

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083768.D
 Acq On : 11 Sep 2024 03:39
 Operator : JC\MD
 Sample : VN0910WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBS02

Quant Time: Sep 11 05:17:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 03:05:46 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	143387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112878	52.208	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.420%			
35) Dibromofluoromethane	8.165	113	82589	50.126	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.260%			
50) Toluene-d8	10.565	98	289156	50.765	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.847	95	111431	47.417	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	31867	19.137	ug/l	100
3) Chloromethane	2.360	50	34655	19.244	ug/l	94
4) Vinyl Chloride	2.512	62	34675	18.998	ug/l	91
5) Bromomethane	2.901	94	20152	19.230	ug/l	93
6) Chloroethane	3.071	64	23261	18.370	ug/l	96
7) Trichlorofluoromethane	3.471	101	58582	18.908	ug/l	95
8) Diethyl Ether	3.959	74	19933	19.193	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.354	101	30512	18.580	ug/l	96
10) Methyl Iodide	4.571	142	39121	18.731	ug/l	96
11) Tert butyl alcohol	5.530	59	27662	95.544	ug/l	99
12) 1,1-Dichloroethene	4.318	96	28891	18.629	ug/l #	83
13) Acrolein	4.177	56	26041	91.160	ug/l	99
14) Allyl chloride	5.012	41	52108	18.856	ug/l	98
15) Acrylonitrile	5.712	53	77308	98.187	ug/l	99
16) Acetone	4.424	43	68043	78.506	ug/l	98
17) Carbon Disulfide	4.701	76	76667	17.672	ug/l	99
18) Methyl Acetate	5.024	43	38960	20.479	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	107388	19.135	ug/l	99
20) Methylene Chloride	5.271	84	34011	19.176	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	30294	18.227	ug/l	95
22) Diisopropyl ether	6.671	45	112691	19.810	ug/l	96
23) Vinyl Acetate	6.600	43	397068	95.314	ug/l	98
24) 1,1-Dichloroethane	6.559	63	62720	19.137	ug/l	98
25) 2-Butanone	7.483	43	105108	92.267	ug/l	98
26) 2,2-Dichloropropane	7.483	77	42783	14.175	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	37380	18.946	ug/l	99
28) Bromochloromethane	7.812	49	28180	20.418	ug/l	94
29) Tetrahydrofuran	7.842	42	66007	97.994	ug/l	99
30) Chloroform	7.965	83	66187	19.023	ug/l	90
31) Cyclohexane	8.247	56	57697	18.464	ug/l	97
32) 1,1,1-Trichloroethane	8.159	97	62627	19.575	ug/l	98
36) 1,1-Dichloropropene	8.371	75	44245	17.841	ug/l	98
37) Ethyl Acetate	7.559	43	43951	19.525	ug/l	99
38) Carbon Tetrachloride	8.359	117	51584	18.335	ug/l	98
39) Methylcyclohexane	9.600	83	49877	17.670	ug/l	98
40) Benzene	8.600	78	141057	18.898	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	26053	19.568	ug/l	97
42) 1,2-Dichloroethane	8.671	62	53060	19.024	ug/l	100
43) Isopropyl Acetate	8.689	43	80290	19.683	ug/l	99
44) Trichloroethene	9.353	130	31364	18.145	ug/l	97
45) 1,2-Dichloropropane	9.618	63	34140	18.924	ug/l	95
46) Dibromomethane	9.706	93	24478	19.371	ug/l	98
47) Bromodichloromethane	9.888	83	51921	18.986	ug/l	100
48) Methyl methacrylate	9.683	41	35820	18.508	ug/l	96
49) 1,4-Dioxane	9.694	88	11512	361.588	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	213921	96.339	ug/l	98
52) Toluene	10.630	92	84819	18.577	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	47380	17.092	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	52323	17.969	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	32129	18.849	ug/l	94
56) Ethyl methacrylate	10.877	69	49523	18.884	ug/l	96
57) 1,3-Dichloropropane	11.159	76	55493	18.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	87631	92.738	ug/l	99
59) 2-Hexanone	11.194	43	153851	93.665	ug/l	98
60) Dibromochloromethane	11.359	129	35833	18.785	ug/l	99
61) 1,2-Dibromoethane	11.471	107	31767	18.687	ug/l	98
64) Tetrachloroethene	11.106	164	27325	18.031	ug/l	97
65) Chlorobenzene	11.888	112	88414	17.456	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	31580	17.986	ug/l	97
67) Ethyl Benzene	11.959	91	159960	17.779	ug/l	96
68) m/p-Xylenes	12.071	106	117861	35.284	ug/l	99
69) o-Xylene	12.394	106	59388	18.365	ug/l	97
70) Styrene	12.412	104	96345	18.154	ug/l	99
71) Bromoform	12.576	173	21734	18.369	ug/l #	98
73) Isopropylbenzene	12.694	105	149372	17.792	ug/l	98
74) N-amyl acetate	12.494	43	64934	18.128	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	45224	18.333	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	38564m	17.612	ug/l	
77) Bromobenzene	12.976	156	34088	16.868	ug/l	96
78) n-propylbenzene	13.035	91	171132	17.519	ug/l	99
79) 2-Chlorotoluene	13.124	91	111010	17.820	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	128127	18.102	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	13477	16.120	ug/l	96
82) 4-Chlorotoluene	13.218	91	106816	17.086	ug/l	100
83) tert-Butylbenzene	13.435	119	111318	17.976	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	126783	17.831	ug/l	99
85) sec-Butylbenzene	13.612	105	145907	17.766	ug/l	98
86) p-Isopropyltoluene	13.729	119	118583	17.224	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	63010	16.521	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	62787	16.258	ug/l	99
89) n-Butylbenzene	14.053	91	96128	15.552	ug/l	100
90) Hexachloroethane	14.329	117	24745	17.880	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	63786	17.329	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	8779	17.853	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	29965	15.171	ug/l	99
94) Hexachlorobutadiene	15.500	225	13045	15.552	ug/l	96
95) Naphthalene	15.641	128	96573	16.071	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	29500	15.627	ug/l	99

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

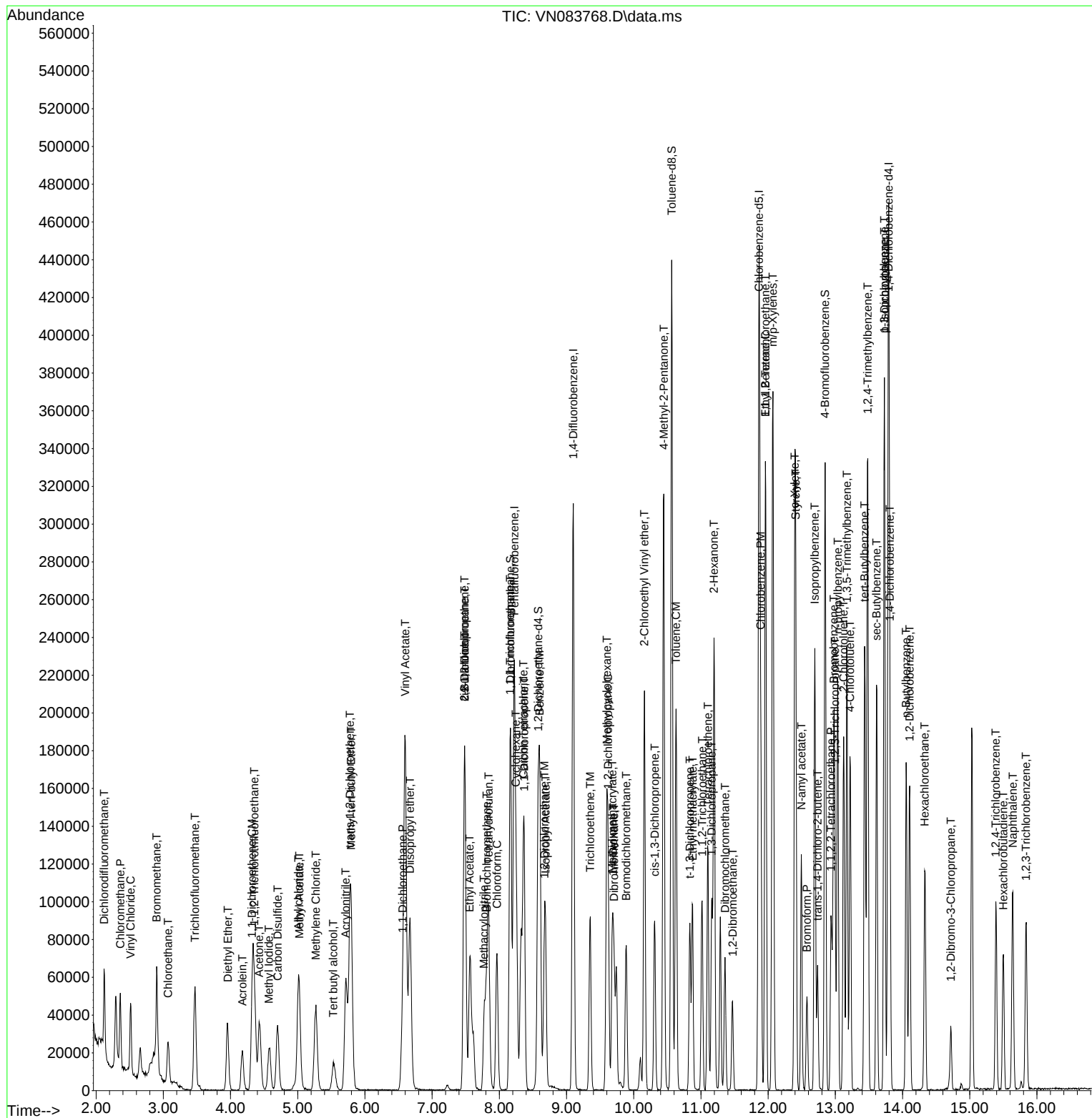
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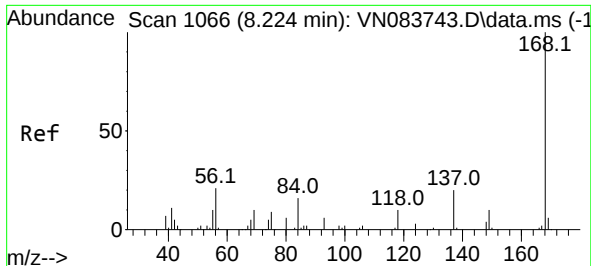
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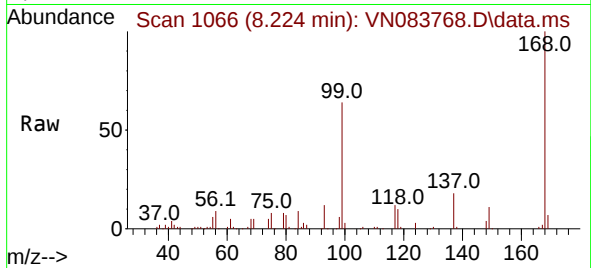
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083768.D
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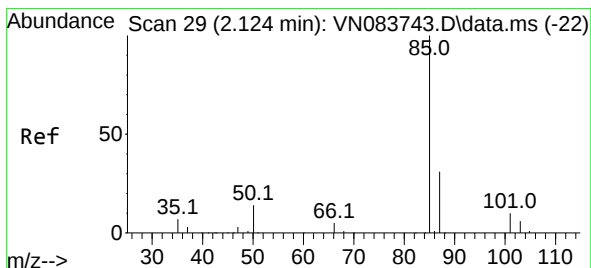
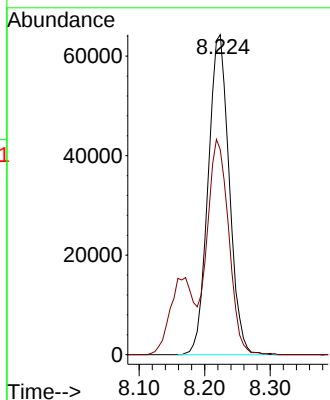
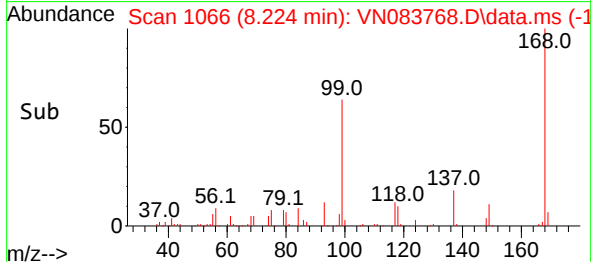
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



