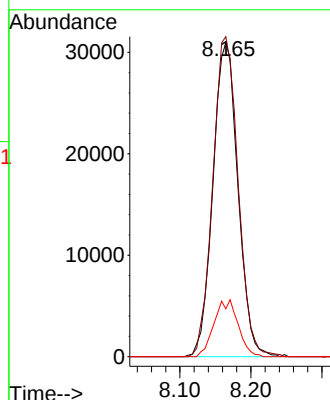
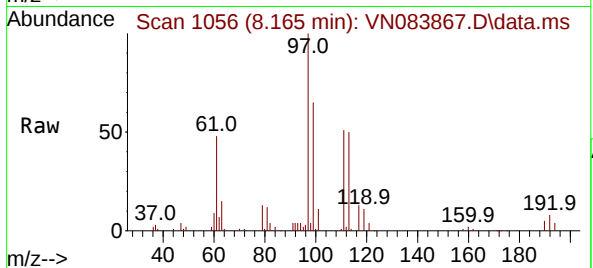
Tgt Ion:	113	Resp:	7565
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.6	124.0
192	17.5	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#36

1,1-Dichloropropene

Concen: 46.746 ug/l

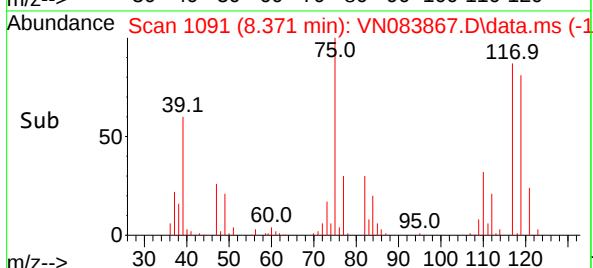
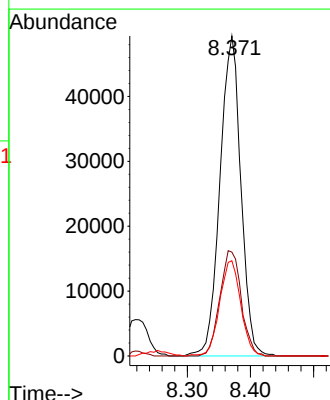
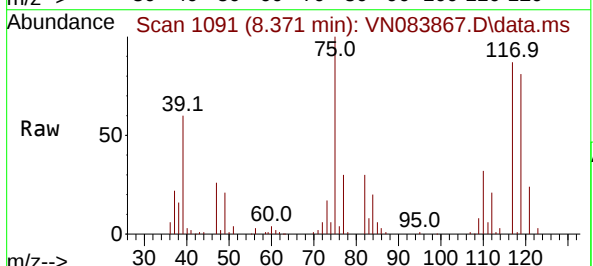
RT: 8.371 min Scan# 1091

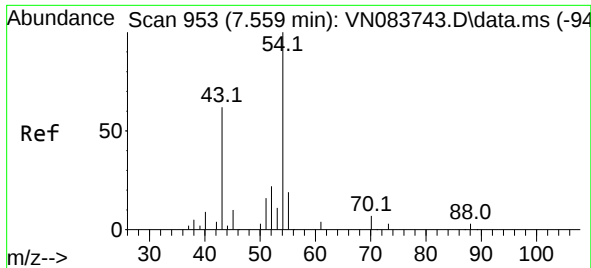
Delta R.T. -0.000 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

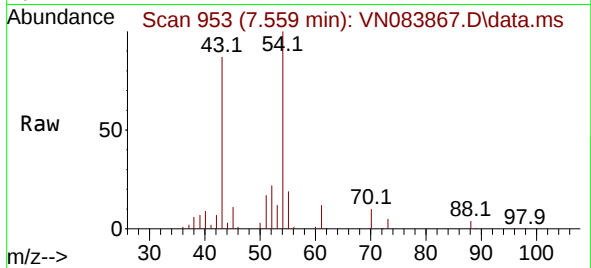
Tgt Ion:	75	Resp:	113205
Ion Ratio	Lower	Upper	
75	100		
110	33.7	16.7	50.1
77	30.0	25.2	37.8





#37
Ethyl Acetate
Concen: 52.157 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

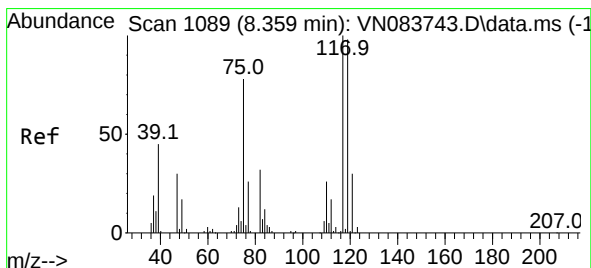
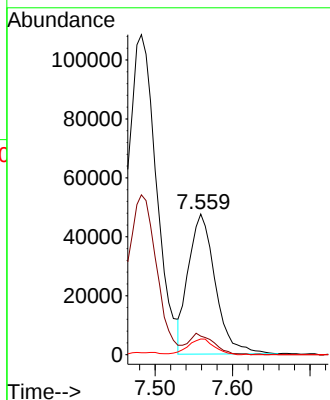
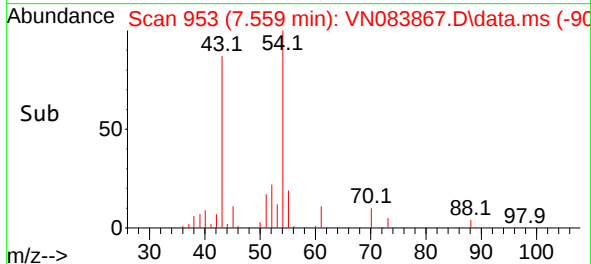
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



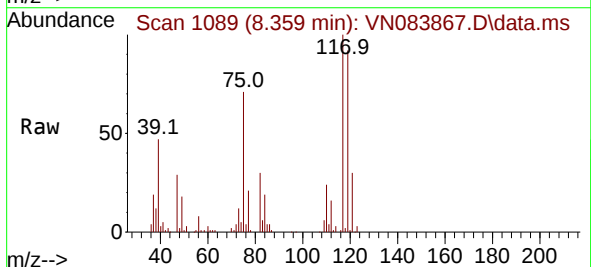
Tgt Ion: 43 Resp: 114649
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 10.9 8.8 13.2

Manual Integrations
APPROVED

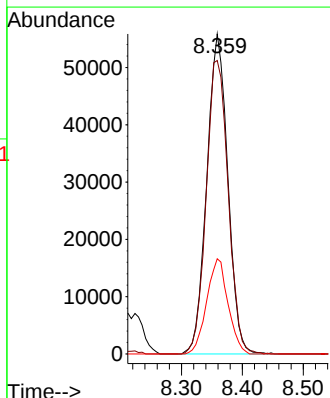
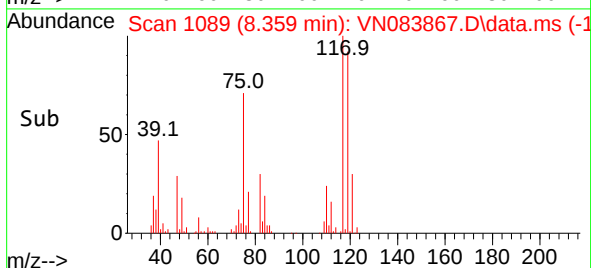
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

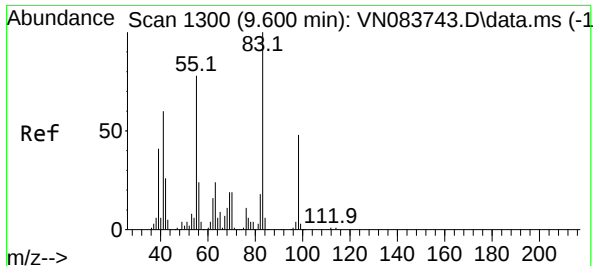


#38
Carbon Tetrachloride
Concen: 48.747 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35



Tgt Ion:117 Resp: 133927
Ion Ratio Lower Upper
117 100
119 91.7 76.1 114.1
121 29.8 24.1 36.1





#39

Methylcyclohexane

Concen: 43.889 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

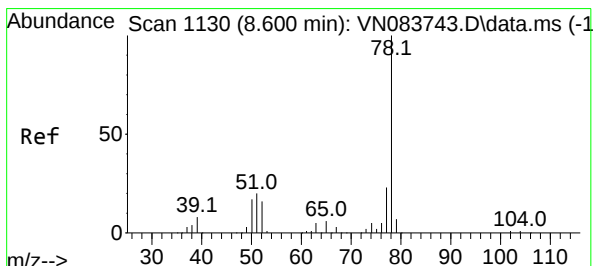
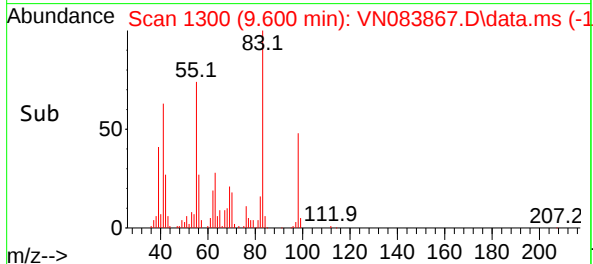
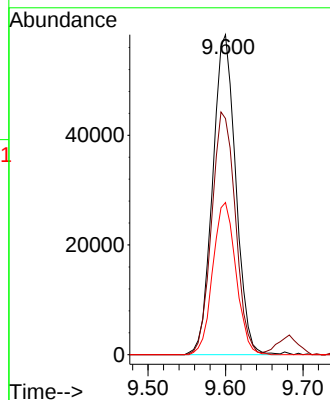
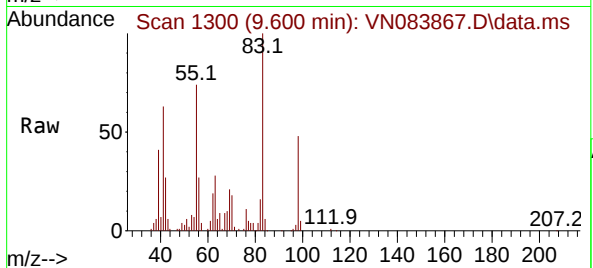
Tgt Ion:	83	Resp:	120980
Ion Ratio	Lower	Upper	
83	100		
55	73.8	62.2	93.4
98	47.6	37.6	56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#40

Benzene

Concen: 48.197 ug/l

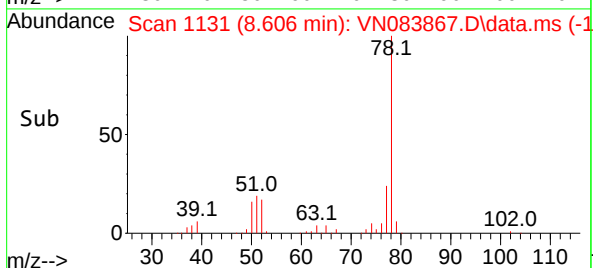
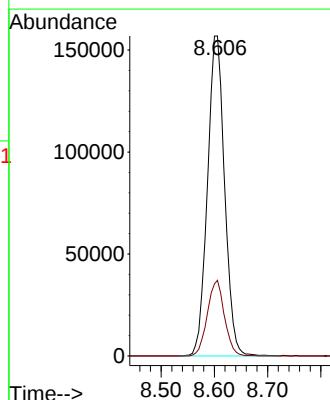
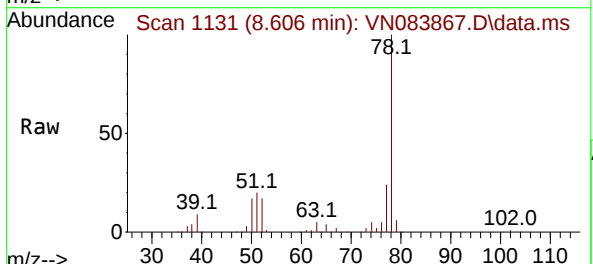
RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Tgt Ion:	78	Resp:	351308
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.0	28.6





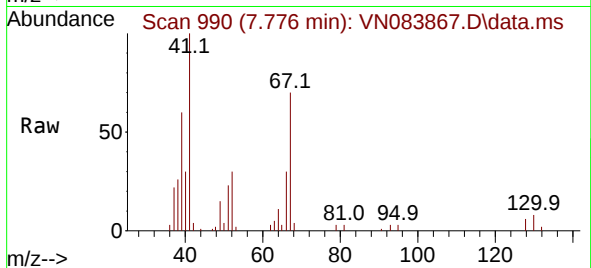
#41
Methacrylonitrile
Concen: 47.899 ug/l
RT: 7.776 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



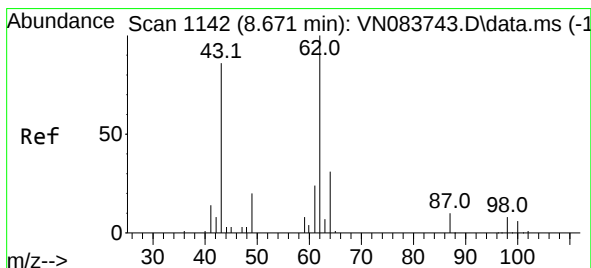
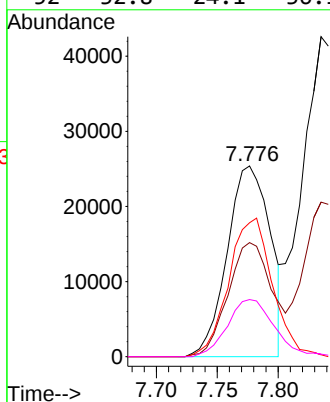
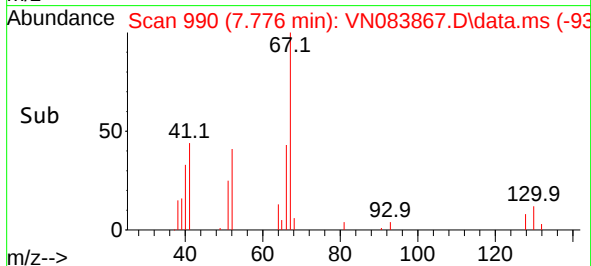
Tgt Ion:	41	Resp:	62274
Ion Ratio	100	Lower	Upper
39	61.8	45.4	68.2
67	73.9	55.9	83.9
52	32.8	24.1	36.1

Manual Integrations

APPROVED

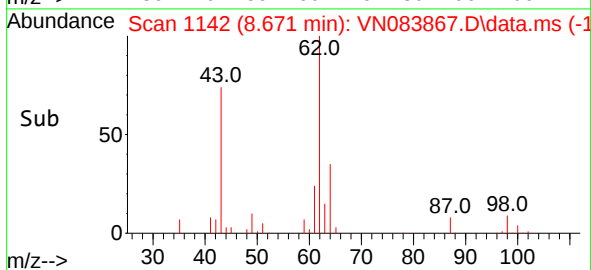
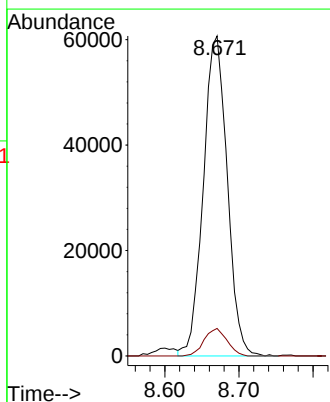
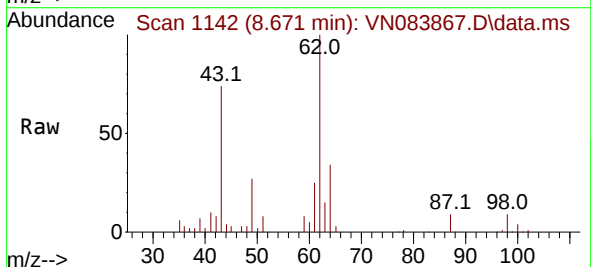
Reviewed By :John Carlone 09/13/2024

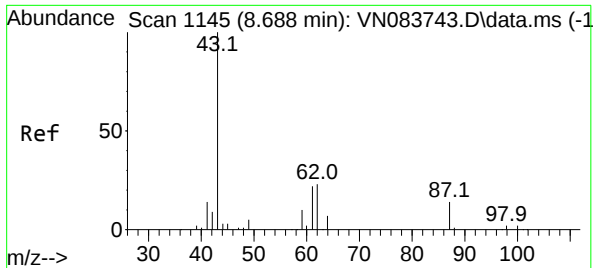
Supervised By :Mahesh Dadoda 09/13/2024



#42
1,2-Dichloroethane
Concen: 49.957 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Tgt Ion:	62	Resp:	136064
Ion Ratio	100	Lower	Upper
98	8.2	0.0	16.6





