

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083743.D
 Acq On : 10 Sep 2024 09:32
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2024
 Supervised By : Semsettin Yesilyurt 09/11/2024

Quant Time: Sep 11 01:54:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 01:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	172686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146624	56.310	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.620%			
35) Dibromofluoromethane	8.165	113	103536	53.049	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.100%			
50) Toluene-d8	10.565	98	387600	57.446	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.900%#			
62) 4-Bromofluorobenzene	12.847	95	148654	53.401	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	103740	51.728	ug/l	99
3) Chloromethane	2.359	50	107608	52.642	ug/l	99
4) Vinyl Chloride	2.512	62	113364	51.571	ug/l	97
5) Bromomethane	2.906	94	61931	49.070	ug/l	98
6) Chloroethane	3.083	64	74441	48.814	ug/l	100
7) Trichlorofluoromethane	3.471	101	183864	49.276	ug/l	98
8) Diethyl Ether	3.953	74	63376	50.670	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	101147	51.143	ug/l	97
10) Methyl Iodide	4.577	142	131056	52.103	ug/l	96
11) Tert butyl alcohol	5.530	59	87546	251.078	ug/l	99
12) 1,1-Dichloroethene	4.330	96	96478	51.654	ug/l	93
13) Acrolein	4.171	56	89867	261.217	ug/l	98
14) Allyl chloride	5.018	41	172508	51.834	ug/l	99
15) Acrylonitrile	5.718	53	237803	250.783	ug/l	99
16) Acetone	4.430	43	256758	245.978	ug/l	100
17) Carbon Disulfide	4.700	76	264217	50.571	ug/l	100
18) Methyl Acetate	5.024	43	115167	53.068	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	346063	51.202	ug/l	98
20) Methylene Chloride	5.271	84	105124	49.214	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	100281	50.098	ug/l	93
22) Diisopropyl ether	6.671	45	354685	51.771	ug/l	98
23) Vinyl Acetate	6.600	43	1334972	266.082	ug/l	99
24) 1,1-Dichloroethane	6.559	63	197743	50.099	ug/l	99
25) 2-Butanone	7.483	43	339457	247.428	ug/l	100
26) 2,2-Dichloropropane	7.483	77	188830	51.949	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	123764	52.085	ug/l	99
28) Bromochloromethane	7.812	49	90626	54.522	ug/l	98
29) Tetrahydrofuran	7.836	42	208523	257.049	ug/l	97
30) Chloroform	7.959	83	210873	50.323	ug/l	96
31) Cyclohexane	8.253	56	175569	46.653	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	196328	50.954	ug/l	100
36) 1,1-Dichloropropene	8.371	75	143931	48.996	ug/l	100
37) Ethyl Acetate	7.559	43	139729	52.402	ug/l	98
38) Carbon Tetrachloride	8.359	117	171174	51.362	ug/l	97
39) Methylcyclohexane	9.600	83	174544	52.200	ug/l	99
40) Benzene	8.600	78	439364	49.691	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	80473	51.026	ug/l	99
42) 1,2-Dichloroethane	8.671	62	166416	50.370	ug/l	99
43) Isopropyl Acetate	8.688	43	242653	50.218	ug/l	97
44) Trichloroethene	9.353	130	103614	50.604	ug/l	99
45) 1,2-Dichloropropane	9.618	63	106419	49.798	ug/l	98
46) Dibromomethane	9.706	93	77488	51.768	ug/l	98
47) Bromodichloromethane	9.888	83	167396	51.674	ug/l	99
48) Methyl methacrylate	9.677	41	115324	50.305	ug/l	98
49) 1,4-Dioxane	9.694	88	36620	971.017	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	675474	256.804	ug/l	98
52) Toluene	10.629	92	276845	51.189	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	170271	51.855	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	178747	51.823	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	100040	49.547	ug/l	98
56) Ethyl methacrylate	10.871	69	169686	54.624	ug/l	99
57) 1,3-Dichloropropane	11.159	76	175459	50.562	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	264081	235.930	ug/l	99
59) 2-Hexanone	11.194	43	501507	257.751	ug/l	99
60) Dibromochloromethane	11.359	129	119533	52.899	ug/l #	10
61) 1,2-Dibromoethane	11.465	107	101248	50.281	ug/l	100
64) Tetrachloroethene	11.100	164	85484	48.327	ug/l	98
65) Chlorobenzene	11.888	112	290168	49.084	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	104718	51.096	ug/l	99
67) Ethyl Benzene	11.965	91	539737	51.395	ug/l	99
68) m/p-Xylenes	12.071	106	401299	102.926	ug/l	99
69) o-Xylene	12.394	106	196721	52.119	ug/l	98
70) Styrene	12.412	104	330888	53.417	ug/l	99
71) Bromoform	12.576	173	74017	53.596	ug/l #	99
73) Isopropylbenzene	12.694	105	519478	52.691	ug/l	100
74) N-amyl acetate	12.494	43	221603	52.682	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	139525	48.166	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	120040m	46.684	ug/l	
77) Bromobenzene	12.976	156	114527	48.259	ug/l	98
78) n-propylbenzene	13.035	91	606410	52.864	ug/l	99
79) 2-Chlorotoluene	13.123	91	368645	50.391	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	435677	52.415	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	52353	53.325	ug/l	97
82) 4-Chlorotoluene	13.223	91	375734	51.180	ug/l	99
83) tert-Butylbenzene	13.435	119	384034	52.809	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	443899	53.164	ug/l	100
85) sec-Butylbenzene	13.617	105	520441	53.962	ug/l	100
86) p-Isopropyltoluene	13.729	119	439355	54.344	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	221915	49.548	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	221827	48.914	ug/l	99
89) n-Butylbenzene	14.053	91	382538	52.700	ug/l	100
90) Hexachloroethane	14.329	117	81825	50.348	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	215156	49.777	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30218	52.330	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	118780	51.209	ug/l	98
94) Hexachlorobutadiene	15.500	225	47681	48.405	ug/l	99
95) Naphthalene	15.635	128	384390	54.471	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	114047	51.447	ug/l	98

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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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Manual Integrations

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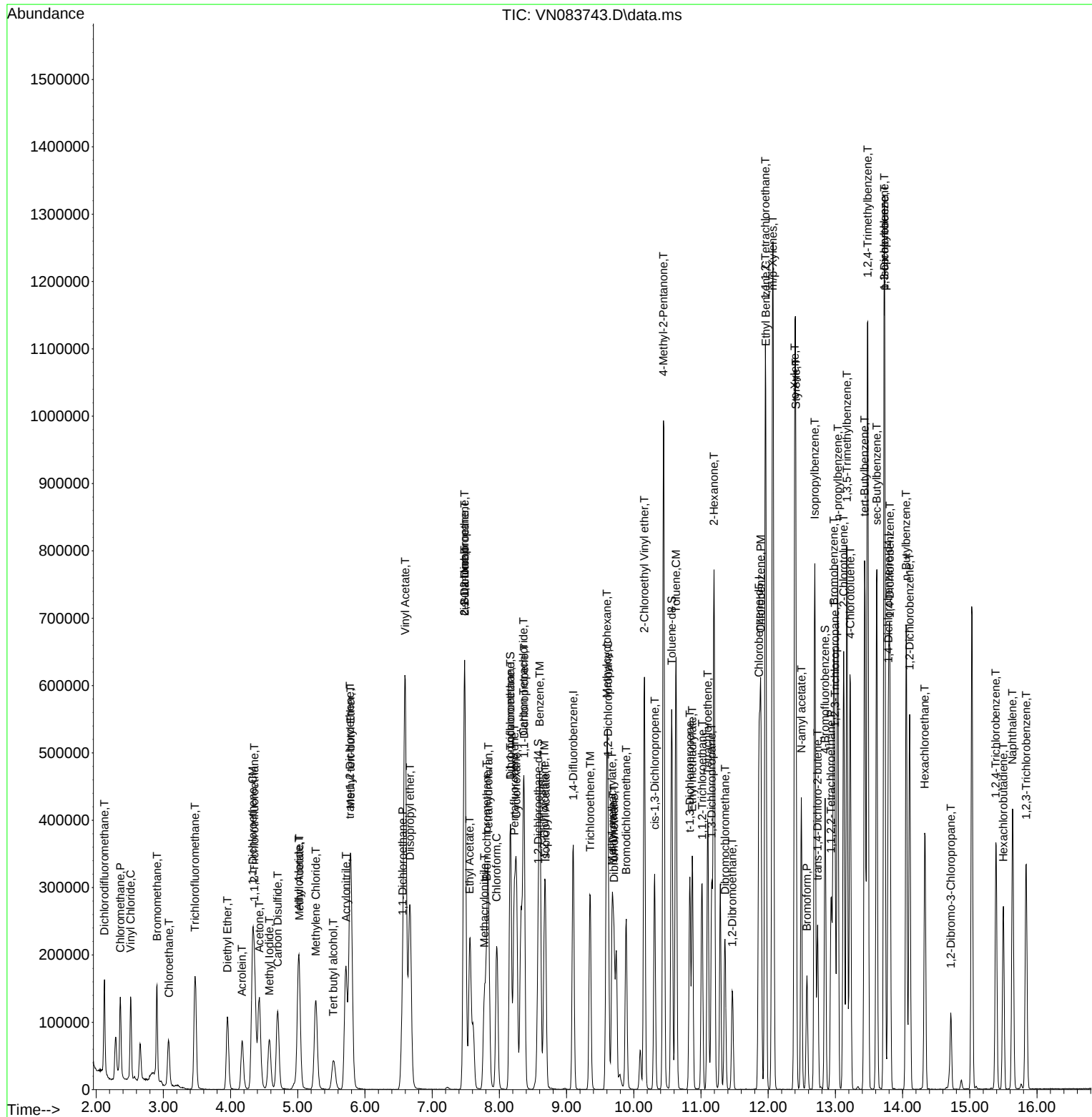
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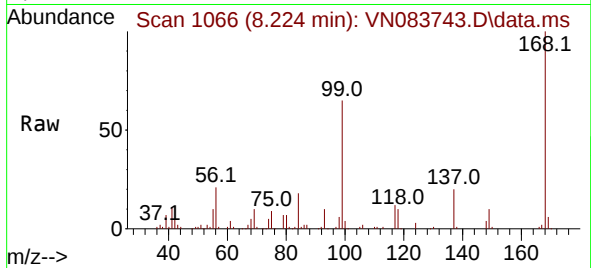
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

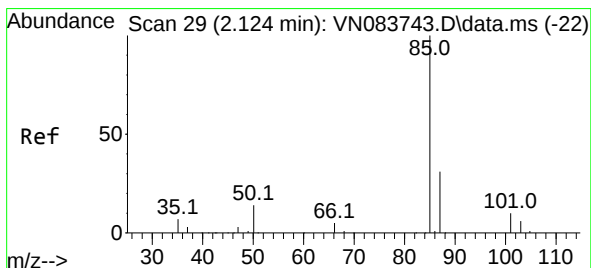
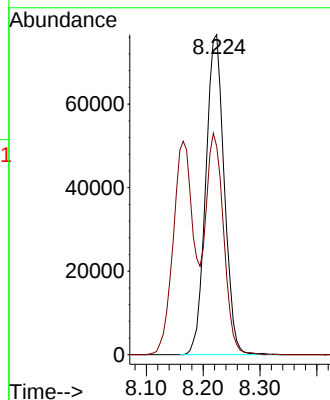
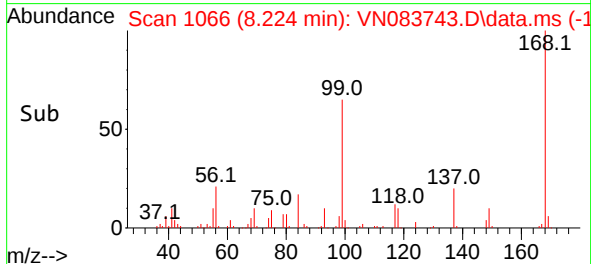
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 172680
Ion Ratio Lower Upper
168 100
99 65.1 54.2 81.2

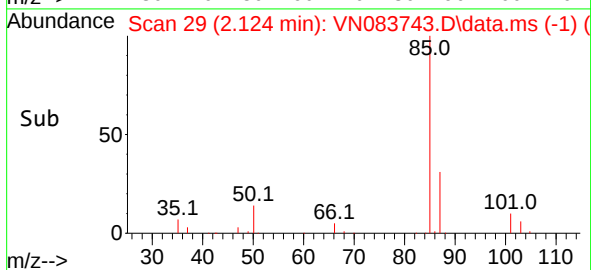
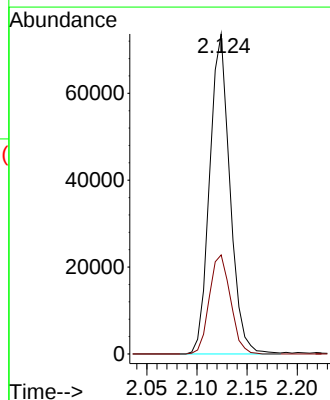
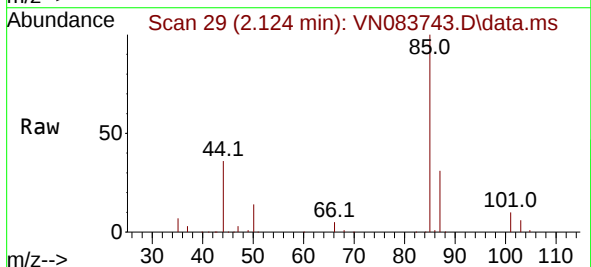
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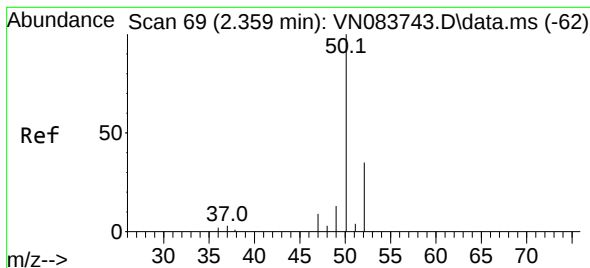
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#2
Dichlorodifluoromethane
Concen: 51.728 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 85 Resp: 103740
Ion Ratio Lower Upper
85 100
87 31.0 15.7 47.0





#3

Chloromethane

Concen: 52.642 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 107608

Ion Ratio Lower Upper

50 100

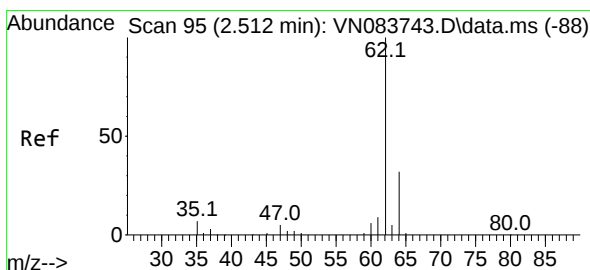
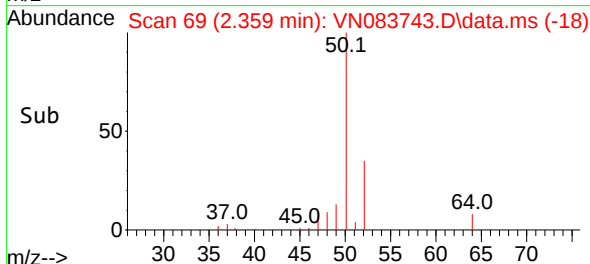
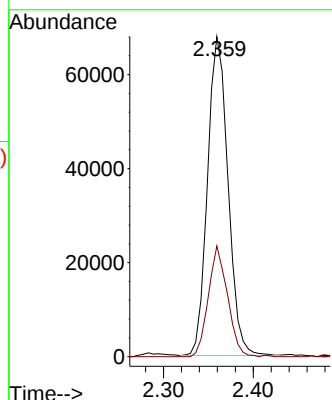
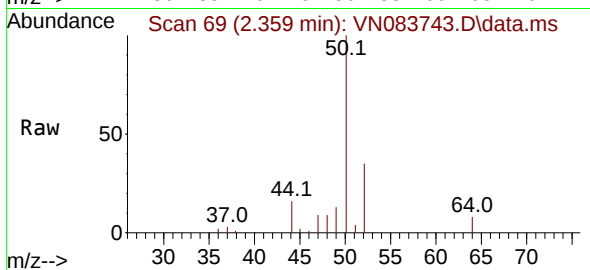
52 34.7 27.2 40.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.571 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083743.D

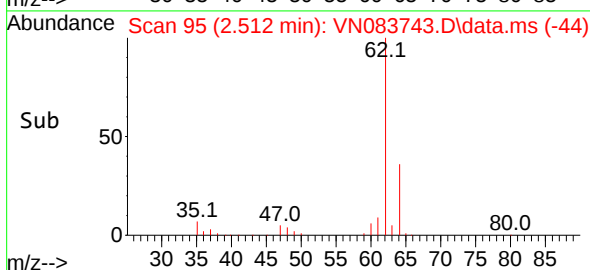
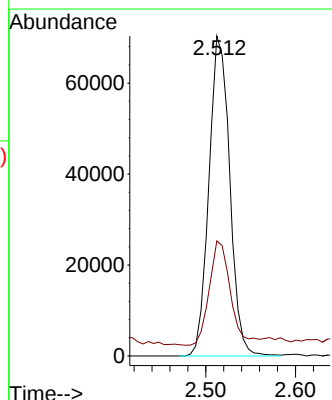
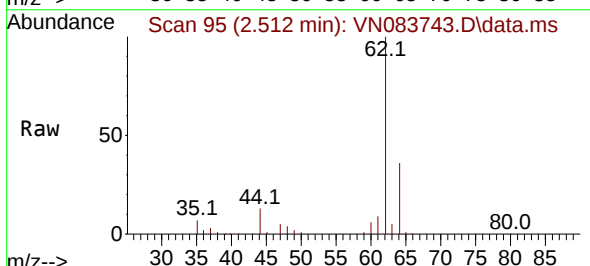
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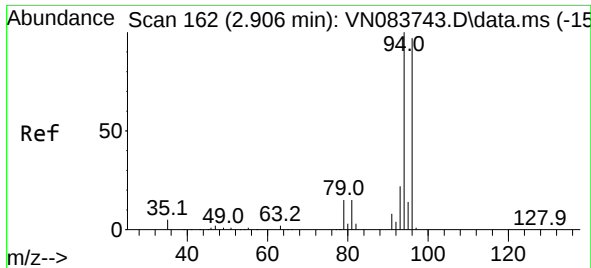
Tgt Ion: 62 Resp: 113364

Ion Ratio Lower Upper

62 100

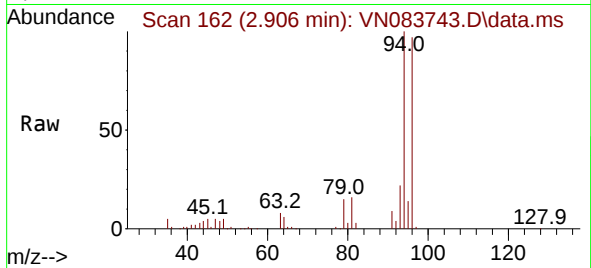
64 32.5 24.7 37.1





#5
Bromomethane
Concen: 49.070 ug/l
RT: 2.906 min Scan# 162
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

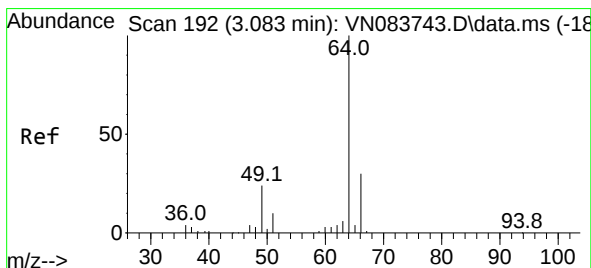
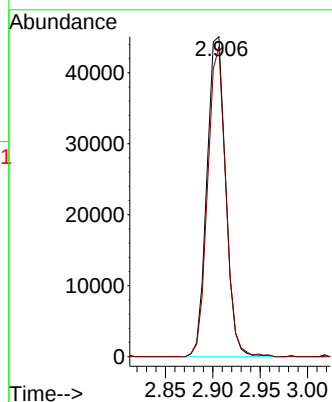
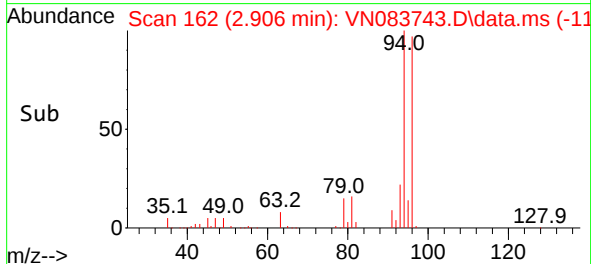
Instrument :
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Tgt Ion: 94 Resp: 6193
Ion Ratio Lower Upper
94 100
96 96.8 76.0 114.0

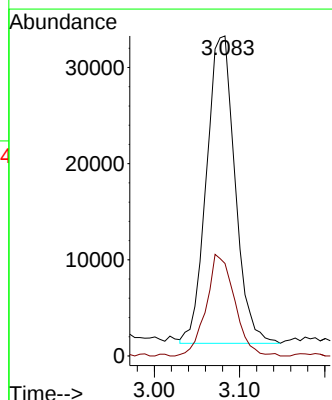
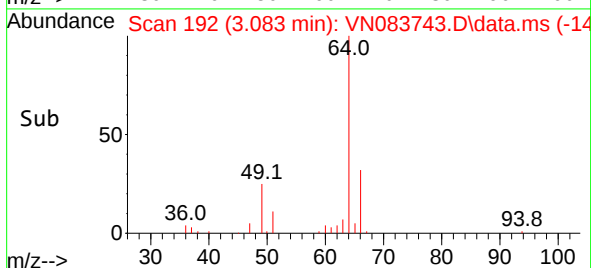
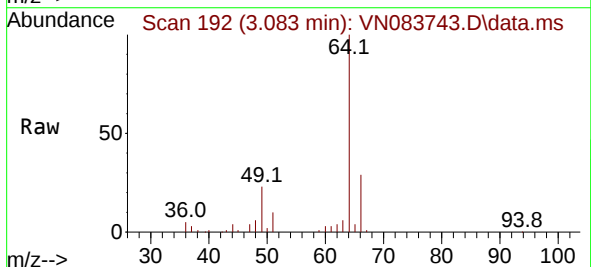
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#6
Chloroethane
Concen: 48.814 ug/l
RT: 3.083 min Scan# 192
Delta R.T. -0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

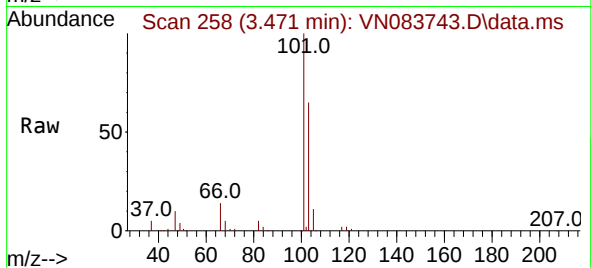
Tgt Ion: 64 Resp: 74441
Ion Ratio Lower Upper
64 100
66 30.1 23.9 35.9





#7
Trichlorofluoromethane
Concen: 49.276 ug/l
RT: 3.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

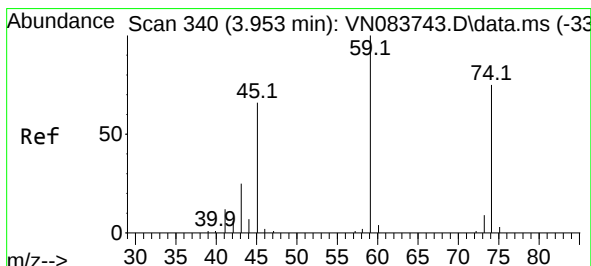
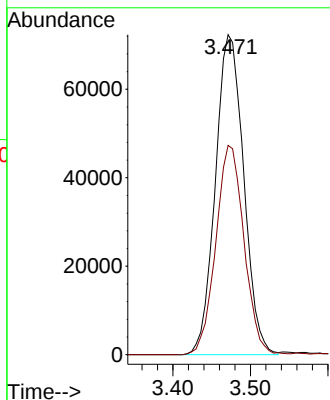
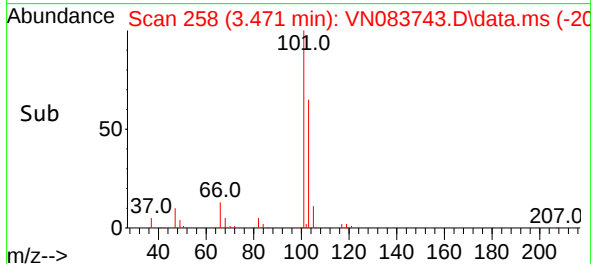
Instrument :
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ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 183864
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0

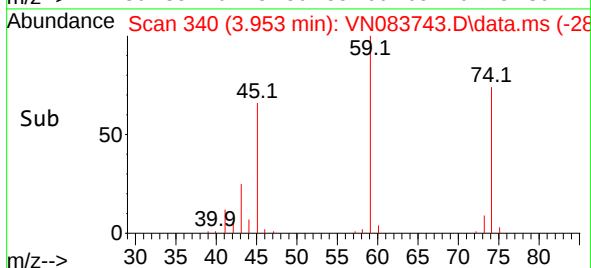
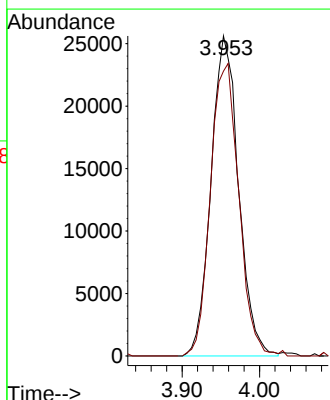
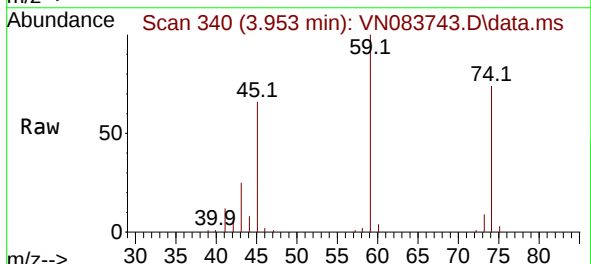
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#8
Diethyl Ether
Concen: 50.670 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 74 Resp: 63376
Ion Ratio Lower Upper
74 100
45 94.3 46.7 140.1