Tgt Ion:168 Resp: 14338
Ion Ratio Lower Upper
168 100
99 64.0 54.2 81.2

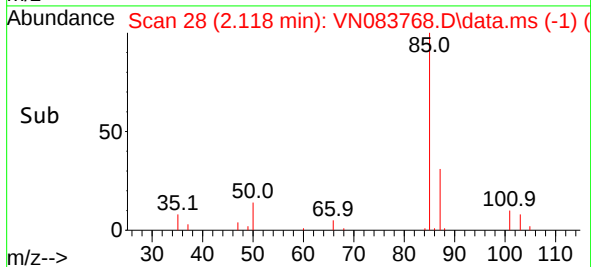
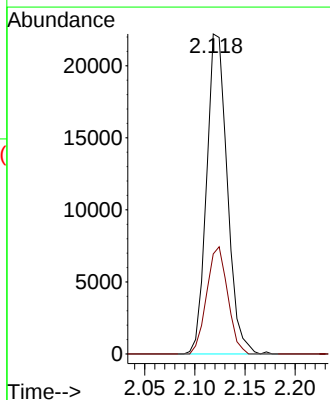
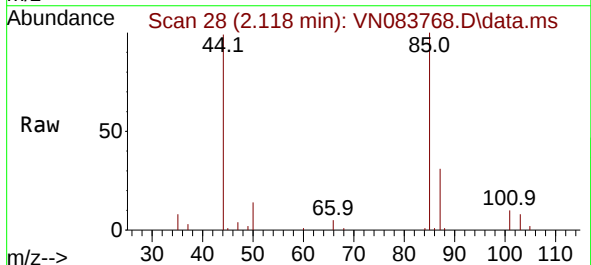
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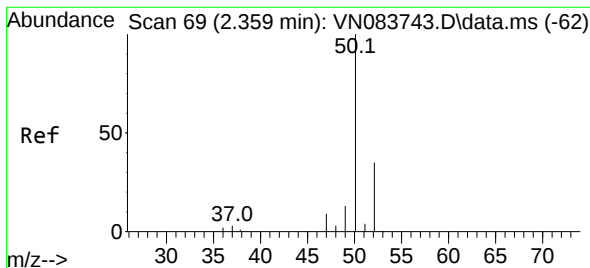
Reviewed By :John Carlone 09/11/2024
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#2
Dichlorodifluoromethane
Concen: 19.137 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Tgt Ion: 85 Resp: 31867
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0





#3

Chloromethane

Concen: 19.244 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.001 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBS02

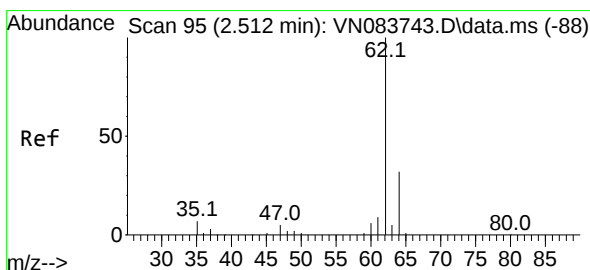
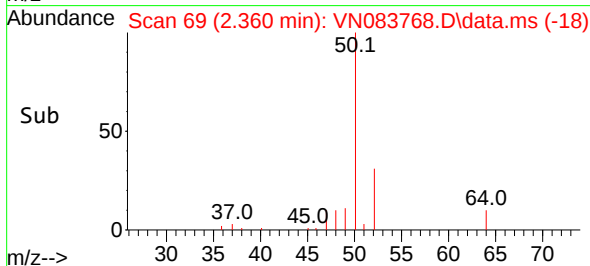
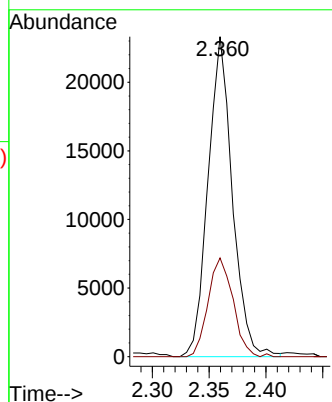
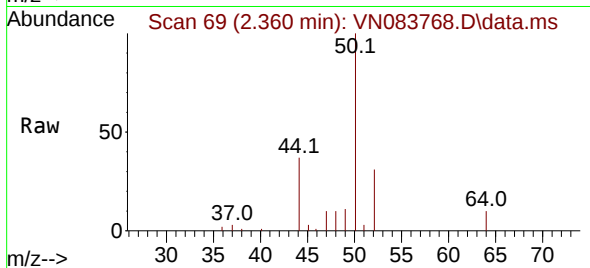
Tgt Ion: 50 Resp: 3465
Ion Ratio Lower Upper
50 100
52 30.8 27.2 40.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.998 ug/l

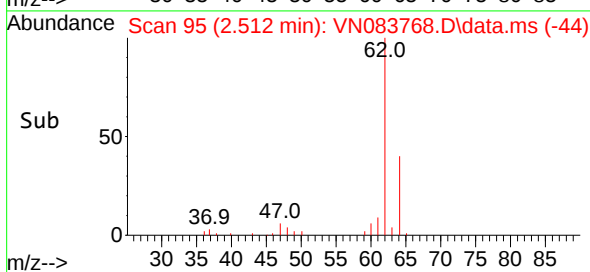
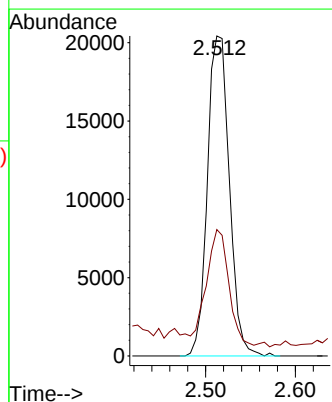
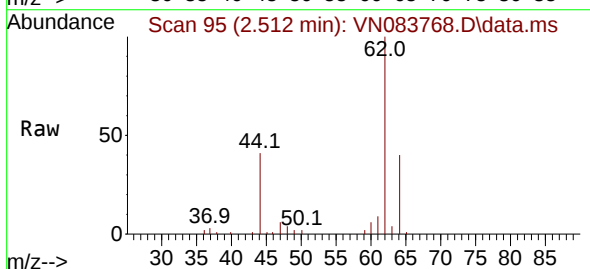
RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Tgt Ion: 62 Resp: 34675
Ion Ratio Lower Upper
62 100
64 36.1 24.7 37.1