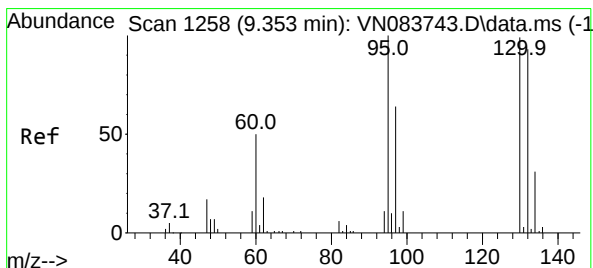
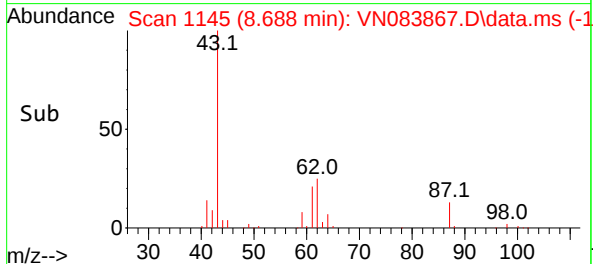
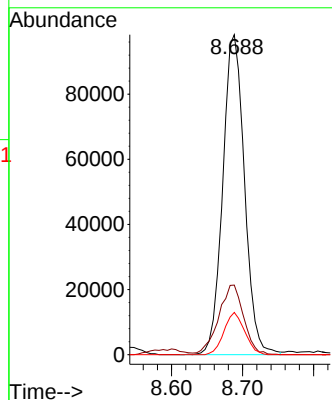
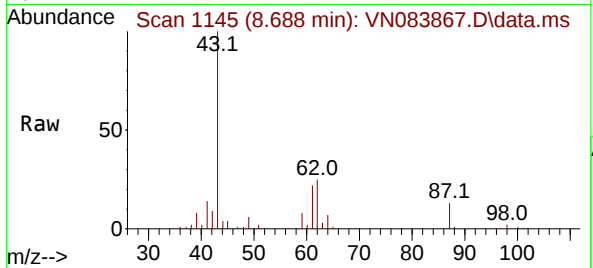
#43
Isopropyl Acetate
Concen: 52.400 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 20873
Ion Ratio Lower Upper
43 100
61 25.1 19.4 29.0
87 12.5 9.8 14.6

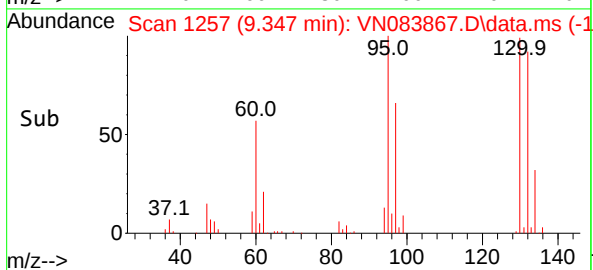
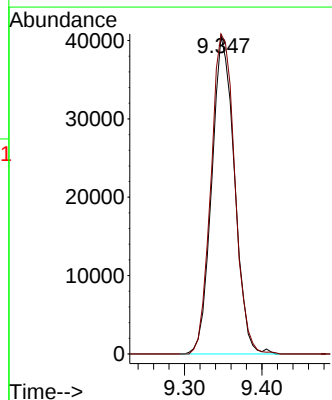
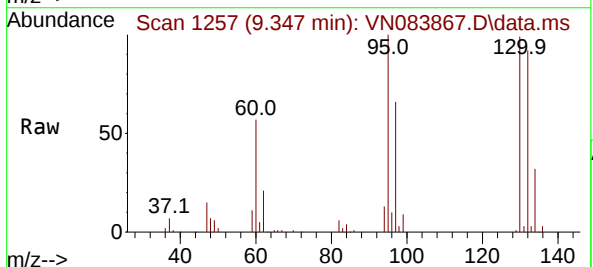
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#44
Trichloroethene
Concen: 48.898 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

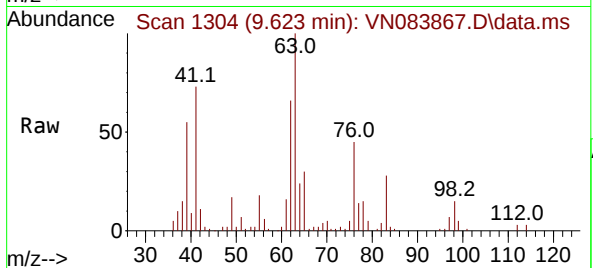
Tgt Ion:130 Resp: 82536
Ion Ratio Lower Upper
130 100
95 100.8 0.0 200.4





#45
1,2-Dichloropropane
Concen: 49.755 ug/l
RT: 9.623 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

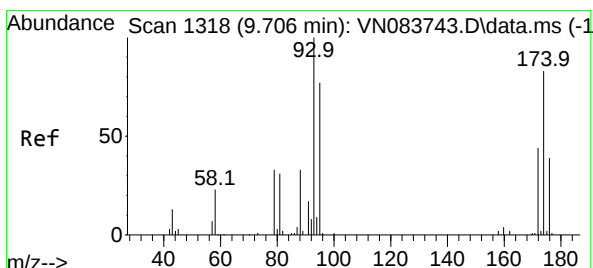
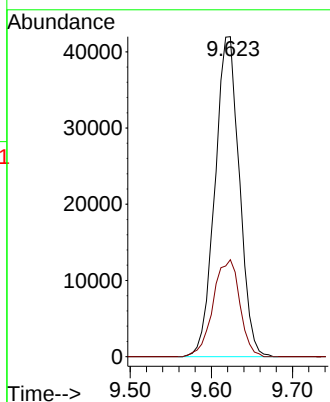
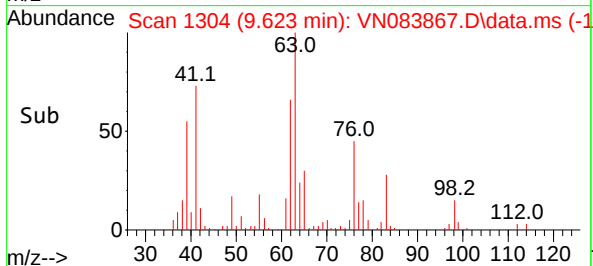
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



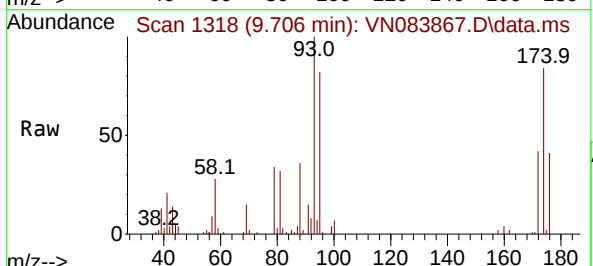
Tgt Ion: 63 Resp: 8765
Ion Ratio Lower Upper
63 100
65 30.3 25.9 38.9

Manual Integrations
APPROVED

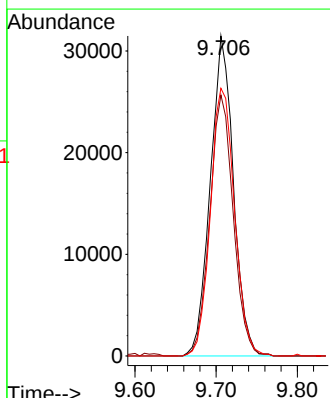
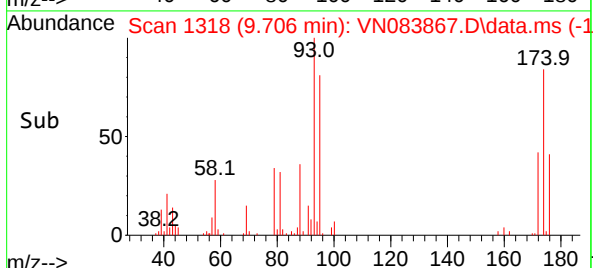
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

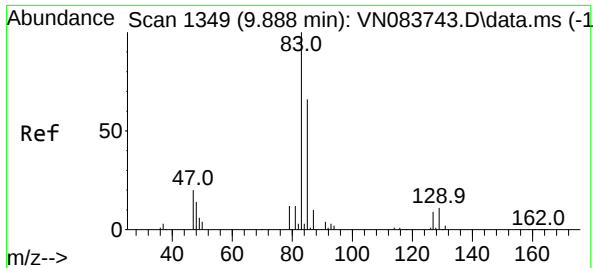


#46
Dibromomethane
Concen: 50.555 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35



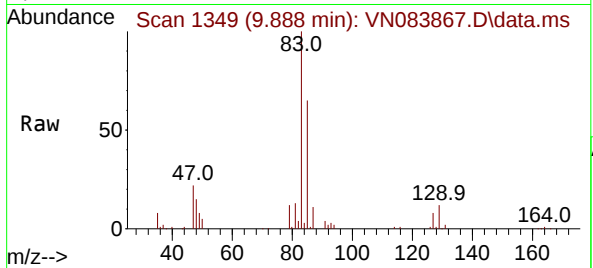
Tgt Ion: 93 Resp: 62382
Ion Ratio Lower Upper
93 100
95 82.7 65.3 97.9
174 87.3 71.0 106.4





#47
Bromodichloromethane
Concen: 49.497 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

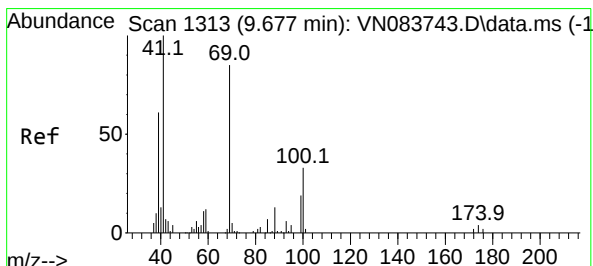
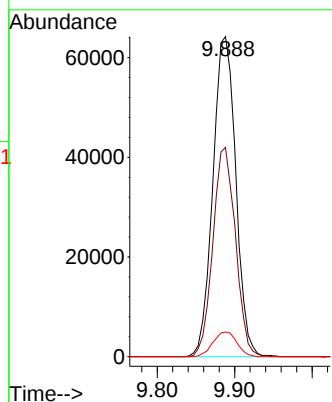
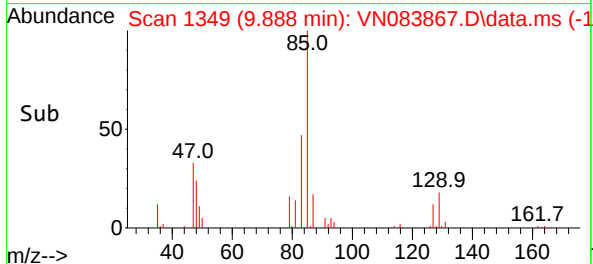
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



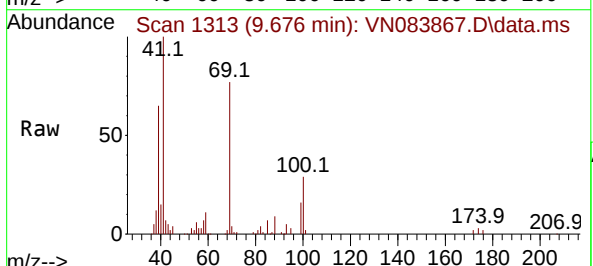
Tgt Ion: 83 Resp: 13218
Ion Ratio Lower Upper
83 100
85 65.4 51.8 77.8
127 7.7 6.6 9.8

Manual Integrations
APPROVED

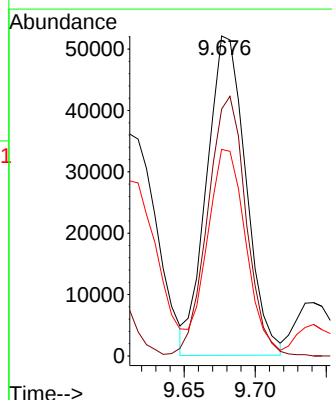
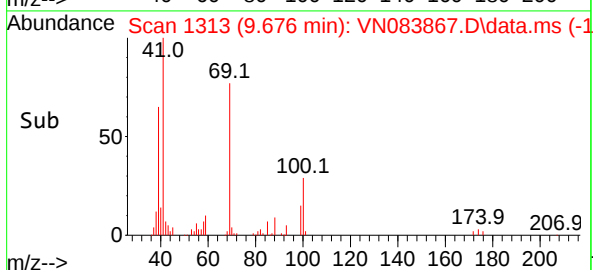
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#48
Methyl methacrylate
Concen: 52.934 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35



Tgt Ion: 41 Resp: 100039
Ion Ratio Lower Upper
41 100
69 79.7 64.3 96.5
39 63.0 48.9 73.3





#49

1,4-Dioxane

Concen: 1015.132 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 31560

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

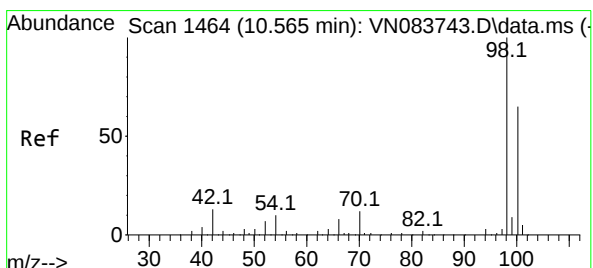
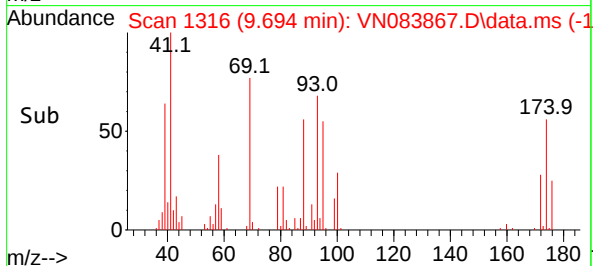
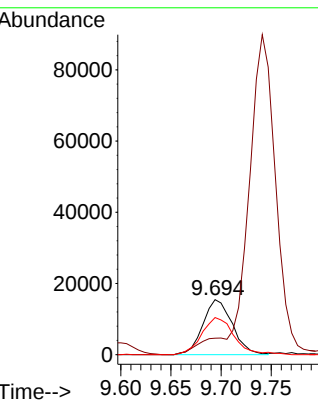
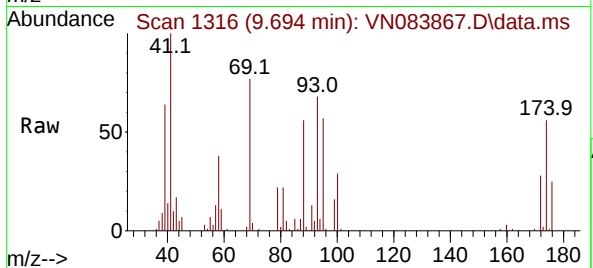
58 74.4 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#50

Toluene-d8

Concen: 49.323 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083867.D

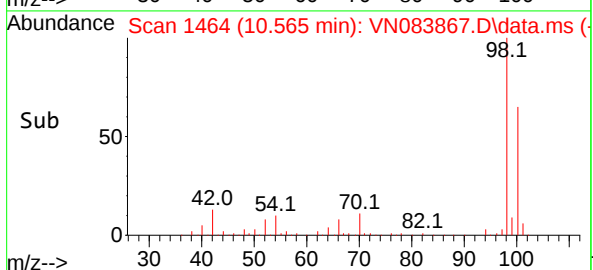
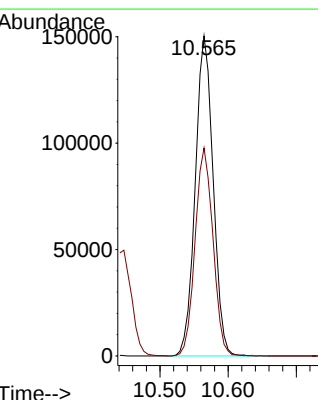
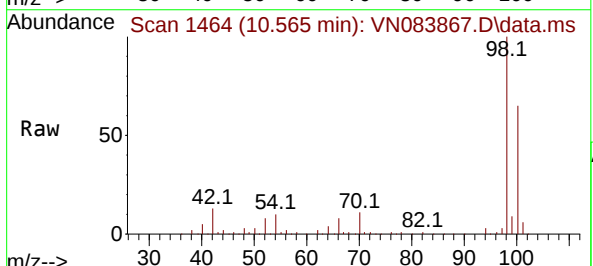
Acq: 13 Sep 2024 10:35