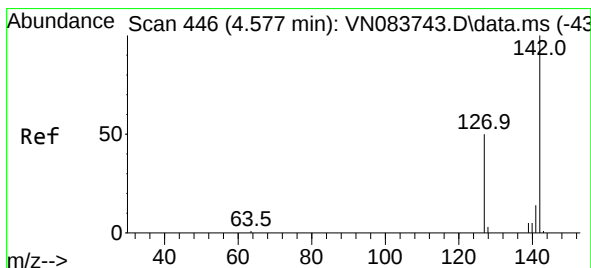
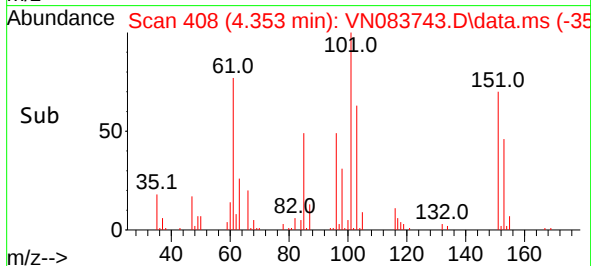
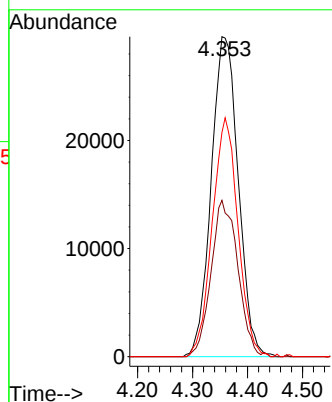
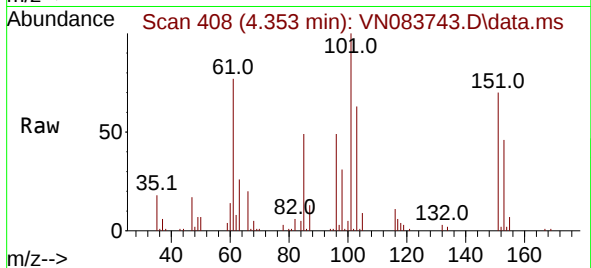
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.143 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 10114
Ion Ratio Lower Upper
101 100
85 48.5 36.2 54.4
151 71.0 57.7 86.5

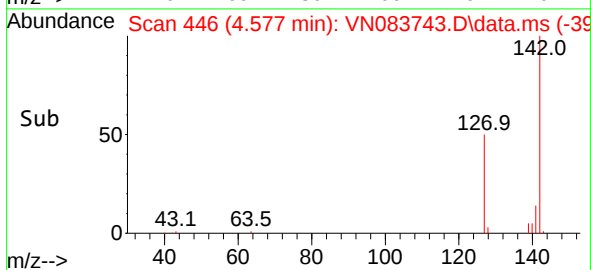
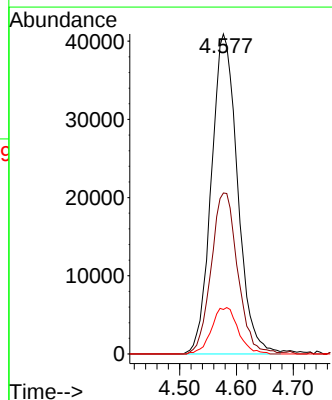
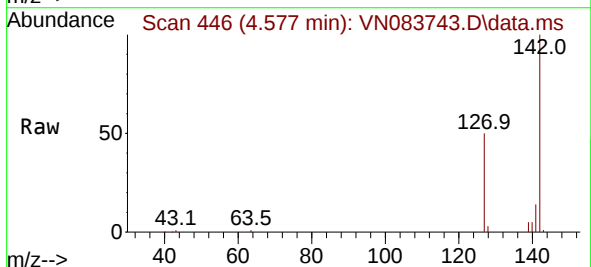
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#10
Methyl Iodide
Concen: 52.103 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

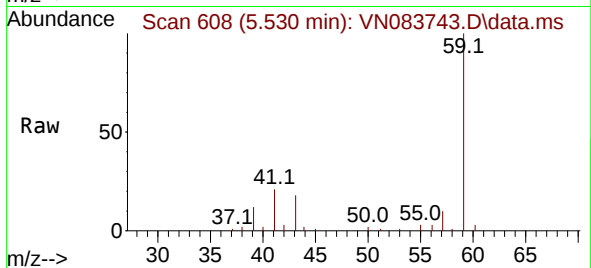
Tgt Ion:142 Resp: 131056
Ion Ratio Lower Upper
142 100
127 50.3 37.5 56.3
141 13.9 11.0 16.4





#11
Tert butyl alcohol
Concen: 251.078 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

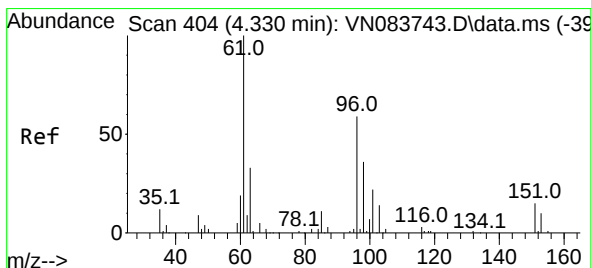
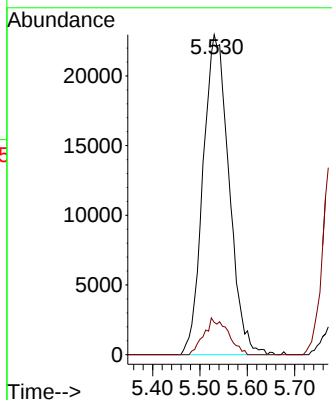
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



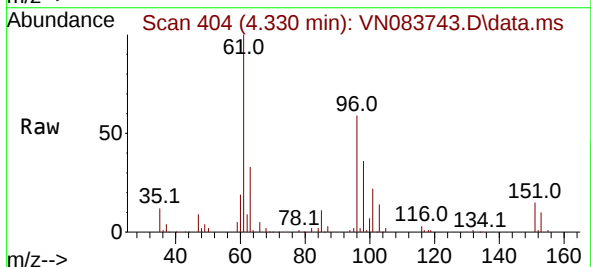
Tgt Ion: 59 Resp: 87540
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

Manual Integrations
APPROVED

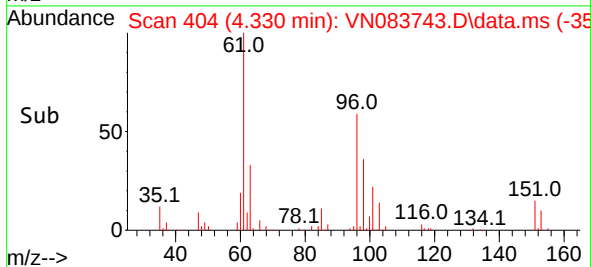
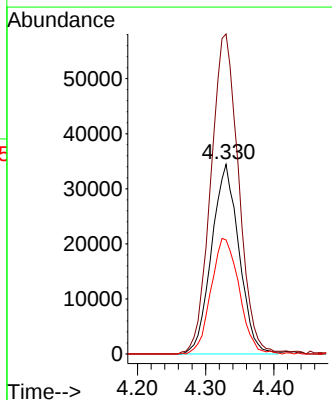
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

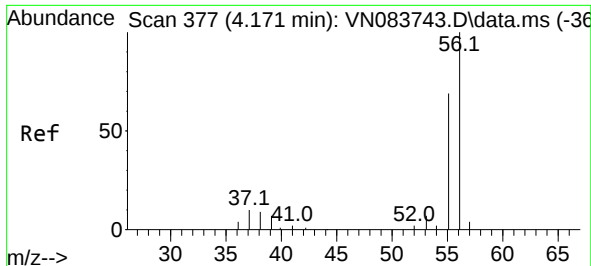


#12
1,1-Dichloroethene
Concen: 51.654 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32



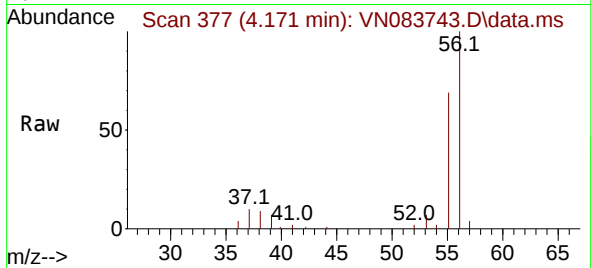
Tgt Ion: 96 Resp: 96478
Ion Ratio Lower Upper
96 100
61 168.8 143.4 215.0
98 60.1 52.7 79.1





#13
Acrolein
Concen: 261.217 ug/l
RT: 4.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

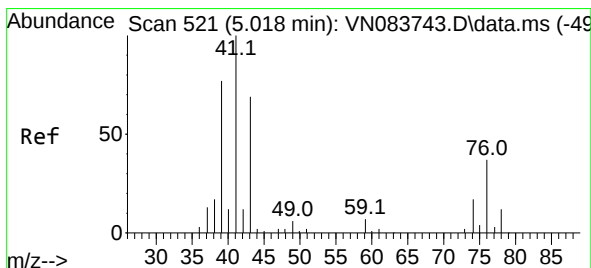
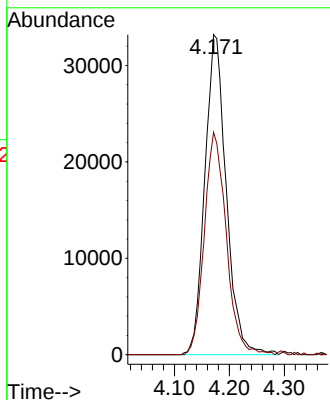
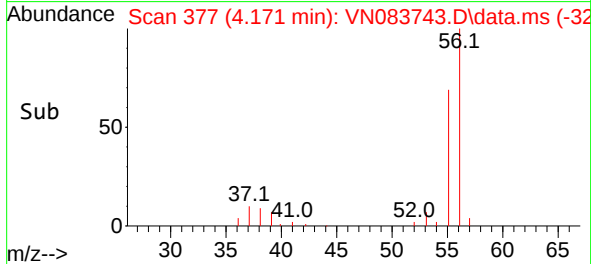
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 8986
Ion Ratio Lower Upper
56 100
55 71.2 58.2 87.2

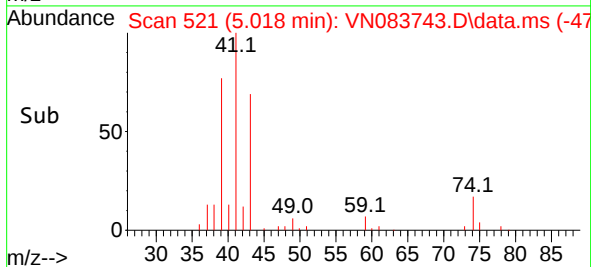
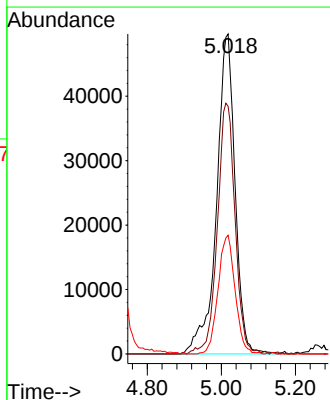
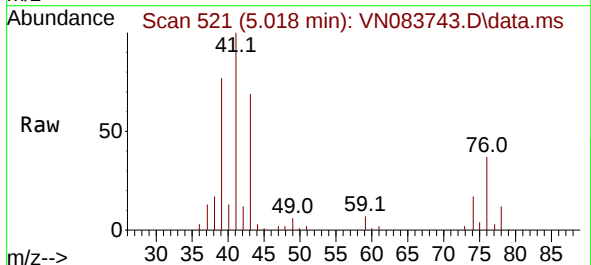
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#14
Allyl chloride
Concen: 51.834 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

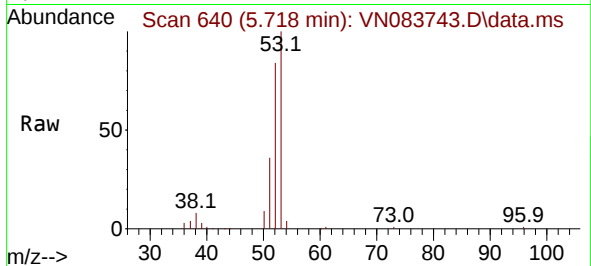
Tgt Ion: 41 Resp: 172508
Ion Ratio Lower Upper
41 100
39 74.7 59.3 88.9
76 34.1 27.7 41.5





#15
Acrylonitrile
Concen: 250.783 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

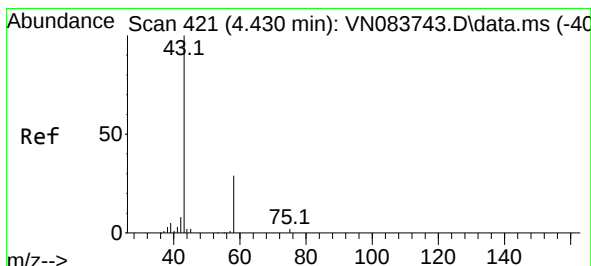
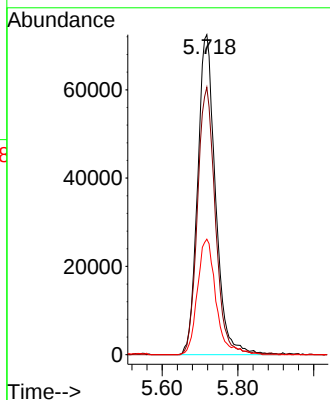
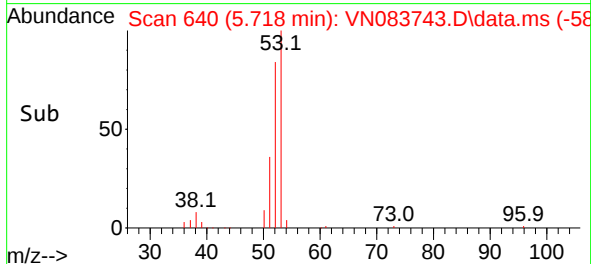
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 23780
Ion Ratio Lower Upper
53 100
52 83.2 66.1 99.1
51 37.8 29.6 44.4

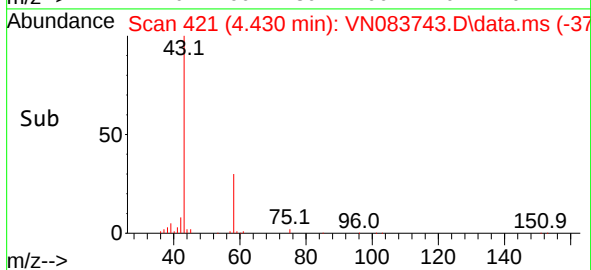
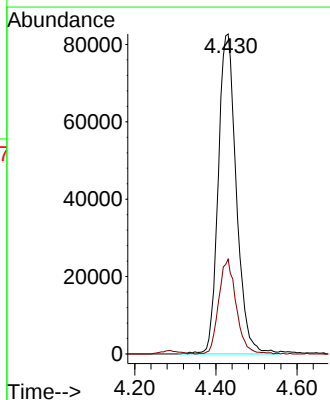
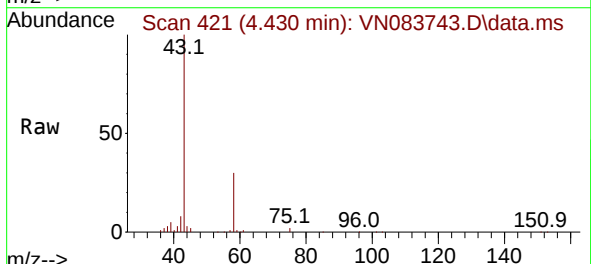
Manual Integrations
APPROVED

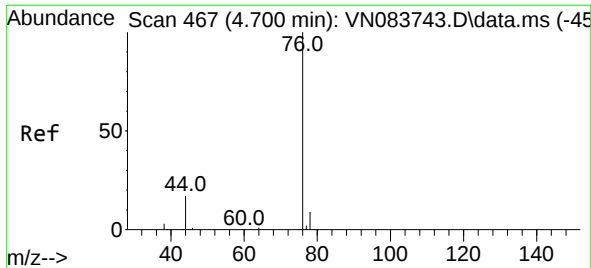
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#16
Acetone
Concen: 245.978 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

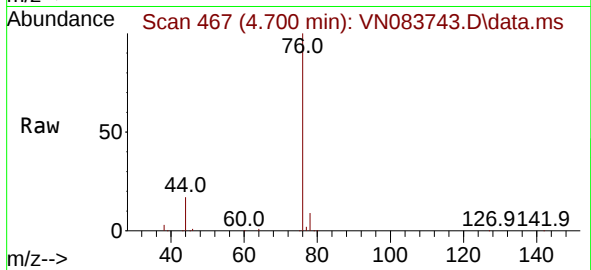
Tgt Ion: 43 Resp: 256758
Ion Ratio Lower Upper
43 100
58 29.4 23.7 35.5





#17
Carbon Disulfide
Concen: 50.571 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

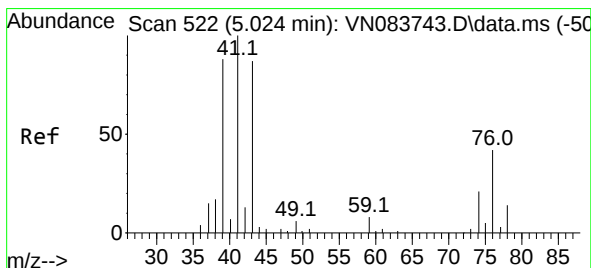
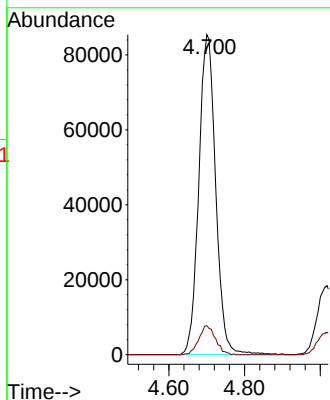
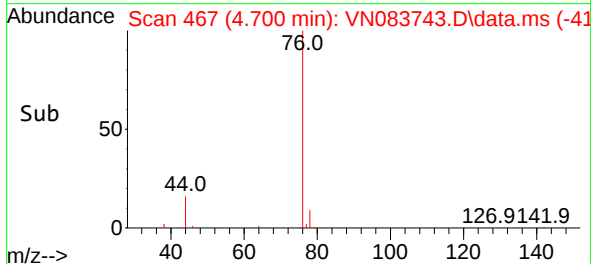
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 26421
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

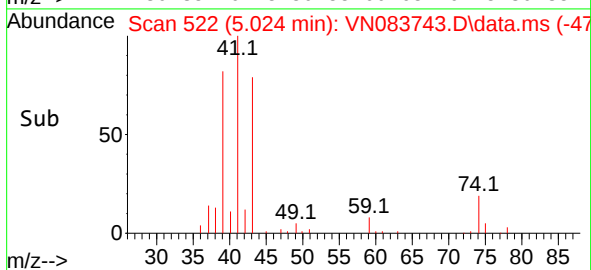
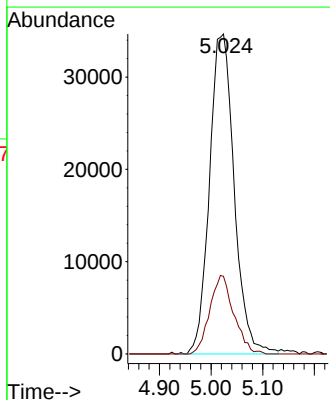
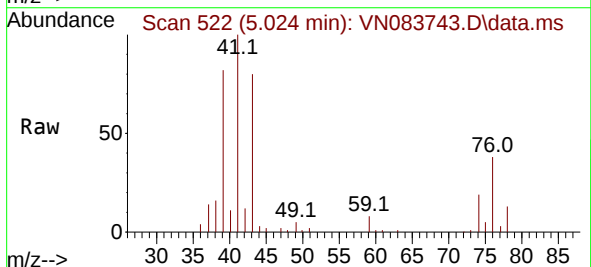
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#18
Methyl Acetate
Concen: 53.068 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 43 Resp: 115167
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.4





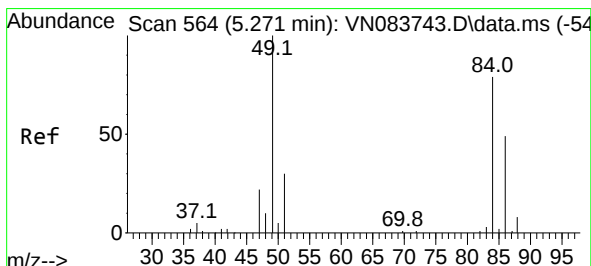
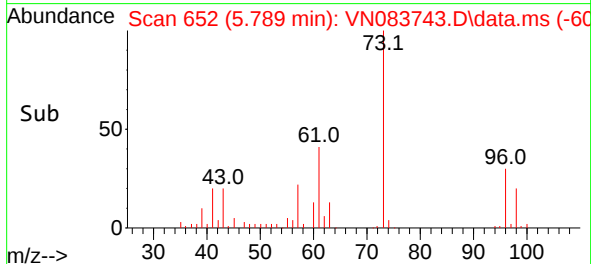
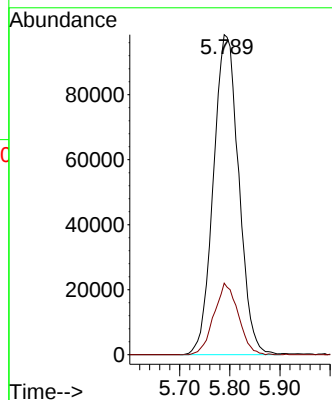
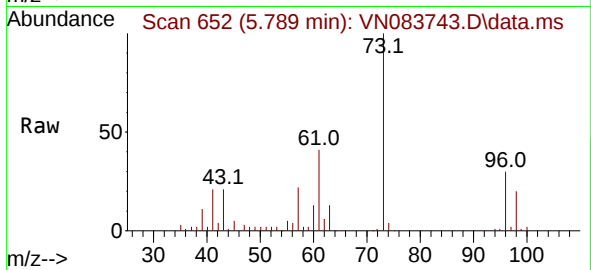
#19
Methyl tert-butyl Ether
Concen: 51.202 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 34606
Ion Ratio Lower Upper
73 100
57 22.4 17.0 25.6

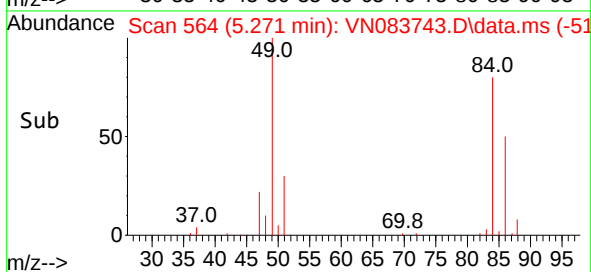
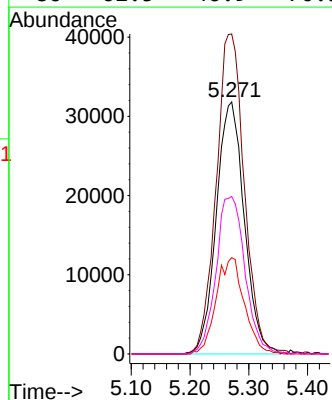
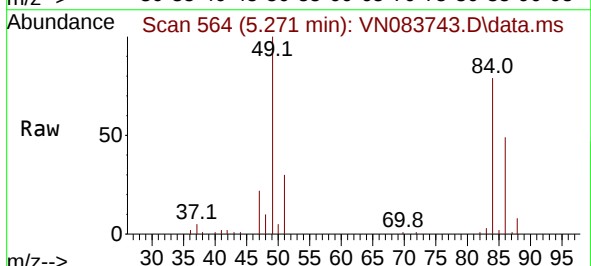
Manual Integrations
APPROVED

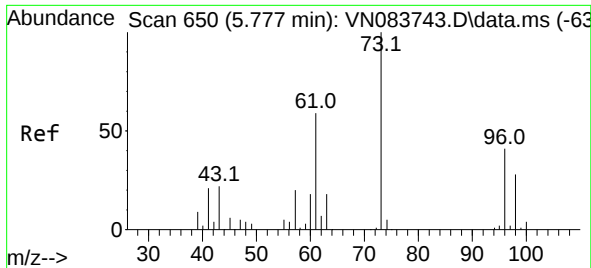
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#20
Methylene Chloride
Concen: 49.214 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

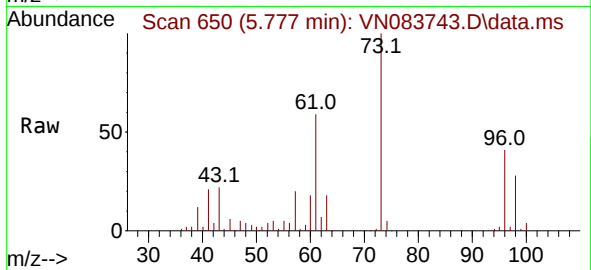
Tgt Ion: 84 Resp: 105124
Ion Ratio Lower Upper
84 100
49 127.0 93.4 140.0
51 38.2 29.2 43.8
86 62.5 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 50.098 ug/l
RT: 5.777 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

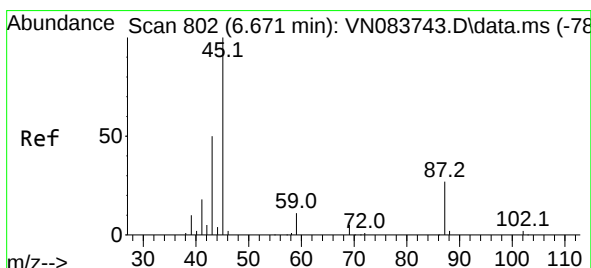
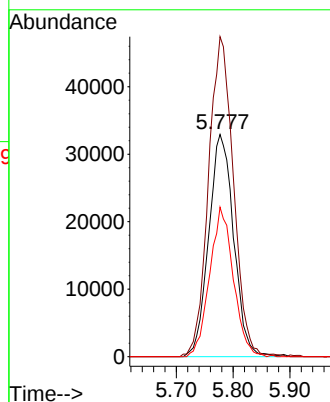
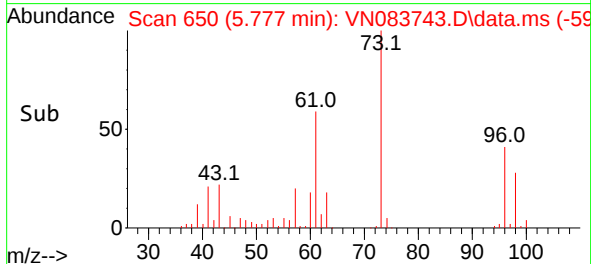
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 10028
Ion Ratio Lower Upper
96 100
61 144.0 106.0 159.0
98 67.2 52.2 78.2