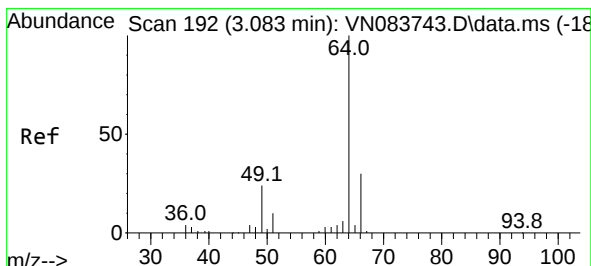
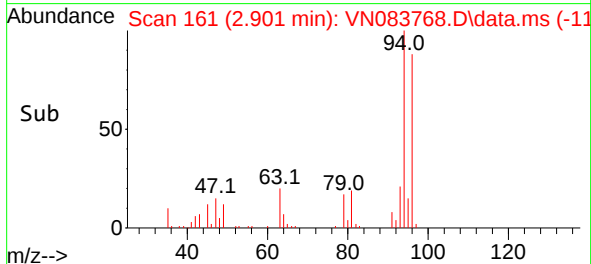
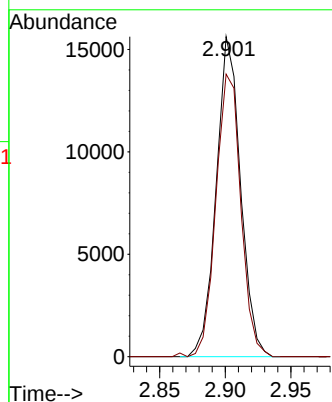
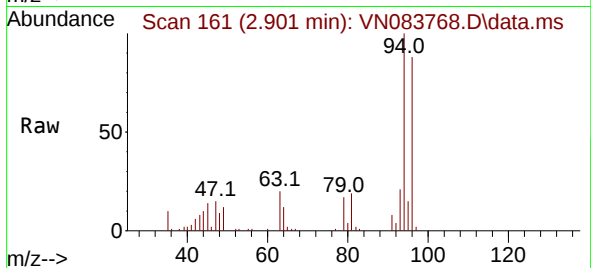
#5
Bromomethane
Concen: 19.230 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Instrument :
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Tgt Ion: 94 Resp: 2015
Ion Ratio Lower Upper
94 100
96 88.3 76.0 114.0

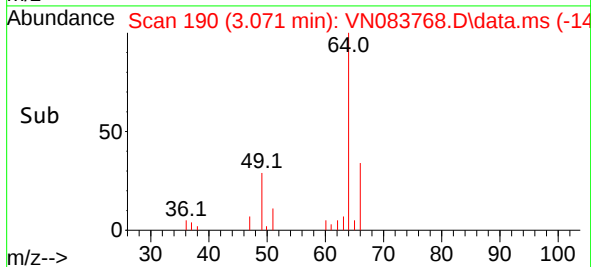
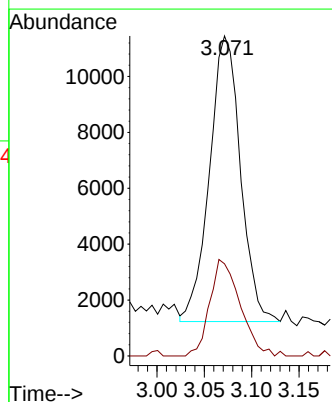
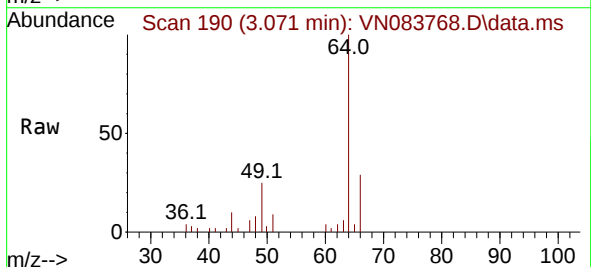
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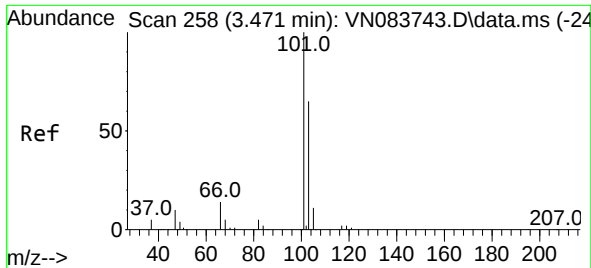
Reviewed By :John Carlone 09/11/2024
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#6
Chloroethane
Concen: 18.370 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.012 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Tgt Ion: 64 Resp: 23261
Ion Ratio Lower Upper
64 100
66 32.3 23.9 35.9





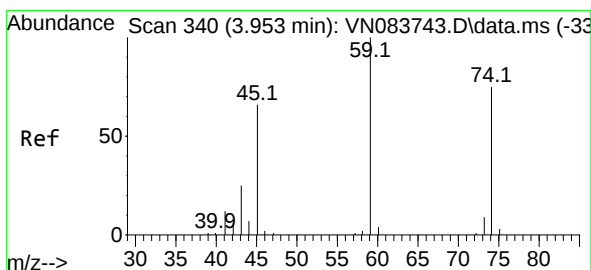
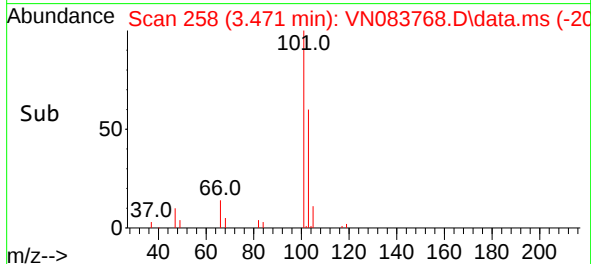
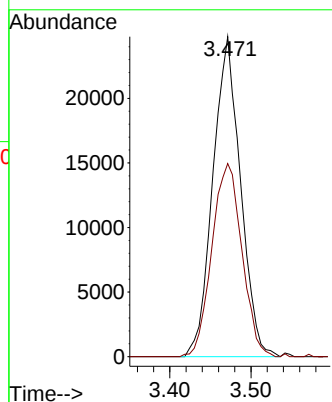
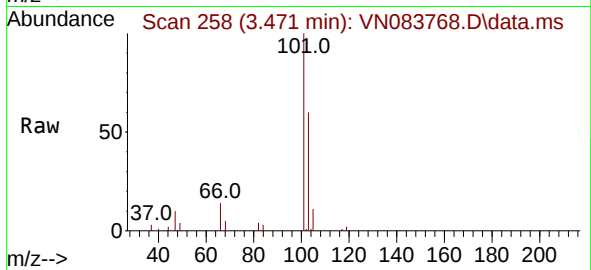
#7
 Trichlorofluoromethane
 Concen: 18.908 ug/l
 RT: 3.471 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VN083768.D
 Acq: 11 Sep 2024 03:39

Instrument :
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Tgt Ion:101 Resp: 5858
 Ion Ratio Lower Upper
 101 100
 103 60.4 51.4 77.0

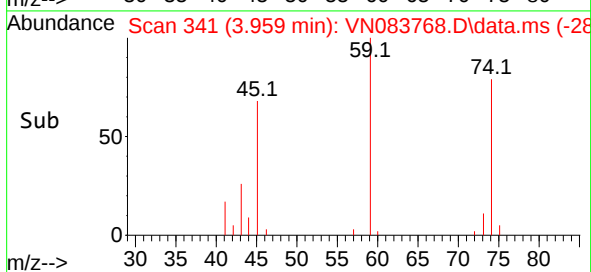
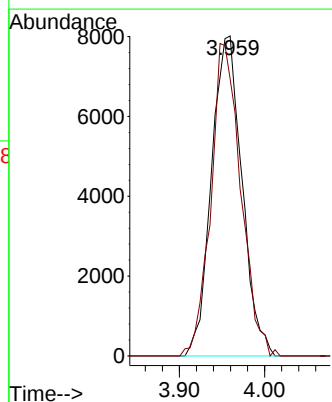
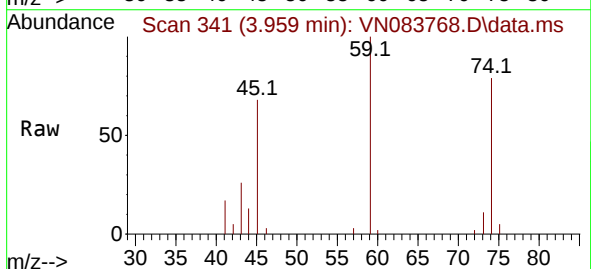
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#8
 Diethyl Ether
 Concen: 19.193 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN083768.D
 Acq: 11 Sep 2024 03:39