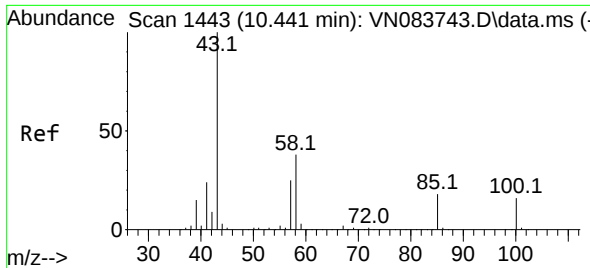
Tgt Ion: 98 Resp: 274343

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0





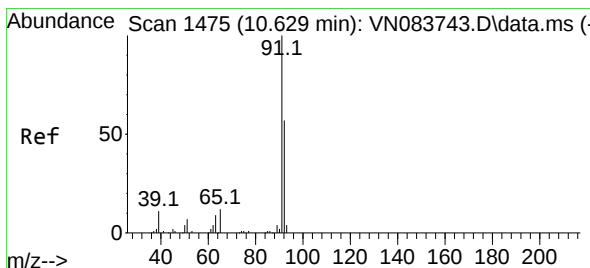
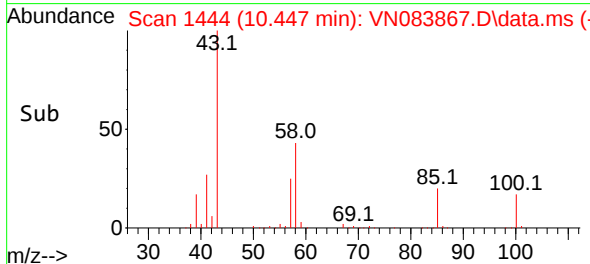
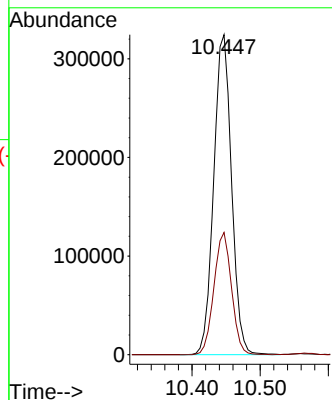
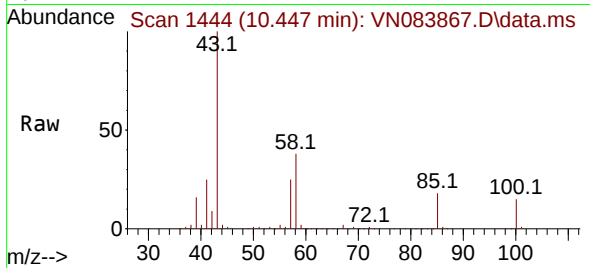
#51
4-Methyl-2-Pentanone
Concen: 272.402 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 59066
Ion Ratio Lower Upper
43 100
58 37.7 31.6 47.4

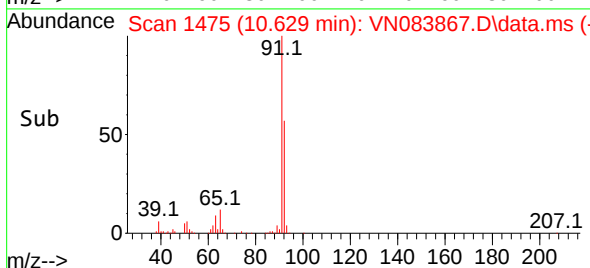
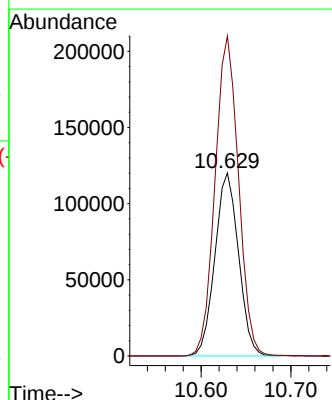
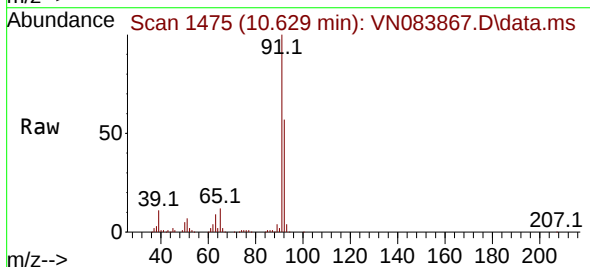
Manual Integrations
APPROVED

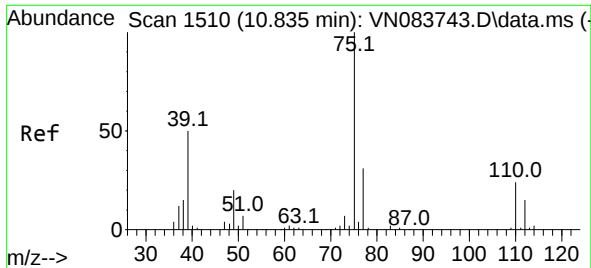
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#52
Toluene
Concen: 49.225 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Tgt Ion: 92 Resp: 219465
Ion Ratio Lower Upper
92 100
91 173.5 134.7 202.1





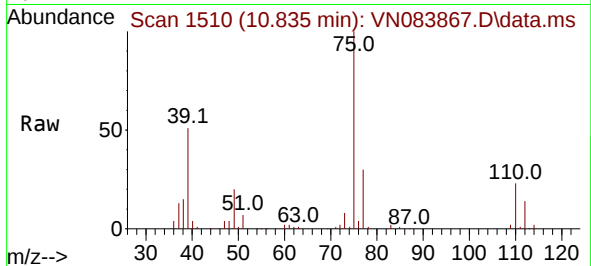
#53
t-1,3-Dichloropropene
Concen: 46.574 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



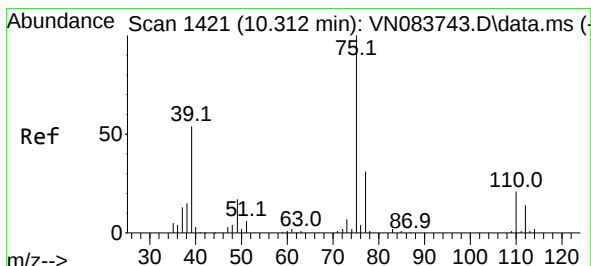
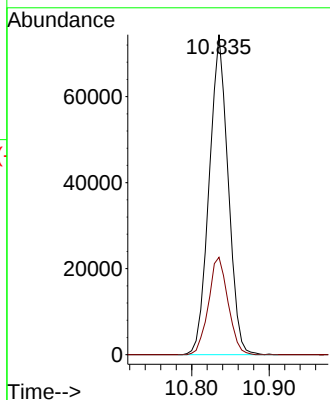
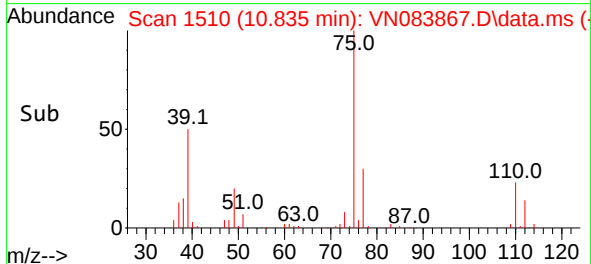
Tgt Ion: 75 Resp: 126070
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.6

Manual Integrations

APPROVED

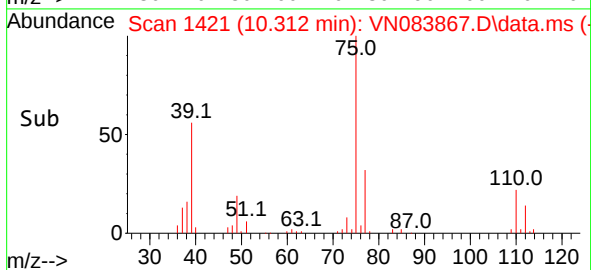
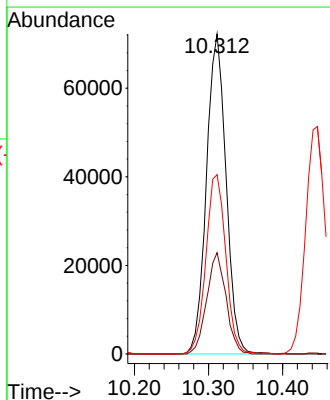
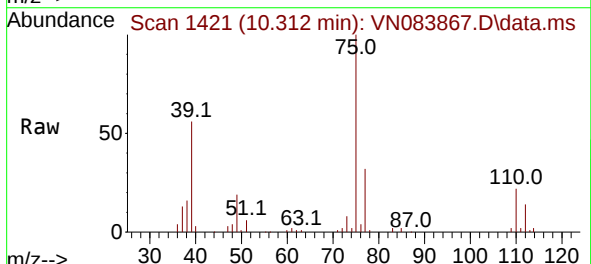
Reviewed By :John Carlone 09/13/2024

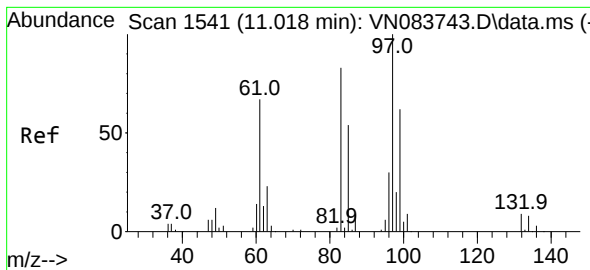
Supervised By :Mahesh Dadoda 09/13/2024



#54
cis-1,3-Dichloropropene
Concen: 46.678 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Tgt Ion: 75 Resp: 132725
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6
39 56.0 42.6 64.0





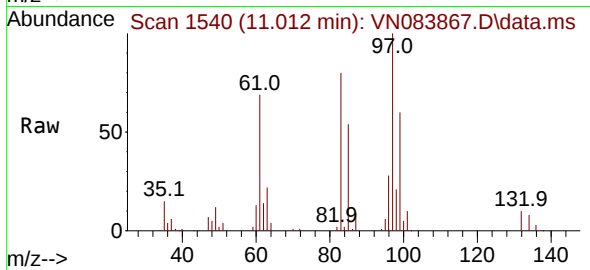
#55
1,1,2-Trichloroethane
Concen: 50.370 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



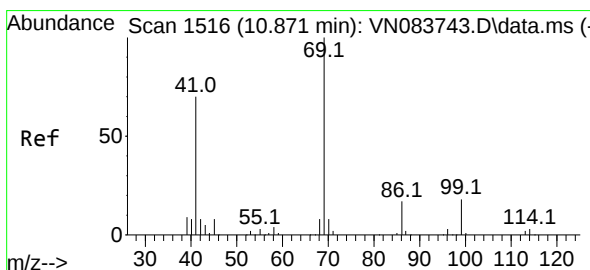
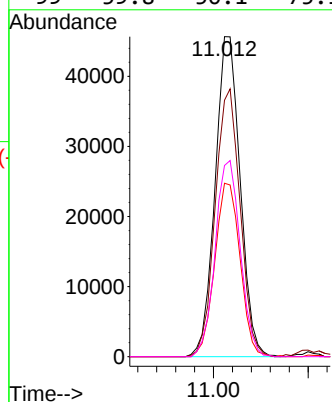
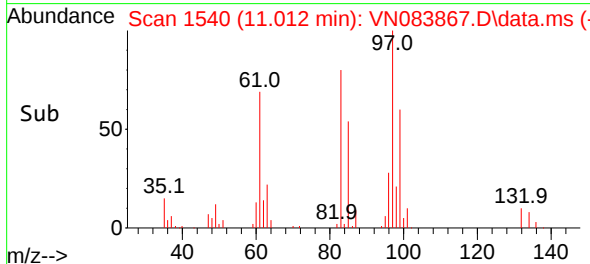
Tgt Ion: 97 Resp: 83840
Ion Ratio Lower Upper
97 100
83 80.1 67.5 101.3
85 54.2 44.2 66.2
99 59.8 50.1 75.1

Manual Integrations

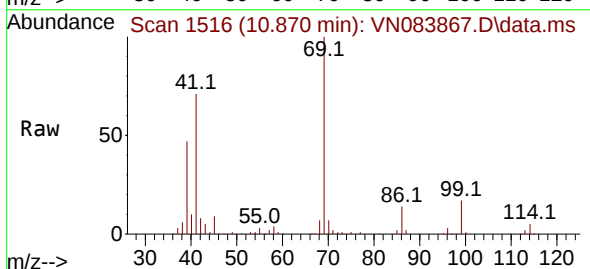
APPROVED

Reviewed By :John Carlone 09/13/2024

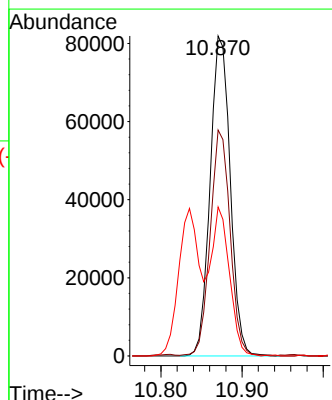
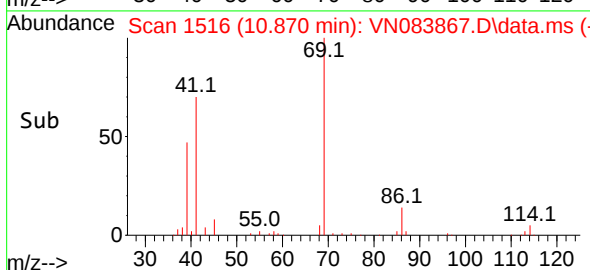
Supervised By :Mahesh Dadoda 09/13/2024



#56
Ethyl methacrylate
Concen: 54.958 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35



Tgt Ion: 69 Resp: 140739
Ion Ratio Lower Upper
69 100
41 70.1 53.9 80.9
39 43.4 32.6 48.8





#57

1,3-Dichloropropane

Concen: 50.457 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 14434

Ion Ratio Lower Upper

76 100

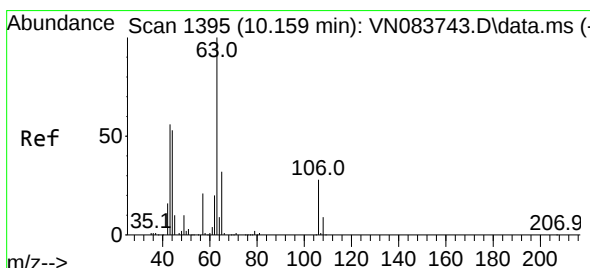
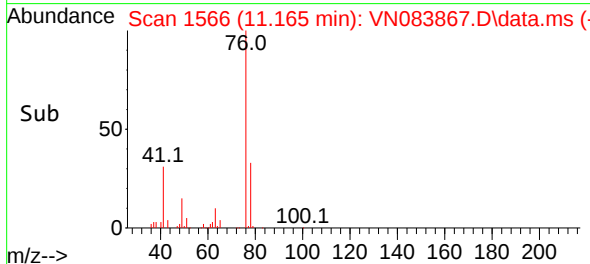
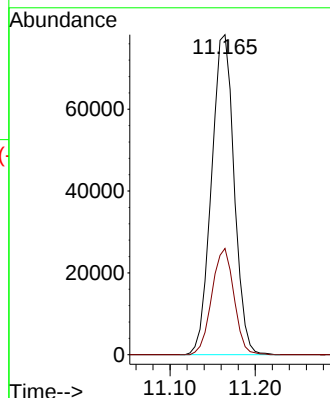
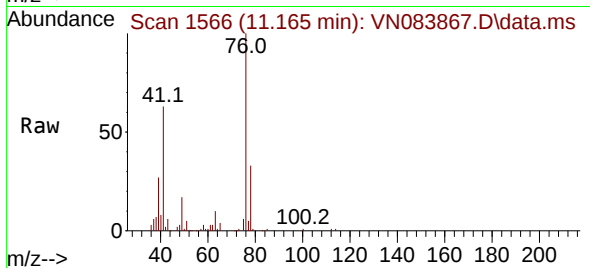
78 32.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#58

2-Chloroethyl Vinyl ether

Concen: 316.022 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083867.D

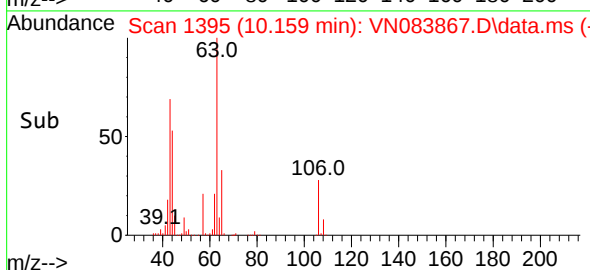
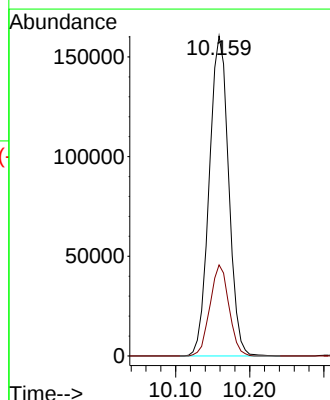
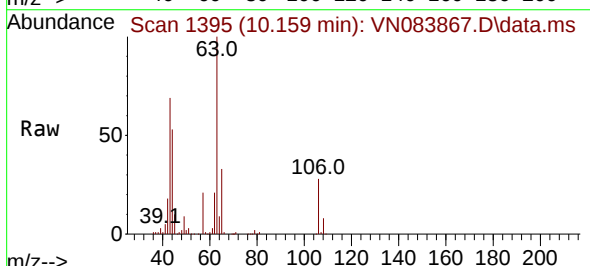
Acq: 13 Sep 2024 10:35