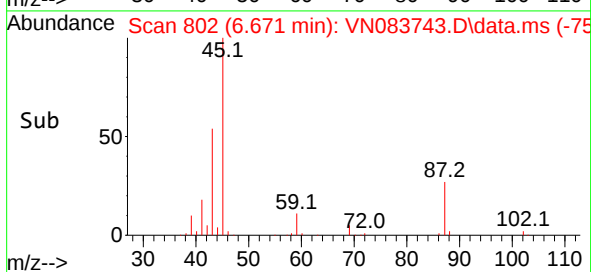
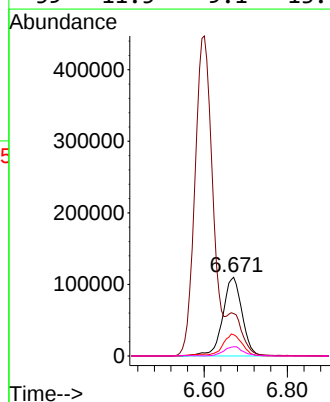
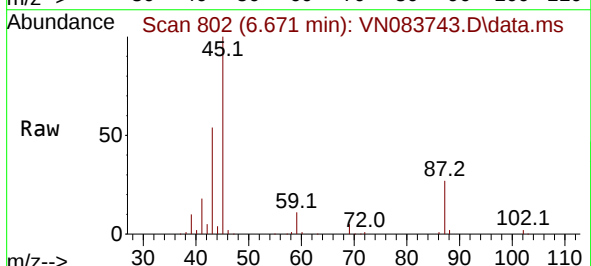
Manual Integrations
APPROVED

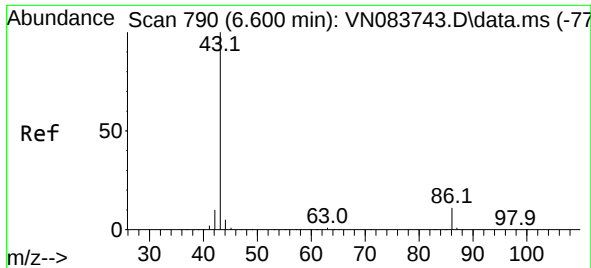
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#22
Diisopropyl ether
Concen: 51.771 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 45 Resp: 354685
Ion Ratio Lower Upper
45 100
43 53.1 43.4 65.0
87 27.0 22.6 33.8
59 11.5 9.1 13.7





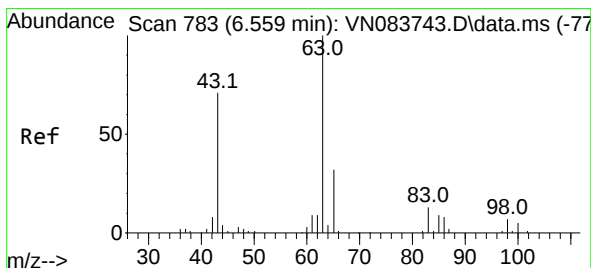
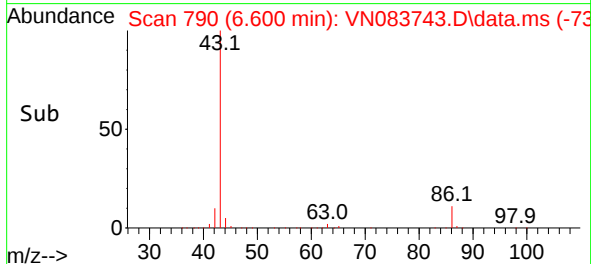
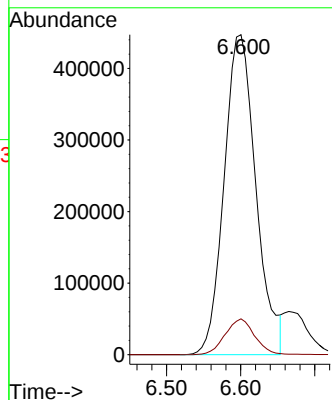
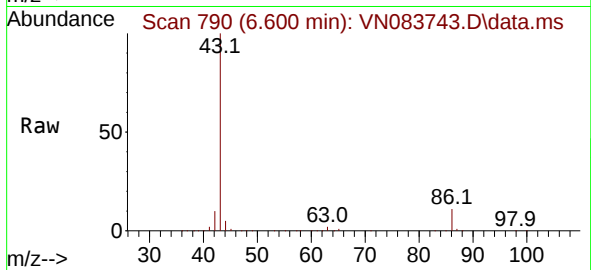
#23
 Vinyl Acetate
 Concen: 266.082 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1334972
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.7 13.1

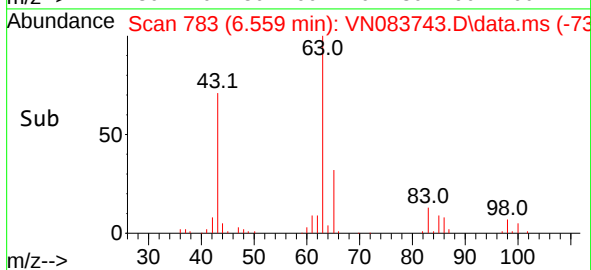
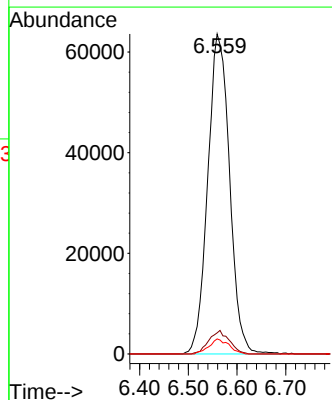
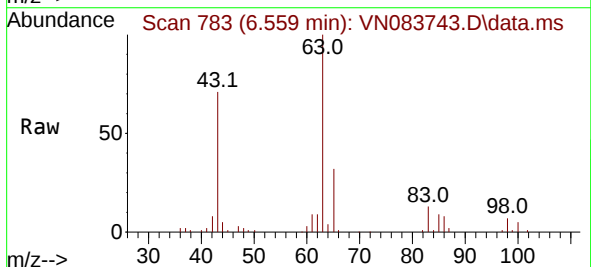
Manual Integrations
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Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#24
 1,1-Dichloroethane
 Concen: 50.099 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

Tgt Ion: 63 Resp: 197743
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.7 2.5 7.5





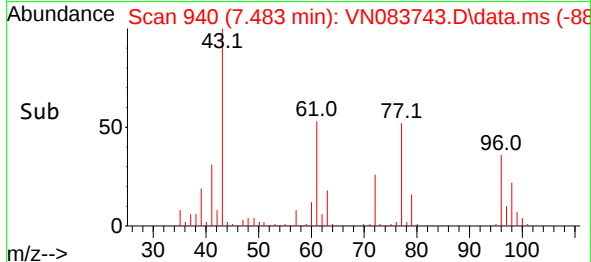
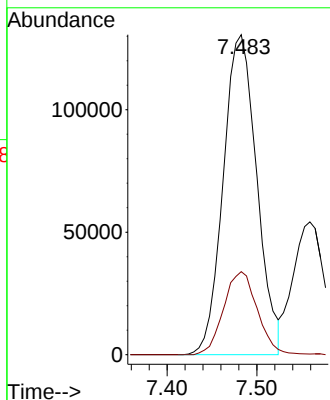
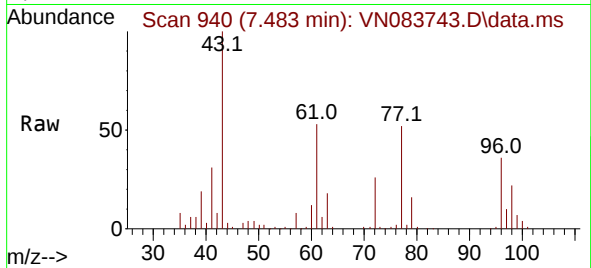
#25
2-Butanone
Concen: 247.428 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 33945
Ion Ratio Lower Upper
43 100
72 25.9 20.8 31.2

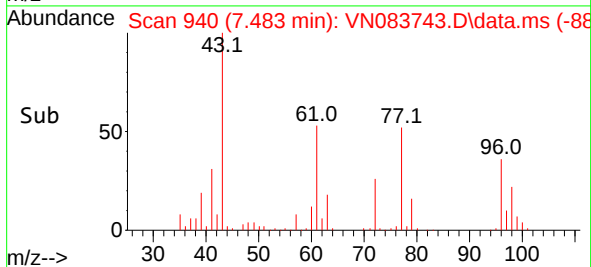
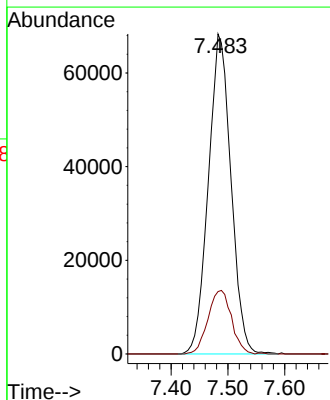
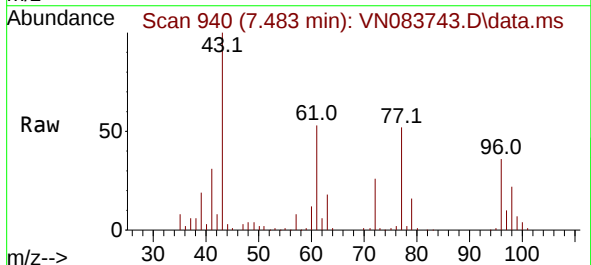
Manual Integrations
APPROVED

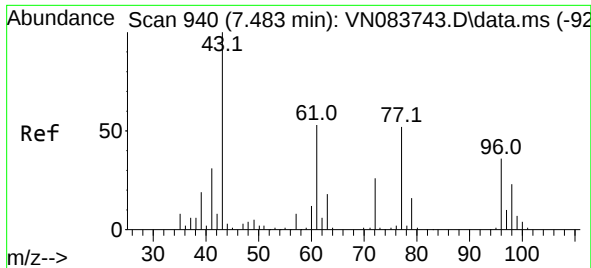
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#26
2,2-Dichloropropane
Concen: 51.949 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

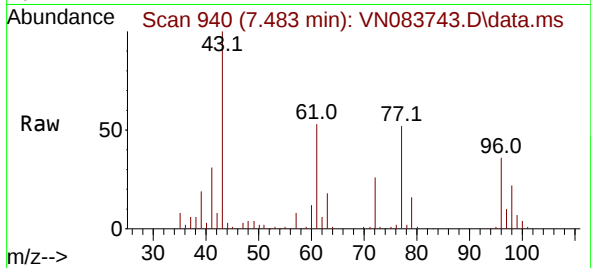
Tgt Ion: 77 Resp: 188830
Ion Ratio Lower Upper
77 100
97 20.6 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 52.085 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

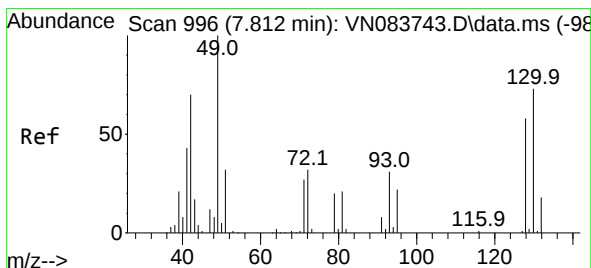
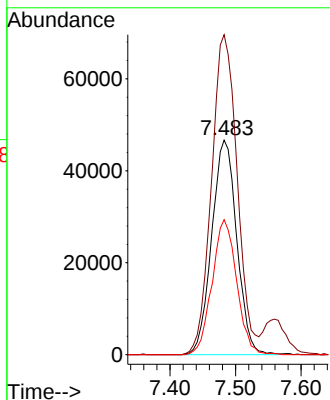
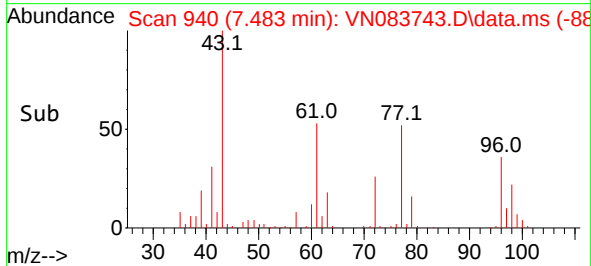
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 123764
 Ion Ratio Lower Upper
 96 100
 61 153.1 0.0 306.2
 98 61.8 0.0 128.6

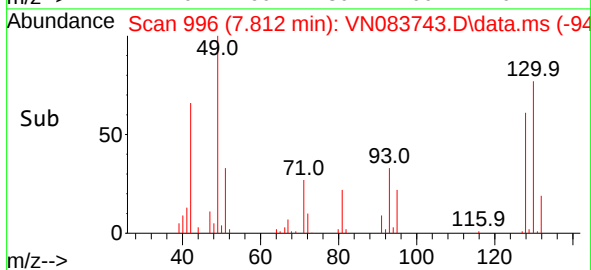
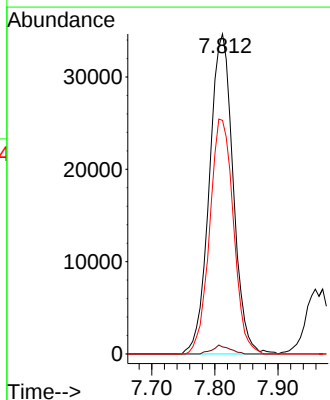
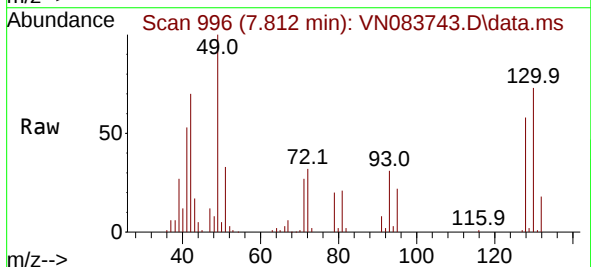
Manual Integrations
 APPROVED

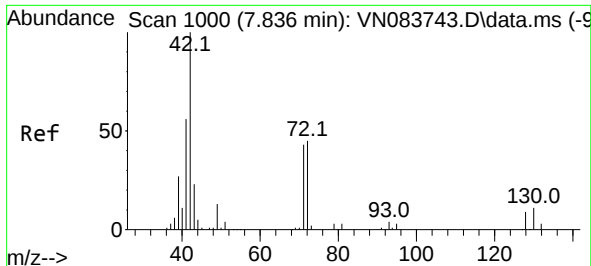
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#28
 Bromochloromethane
 Concen: 54.522 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

Tgt Ion: 49 Resp: 90626
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.4
 130 73.2 60.2 90.2





#29

Tetrahydrofuran

Concen: 257.049 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

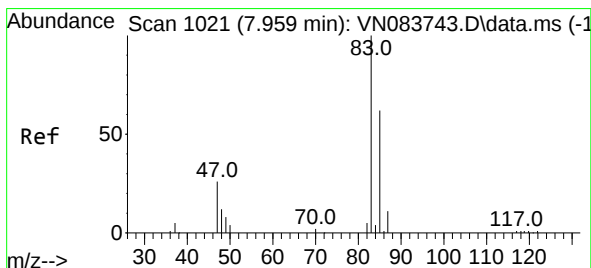
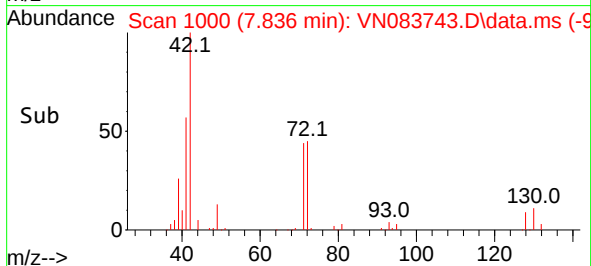
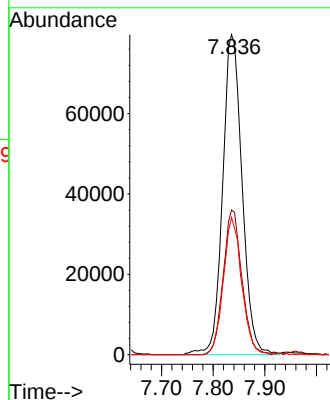
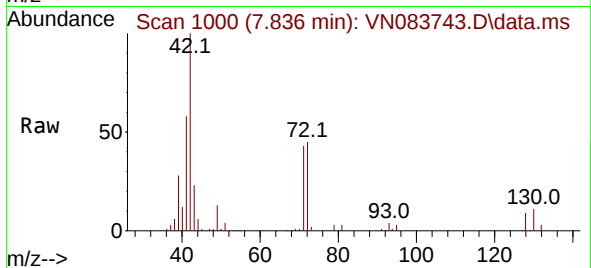
Tgt Ion:	42	Resp:	20852
Ion Ratio	Lower	Upper	
42	100		
72	43.5	35.9	53.9
71	40.5	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#30

Chloroform

Concen: 50.323 ug/l

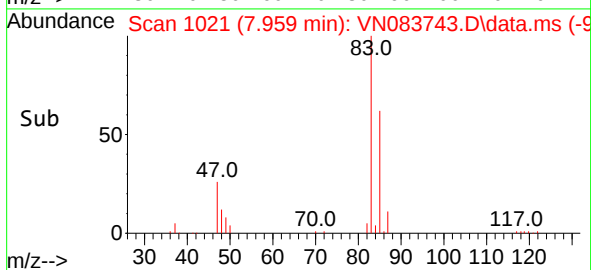
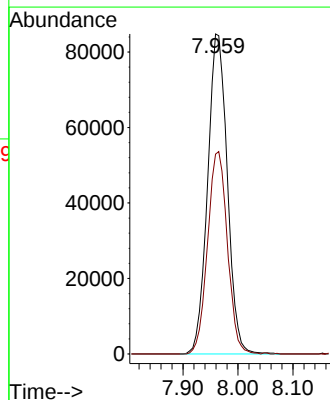
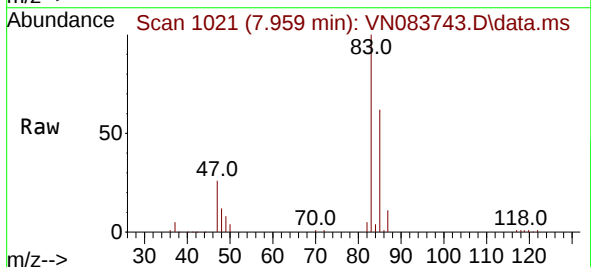
RT: 7.959 min Scan# 1021

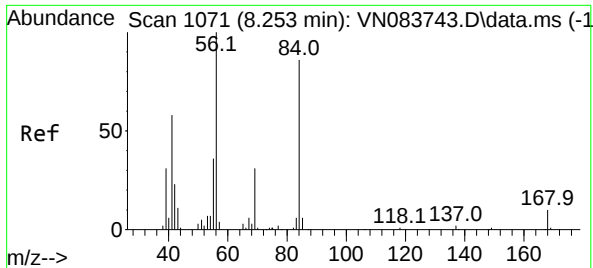
Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

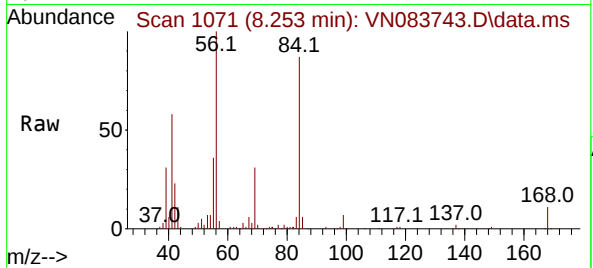
Tgt Ion:	83	Resp:	210873
Ion Ratio	Lower	Upper	
83	100		
85	62.5	52.8	79.2





#31
Cyclohexane
Concen: 46.653 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

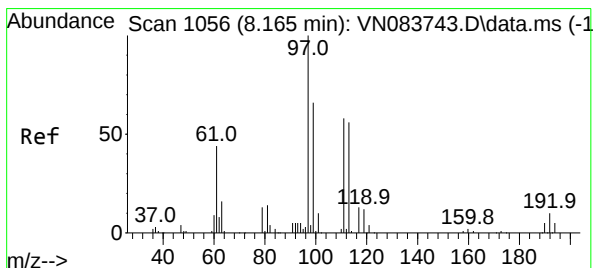
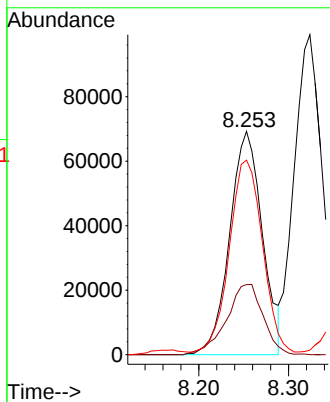
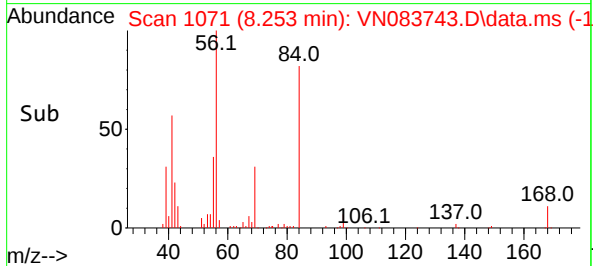
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



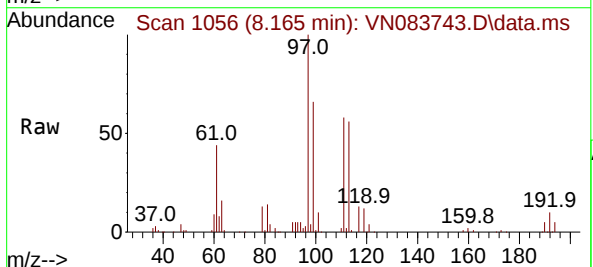
Tgt Ion: 56 Resp: 175569
Ion Ratio Lower Upper
56 100
69 31.4 26.9 40.3
84 85.6 69.2 103.8

Manual Integrations
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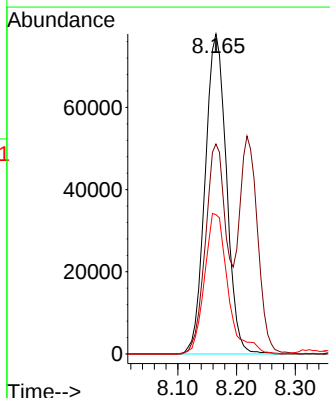
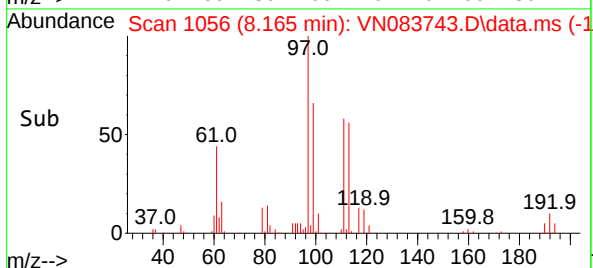
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

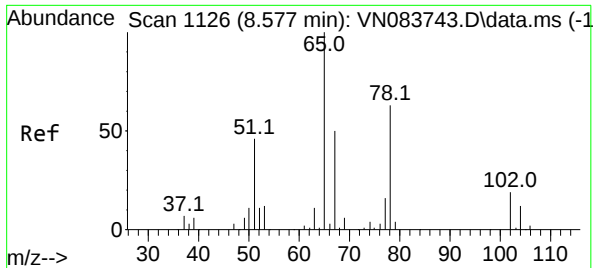


#32
1,1,1-Trichloroethane
Concen: 50.954 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32



Tgt Ion: 97 Resp: 196328
Ion Ratio Lower Upper
97 100
99 65.5 52.3 78.5
61 48.2 38.2 57.2





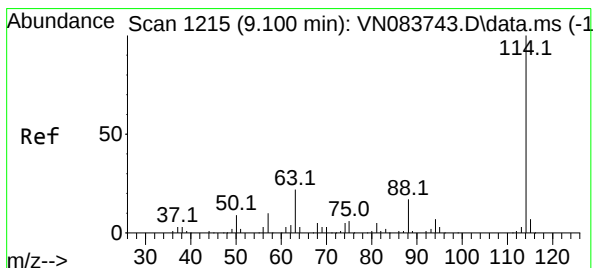
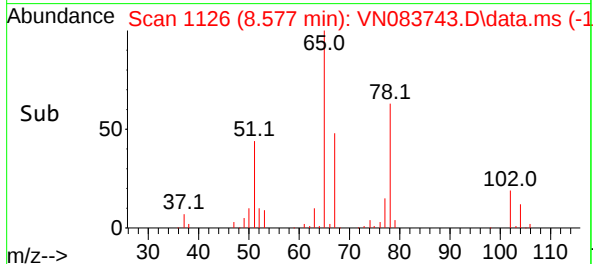
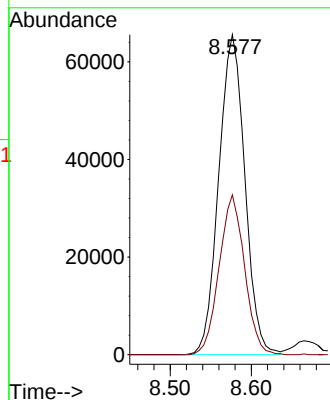
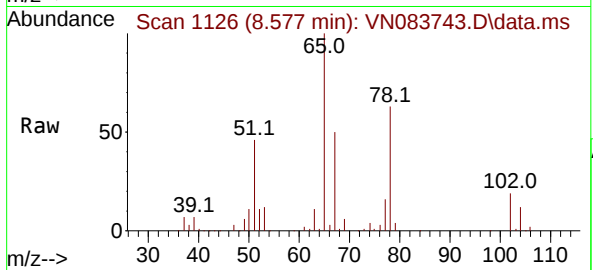
#33
1,2-Dichloroethane-d4
Concen: 56.310 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 146624
Ion Ratio Lower Upper
65 100
67 48.6 0.0 100.8

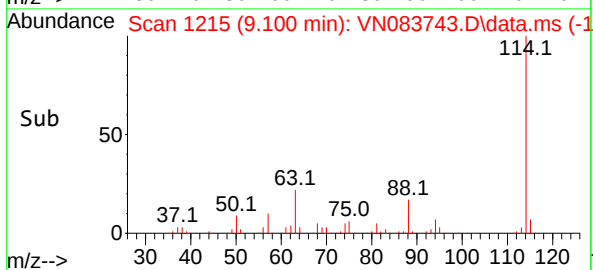
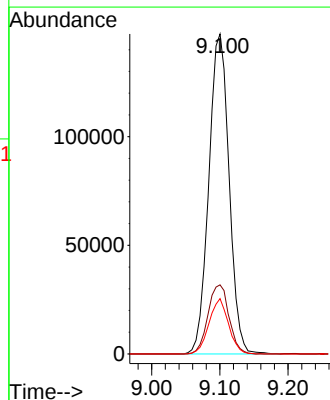
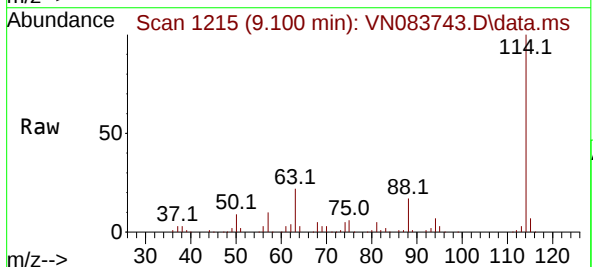
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