Tgt Ion: 74 Resp: 19933
 Ion Ratio Lower Upper
 74 100
 45 95.9 46.7 140.1





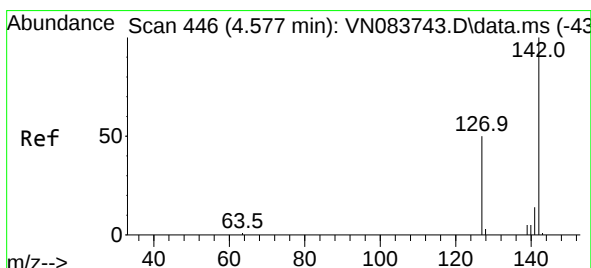
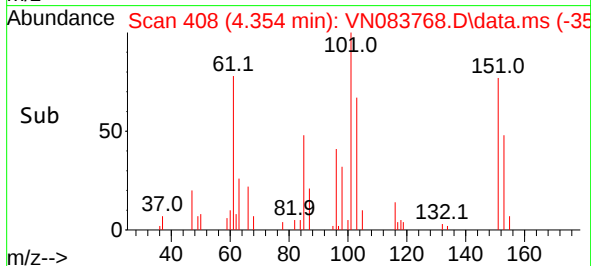
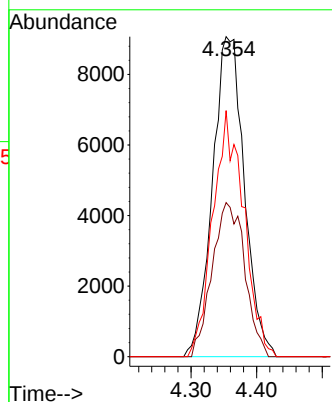
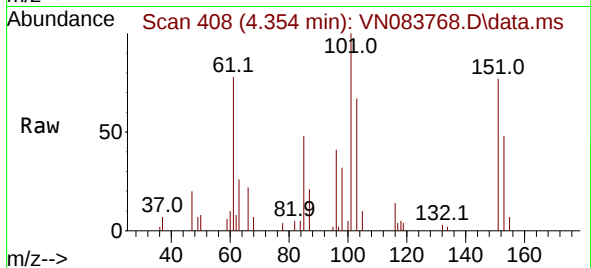
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.580 ug/l
RT: 4.354 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02

Tgt Ion:101 Resp: 3051
Ion Ratio Lower Upper
101 100
85 49.5 36.2 54.4
151 74.7 57.7 86.5

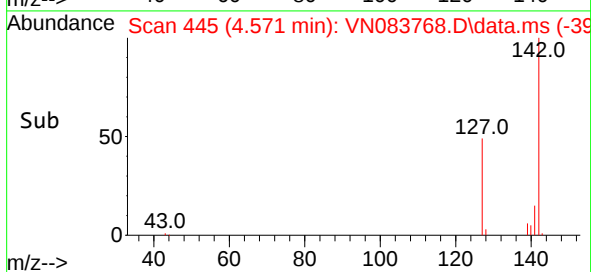
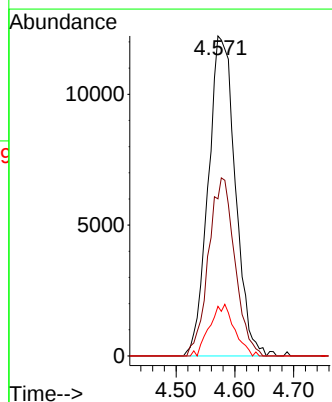
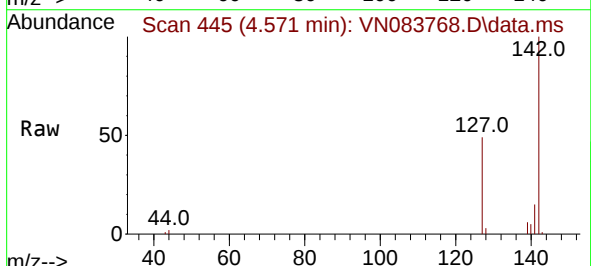
Manual Integrations
APPROVED

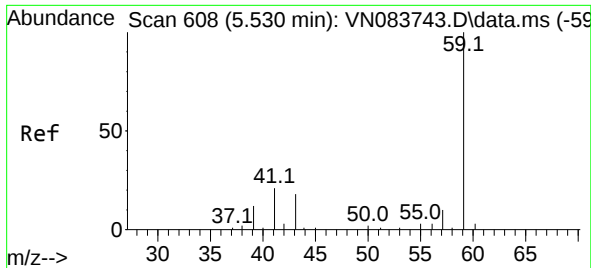
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#10
Methyl Iodide
Concen: 18.731 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

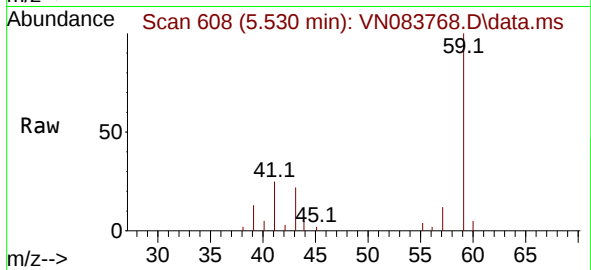
Tgt Ion:142 Resp: 39121
Ion Ratio Lower Upper
142 100
127 49.1 37.5 56.3
141 15.5 11.0 16.4





#11
Tert butyl alcohol
Concen: 95.544 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

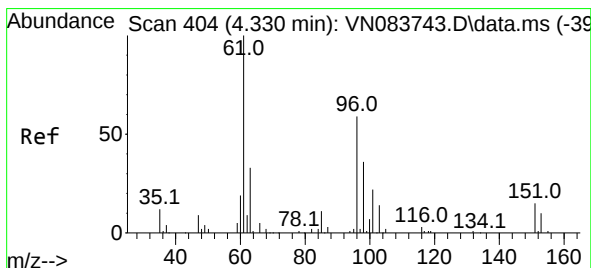
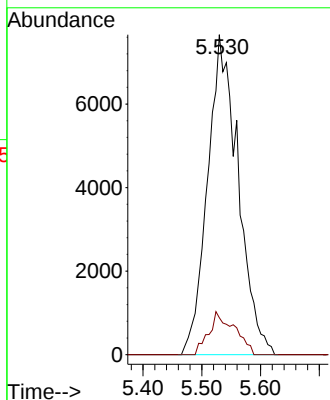
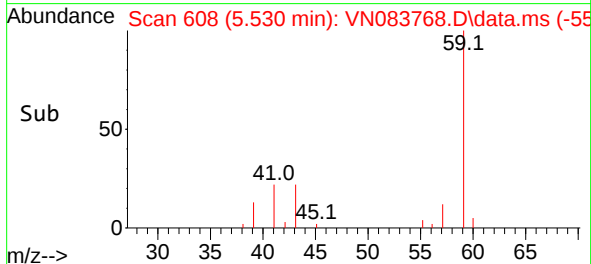
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



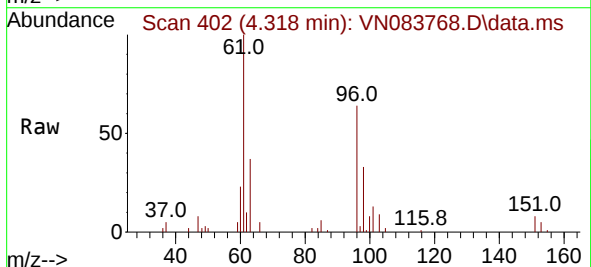
Tgt Ion: 59 Resp: 27662
Ion Ratio Lower Upper
59 100
57 11.3 8.7 13.1

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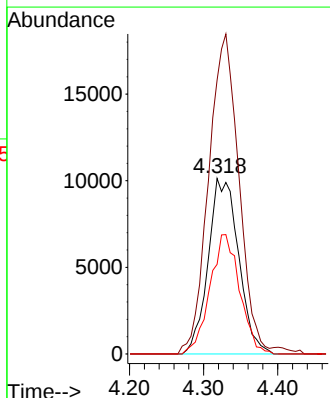
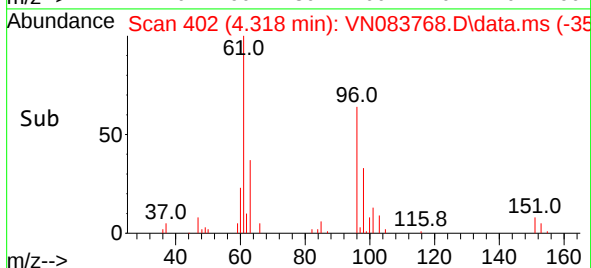
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

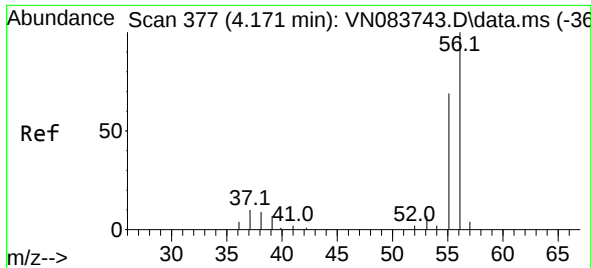


#12
1,1-Dichloroethene
Concen: 18.629 ug/l
RT: 4.318 min Scan# 402
Delta R.T. -0.012 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39



Tgt Ion: 96 Resp: 28891
Ion Ratio Lower Upper
96 100
61 156.0 143.4 215.0
98 51.1 52.7 79.1#





#13

Acrolein

Concen: 91.160 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBS02

Tgt Ion: 56 Resp: 2604

Ion Ratio Lower Upper

56 100

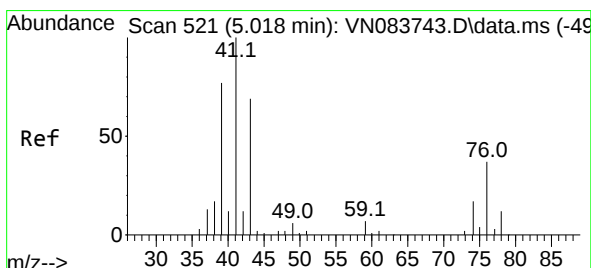
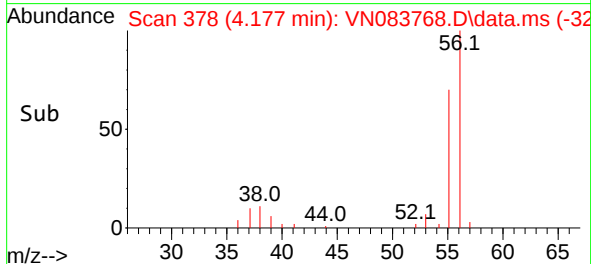
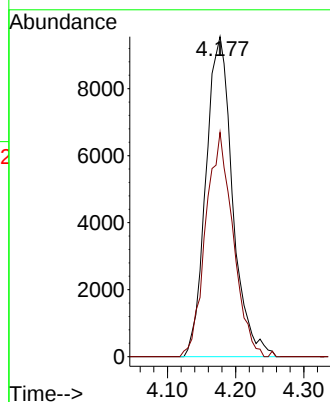
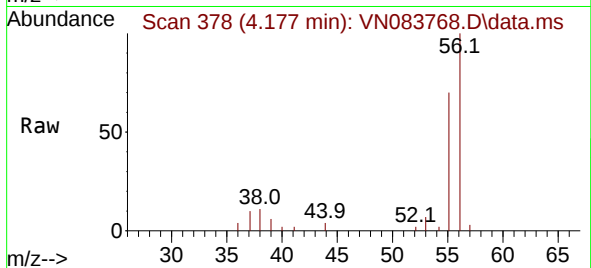
55 71.6 58.2 87.2