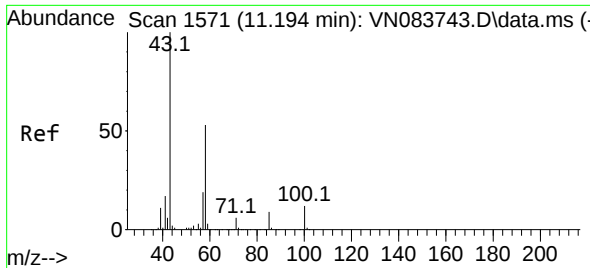
Tgt Ion: 63 Resp: 291604

Ion Ratio Lower Upper

63 100

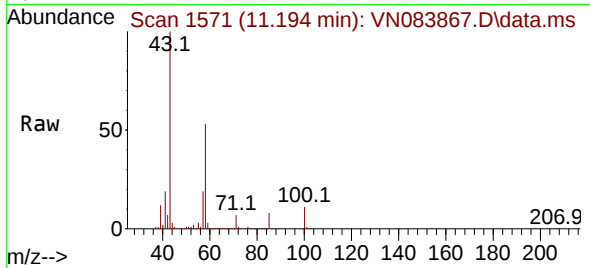
106 27.8 23.3 34.9





#59
2-Hexanone
Concen: 268.472 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

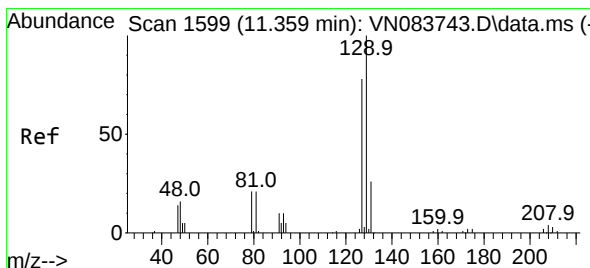
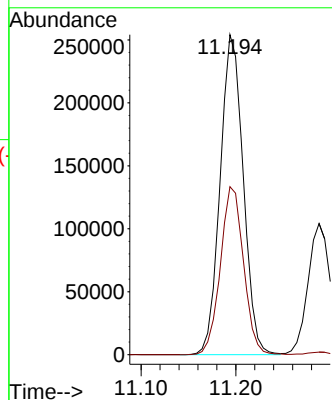
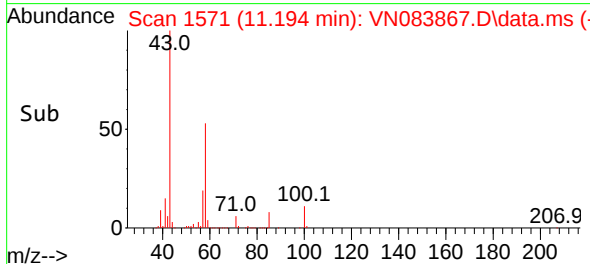
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 430629
Ion Ratio Lower Upper
43 100
58 52.6 27.2 81.5

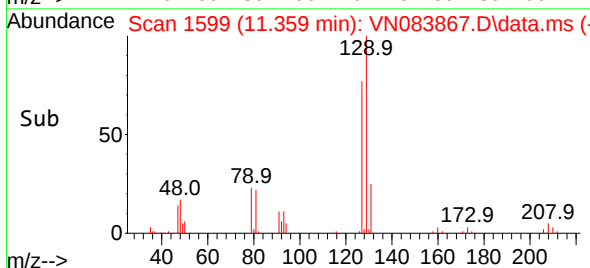
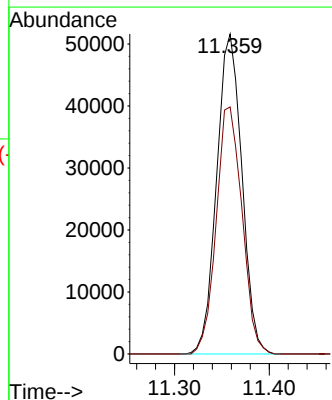
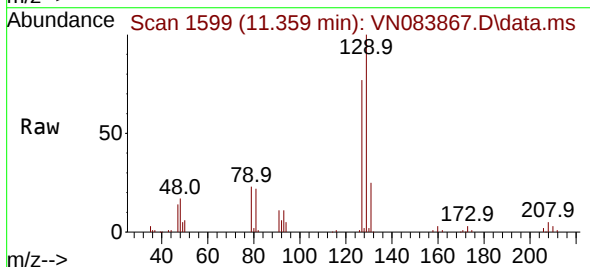
Manual Integrations
APPROVED

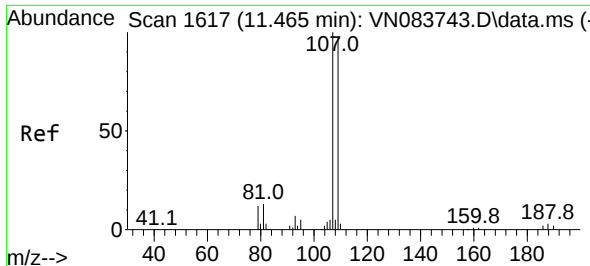
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#60
Dibromochloromethane
Concen: 51.280 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Tgt Ion:129 Resp: 95523
Ion Ratio Lower Upper
129 100
127 78.9 39.0 116.9





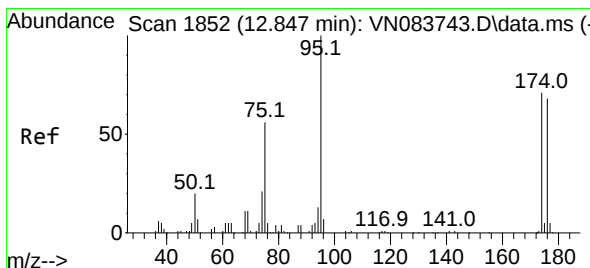
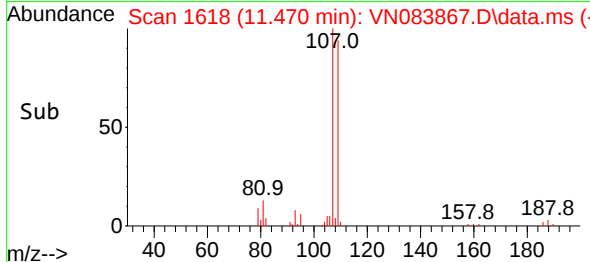
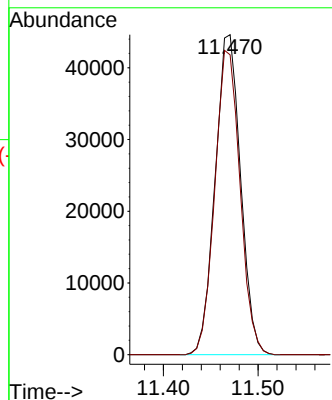
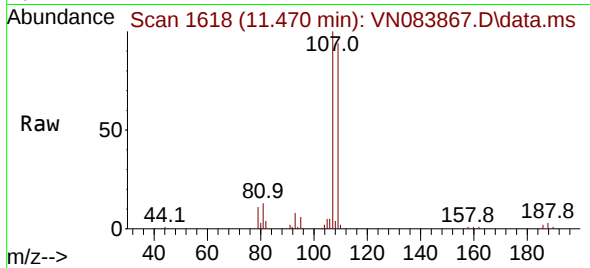
#61
1,2-Dibromoethane
Concen: 50.188 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 83312
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

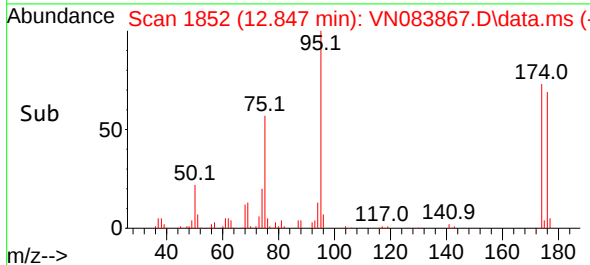
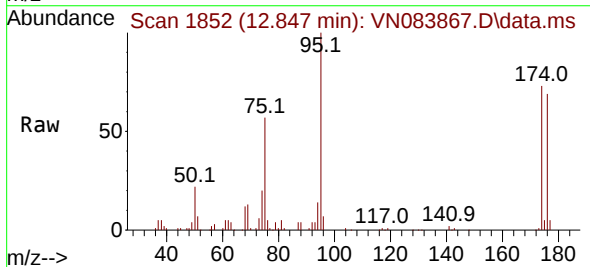
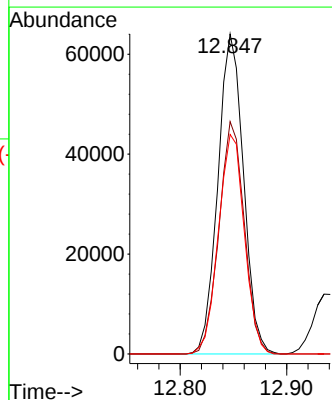
Manual Integrations
APPROVED

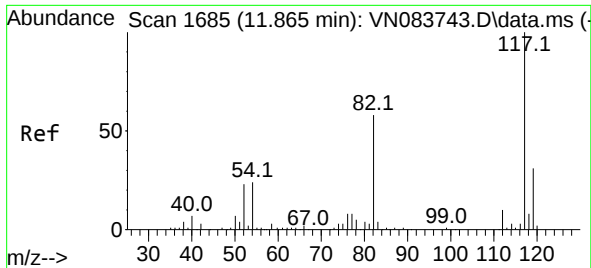
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#62
4-Bromofluorobenzene
Concen: 46.549 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

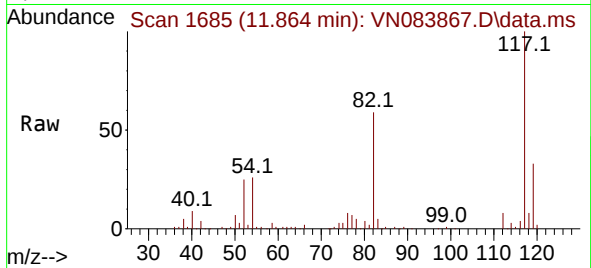
Tgt Ion: 95 Resp: 106822
Ion Ratio Lower Upper
95 100
174 72.0 0.0 139.8
176 69.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

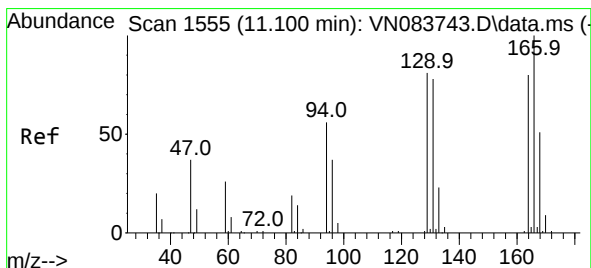
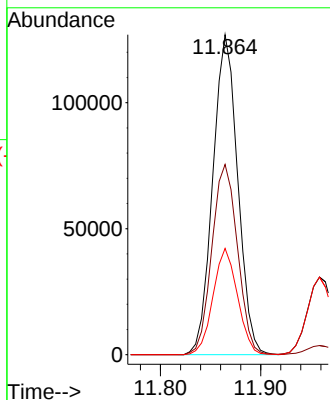
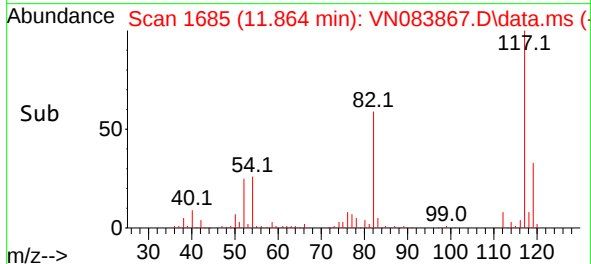
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 21909
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 33.2 26.3 39.5

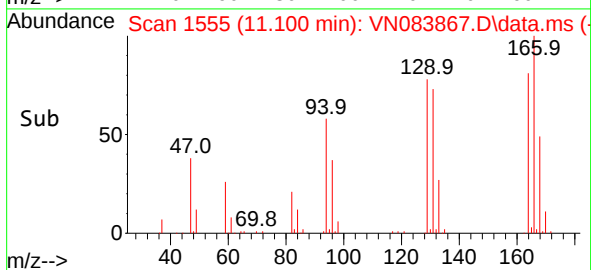
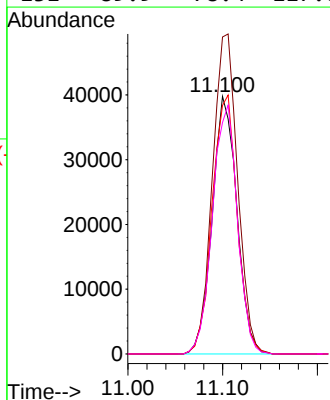
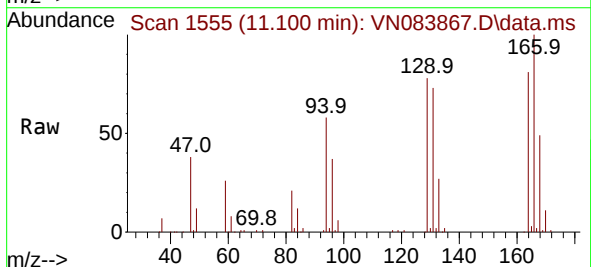
Manual Integrations
APPROVED

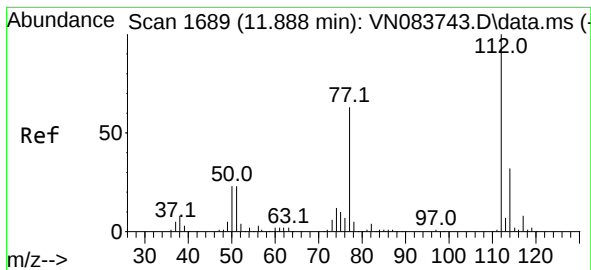
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#64
Tetrachloroethene
Concen: 49.314 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

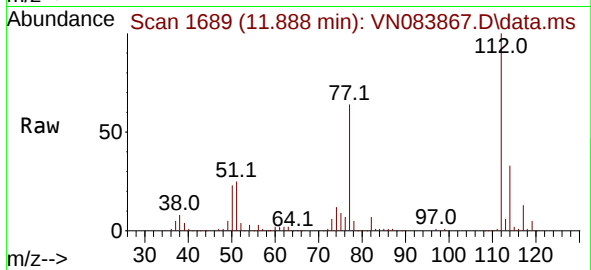
Tgt Ion:164 Resp: 71851
Ion Ratio Lower Upper
164 100
166 123.0 103.7 155.5
129 96.5 79.9 119.9
131 89.9 78.4 117.6





#65
Chlorobenzene
Concen: 47.254 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

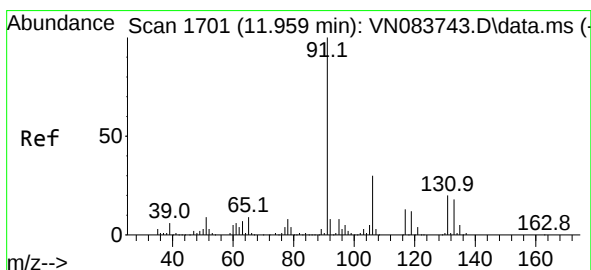
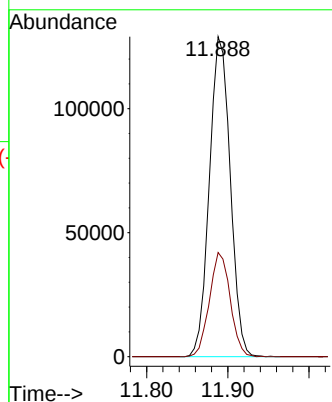
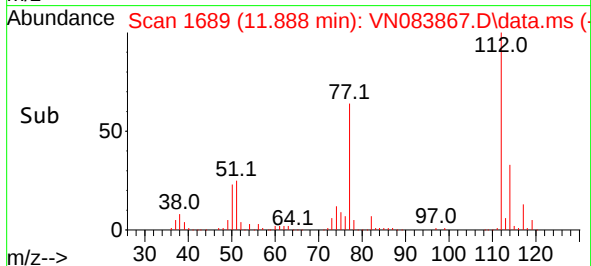
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