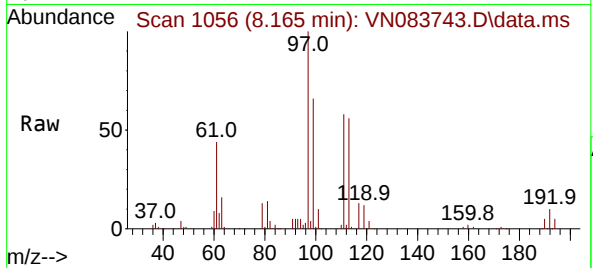
Tgt Ion:114 Resp: 304866
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.4
88 17.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.049 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

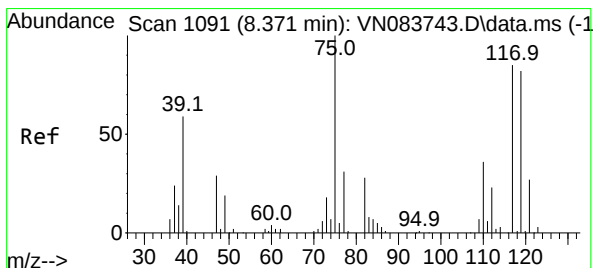
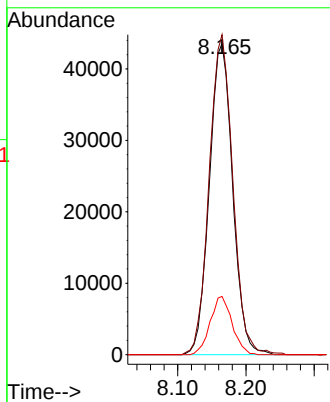
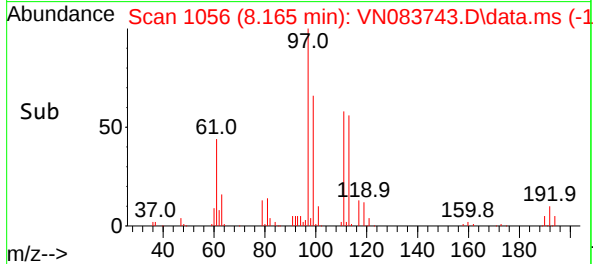
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



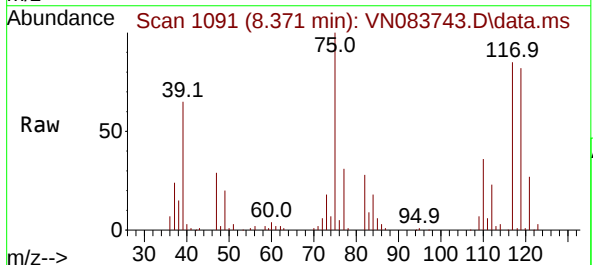
Tgt Ion:113 Resp: 103530
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 17.6 14.3 21.5

Manual Integrations
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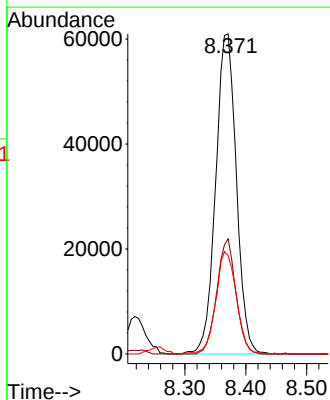
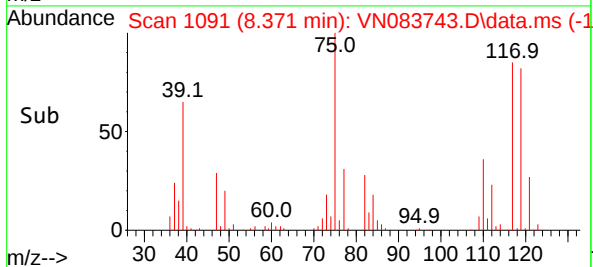
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

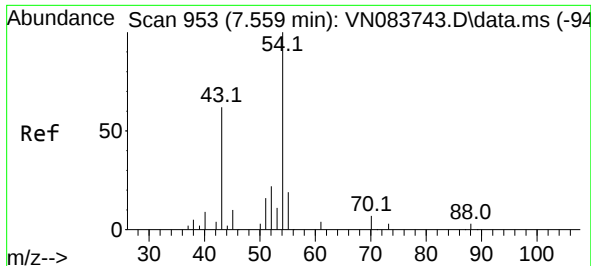


#36
1,1-Dichloropropene
Concen: 48.996 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32



Tgt Ion: 75 Resp: 143931
Ion Ratio Lower Upper
75 100
110 33.2 16.7 50.1
77 31.6 25.2 37.8





#37

Ethyl Acetate

Concen: 52.402 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 139729

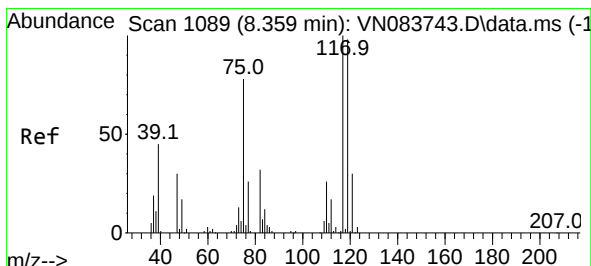
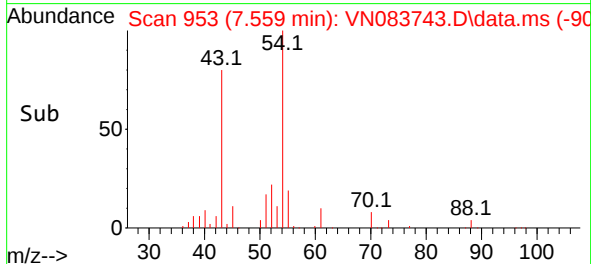
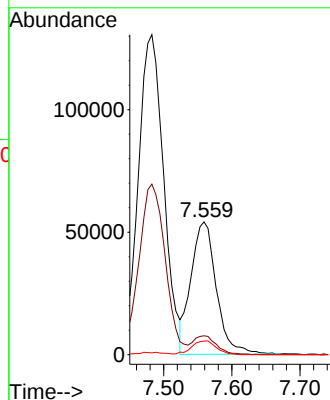
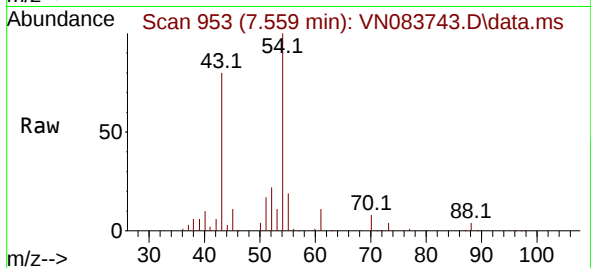
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.1	16.7
70	10.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#38

Carbon Tetrachloride

Concen: 51.362 ug/l

RT: 8.359 min Scan# 1089

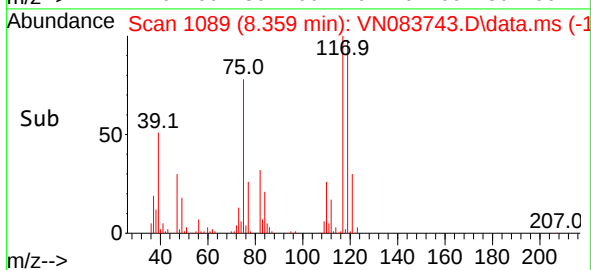
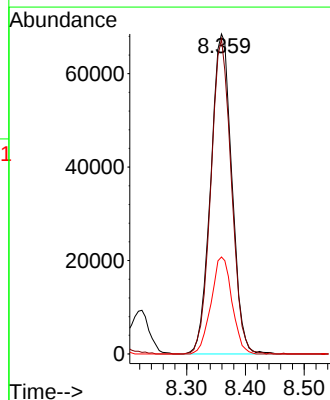
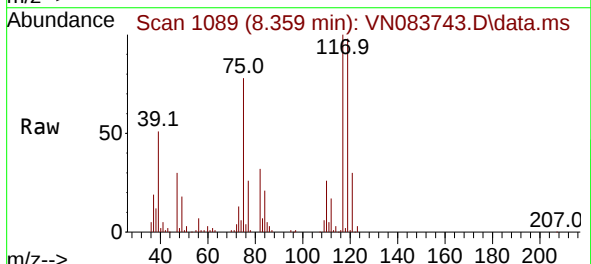
Delta R.T. 0.000 min

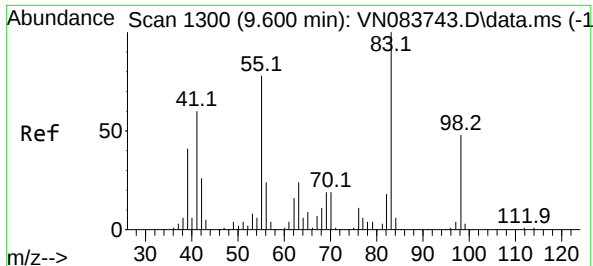
Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Tgt Ion:117 Resp: 171174

Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.1	114.1
121	30.3	24.1	36.1





#39

Methylcyclohexane

Concen: 52.200 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 174544

Ion Ratio Lower Upper

83 100

55 78.0 62.2 93.4

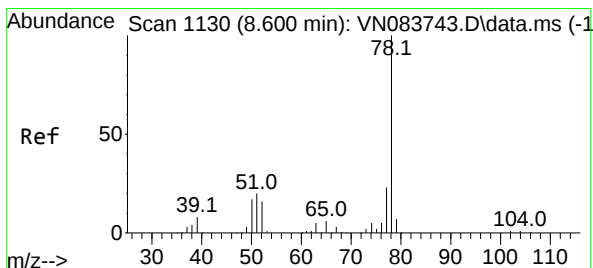
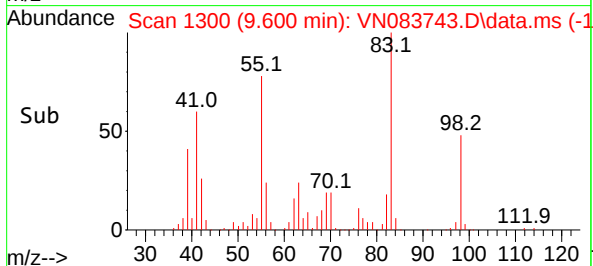
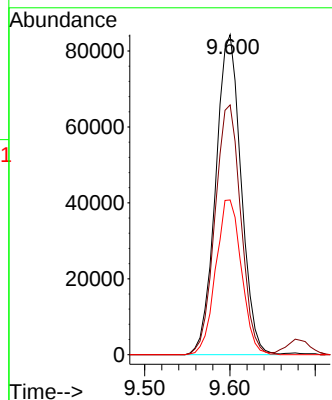
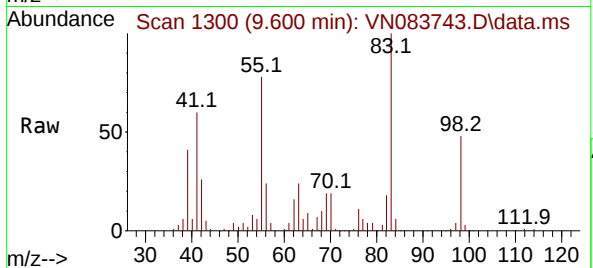
98 48.4 37.6 56.4

Manual Integrations

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Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#40

Benzene

Concen: 49.691 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083743.D

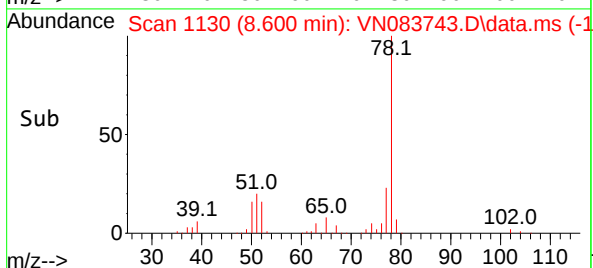
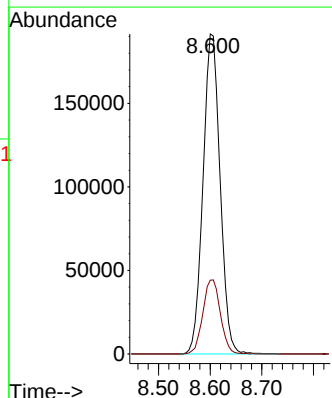
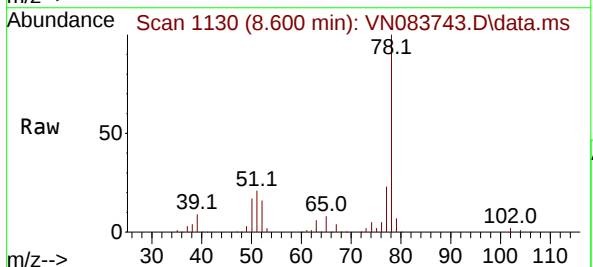
Acq: 10 Sep 2024 09:32

Tgt Ion: 78 Resp: 439364

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6





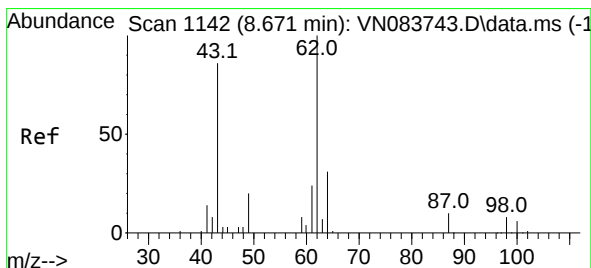
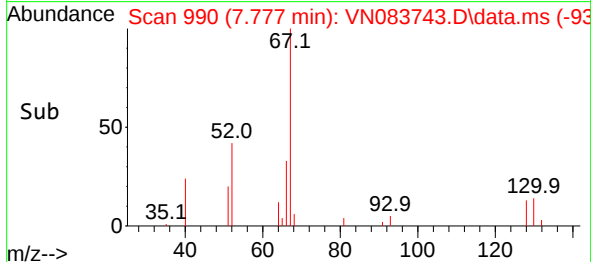
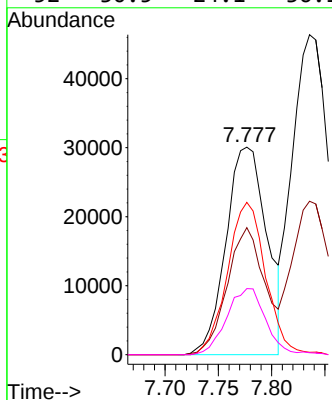
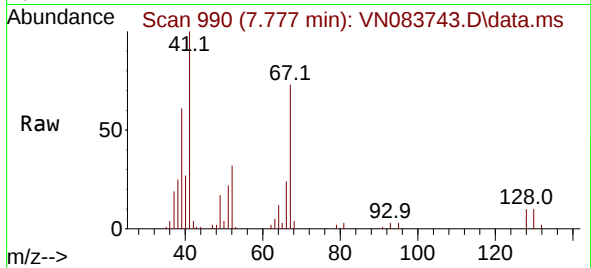
#41
Methacrylonitrile
Concen: 51.026 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 41	Resp: 8047
Ion Ratio	Lower Upper
41	100
39	56.6 45.4 68.2
67	68.5 55.9 83.9
52	30.5 24.1 36.1

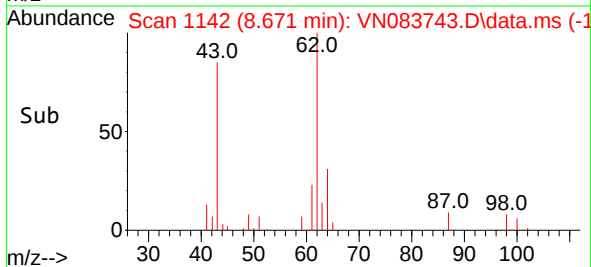
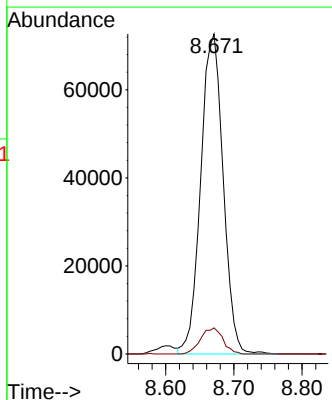
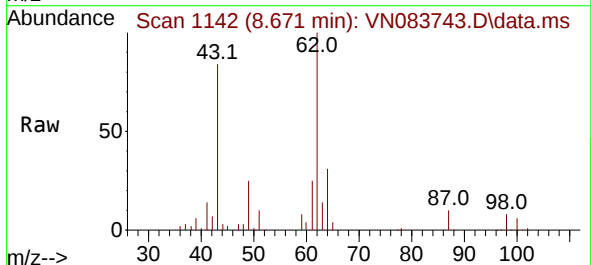
Manual Integrations
APPROVED

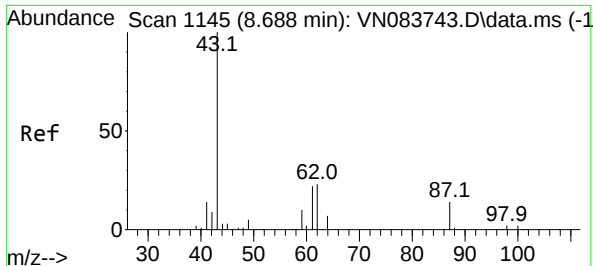
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#42
1,2-Dichloroethane
Concen: 50.370 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 62	Resp: 166416
Ion Ratio	Lower Upper
62	100
98	8.1 0.0 16.6





#43

Isopropyl Acetate

Concen: 50.218 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 24265

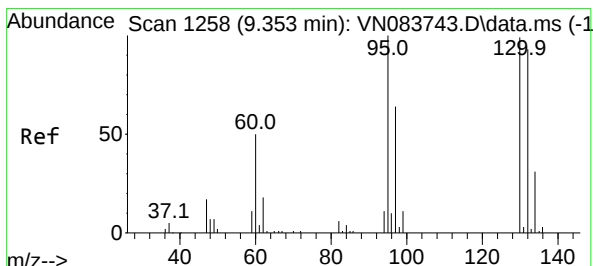
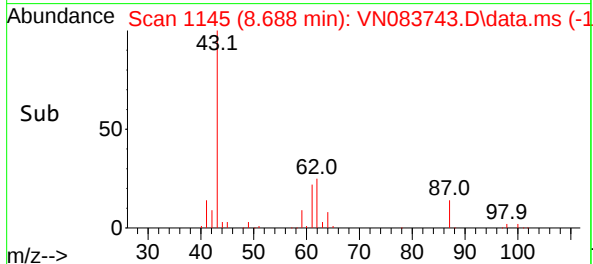
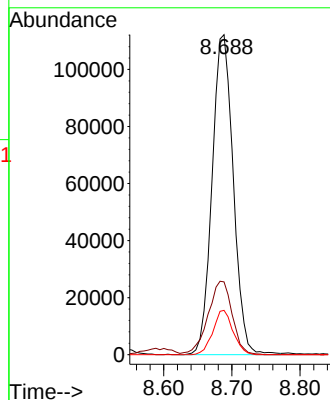
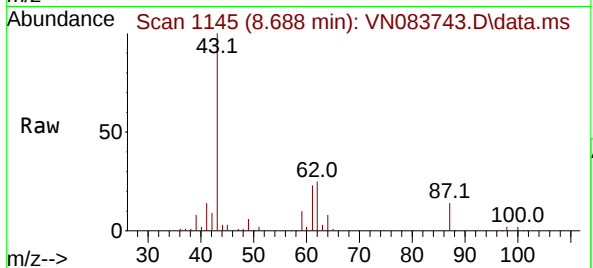
Ion	Ratio	Lower	Upper
43	100		
61	26.2	19.4	29.0
87	13.2	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#44

Trichloroethene

Concen: 50.604 ug/l

RT: 9.353 min Scan# 1258

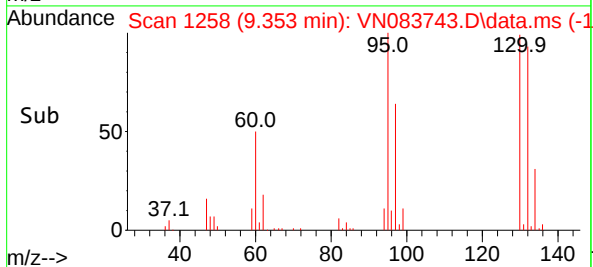
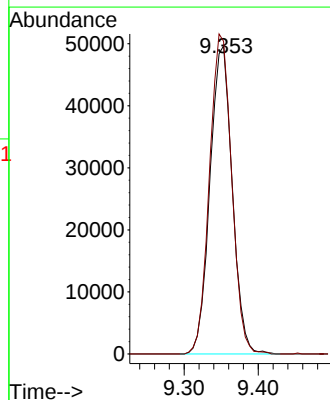
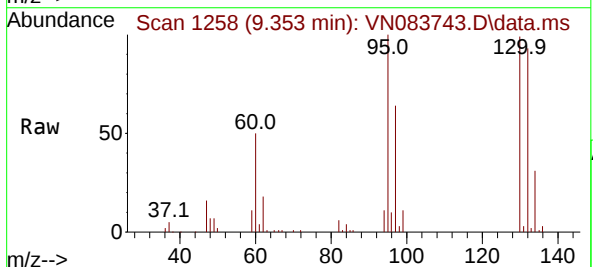
Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Tgt Ion:130 Resp: 103614

Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	200.4





#45

1,2-Dichloropropane

Concen: 49.798 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 106419

Ion Ratio Lower Upper

63 100

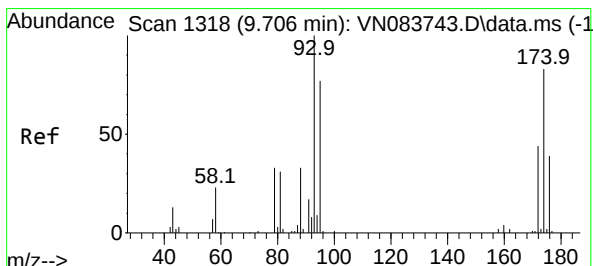
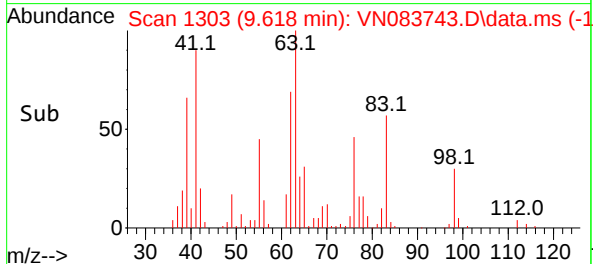
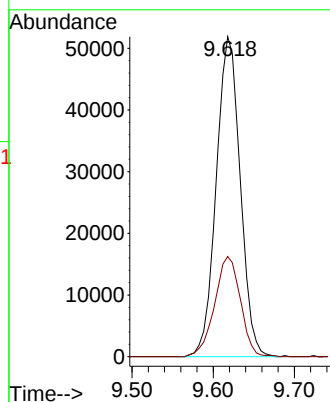
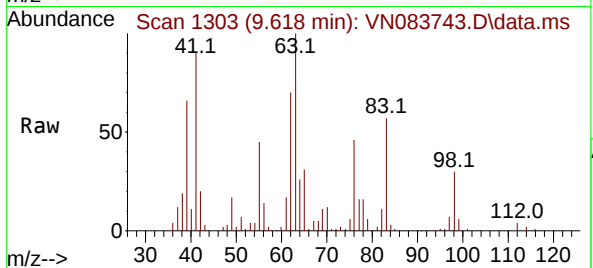
65 31.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#46

Dibromomethane

Concen: 51.768 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

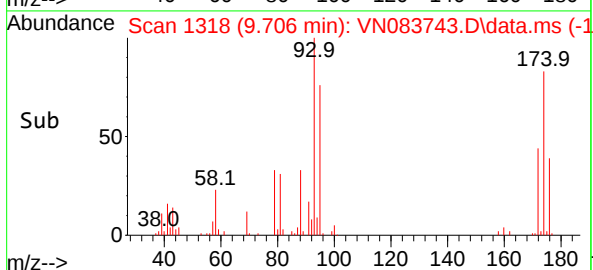
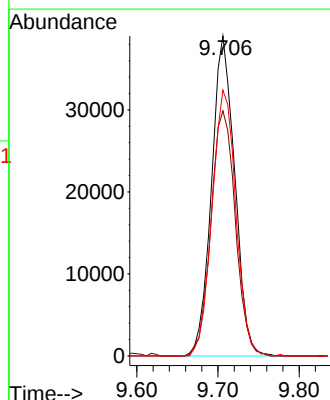
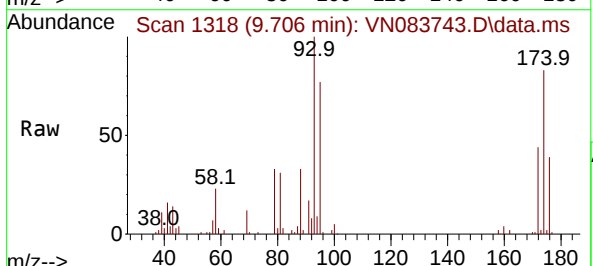
Tgt Ion: 93 Resp: 77488

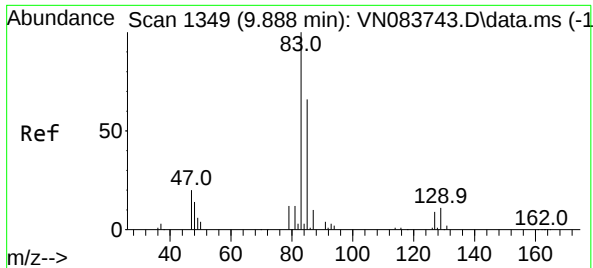
Ion Ratio Lower Upper

93 100

95 80.6 65.3 97.9

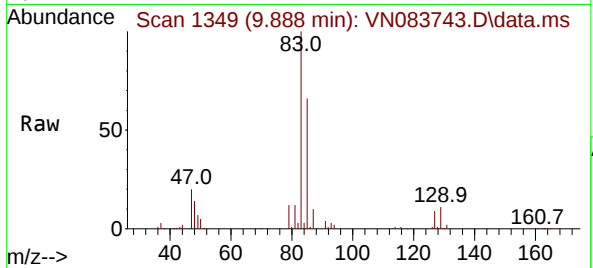
174 85.3 71.0 106.4





#47
Bromodichloromethane
Concen: 51.674 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