Manual Integrations

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Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#14

Allyl chloride

Concen: 18.856 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.006 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

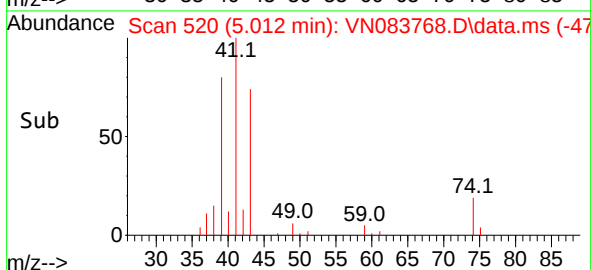
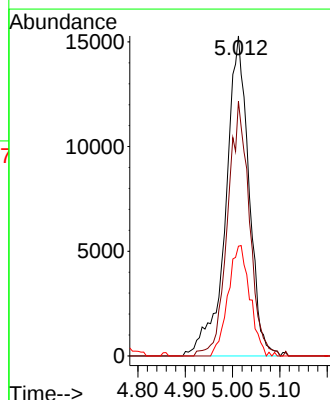
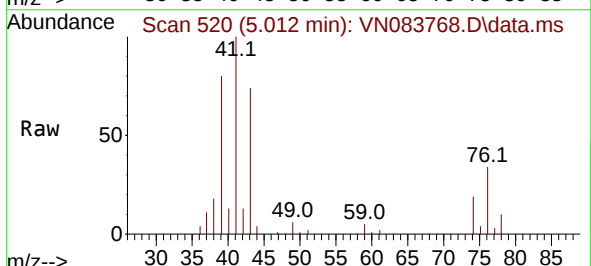
Tgt Ion: 41 Resp: 52108

Ion Ratio Lower Upper

41 100

39 74.8 59.3 88.9

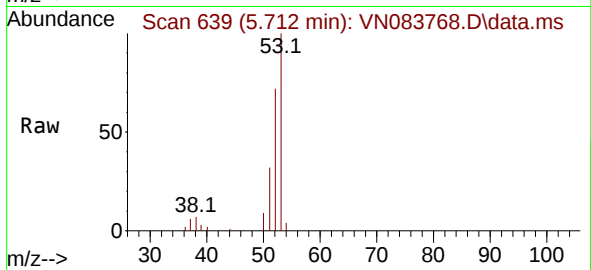
76 32.5 27.7 41.5





#15
Acrylonitrile
Concen: 98.187 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

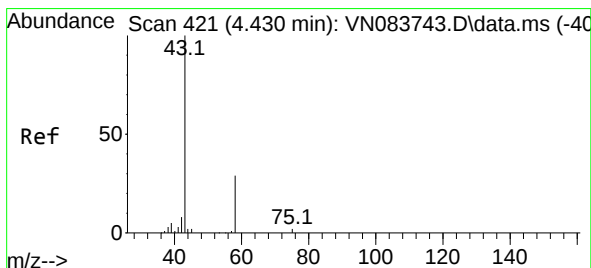
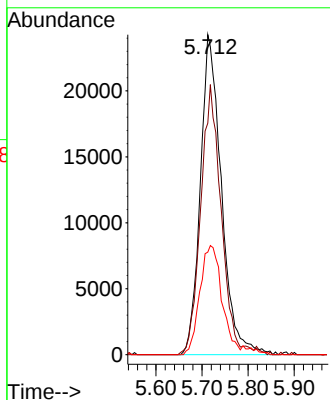
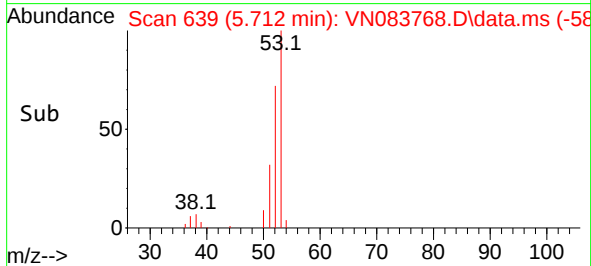
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



Tgt Ion: 53 Resp: 77308
Ion Ratio Lower Upper
53 100
52 81.8 66.1 99.1
51 35.8 29.6 44.4

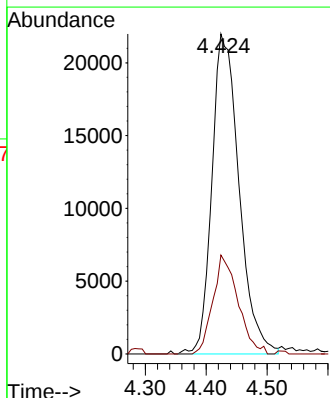
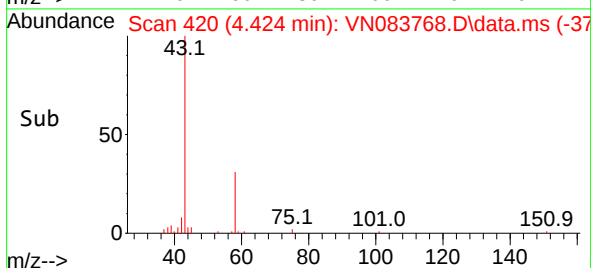
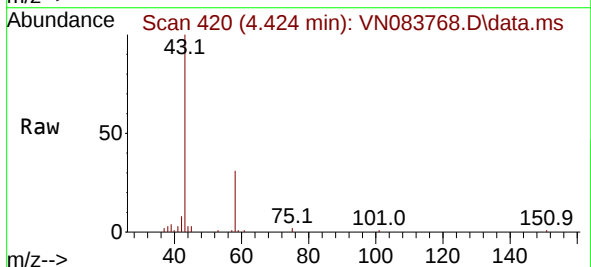
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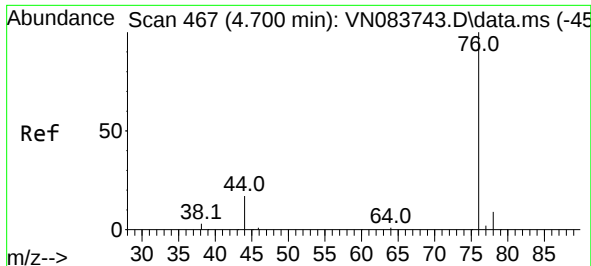
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#16
Acetone
Concen: 78.506 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

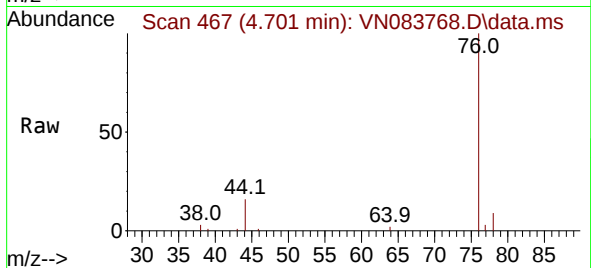
Tgt Ion: 43 Resp: 68043
Ion Ratio Lower Upper
43 100
58 30.9 23.7 35.5





#17
Carbon Disulfide
Concen: 17.672 ug/l
RT: 4.701 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

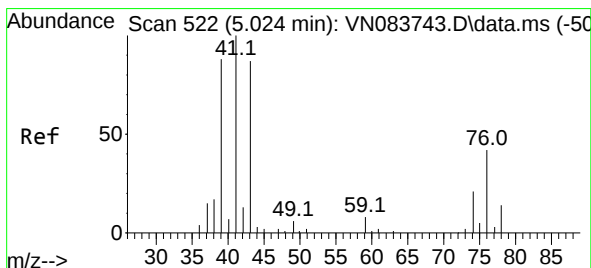
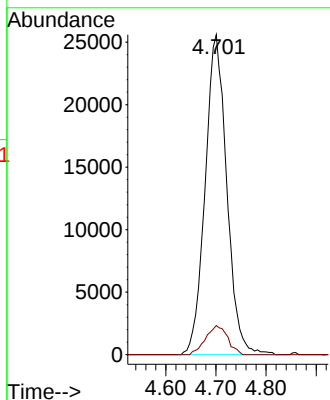
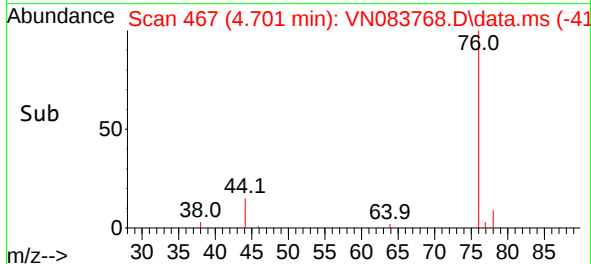
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