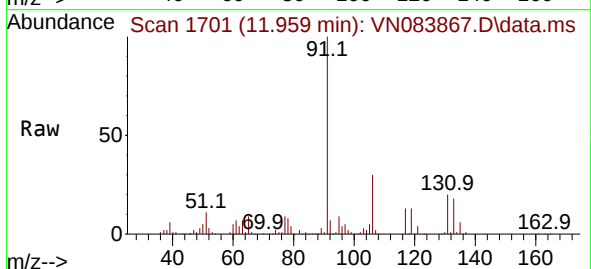
Tgt Ion:112 Resp: 230100
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

Manual Integrations
APPROVED

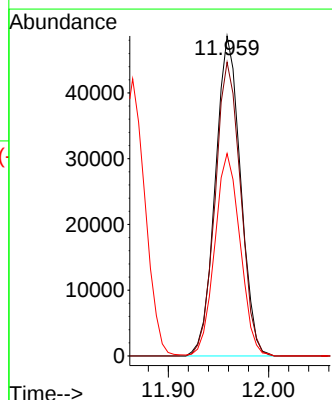
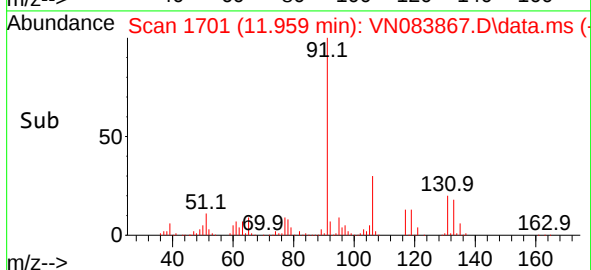
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

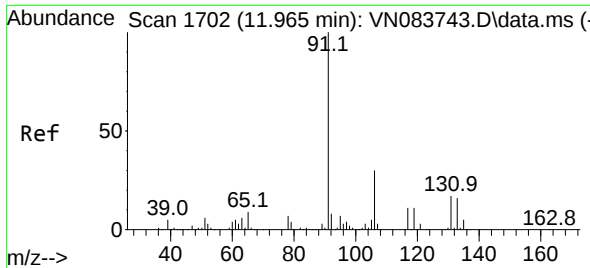


#66
1,1,1,2-Tetrachloroethane
Concen: 50.281 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35



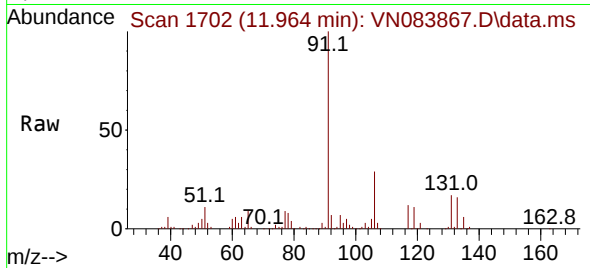
Tgt Ion:131 Resp: 84878
Ion Ratio Lower Upper
131 100
133 92.7 47.5 142.6
119 63.6 31.6 94.8





#67
Ethyl Benzene
Concen: 49.241 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

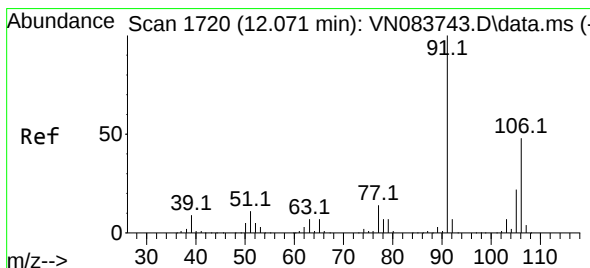
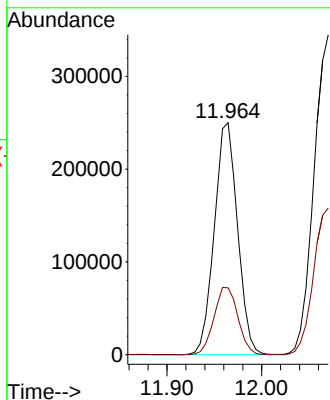
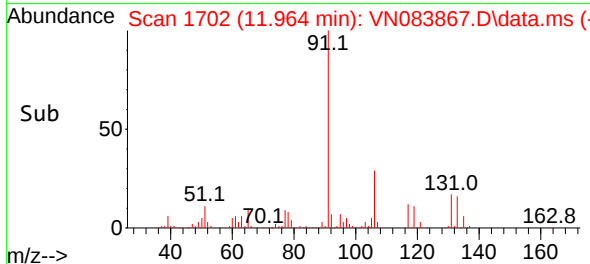
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



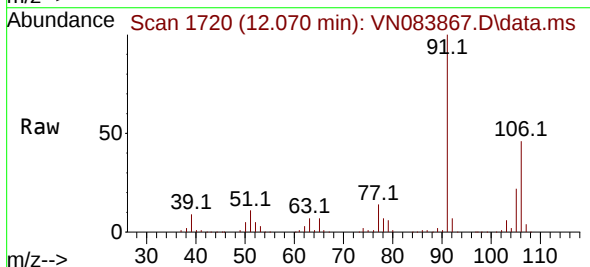
Tgt Ion: 91 Resp: 425940
Ion Ratio Lower Upper
91 100
106 28.8 24.3 36.5

Manual Integrations
APPROVED

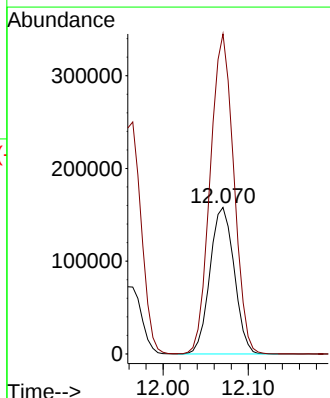
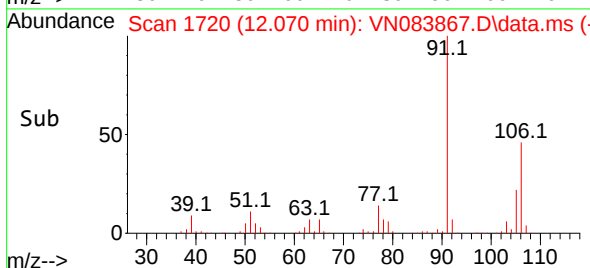
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#68
m/p-Xylenes
Concen: 97.174 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35



Tgt Ion:106 Resp: 312076
Ion Ratio Lower Upper
106 100
91 212.7 169.2 253.8





#69

o-Xylene

Concen: 50.006 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 155460

Ion Ratio Lower Upper

106 100

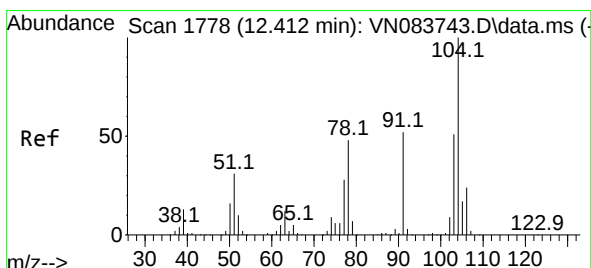
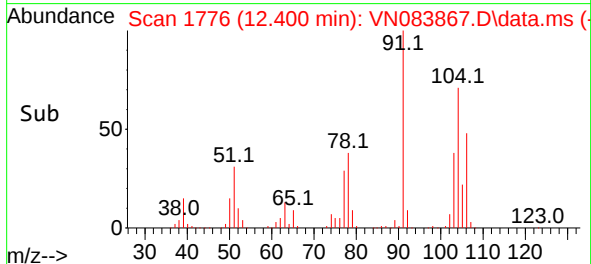
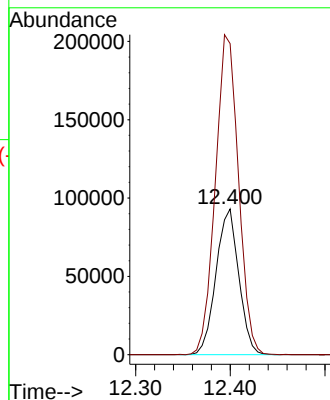
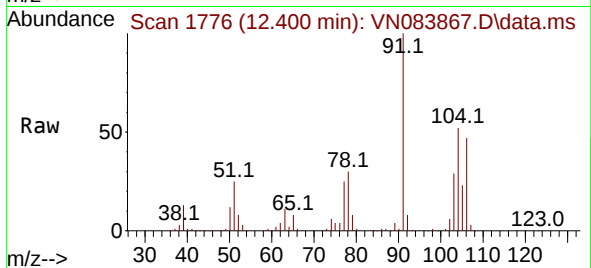
91 223.1 112.9 338.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#70

Styrene

Concen: 50.946 ug/l

RT: 12.411 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

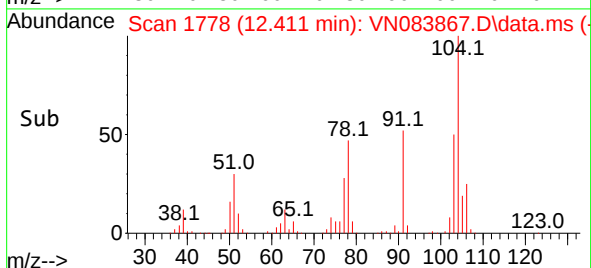
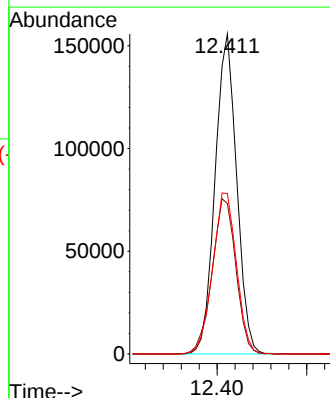
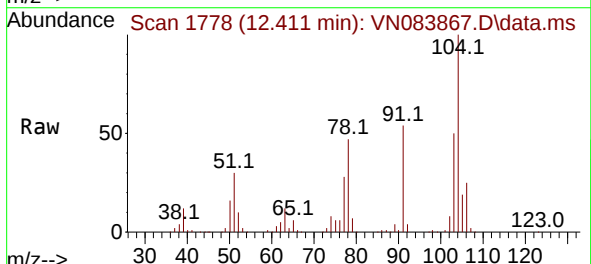
Tgt Ion:104 Resp: 259943

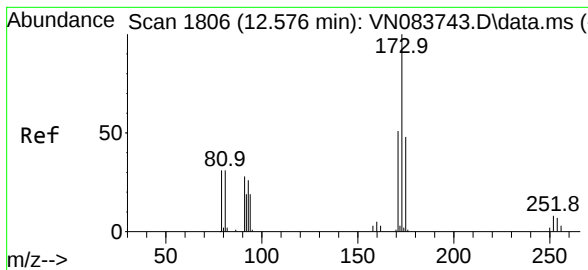
Ion Ratio Lower Upper

104 100

78 53.4 43.3 64.9

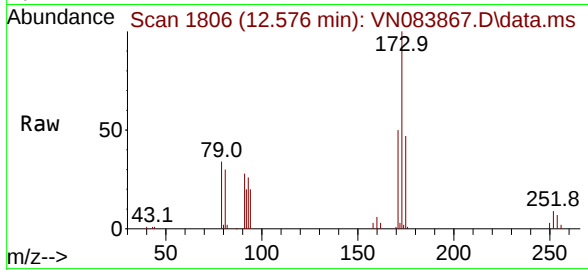
103 55.5 43.4 65.2





#71
Bromoform
Concen: 53.432 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

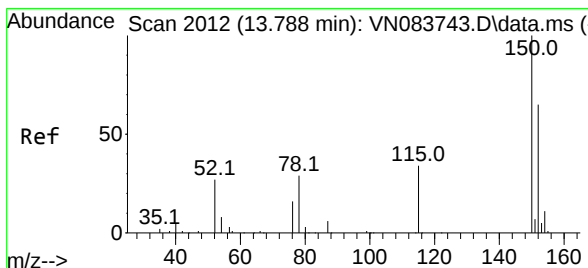
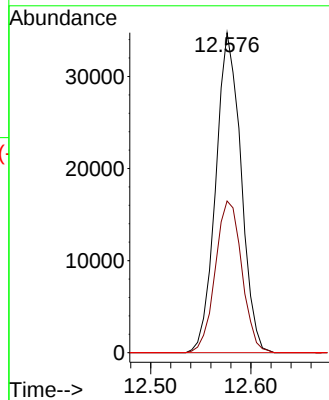
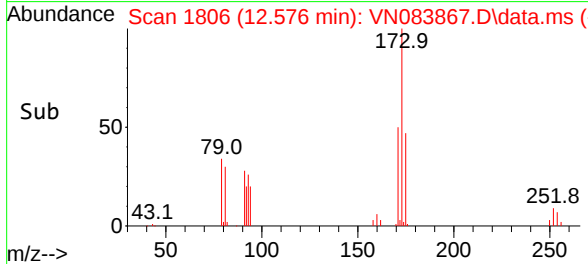
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



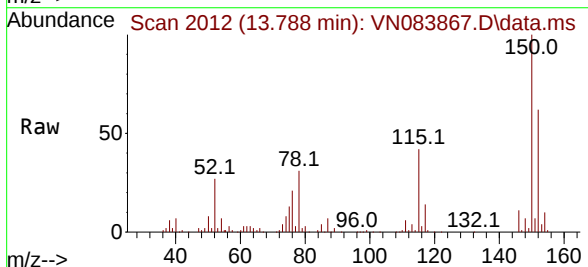
Tgt Ion:173 Resp: 6078
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

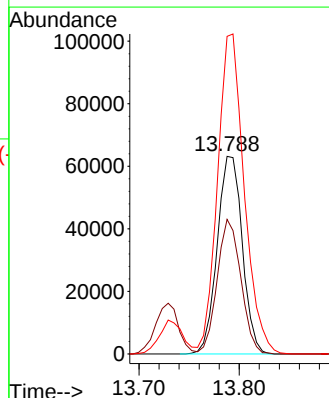
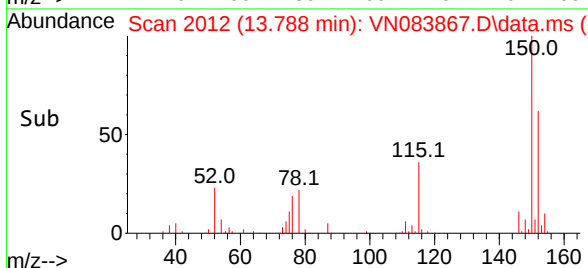
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

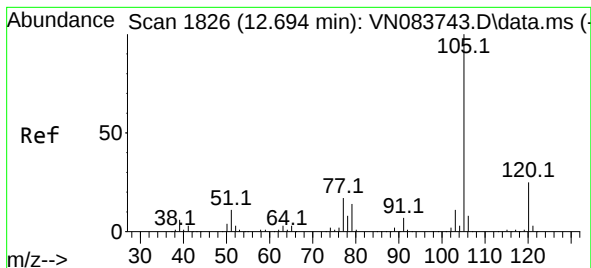


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35



Tgt Ion:152 Resp: 109615
Ion Ratio Lower Upper
152 100
115 64.3 32.2 96.6
150 172.2 0.0 348.6





#73

Isopropylbenzene

Concen: 47.076 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 399225

Ion Ratio Lower Upper

105 100

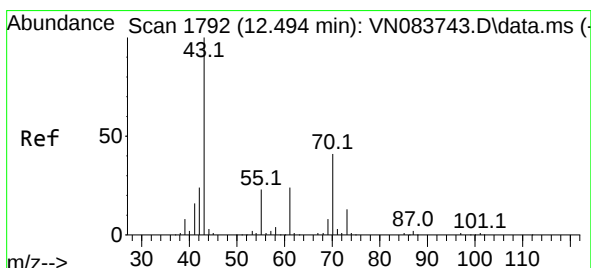
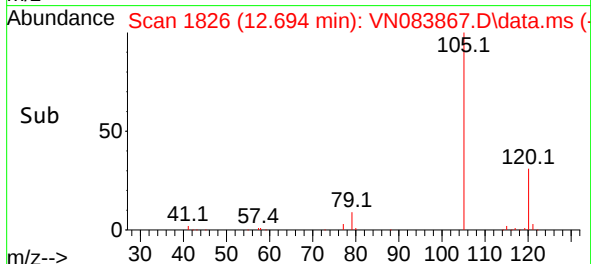
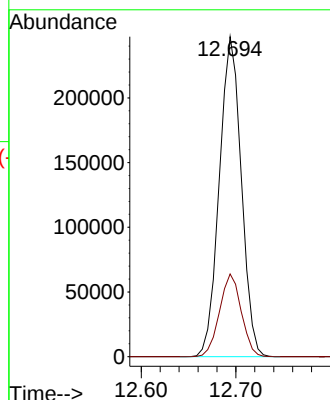
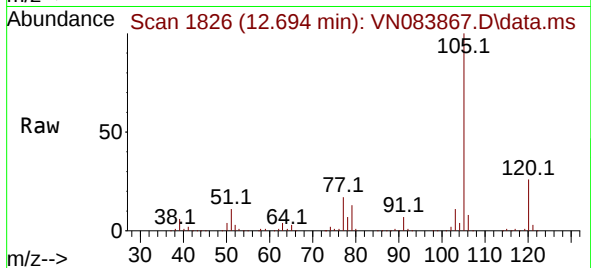
120 25.5 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#74