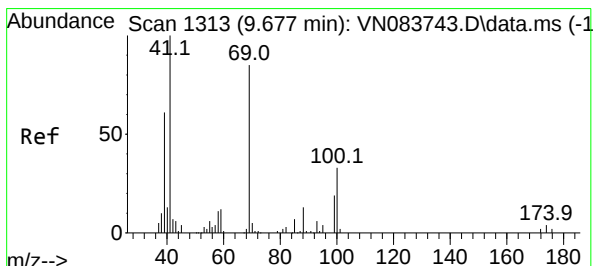
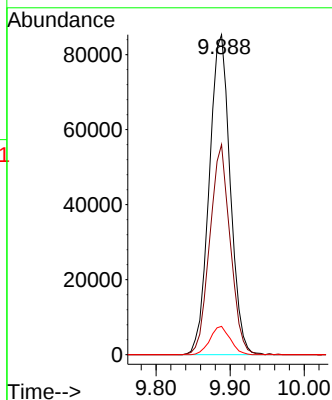
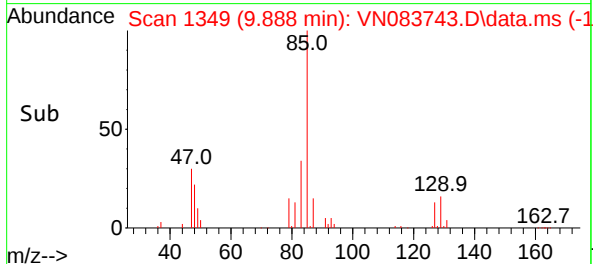
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 167390
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.8
127 8.9 6.6 9.8

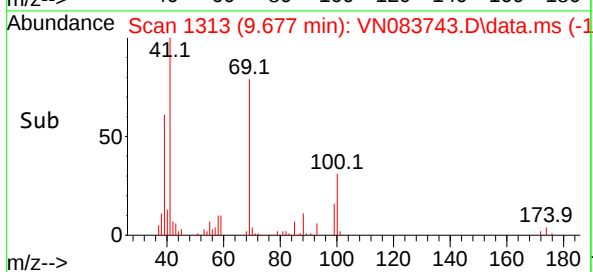
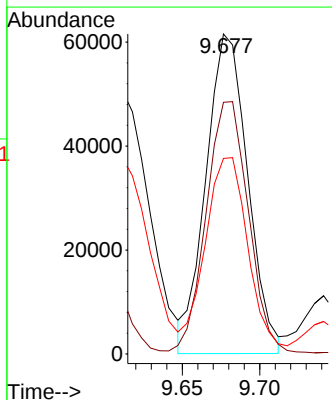
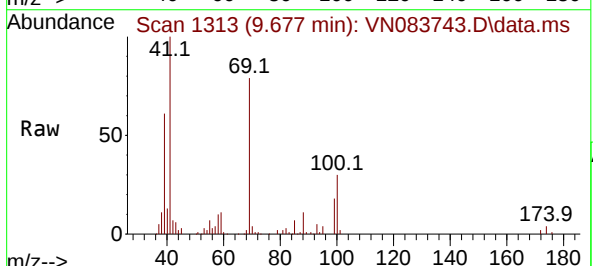
Manual Integrations
APPROVED

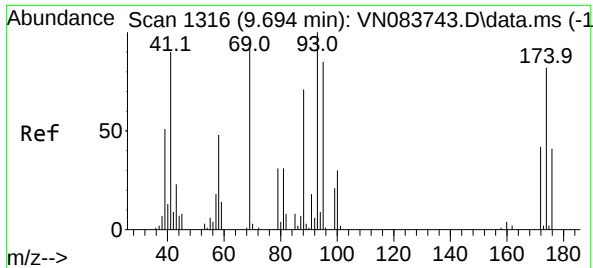
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#48
Methyl methacrylate
Concen: 50.305 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 41 Resp: 115324
Ion Ratio Lower Upper
41 100
69 80.6 64.3 96.5
39 63.7 48.9 73.3





#49

1,4-Dioxane

Concen: 971.017 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

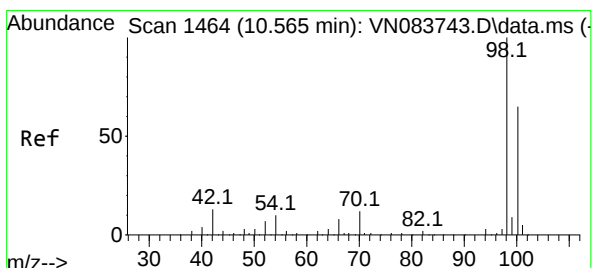
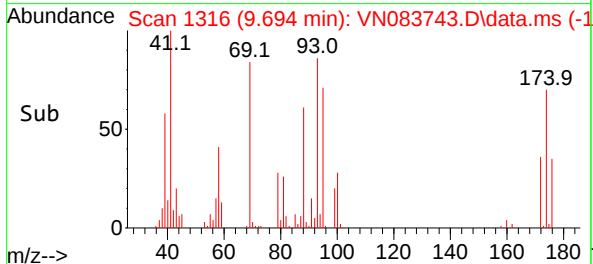
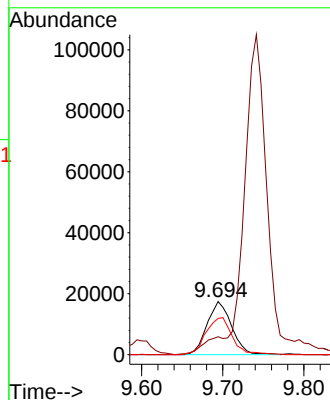
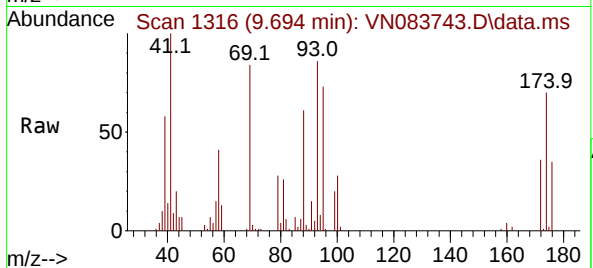
Tgt Ion: 88 Resp: 36620
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 74.9 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#50

Toluene-d8

Concen: 57.446 ug/l

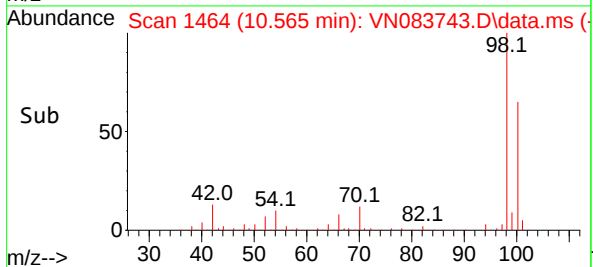
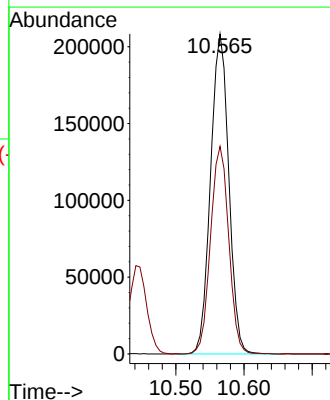
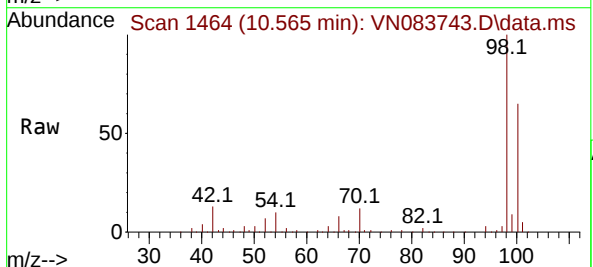
RT: 10.565 min Scan# 1464

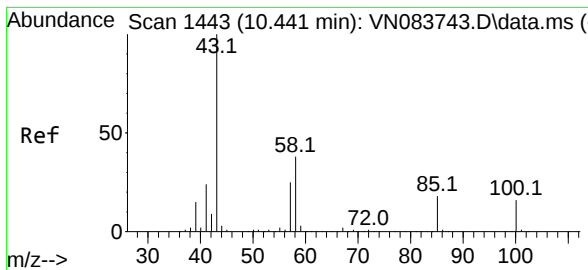
Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

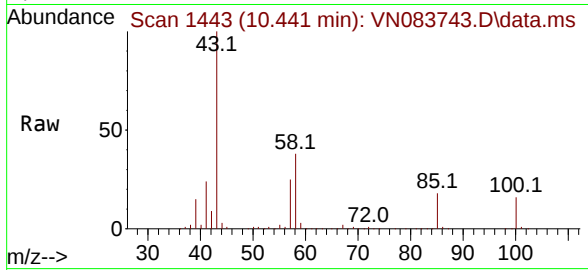
Tgt Ion: 98 Resp: 387600
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 256.804 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

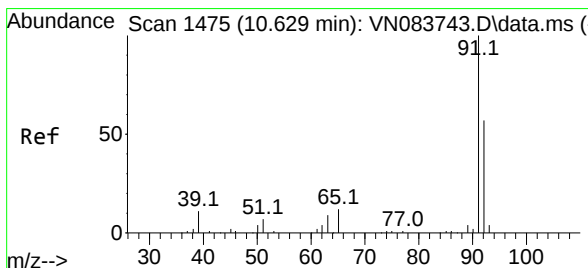
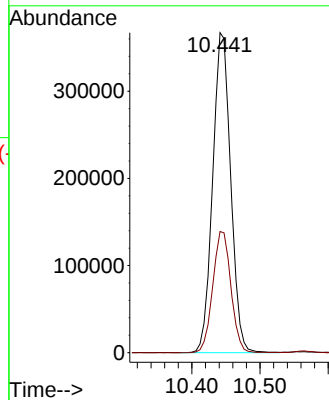
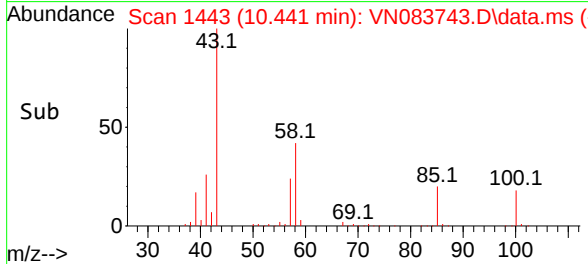
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 675474
Ion Ratio Lower Upper
43 100
58 38.2 31.6 47.4

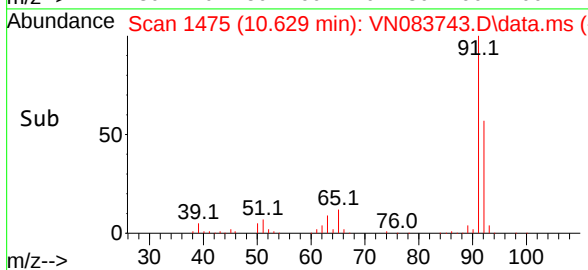
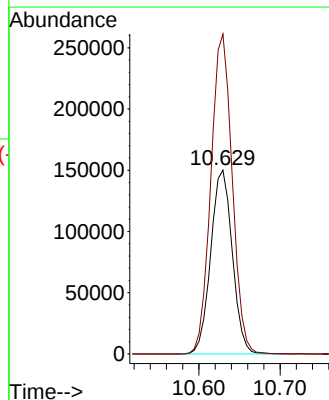
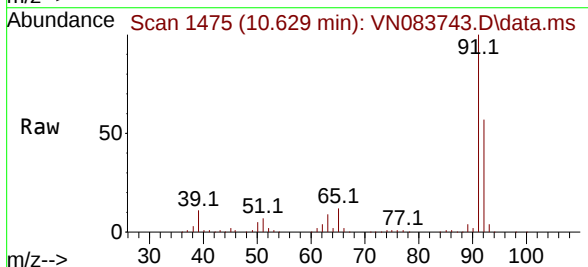
Manual Integrations
APPROVED

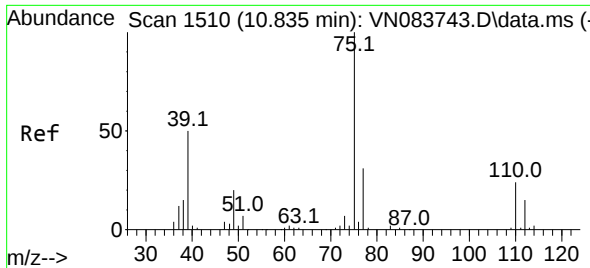
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#52
Toluene
Concen: 51.189 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

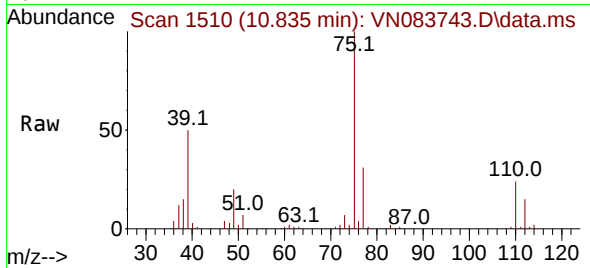
Tgt Ion: 92 Resp: 276845
Ion Ratio Lower Upper
92 100
91 172.3 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 51.855 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

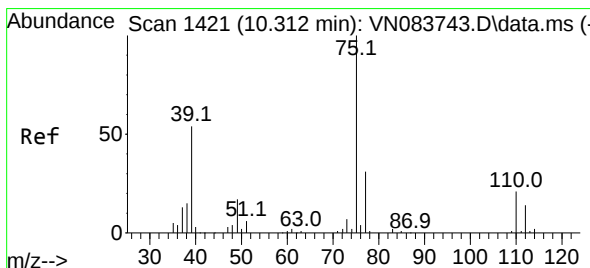
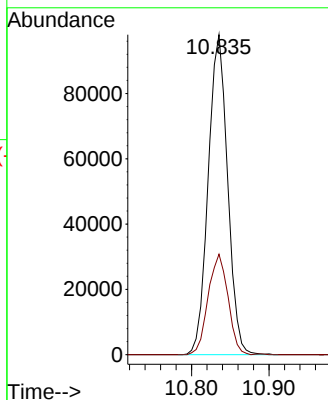
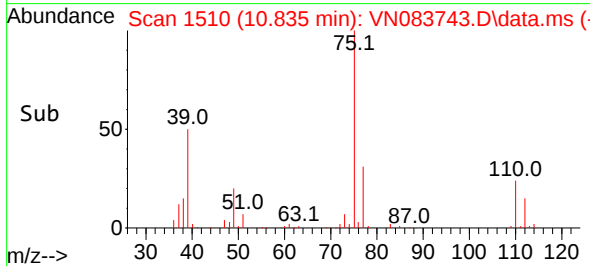
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



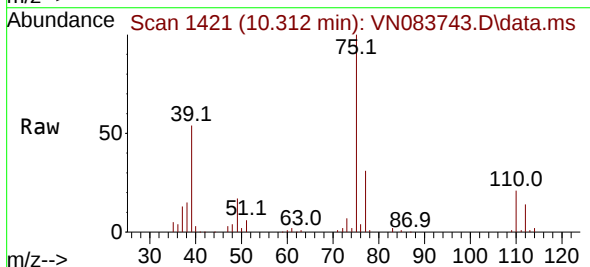
Tgt Ion: 75 Resp: 17027
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.6

Manual Integrations
APPROVED

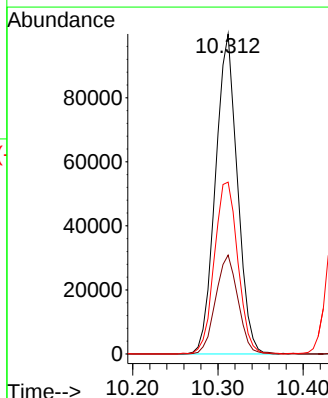
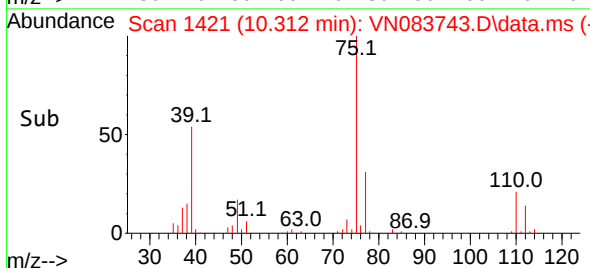
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

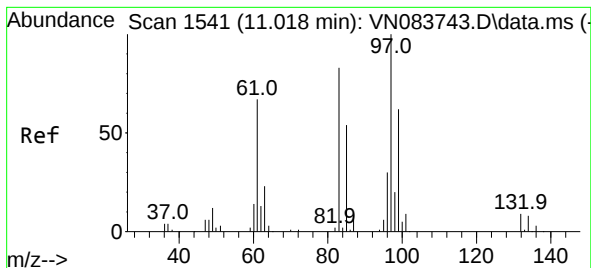


#54
cis-1,3-Dichloropropene
Concen: 51.823 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32



Tgt Ion: 75 Resp: 178747
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6
39 53.7 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 49.547 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083743.D

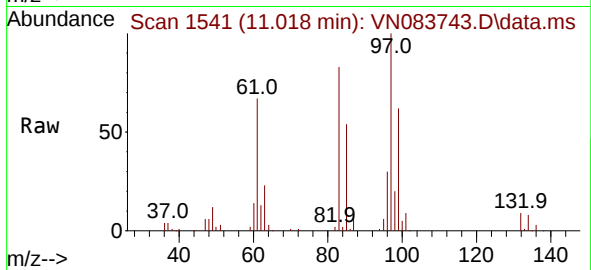
Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050



Tgt Ion: 97 Resp: 100040

Ion Ratio Lower Upper

97 100

83 82.8 67.5 101.3

85 53.5 44.2 66.2

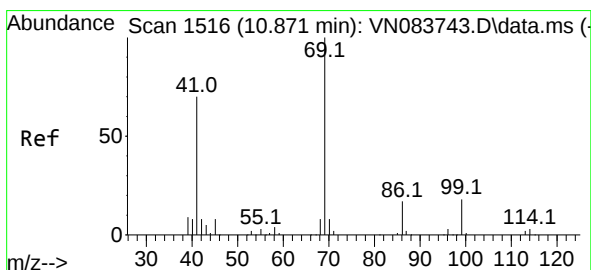
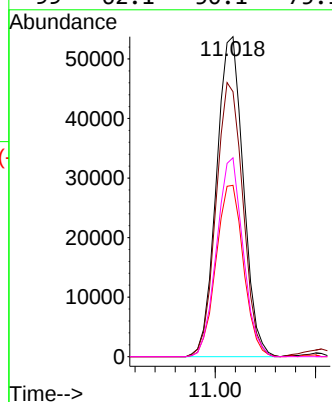
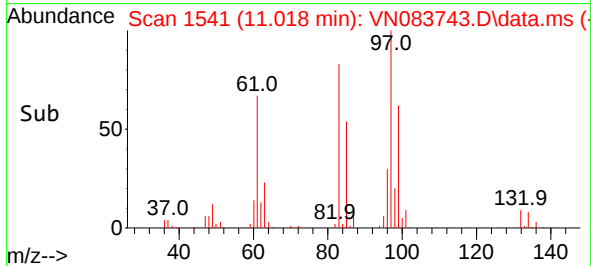
99 62.1 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#56

Ethyl methacrylate

Concen: 54.624 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

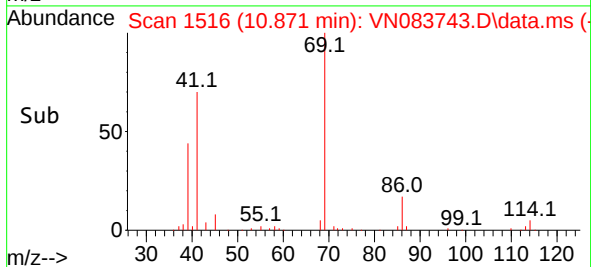
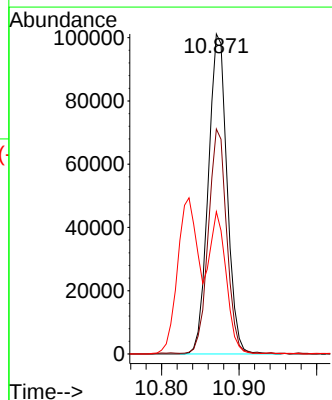
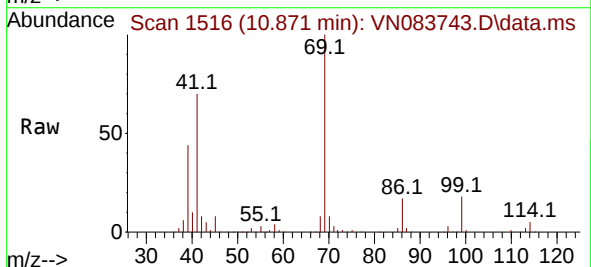
Tgt Ion: 69 Resp: 169686

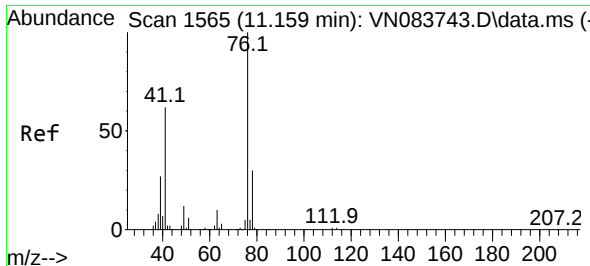
Ion Ratio Lower Upper

69 100

41 68.2 53.9 80.9

39 40.8 32.6 48.8





#57

1,3-Dichloropropane

Concen: 50.562 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 175459

Ion Ratio Lower Upper

76 100

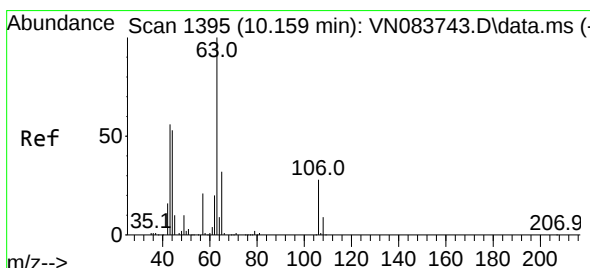
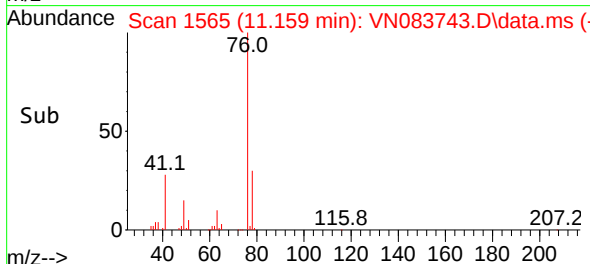
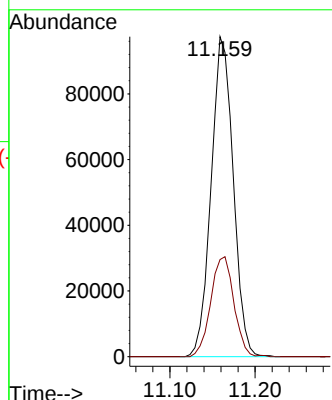
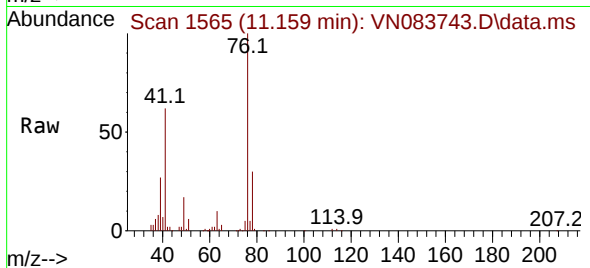
78 32.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#58

2-Chloroethyl Vinyl ether

Concen: 235.930 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083743.D

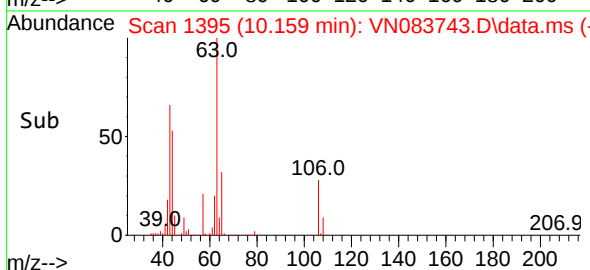
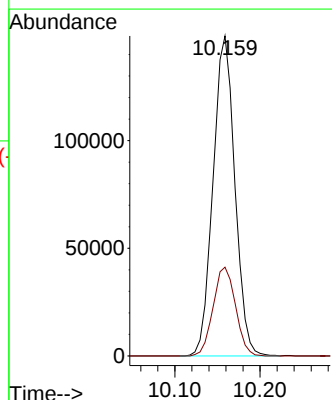
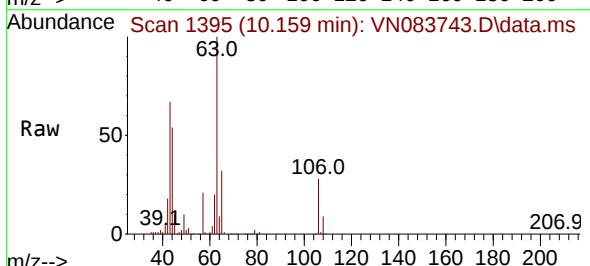
Acq: 10 Sep 2024 09:32

Tgt Ion: 63 Resp: 264081

Ion Ratio Lower Upper

63 100

106 28.5 23.3 34.9





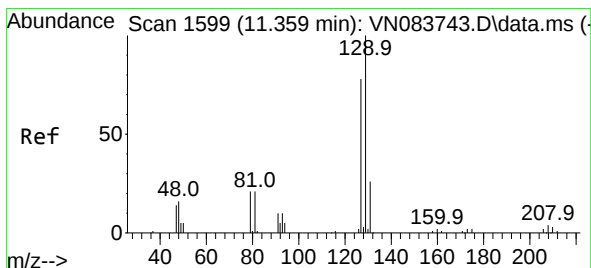
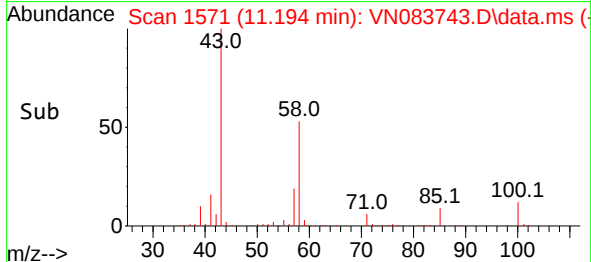
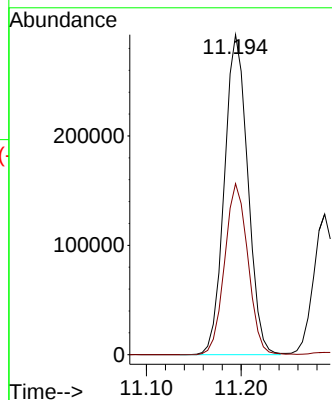
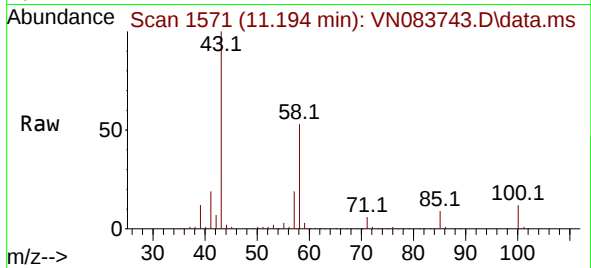
#59
2-Hexanone
Concen: 257.751 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 50150
Ion Ratio Lower Upper
43 100
58 53.2 27.2 81.5