Tgt Ion: 76 Resp: 7666
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

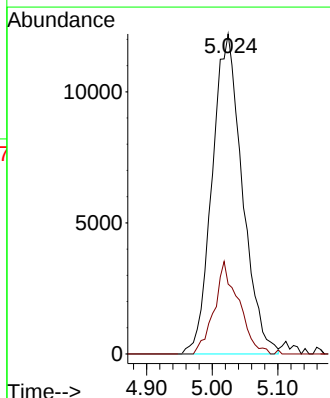
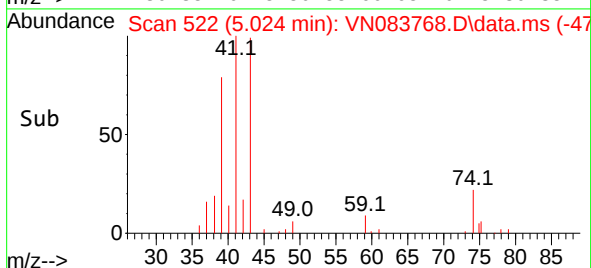
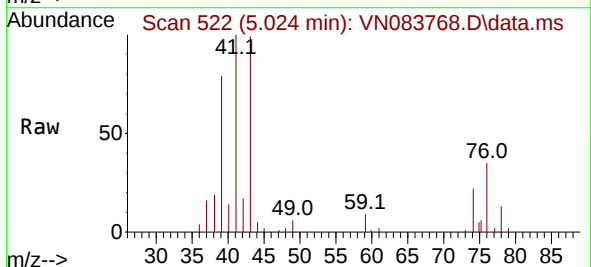
Manual Integrations
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Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#18
Methyl Acetate
Concen: 20.479 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Tgt Ion: 43 Resp: 38960
Ion Ratio Lower Upper
43 100
74 23.4 19.0 28.4





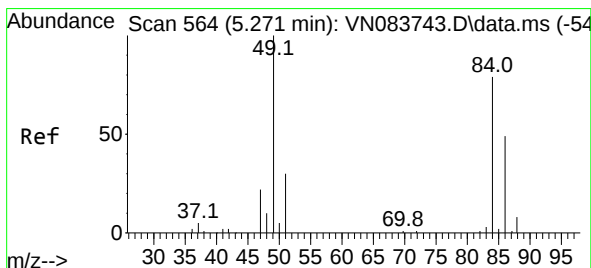
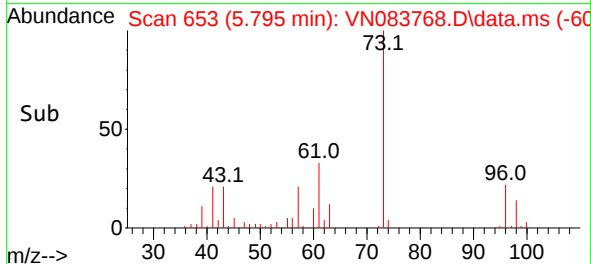
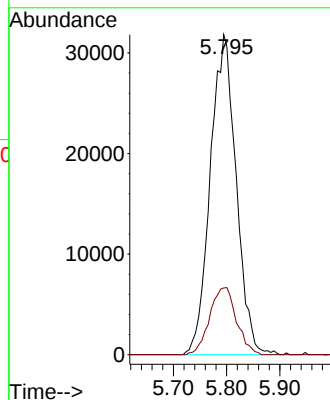
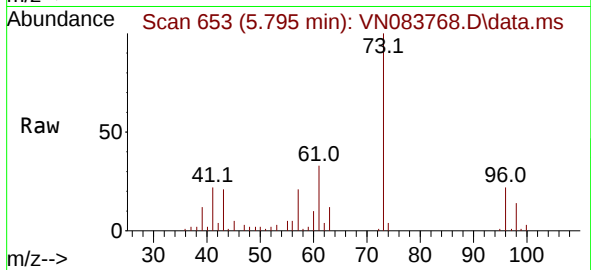
#19
Methyl tert-butyl Ether
Concen: 19.135 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02

Tgt Ion: 73 Resp: 10738
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.6

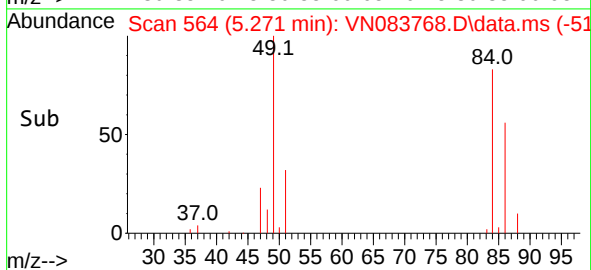
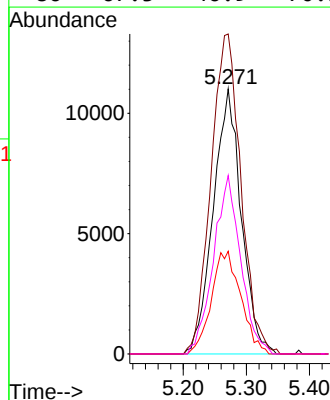
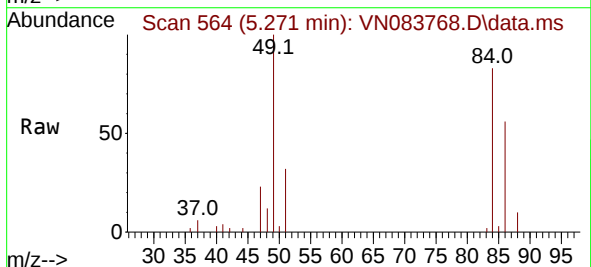
Manual Integrations
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Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#20
Methylene Chloride
Concen: 19.176 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

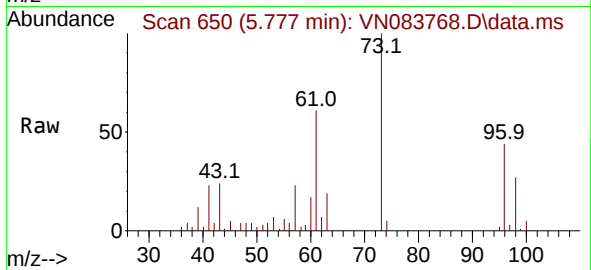
Tgt Ion: 84 Resp: 34011
Ion Ratio Lower Upper
84 100
49 120.7 93.4 140.0
51 38.7 29.2 43.8
86 67.3 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 18.227 ug/l
RT: 5.777 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

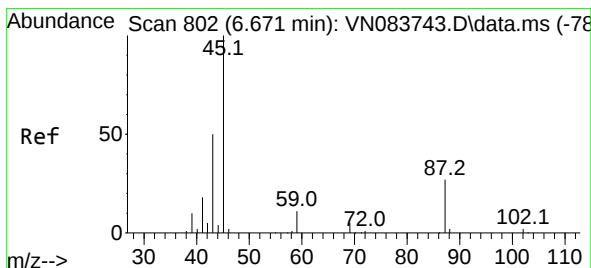
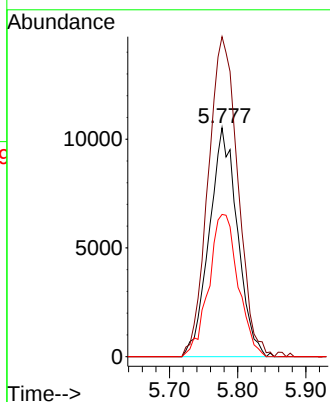
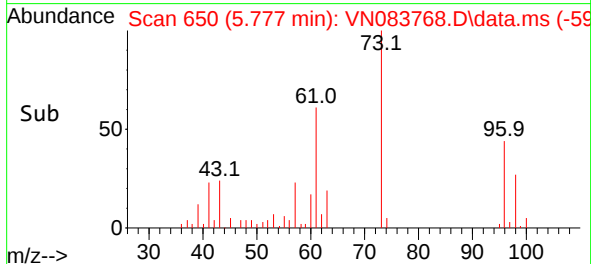
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



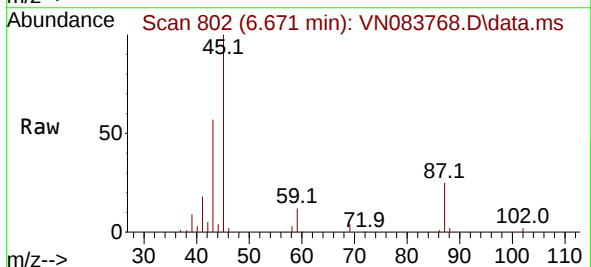
Tgt Ion: 96 Resp: 30294
Ion Ratio Lower Upper
96 100
61 139.8 106.0 159.0
98 62.1 52.2 78.2

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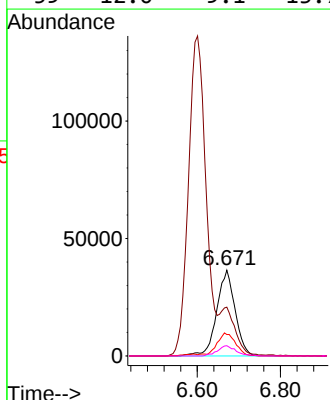
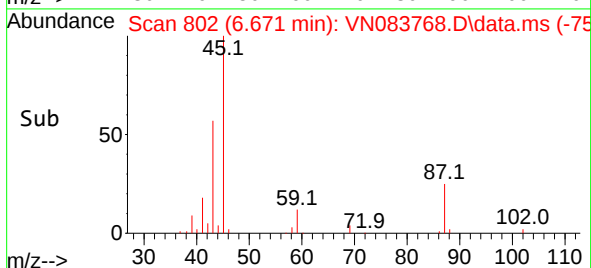
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