N-ethyl acetate

Concen: 52.168 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Tgt Ion: 43 Resp: 188757

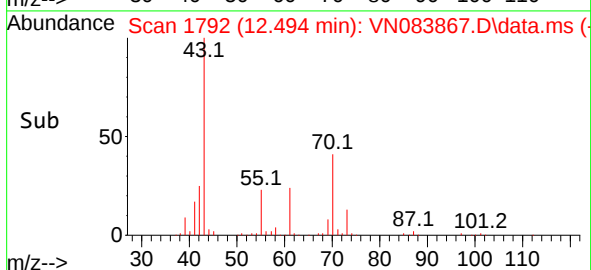
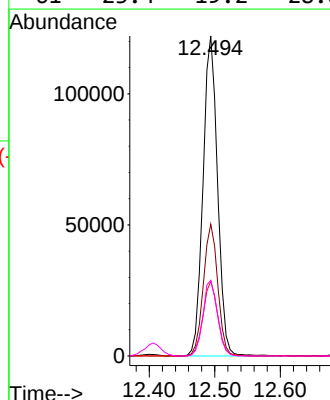
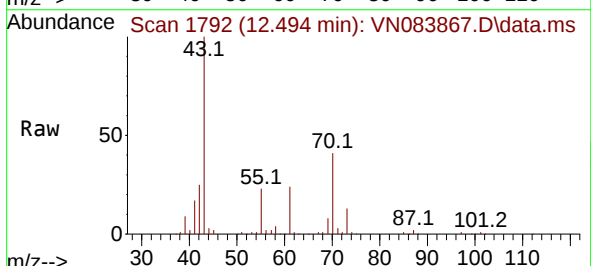
Ion Ratio Lower Upper

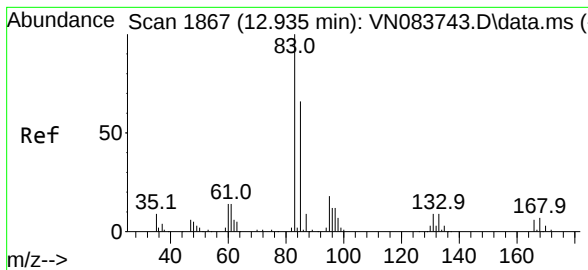
43 100

70 40.8 34.5 51.7

55 23.6 18.6 28.0

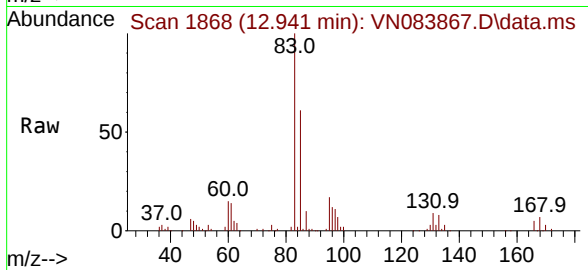
61 23.4 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 48.461 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

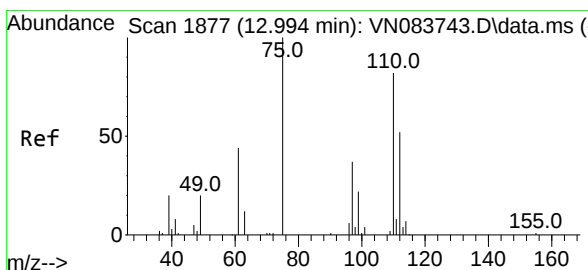
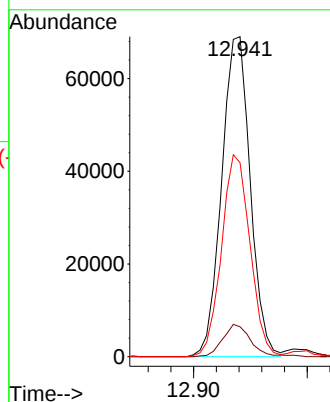
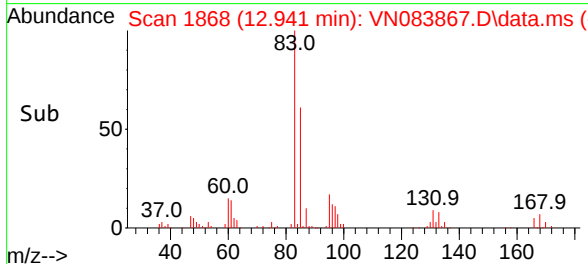
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 120752
Ion Ratio Lower Upper
83 100
131 9.9 5.2 15.6
85 62.9 31.9 95.9

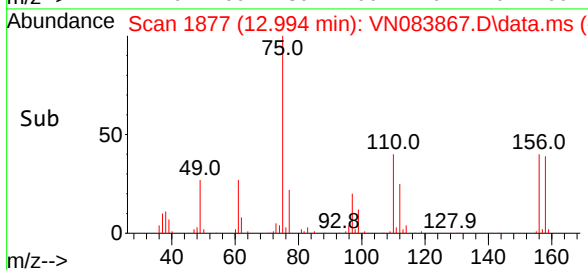
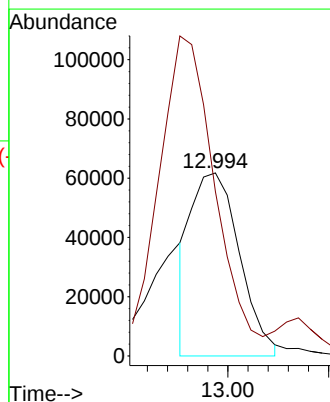
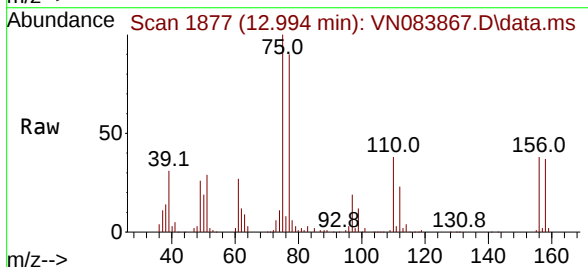
Manual Integrations
APPROVED

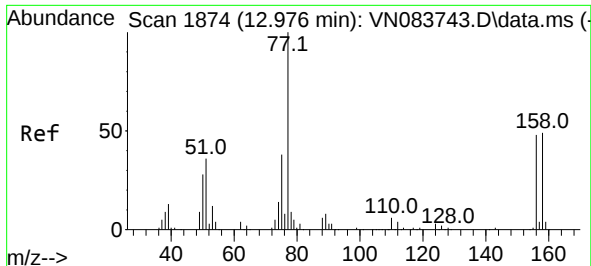
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#76
1,2,3-Trichloropropane
Concen: 46.512 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

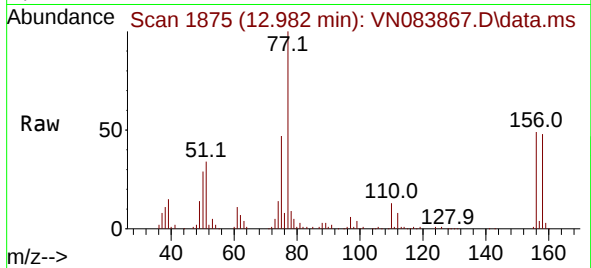
Tgt Ion: 75 Resp: 102875
Ion Ratio Lower Upper
75 100
77 205.3 95.2 285.6





#77
Bromobenzene
Concen: 45.114 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

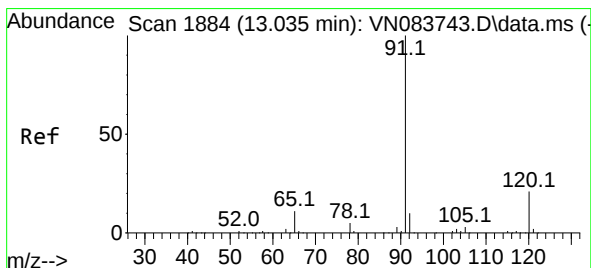
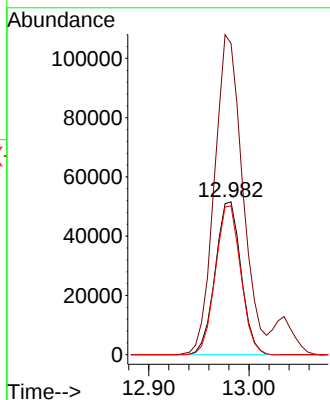
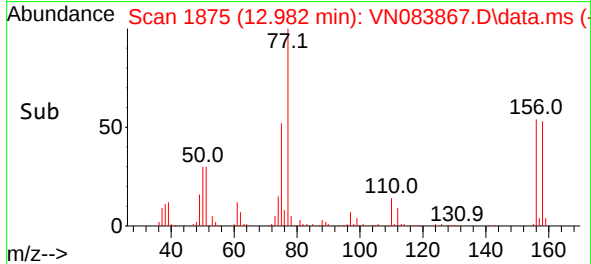
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 9209
Ion Ratio Lower Upper
156 100
77 229.3 114.3 343.1
158 95.6 48.9 146.7

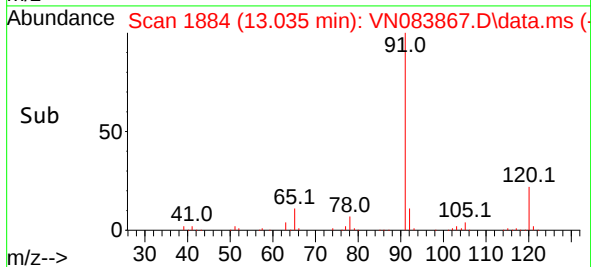
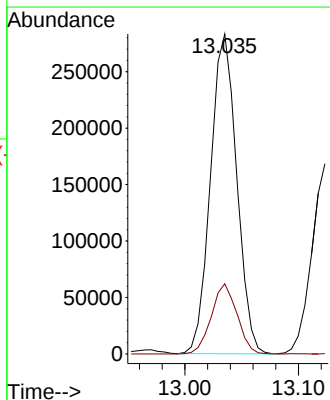
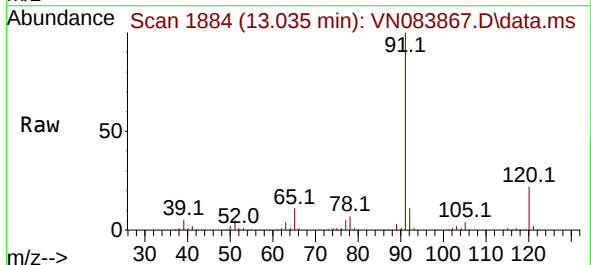
Manual Integrations
APPROVED

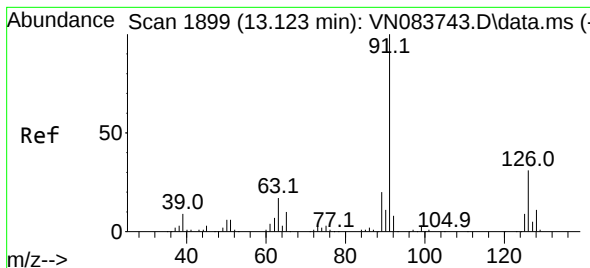
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#78
n-propylbenzene
Concen: 46.051 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Tgt Ion: 91 Resp: 454396
Ion Ratio Lower Upper
91 100
120 21.5 11.0 33.0





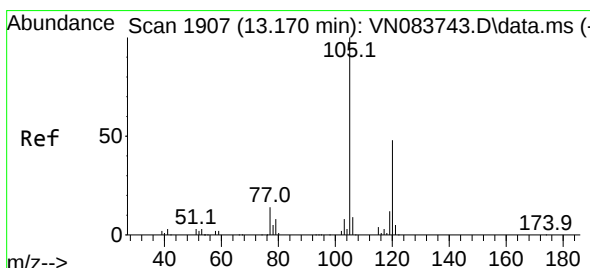
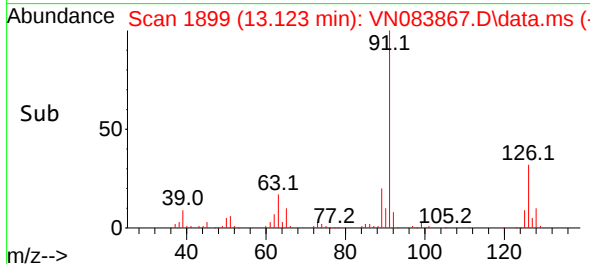
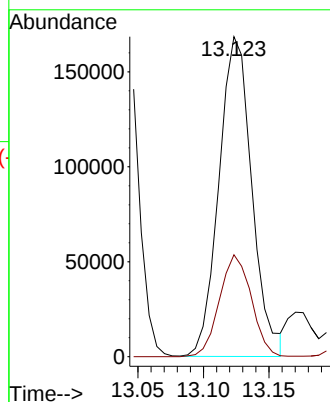
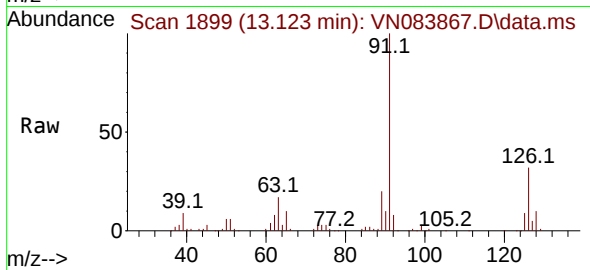
#79
2-Chlorotoluene
Concen: 46.739 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 294110
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.2

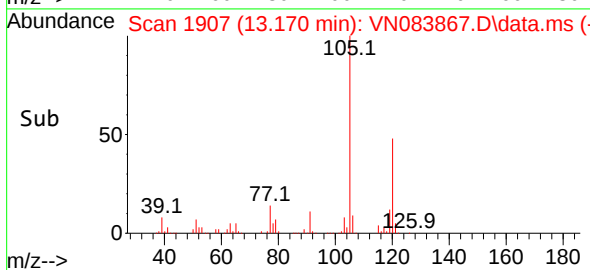
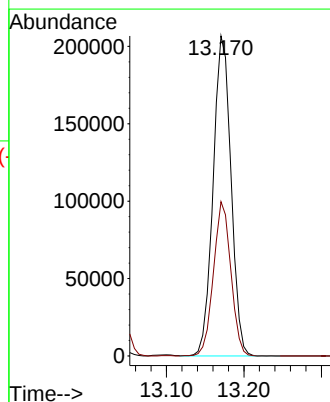
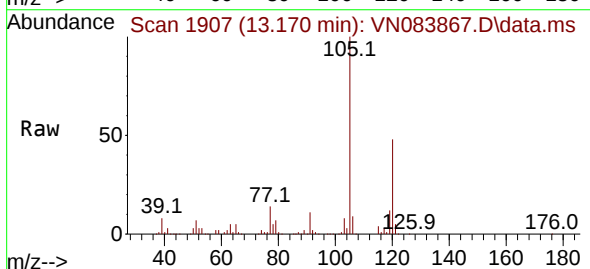
Manual Integrations
APPROVED

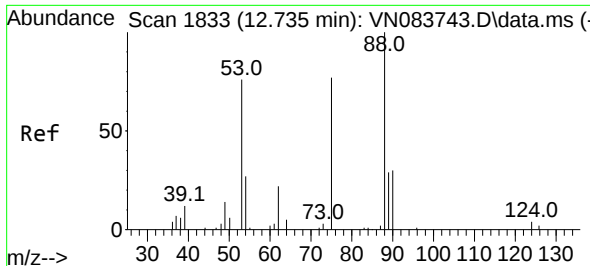
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 46.368 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

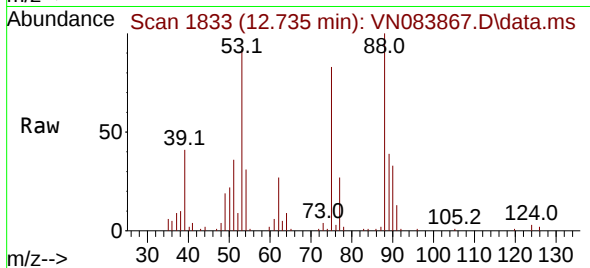
Tgt Ion:105 Resp: 331523
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 40.366 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