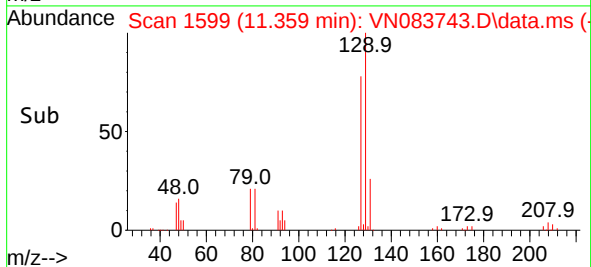
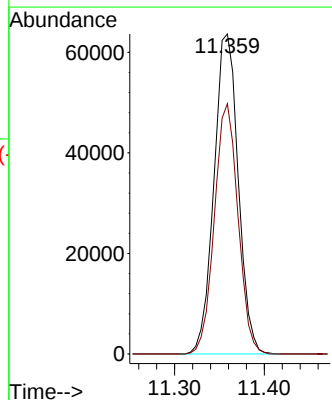
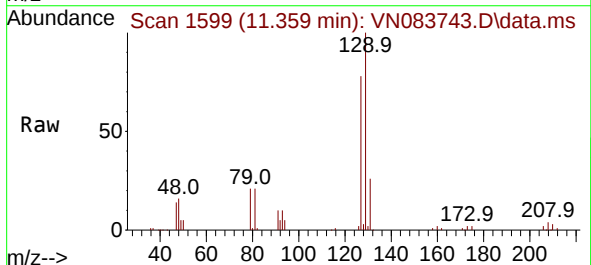
Manual Integrations
APPROVED

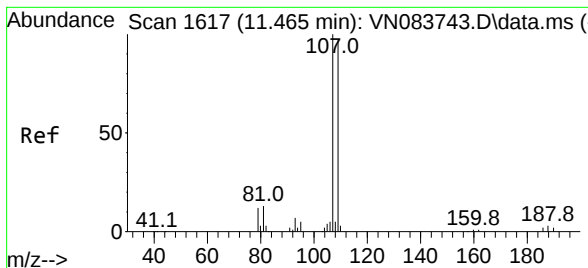
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#60
Dibromochloromethane
Concen: 52.899 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion:129 Resp: 119533
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#





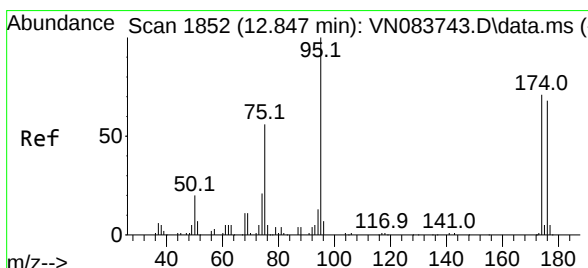
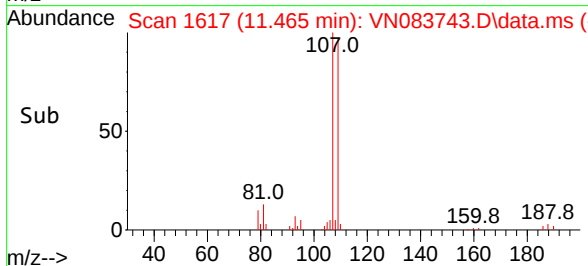
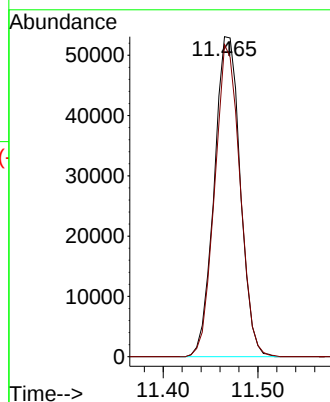
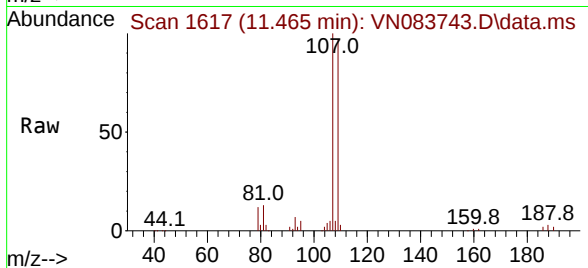
#61
1,2-Dibromoethane
Concen: 50.281 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 101248
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4

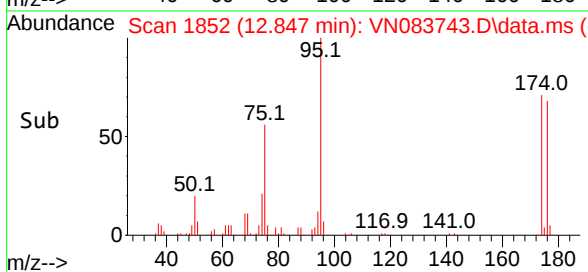
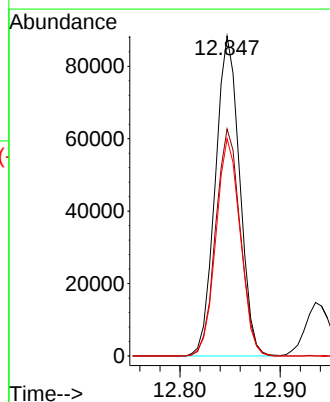
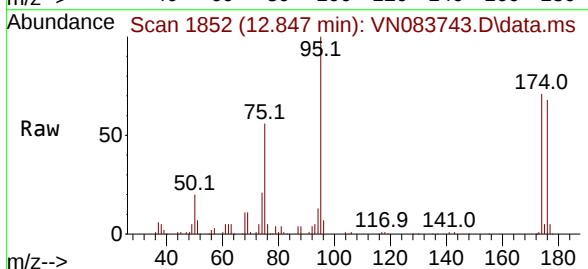
Manual Integrations
APPROVED

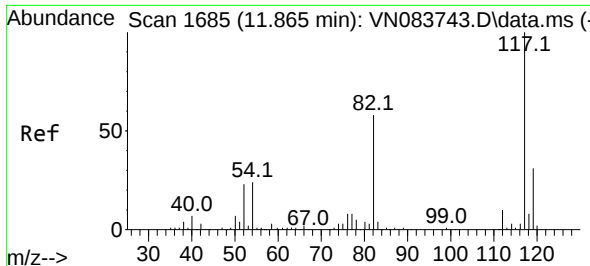
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#62
4-Bromofluorobenzene
Concen: 53.401 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

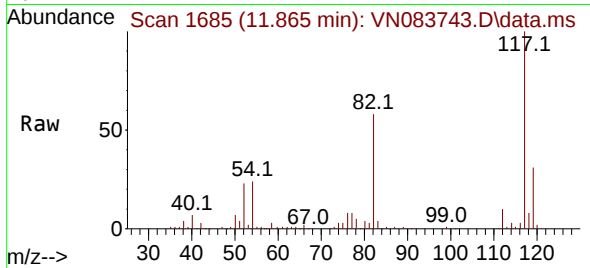
Tgt Ion: 95 Resp: 148654
Ion Ratio Lower Upper
95 100
174 71.6 0.0 139.8
176 67.9 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

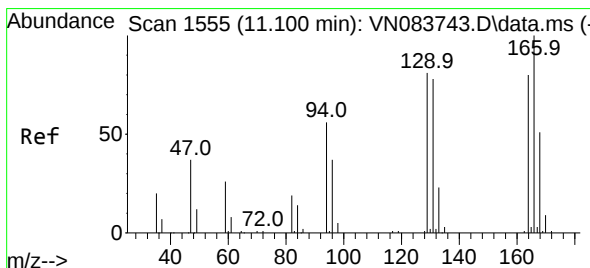
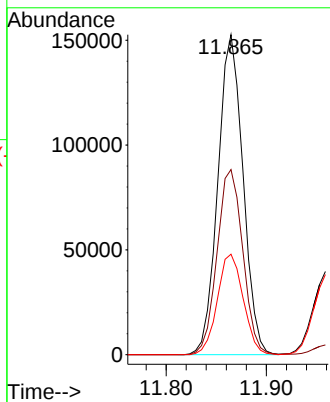
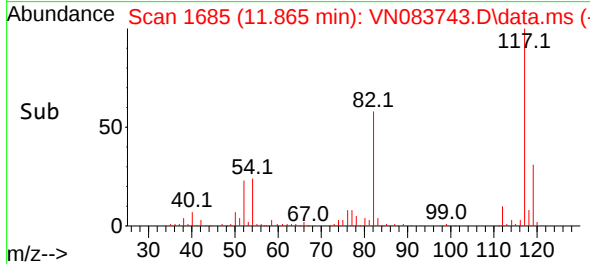
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 26598
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.0
119 31.4 26.3 39.5

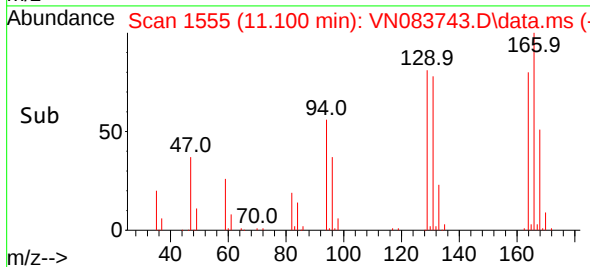
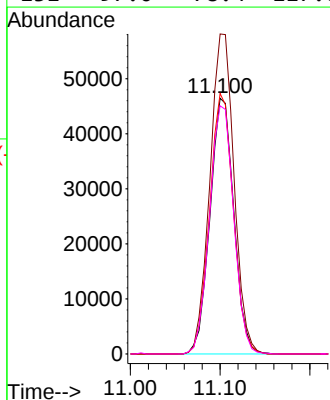
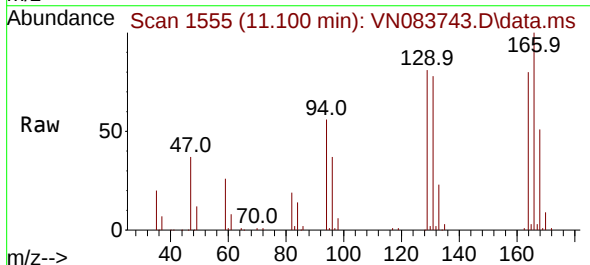
Manual Integrations
APPROVED

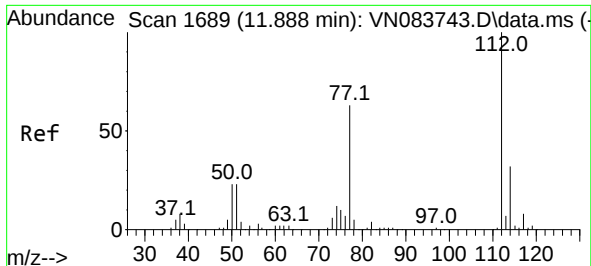
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#64
Tetrachloroethene
Concen: 48.327 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

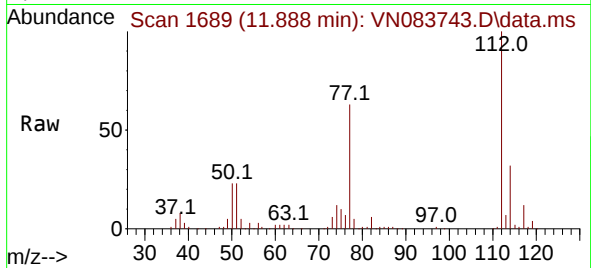
Tgt Ion:164 Resp: 85484
Ion Ratio Lower Upper
164 100
166 125.1 103.7 155.5
129 101.8 79.9 119.9
131 97.0 78.4 117.6





#65
Chlorobenzene
Concen: 49.084 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

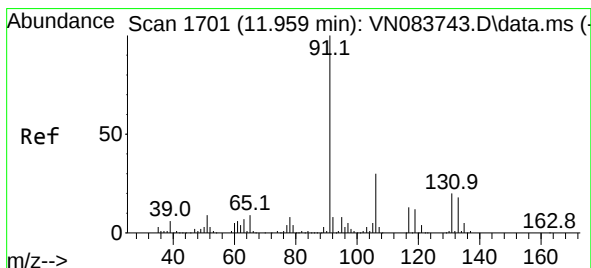
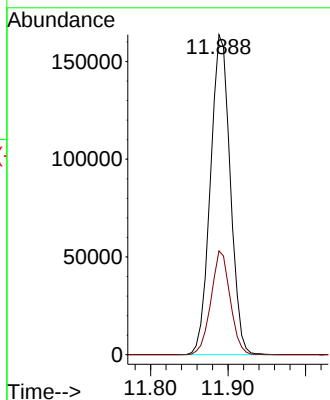
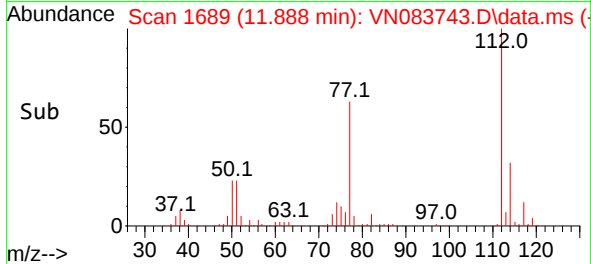
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



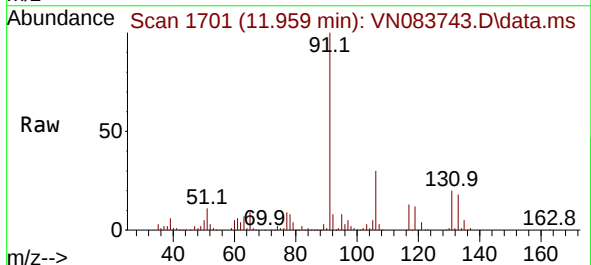
Tgt Ion:112 Resp: 290168
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

Manual Integrations
APPROVED

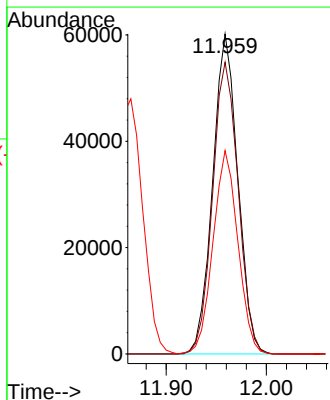
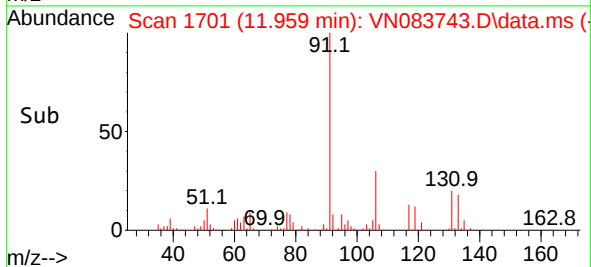
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

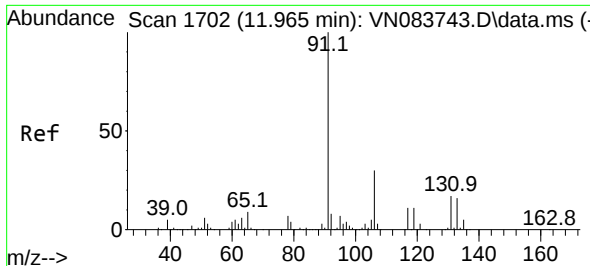


#66
1,1,1,2-Tetrachloroethane
Concen: 51.096 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32



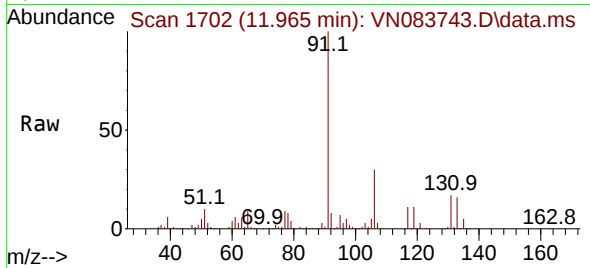
Tgt Ion:131 Resp: 104718
Ion Ratio Lower Upper
131 100
133 93.2 47.5 142.6
119 63.0 31.6 94.8





#67
Ethyl Benzene
Concen: 51.395 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

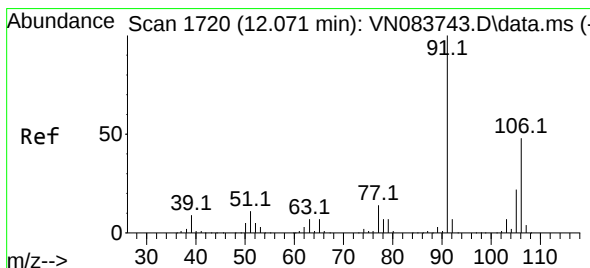
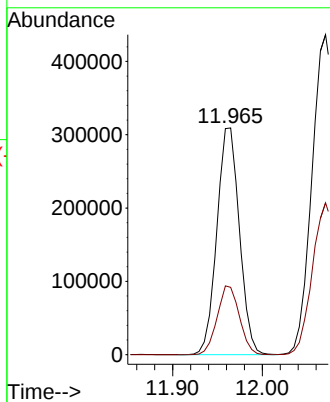
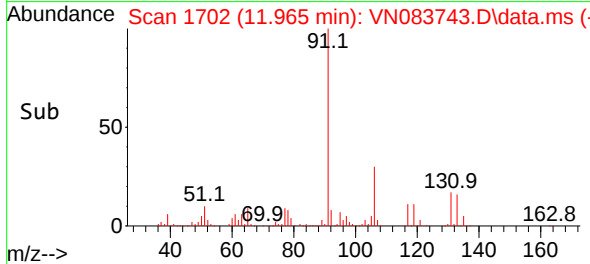
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 53973
Ion Ratio Lower Upper
91 100
106 29.7 24.3 36.5

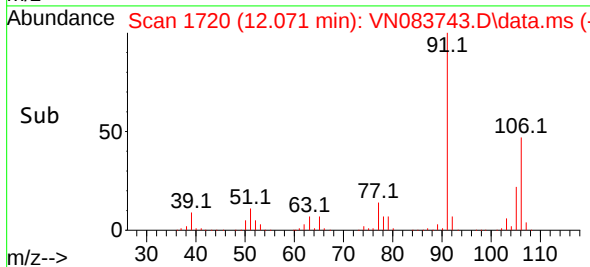
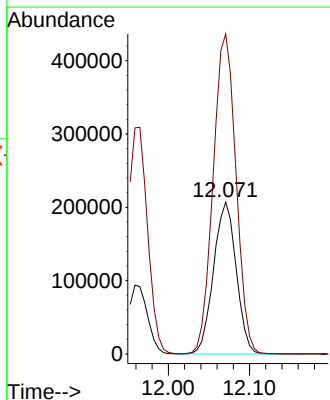
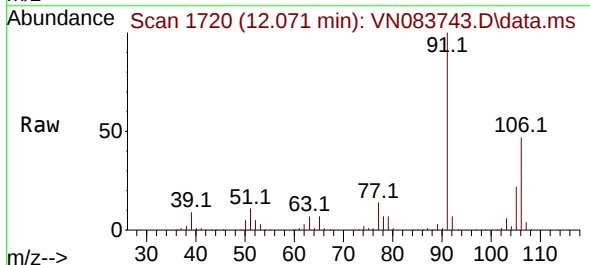
Manual Integrations
APPROVED

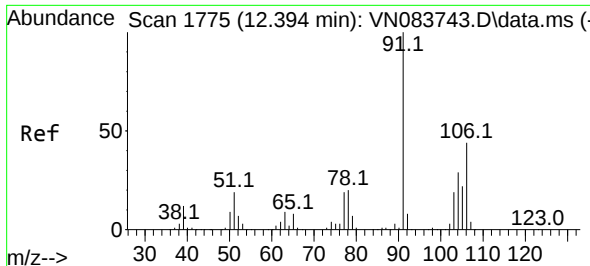
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#68
m/p-Xylenes
Concen: 102.926 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

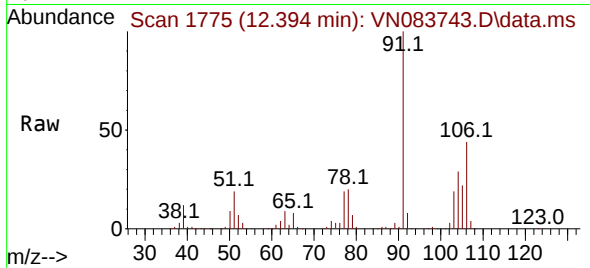
Tgt Ion:106 Resp: 401299
Ion Ratio Lower Upper
106 100
91 212.7 169.2 253.8





#69
o-Xylene
Concen: 52.119 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

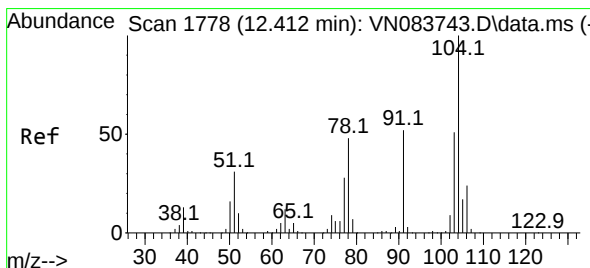
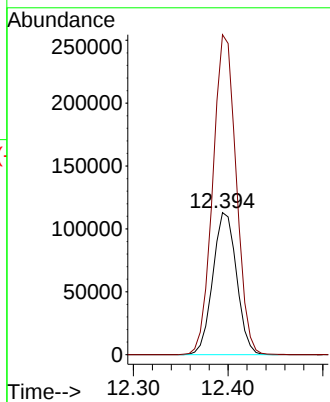
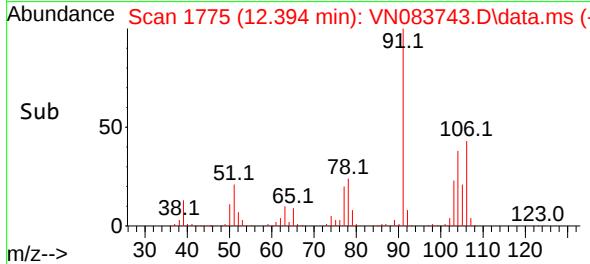
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 19672
Ion Ratio Lower Upper
106 100
91 222.4 112.9 338.6

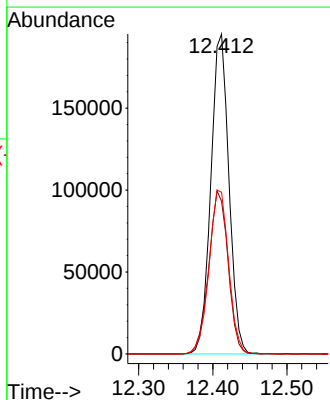
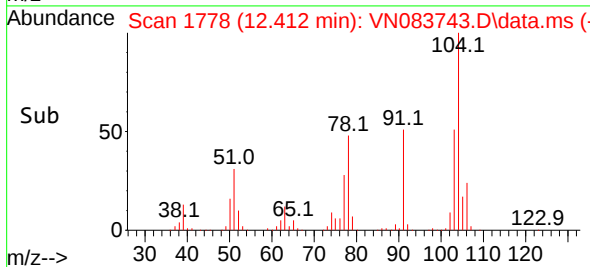
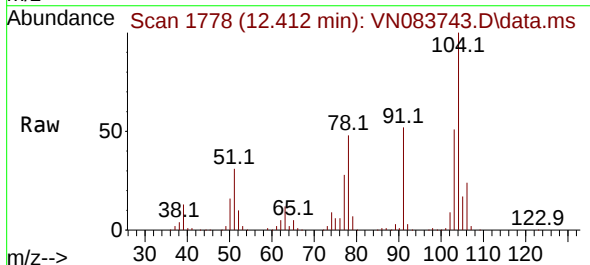
Manual Integrations
APPROVED

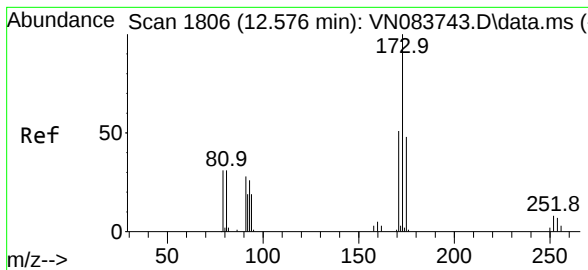
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#70
Styrene
Concen: 53.417 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

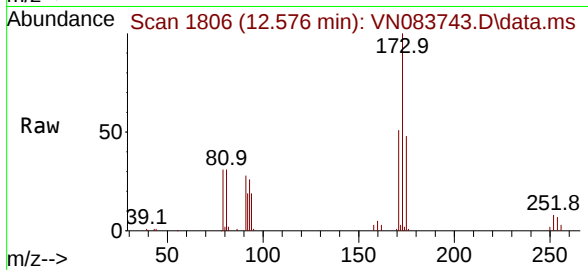
Tgt Ion:104 Resp: 330888
Ion Ratio Lower Upper
104 100
78 54.3 43.3 64.9
103 55.5 43.4 65.2





#71
Bromoform
Concen: 53.596 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

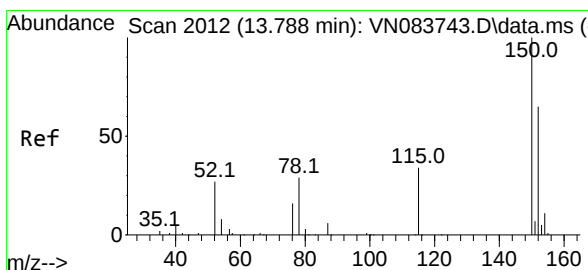
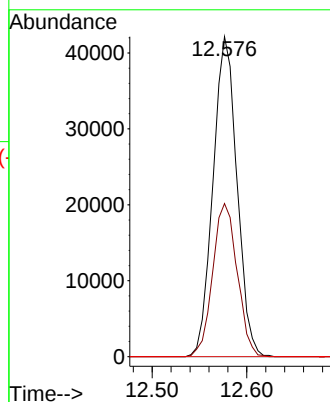
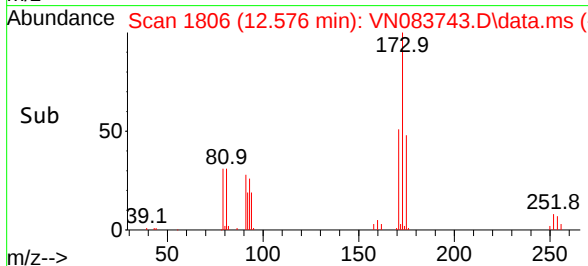
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