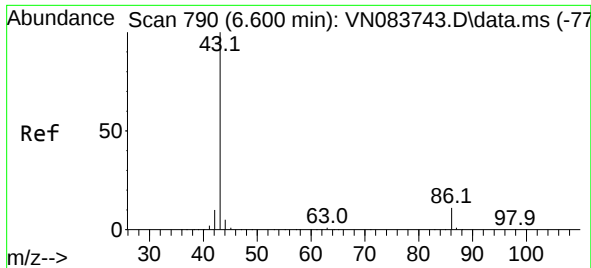


#22
Diisopropyl ether
Concen: 19.810 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39



Tgt Ion: 45 Resp: 112691
Ion Ratio Lower Upper
45 100
43 56.3 43.4 65.0
87 24.9 22.6 33.8
59 12.0 9.1 13.7





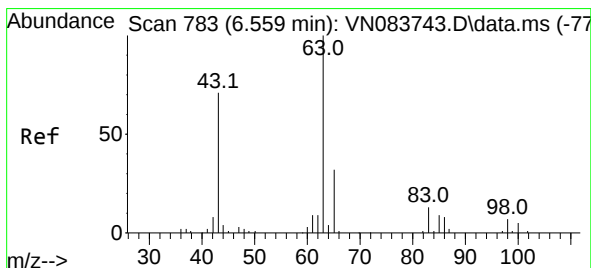
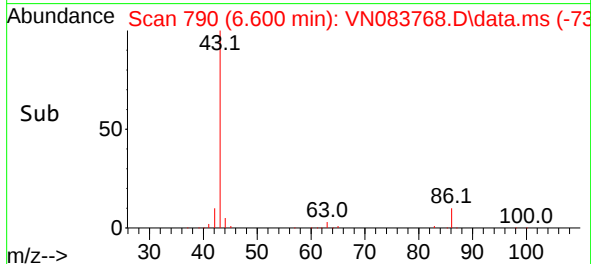
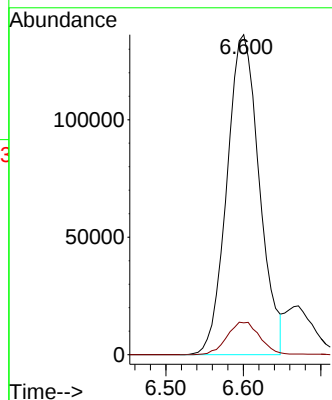
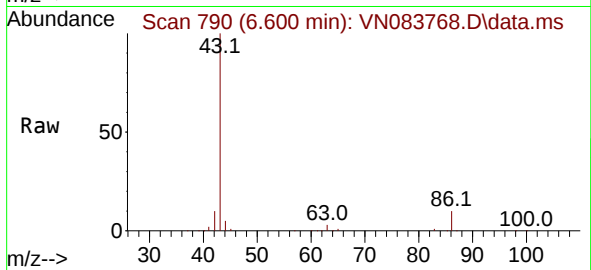
#23
 Vinyl Acetate
 Concen: 95.314 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083768.D
 Acq: 11 Sep 2024 03:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBS02

Tgt Ion: 43 Resp: 397068
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.7 13.1

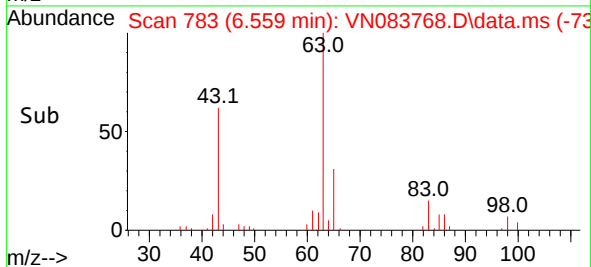
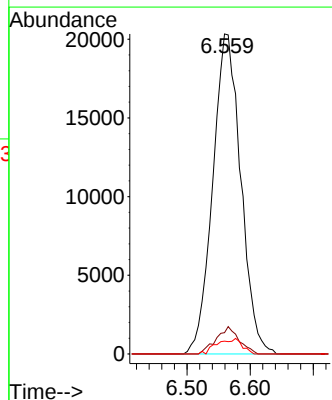
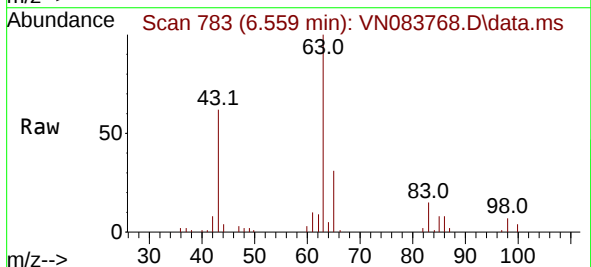
Manual Integrations
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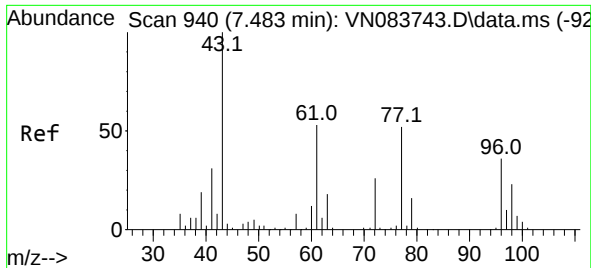
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#24
 1,1-Dichloroethane
 Concen: 19.137 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: VN083768.D
 Acq: 11 Sep 2024 03:39

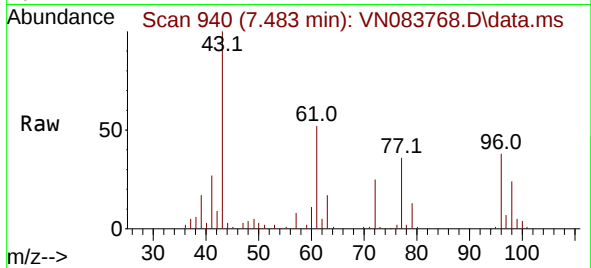
Tgt Ion: 63 Resp: 62720
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.0 2.5 7.5





#25
2-Butanone
Concen: 92.267 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

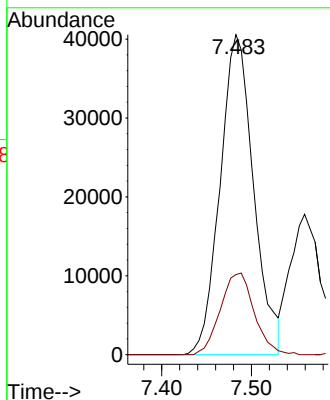
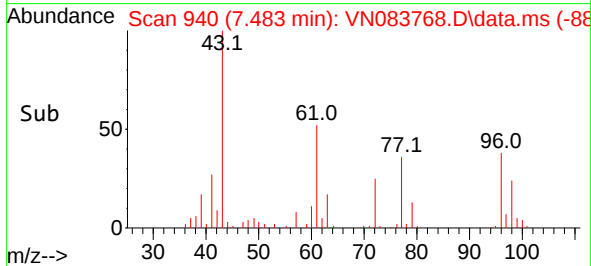
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



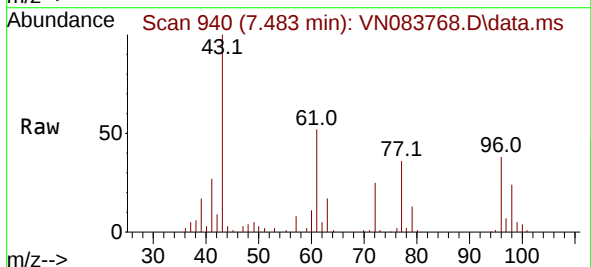
Tgt Ion: 43 Resp: 105108
Ion Ratio Lower Upper
43 100
72 25.0 20.8 31.2

Manual Integrations
APPROVED

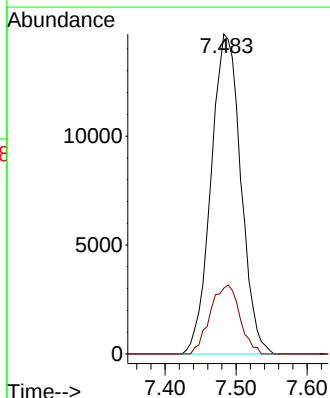
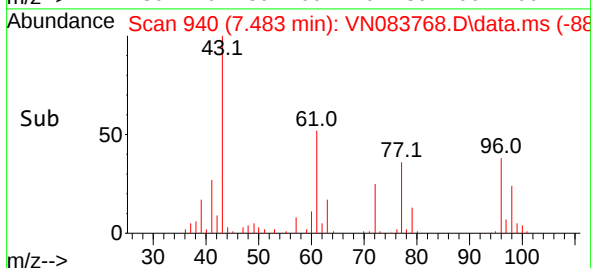
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#26
2,2-Dichloropropane
Concen: 14.175 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39