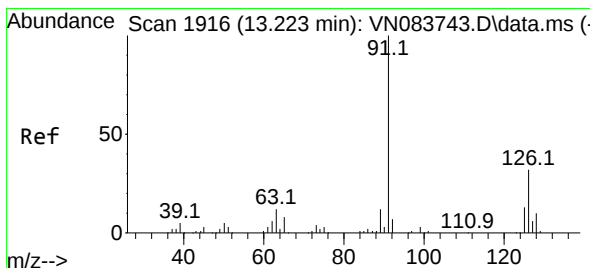
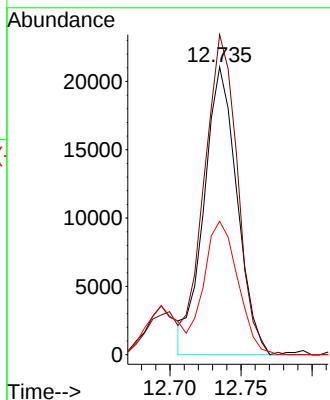
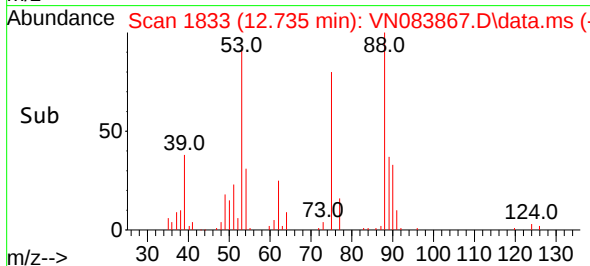
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



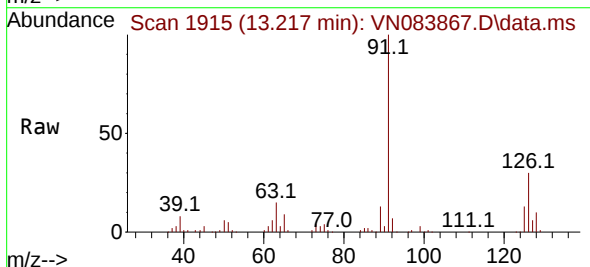
Tgt Ion: 75 Resp: 34089
Ion Ratio Lower Upper
75 100
53 111.8 81.2 121.8
89 47.5 35.7 53.5

Manual Integrations
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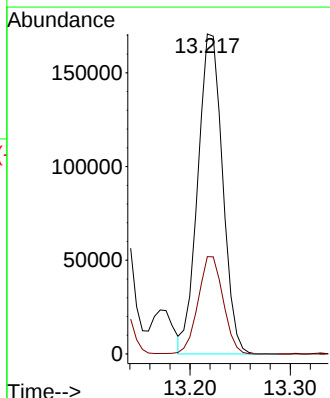
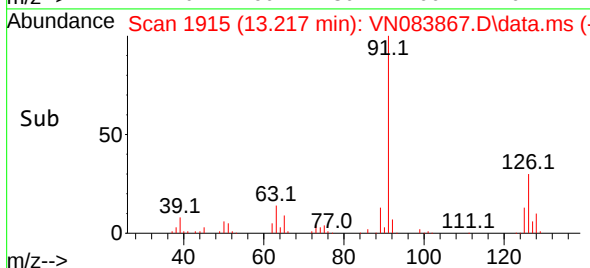
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

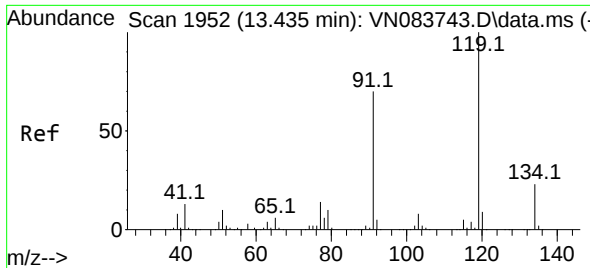


#82
4-Chlorotoluene
Concen: 46.482 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35



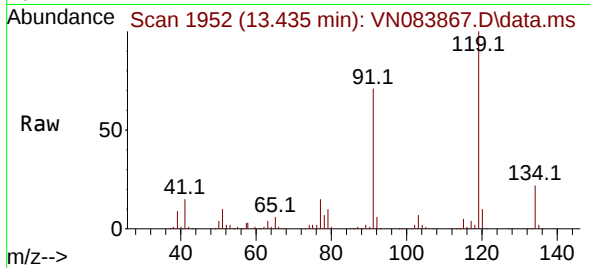
Tgt Ion: 91 Resp: 293529
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.2





#83
tert-Butylbenzene
Concen: 46.863 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

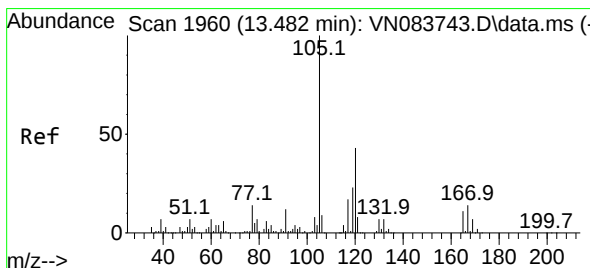
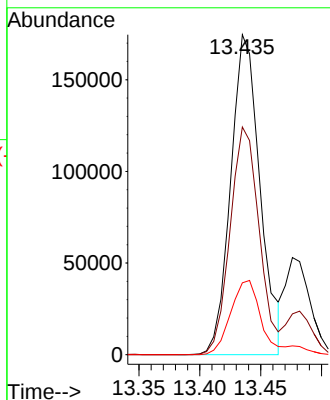
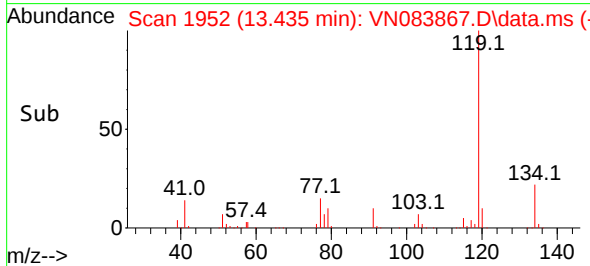
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



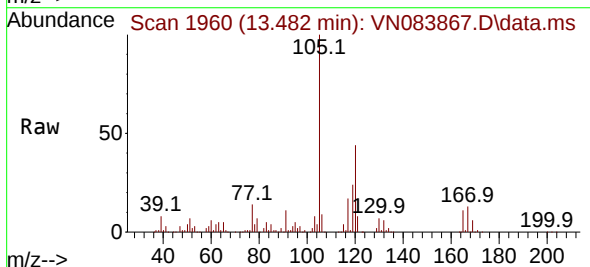
Tgt Ion:119 Resp: 293140
Ion Ratio Lower Upper
119 100
91 70.6 34.5 103.6
134 25.5 12.8 38.4

Manual Integrations
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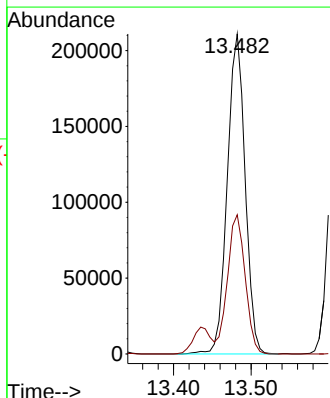
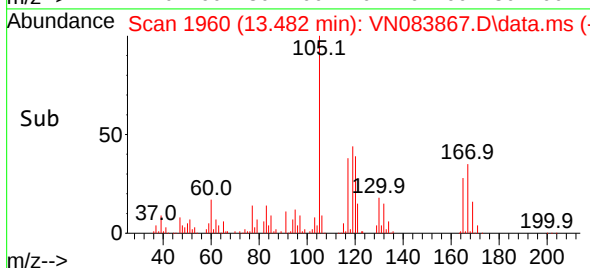
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

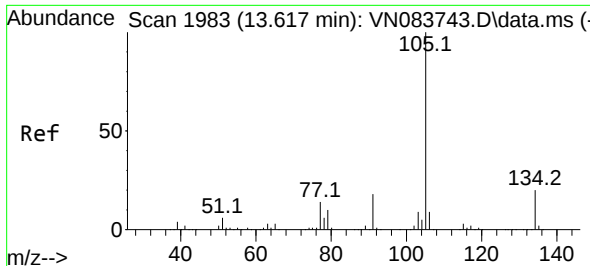


#84
1,2,4-Trimethylbenzene
Concen: 47.038 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35



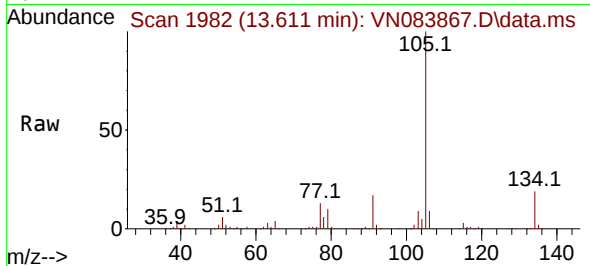
Tgt Ion:105 Resp: 337830
Ion Ratio Lower Upper
105 100
120 43.3 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 46.766 ug/l
 RT: 13.611 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN083867.D
 Acq: 13 Sep 2024 10:35

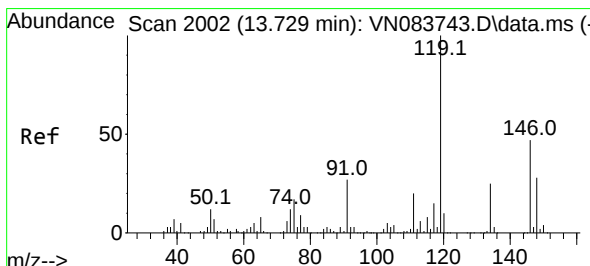
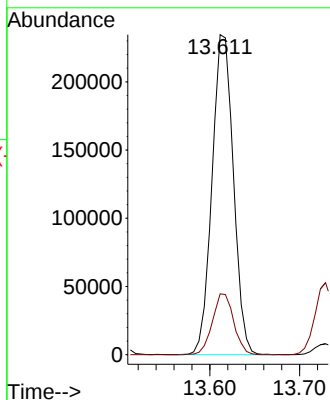
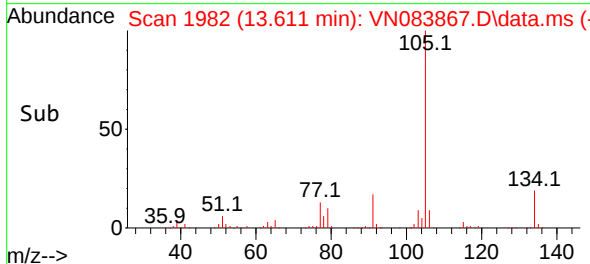
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



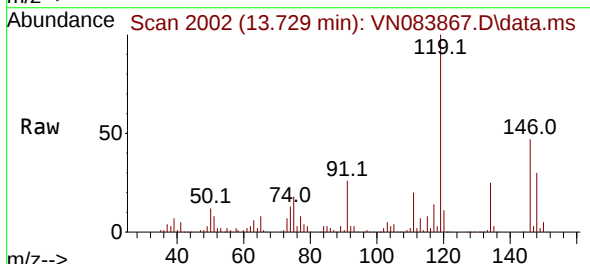
Tgt Ion:105 Resp: 387968
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1

Manual Integrations
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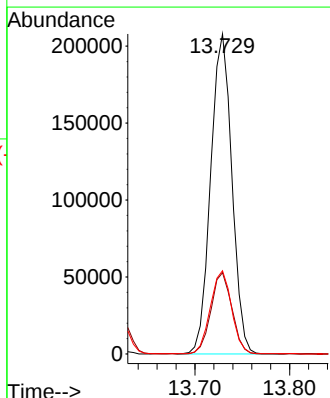
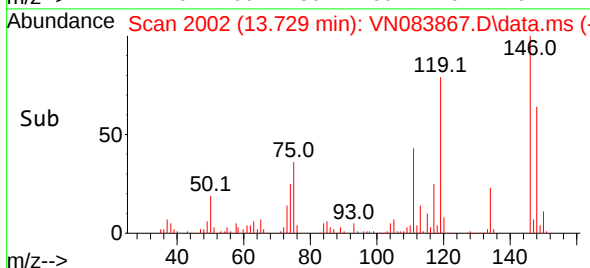
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#86
 p-Isopropyltoluene
 Concen: 46.496 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083867.D
 Acq: 13 Sep 2024 10:35



Tgt Ion:119 Resp: 323346
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.3
 91 25.9 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 44.520 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 171514

Ion Ratio Lower Upper

146 100

111 43.5 21.7 65.1

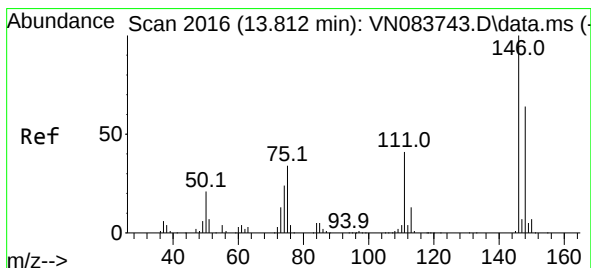
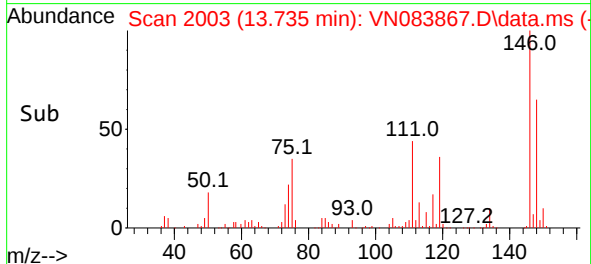
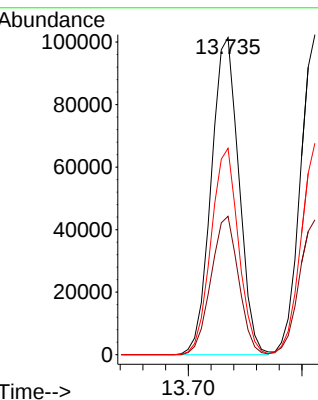
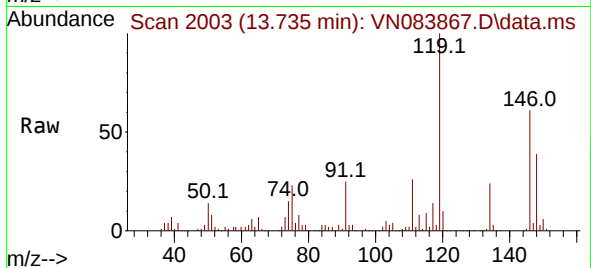
148 64.5 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#88

1,4-Dichlorobenzene

Concen: 44.109 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN083867.D

Acq: 13 Sep 2024 10:35

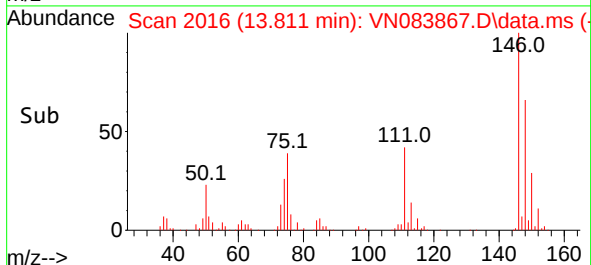
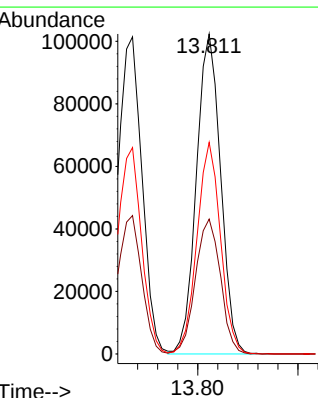
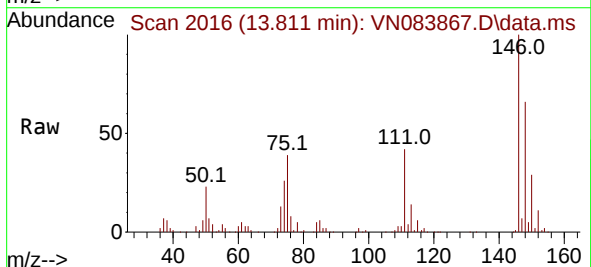
Tgt Ion:146 Resp: 172069