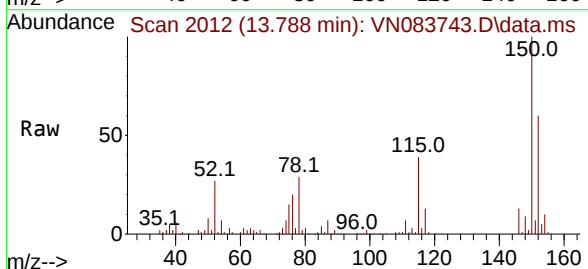
Tgt Ion:173 Resp: 7401
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

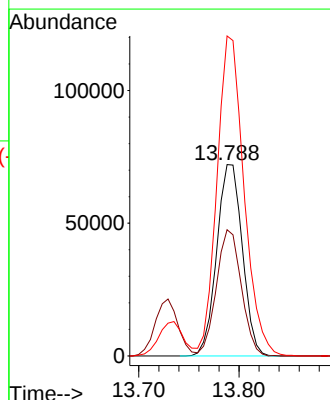
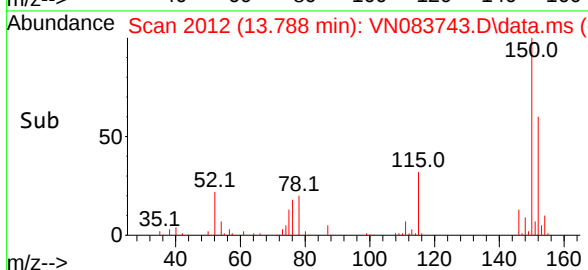
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

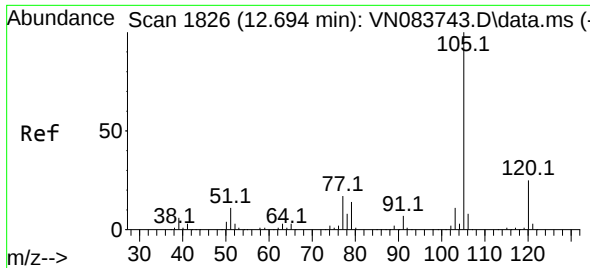


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32



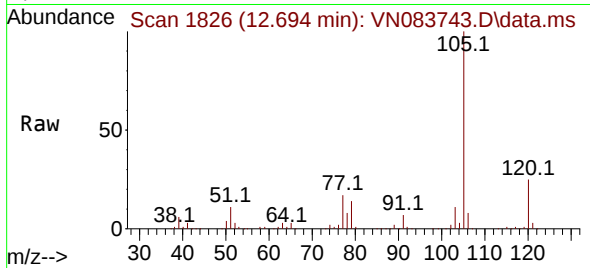
Tgt Ion:152 Resp: 127433
Ion Ratio Lower Upper
152 100
115 64.2 32.2 96.6
150 176.6 0.0 348.6





#73
Isopropylbenzene
Concen: 52.691 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

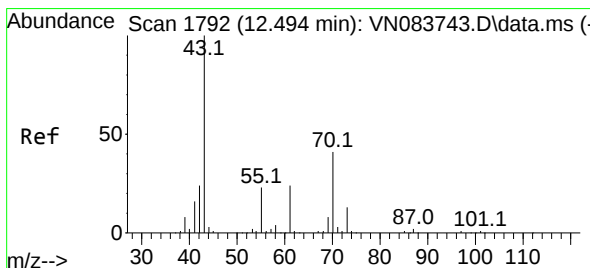
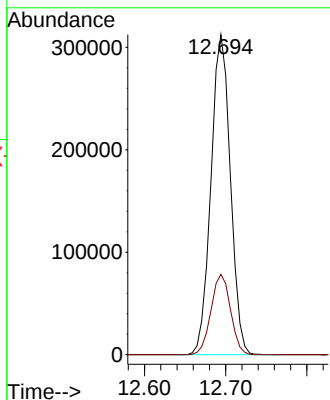
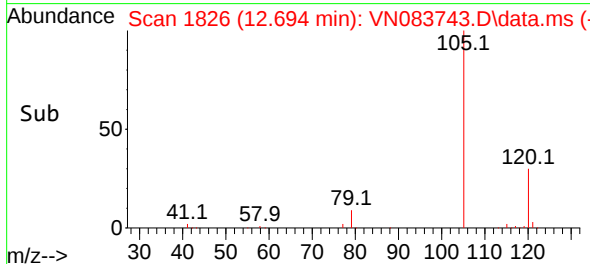
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



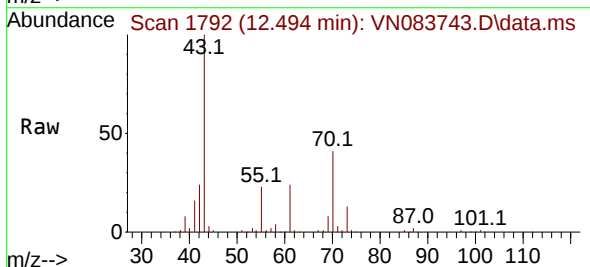
Tgt Ion:105 Resp: 519478
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.8

Manual Integrations
APPROVED

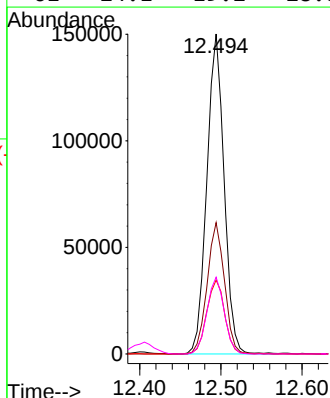
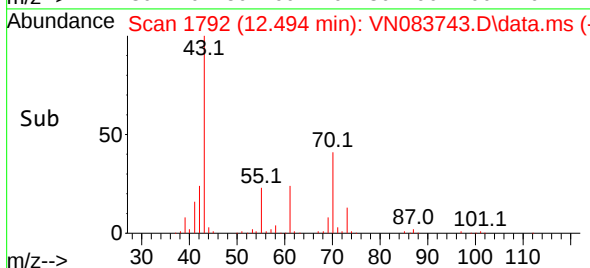
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

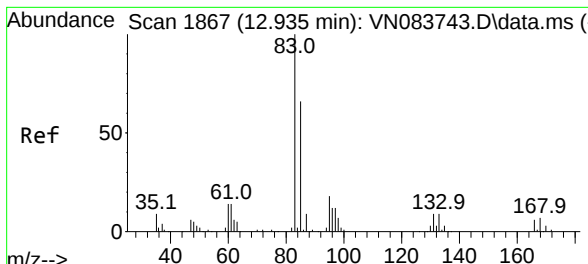


#74
N-ethyl acetate
Concen: 52.682 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32



Tgt Ion: 43 Resp: 221603
Ion Ratio Lower Upper
43 100
70 41.2 34.5 51.7
55 24.0 18.6 28.0
61 24.1 19.2 28.8





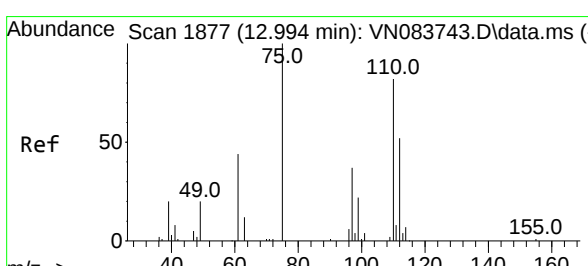
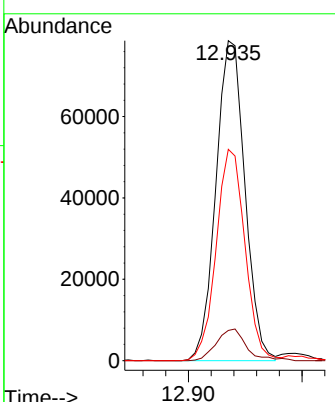
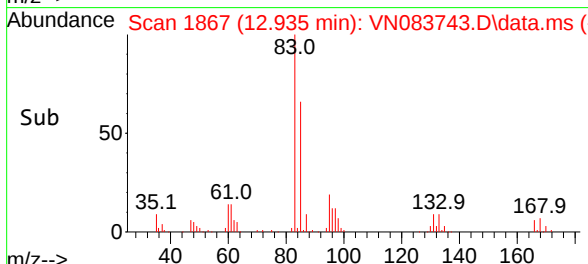
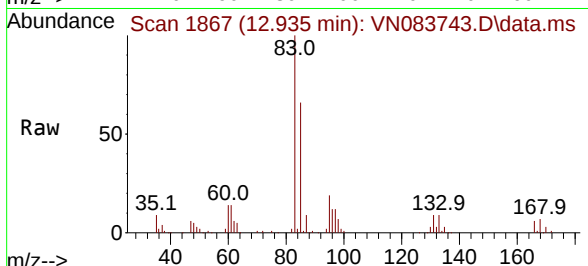
#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.166 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

Instrument : MSVOA_N
 ClientSampleId : VSTDICCC050

Tgt Ion:	83	Resp:	13952
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.2	15.6
85	65.5	31.9	95.9

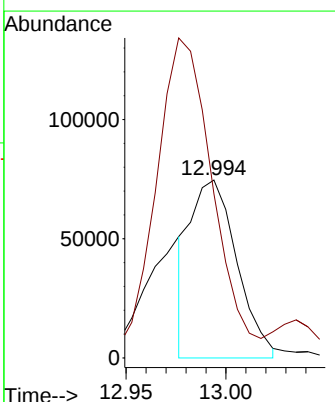
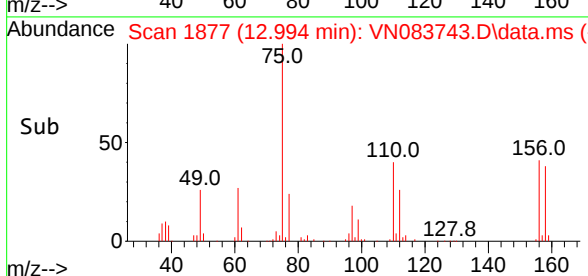
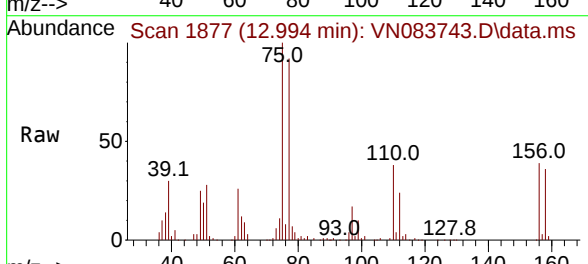
Manual Integrations
 APPROVED

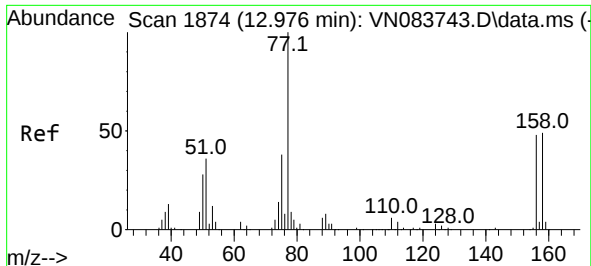
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#76
 1,2,3-Trichloropropane
 Concen: 46.684 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

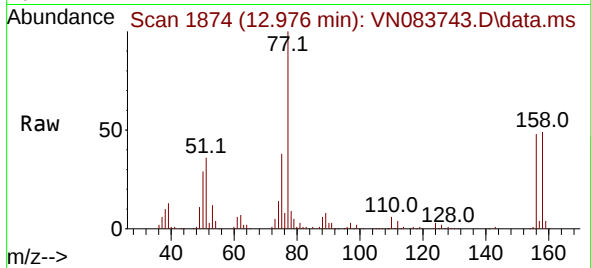
Tgt Ion:	75	Resp:	120040
Ion Ratio	Lower	Upper	
75	100		
77	221.9	95.2	285.6





#77
Bromobenzene
Concen: 48.259 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

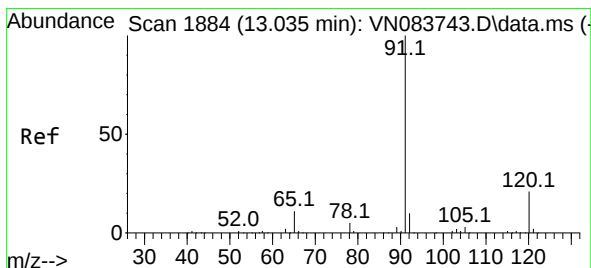
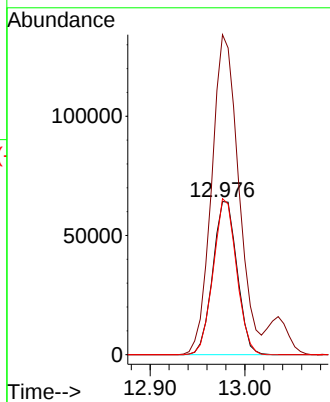
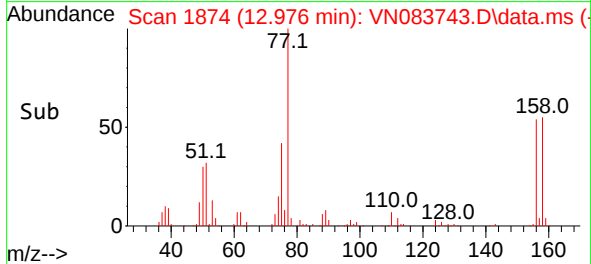
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



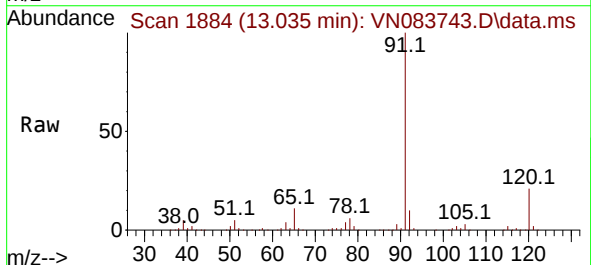
Tgt Ion:156 Resp: 11452
Ion Ratio Lower Upper
156 100
77 232.6 114.3 343.1
158 97.8 48.9 146.7

Manual Integrations
APPROVED

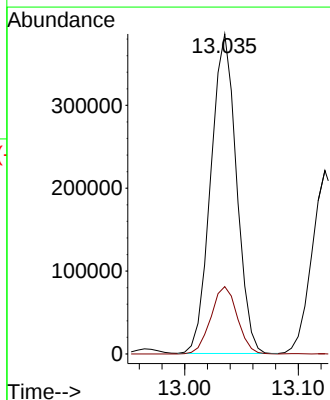
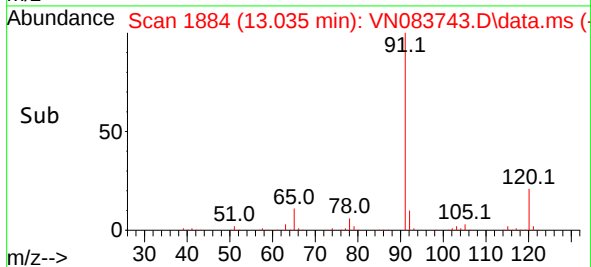
Reviewed By :John Carbone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

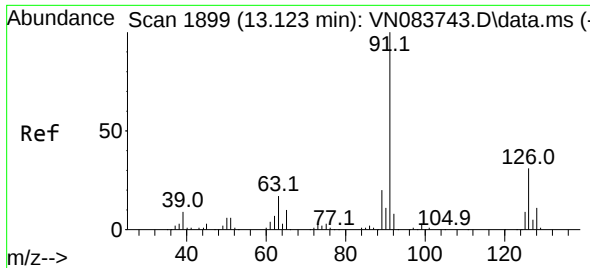


#78
n-propylbenzene
Concen: 52.864 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32



Tgt Ion: 91 Resp: 606410
Ion Ratio Lower Upper
91 100
120 21.7 11.0 33.0





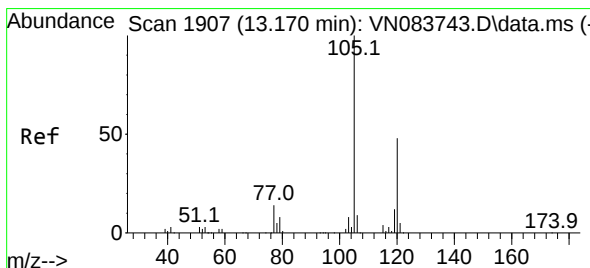
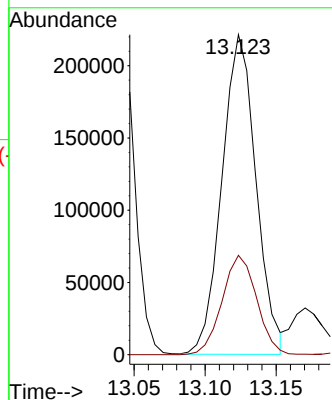
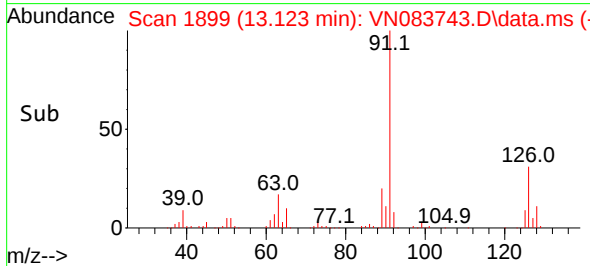
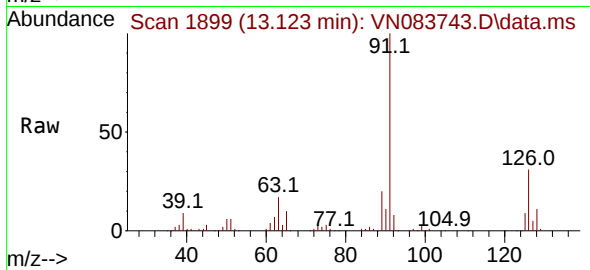
#79
2-Chlorotoluene
Concen: 50.391 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 368649
Ion Ratio Lower Upper
91 100
126 31.6 15.4 46.2

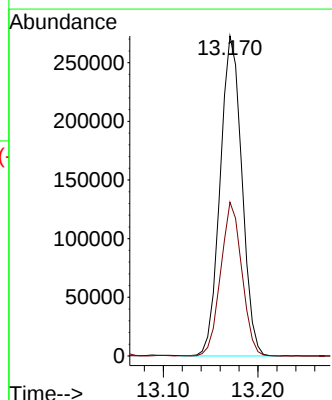
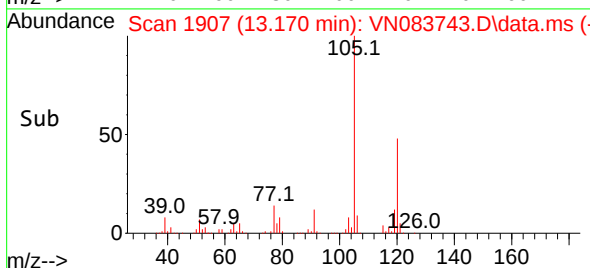
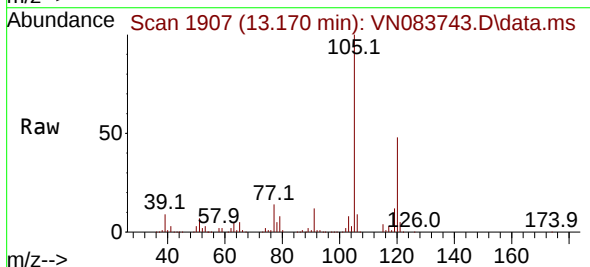
Manual Integrations
APPROVED

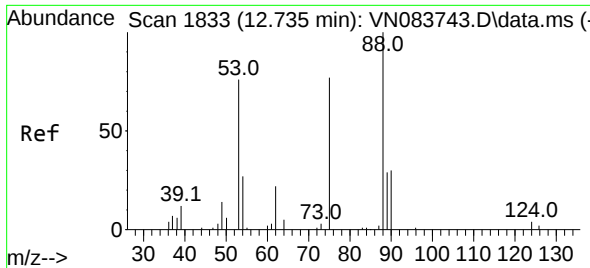
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.415 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

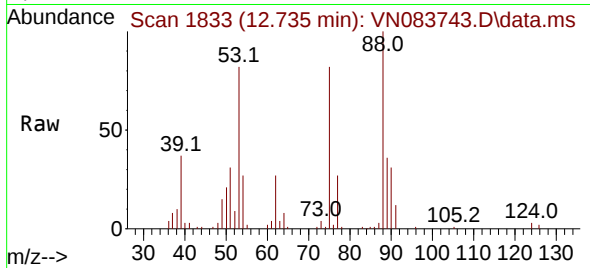
Tgt Ion:105 Resp: 435677
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.325 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

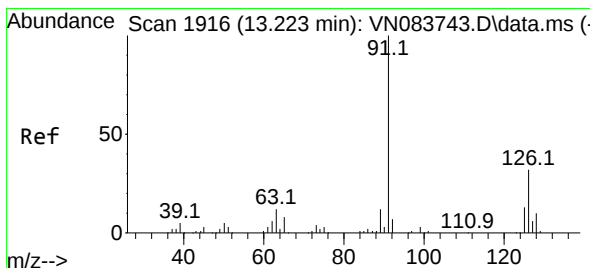
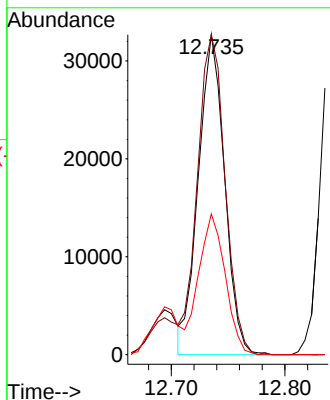
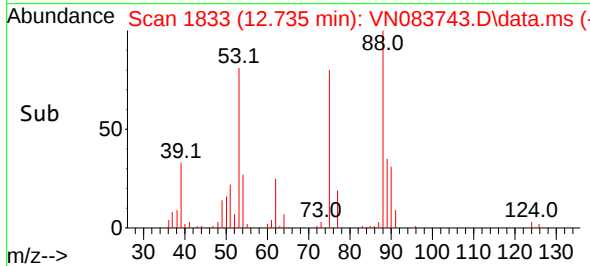
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 5235
Ion Ratio Lower Upper
75 100
53 105.7 81.2 121.8
89 44.3 35.7 53.5

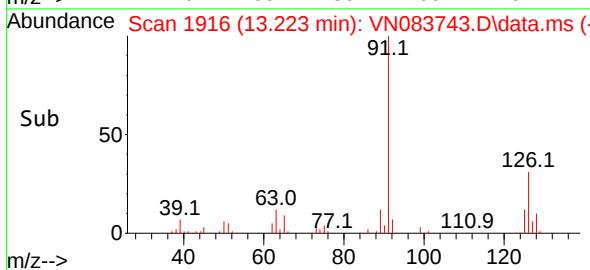
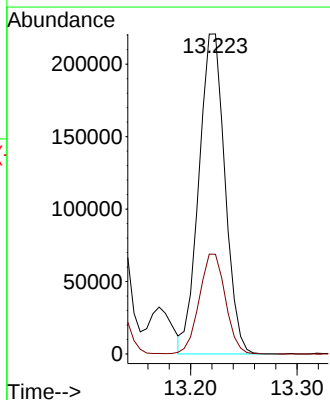
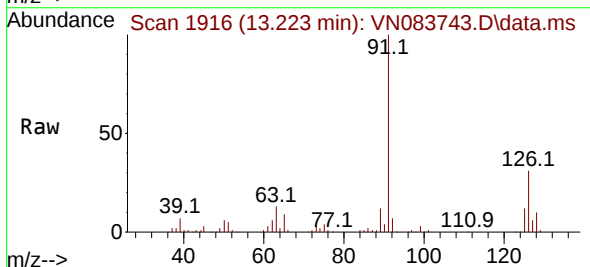
Manual Integrations
APPROVED

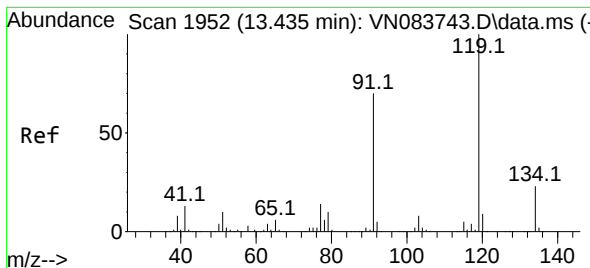
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#82
4-Chlorotoluene
Concen: 51.180 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 91 Resp: 375734
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.2





#83

tert-Butylbenzene

Concen: 52.809 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 384034

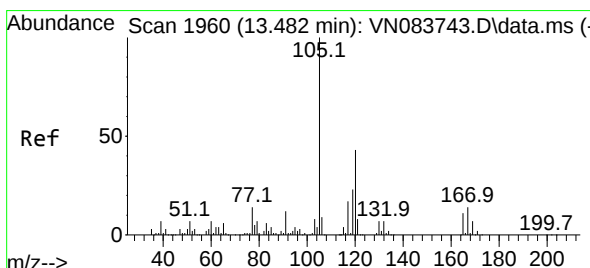
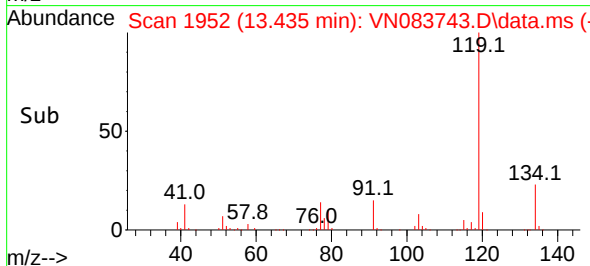
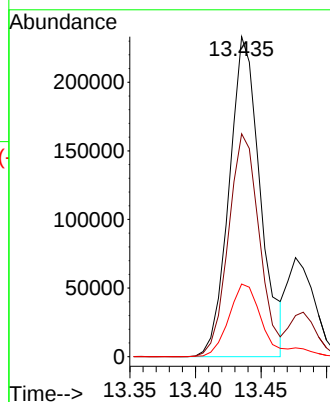
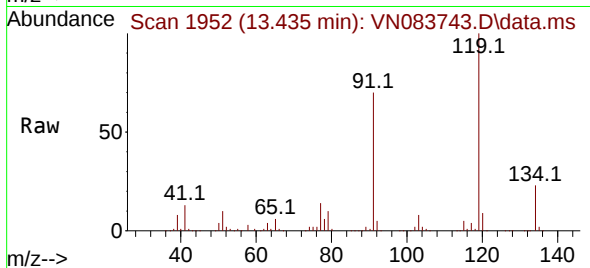
Ion	Ratio	Lower	Upper
119	100		
91	69.3	34.5	103.6
134	25.5	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#84

1,2,4-Trimethylbenzene

Concen: 53.164 ug/l

RT: 13.482 min Scan# 1960

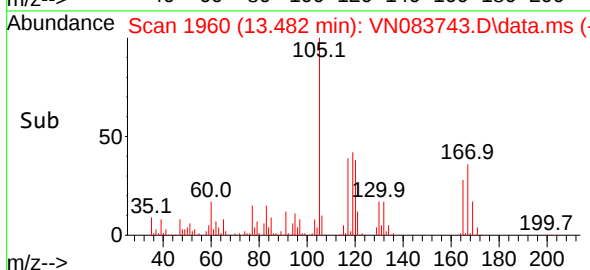
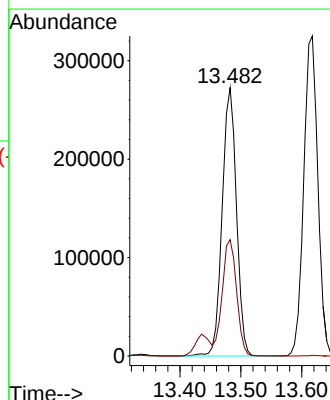
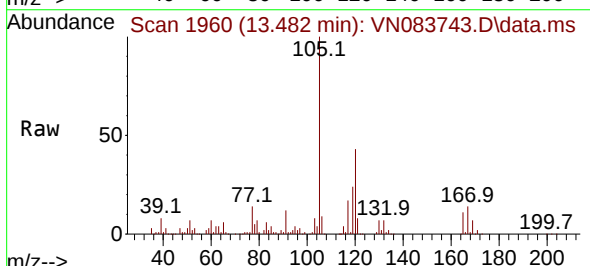
Delta R.T. 0.000 min

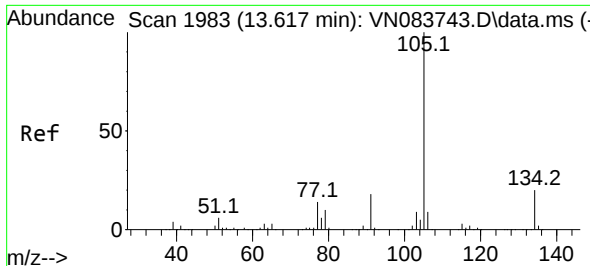
Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Tgt Ion:105 Resp: 443899

Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.8	65.4





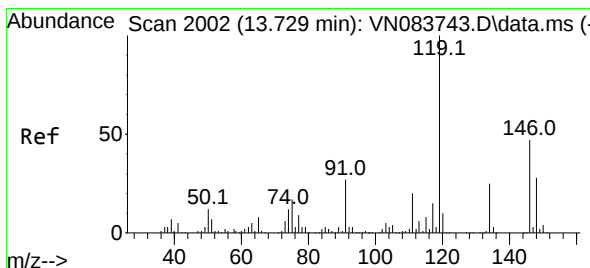
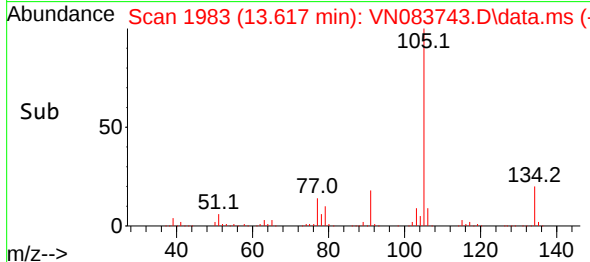
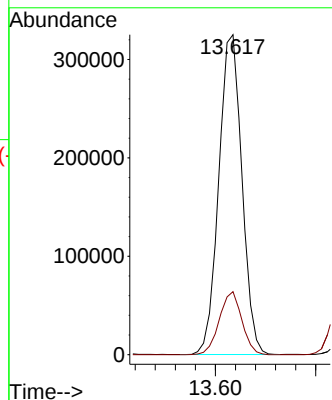
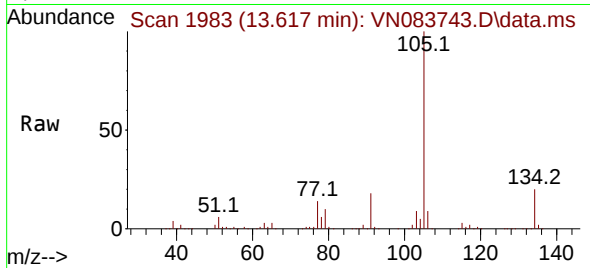
#85
 sec-Butylbenzene
 Concen: 53.962 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 52044
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1

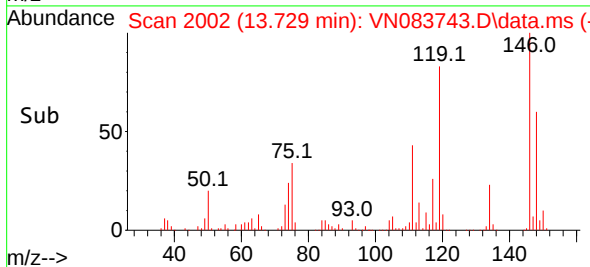
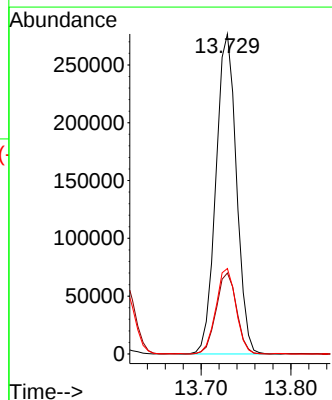
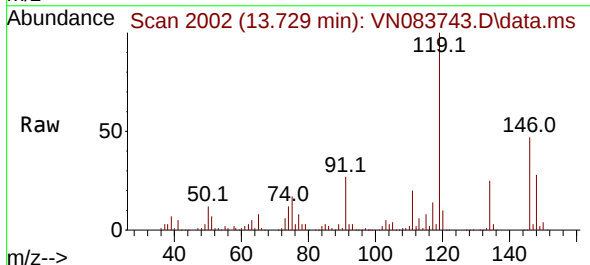
Manual Integrations
 APPROVED

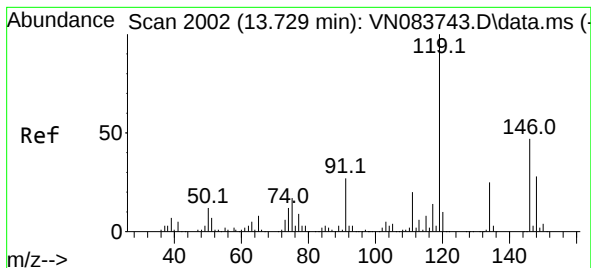
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#86
 p-Isopropyltoluene
 Concen: 54.344 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

Tgt Ion:119 Resp: 439355
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 26.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 49.548 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 221915

Ion Ratio Lower Upper

146 100

111 43.4 21.7 65.1

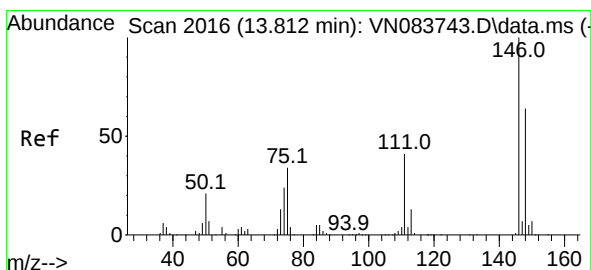
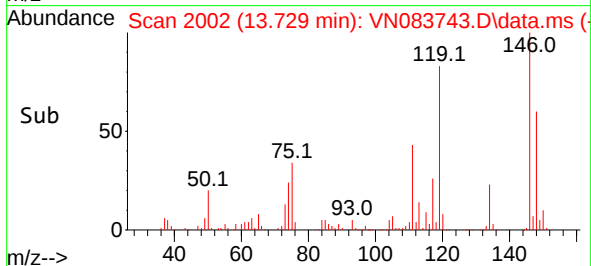
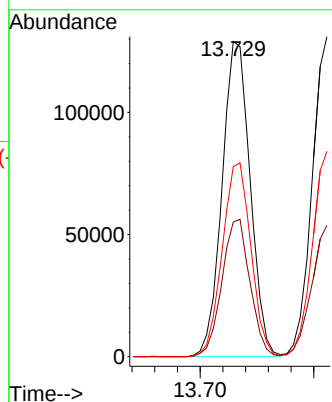
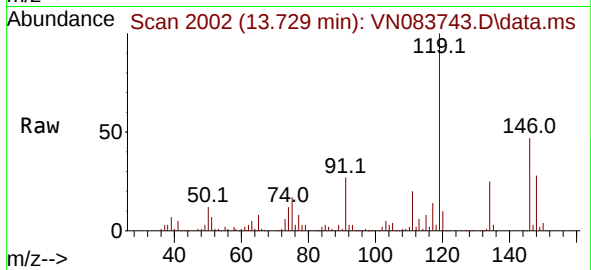
148 62.7 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#88

1,4-Dichlorobenzene

Concen: 48.914 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

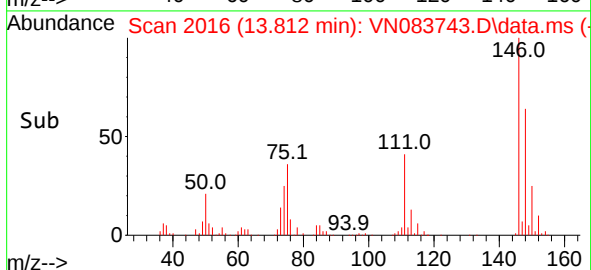
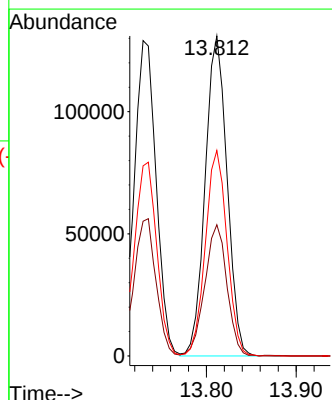
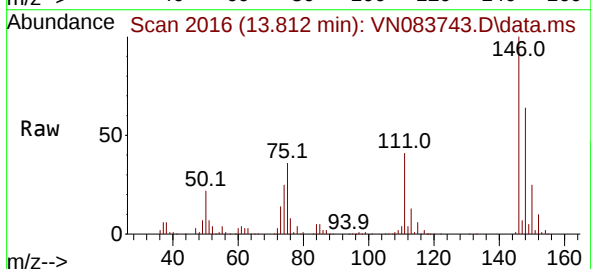
Tgt Ion:146 Resp: 221827

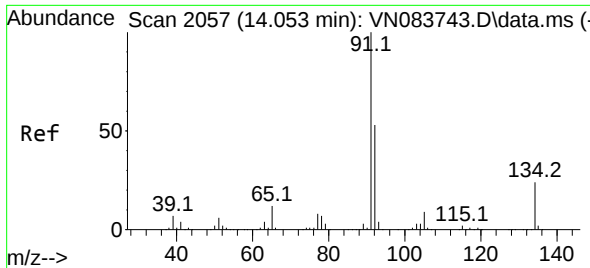
Ion Ratio Lower Upper

146 100

111 41.6 21.3 64.0

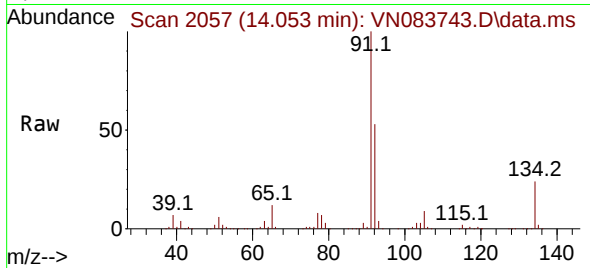
148 63.5 32.0 96.2





#89
n-Butylbenzene
Concen: 52.700 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

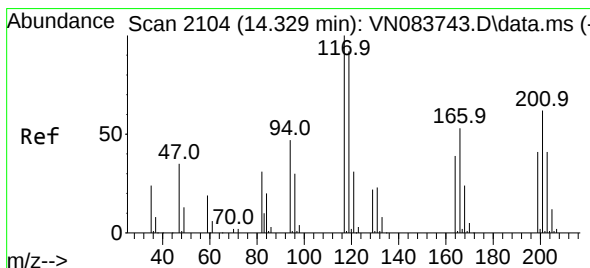
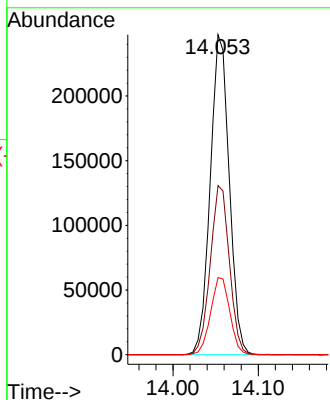
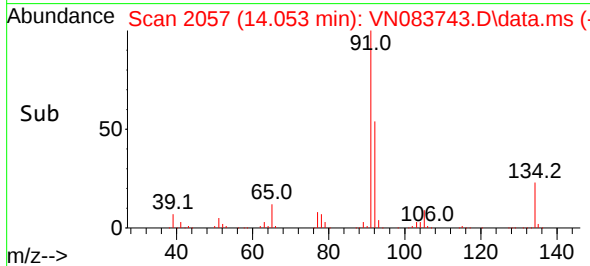
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 382538
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.1
134 24.3 12.2 36.4

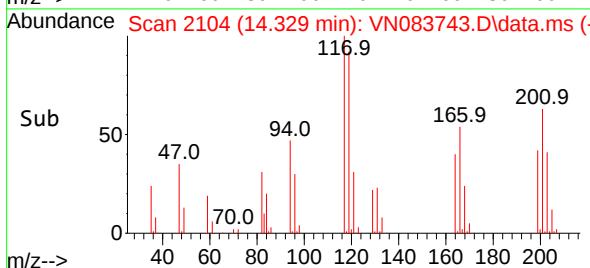
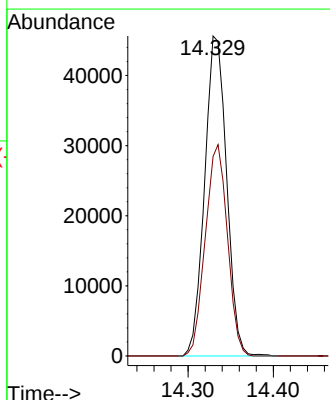
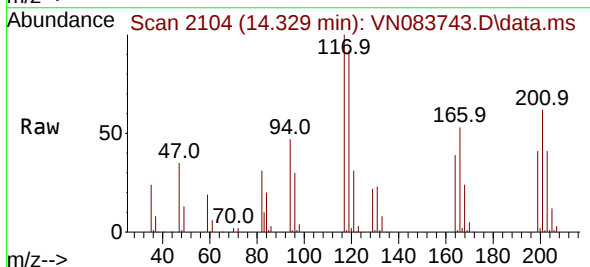
Manual Integrations
APPROVED

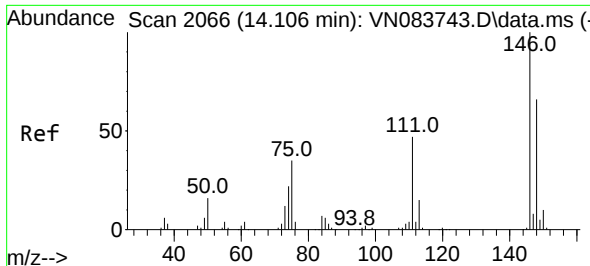
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#90
Hexachloroethane
Concen: 50.348 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion:117 Resp: 81825
Ion Ratio Lower Upper
117 100
201 66.4 32.8 98.3





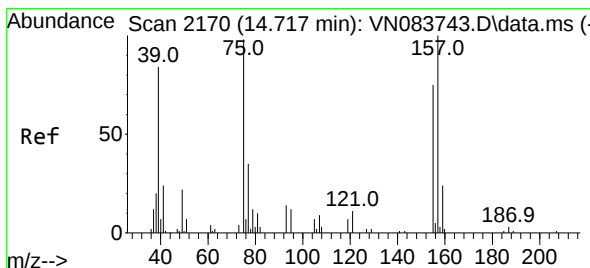
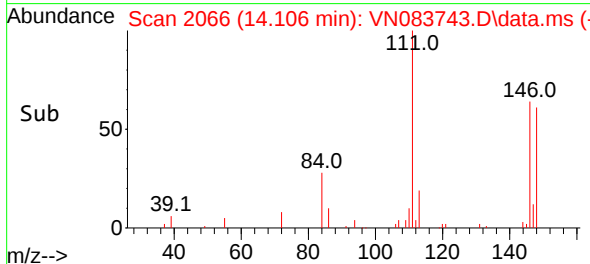
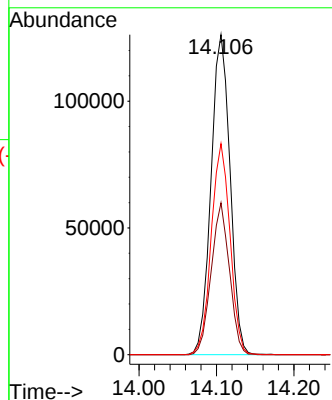
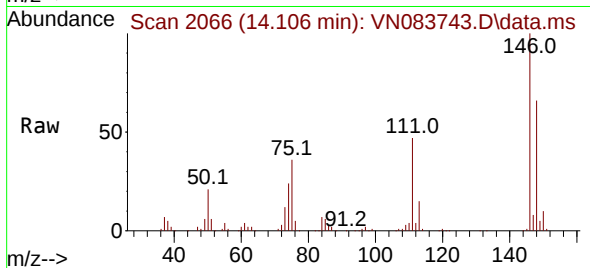
#91
1,2-Dichlorobenzene
Concen: 49.777 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 215150
Ion Ratio Lower Upper
146 100
111 45.6 22.8 68.3
148 65.0 32.1 96.5

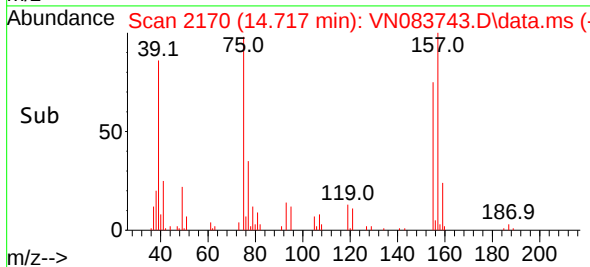
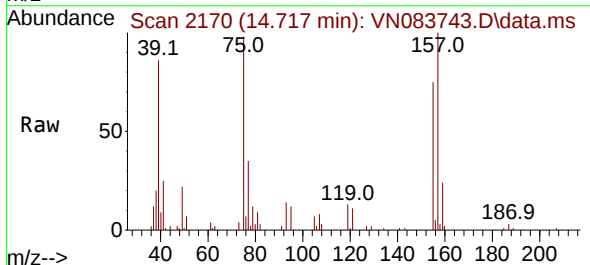
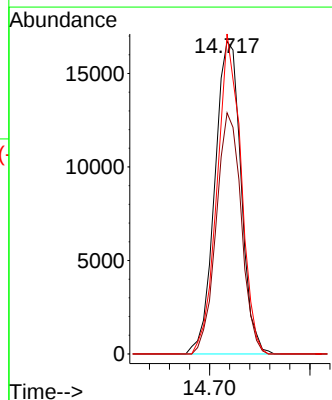
Manual Integrations
APPROVED

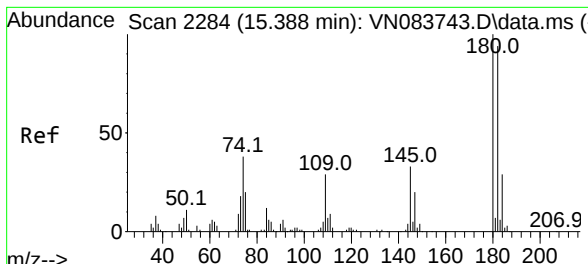
Reviewed By :John Carbone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.330 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

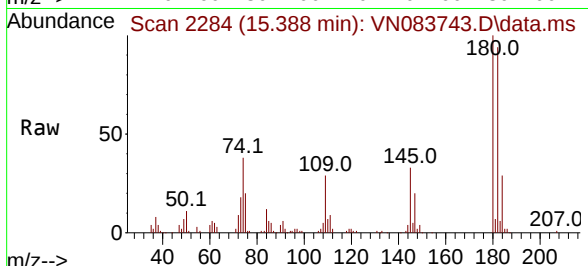
Tgt Ion: 75 Resp: 30218
Ion Ratio Lower Upper
75 100
155 73.9 35.9 107.7
157 93.2 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 51.209 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

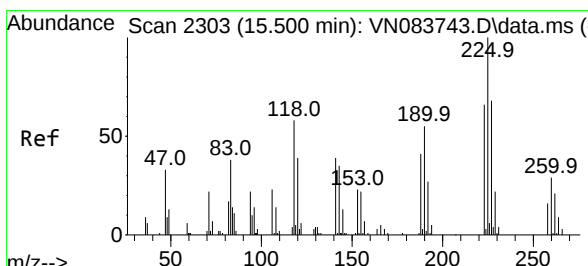
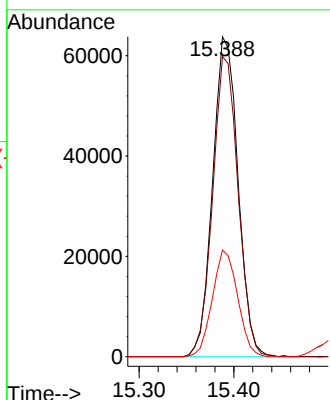
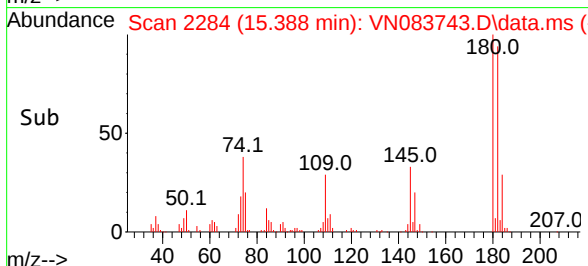
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



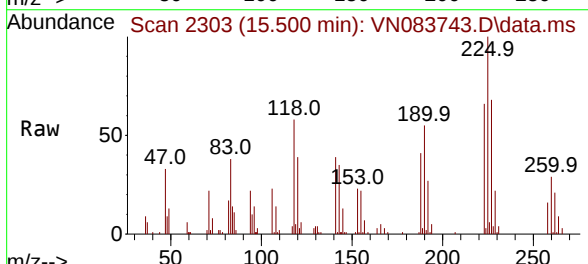
Tgt Ion:180 Resp: 118780
Ion Ratio Lower Upper
180 100
182 94.0 48.1 144.3
145 33.1 16.9 50.7

Manual Integrations
APPROVED

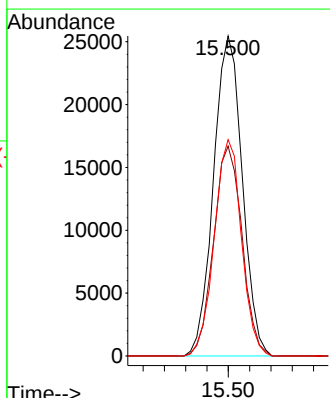
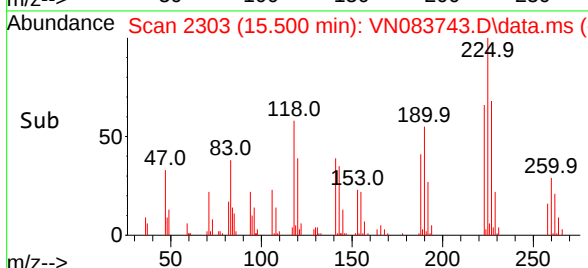
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

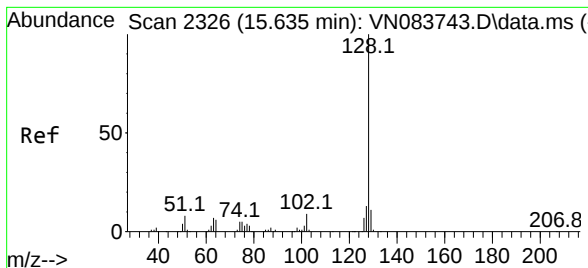


#94
Hexachlorobutadiene
Concen: 48.405 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32



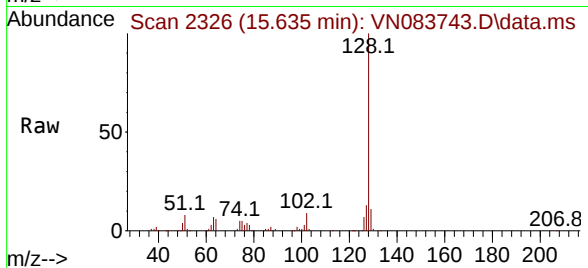
Tgt Ion:225 Resp: 47681
Ion Ratio Lower Upper
225 100
223 64.6 31.9 95.5
227 63.9 32.0 96.2





#95
Naphthalene
Concen: 54.471 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

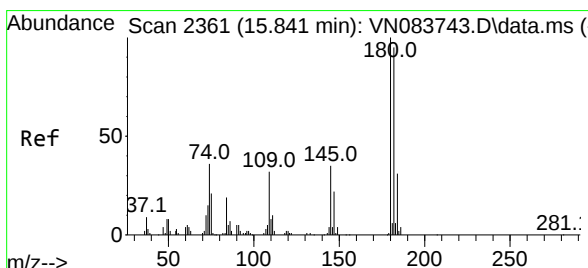
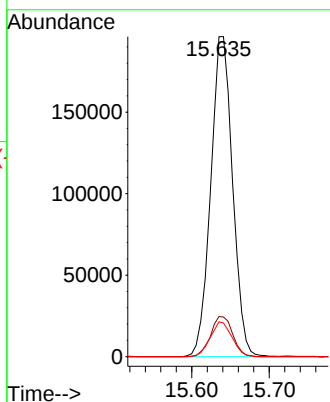
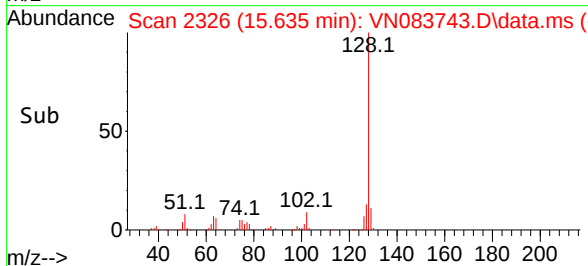
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 384390
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.447 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion:180 Resp: 114047
Ion Ratio Lower Upper
180 100
182 96.3 47.1 141.4
145 36.4 17.8 53.5