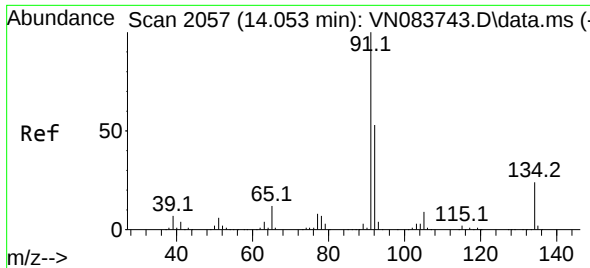
Ion Ratio Lower Upper

146 100

111 43.6 21.3 64.0

148 64.2 32.0 96.2





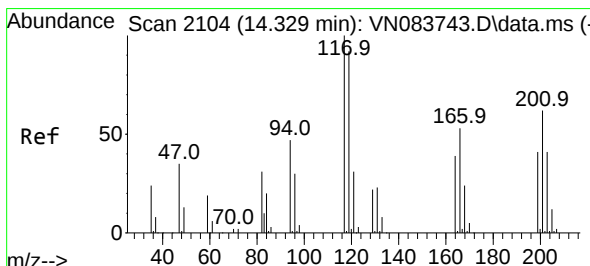
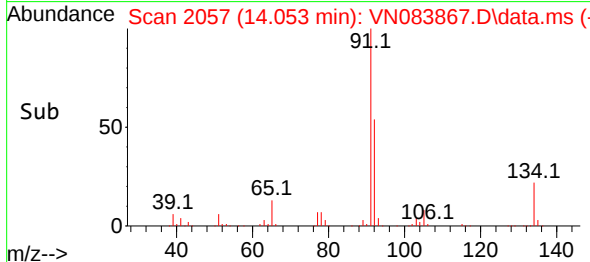
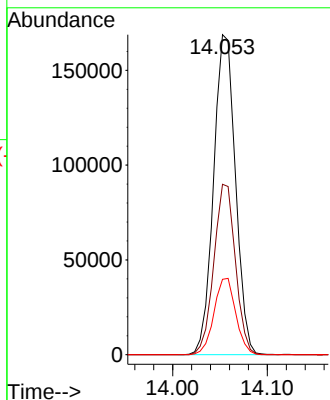
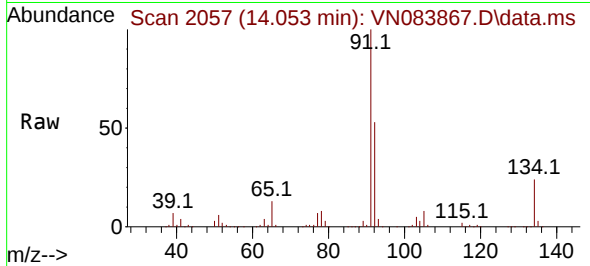
#89
n-Butylbenzene
Concen: 43.434 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 27119
Ion Ratio Lower Upper
91 100
92 52.4 26.7 80.1
134 23.7 12.2 36.4

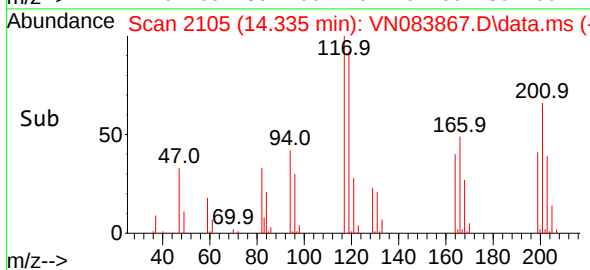
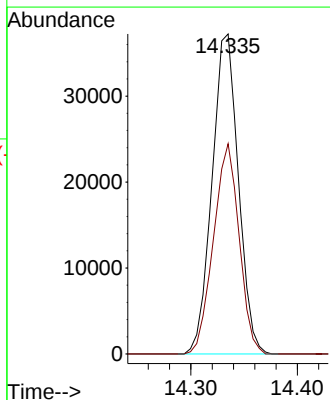
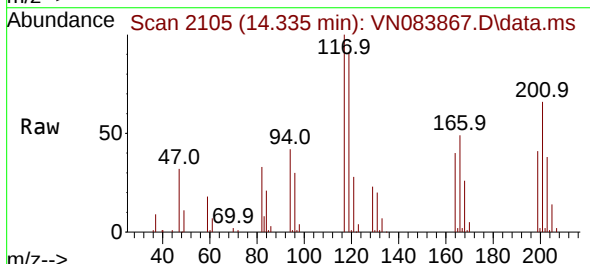
Manual Integrations
APPROVED

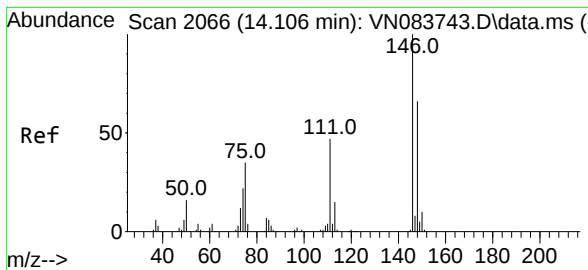
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#90
Hexachloroethane
Concen: 45.667 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Tgt Ion:117 Resp: 63840
Ion Ratio Lower Upper
117 100
201 63.9 32.8 98.3





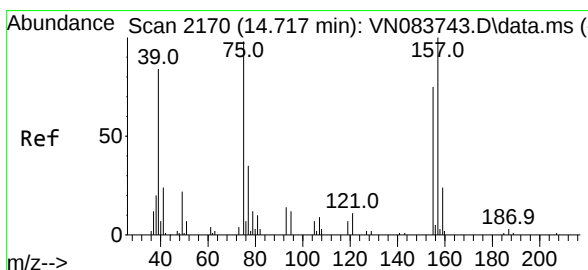
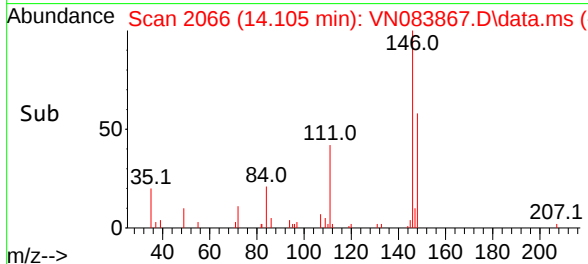
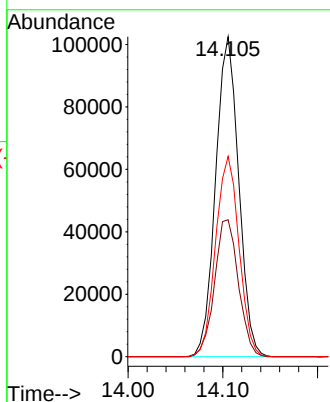
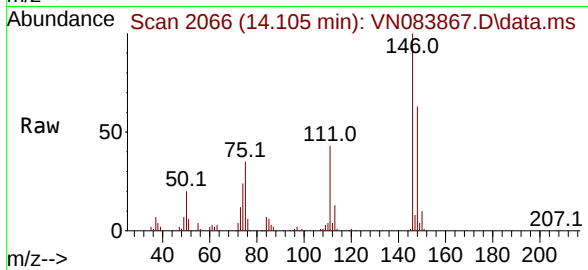
#91
1,2-Dichlorobenzene
Concen: 46.699 ug/l
RT: 14.105 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 17363
Ion Ratio Lower Upper
146 100
111 44.2 22.8 68.3
148 63.5 32.1 96.5

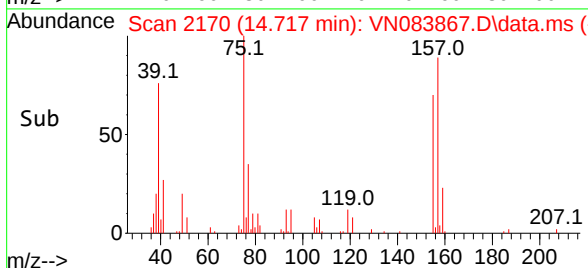
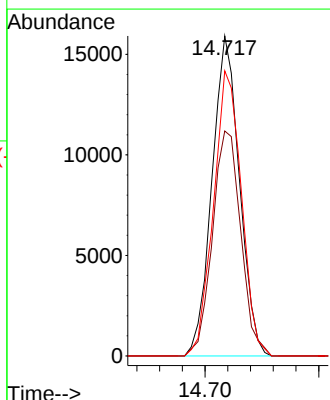
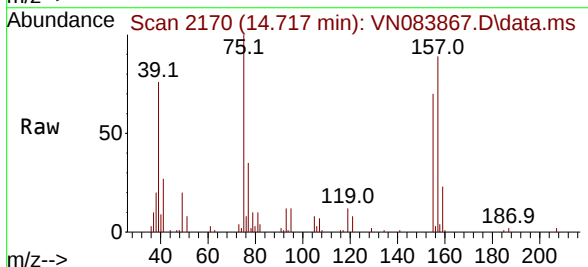
Manual Integrations
APPROVED

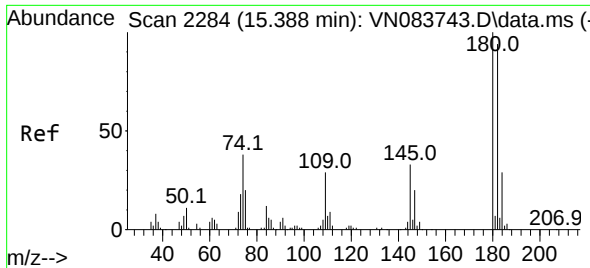
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.720 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

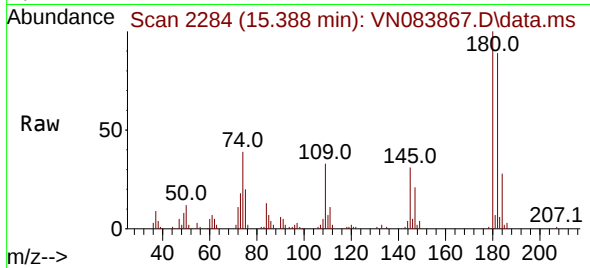
Tgt Ion: 75 Resp: 26683
Ion Ratio Lower Upper
75 100
155 72.8 35.9 107.7
157 90.4 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 44.101 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

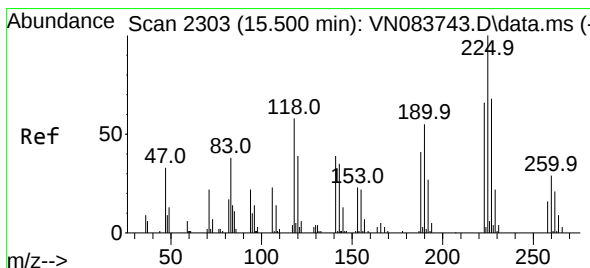
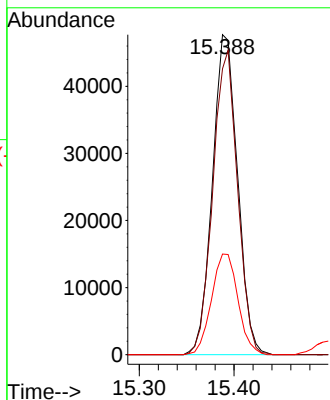
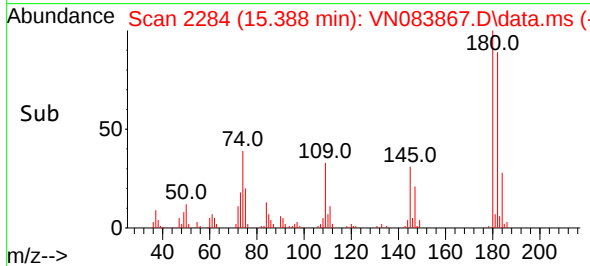
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



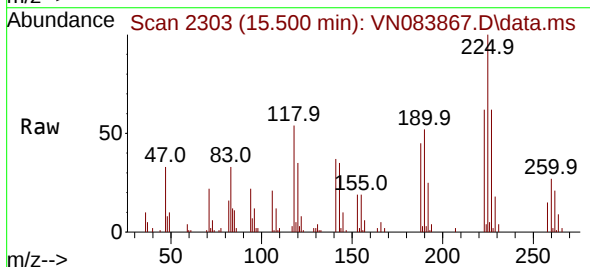
Tgt Ion:180 Resp: 87990
Ion Ratio Lower Upper
180 100
182 93.5 48.1 144.3
145 33.1 16.9 50.7

Manual Integrations
APPROVED

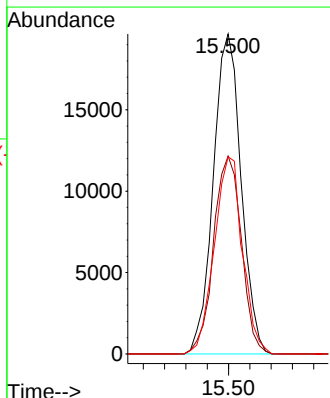
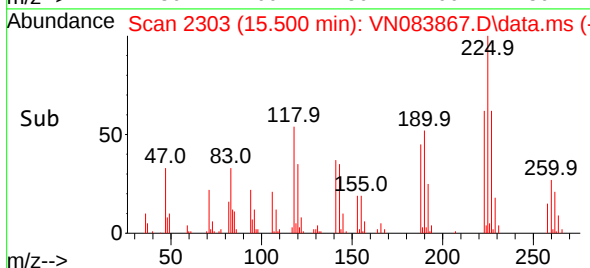
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

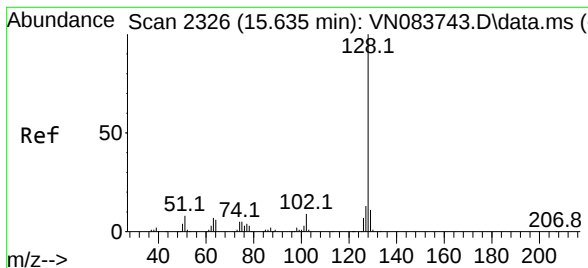


#94
Hexachlorobutadiene
Concen: 42.035 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35



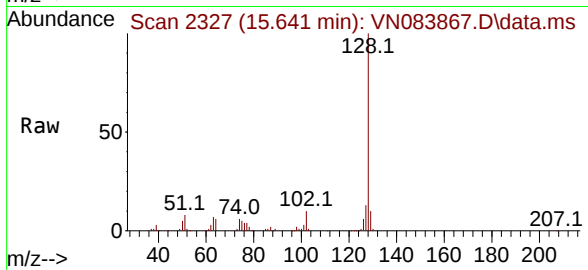
Tgt Ion:225 Resp: 35617
Ion Ratio Lower Upper
225 100
223 61.8 31.9 95.5
227 62.3 32.0 96.2





#95
Naphthalene
Concen: 49.713 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35

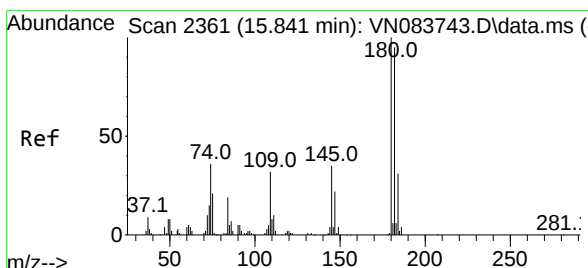
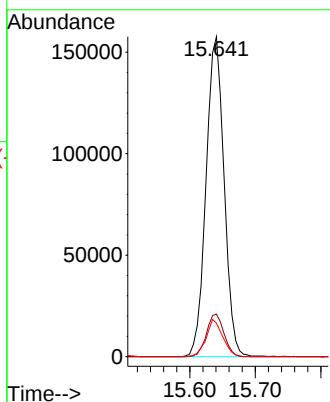
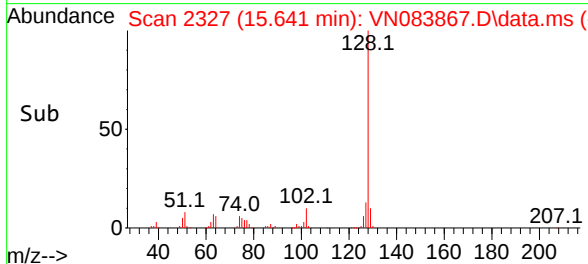
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



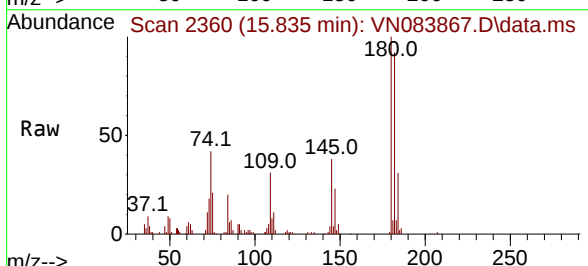
Tgt Ion:128 Resp: 30176
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#96
1,2,3-Trichlorobenzene
Concen: 44.241 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083867.D
Acq: 13 Sep 2024 10:35



Tgt Ion:180 Resp: 84359
Ion Ratio Lower Upper
180 100
182 93.1 47.1 141.4
145 36.3 17.8 53.5