Tgt Ion: 77 Resp: 42783
Ion Ratio Lower Upper
77 100
97 21.4 10.2 30.4





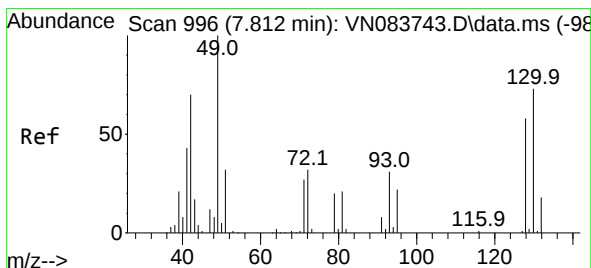
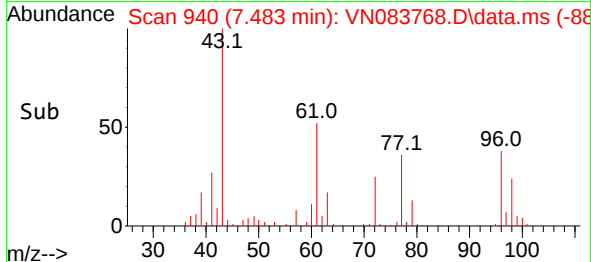
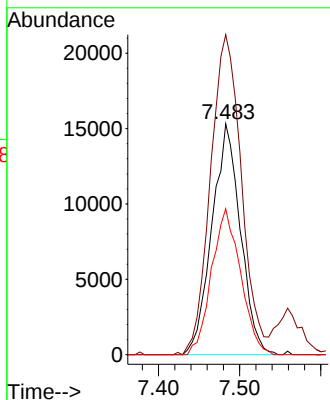
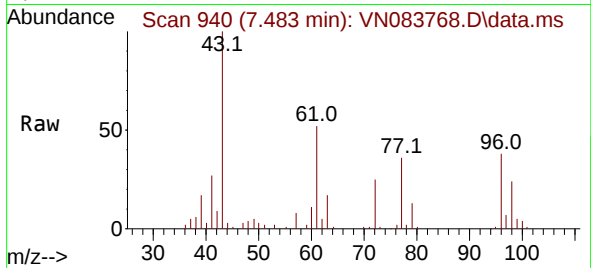
#27
 cis-1,2-Dichloroethene
 Concen: 18.946 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083768.D
 Acq: 11 Sep 2024 03:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBS02

Tgt Ion: 96 Resp: 37380
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 306.2
 98 64.3 0.0 128.6

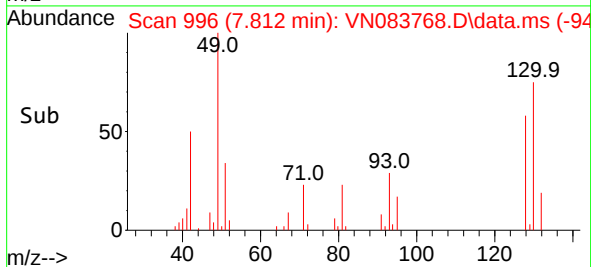
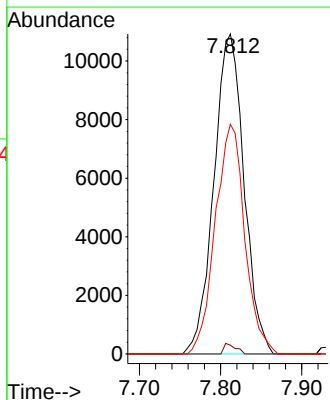
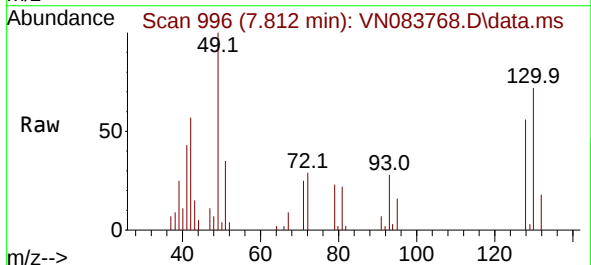
Manual Integrations
 APPROVED

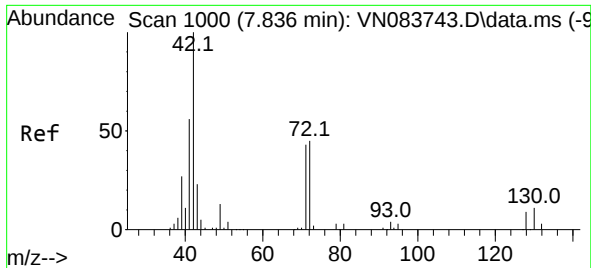
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#28
 Bromochloromethane
 Concen: 20.418 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083768.D
 Acq: 11 Sep 2024 03:39

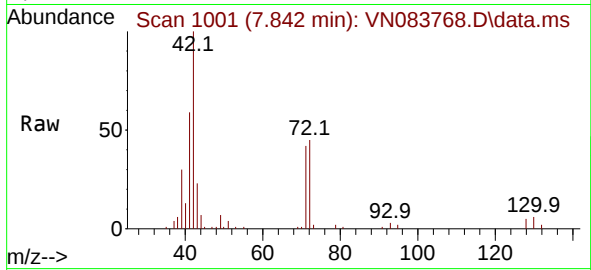
Tgt Ion: 49 Resp: 28180
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.4
 130 70.2 60.2 90.2





#29
Tetrahydrofuran
Concen: 97.994 ug/l
RT: 7.842 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

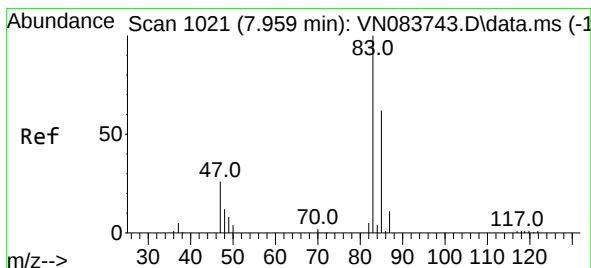
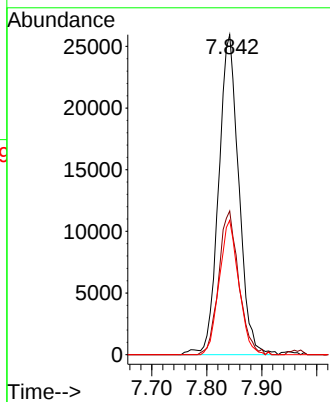
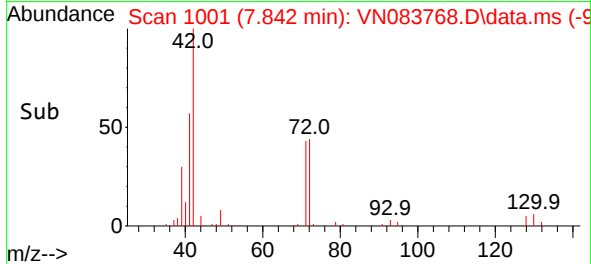
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



Tgt Ion: 42 Resp: 6600
Ion Ratio Lower Upper
42 100
72 44.8 35.9 53.9
71 40.7 33.9 50.9

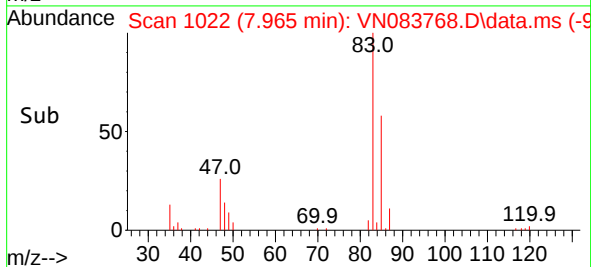
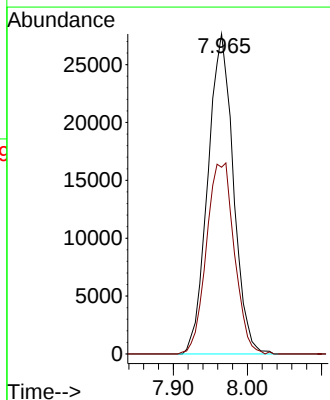
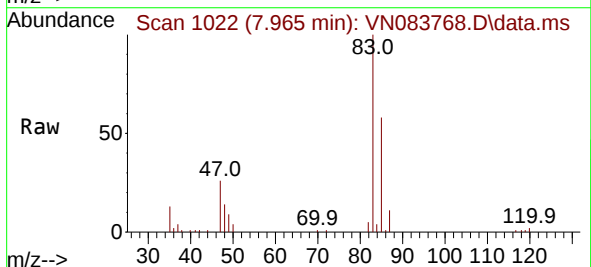
Manual Integrations
APPROVED

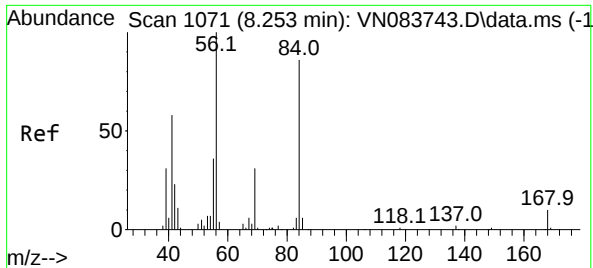
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#30
Chloroform
Concen: 19.023 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

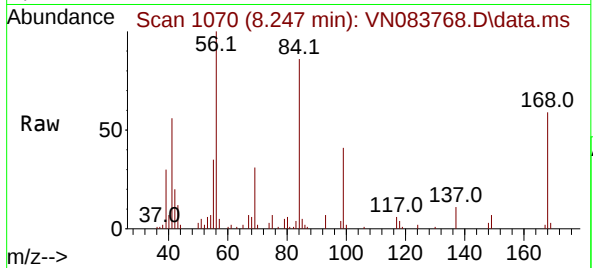
Tgt Ion: 83 Resp: 66187
Ion Ratio Lower Upper
83 100
85 58.4 52.8 79.2





#31
Cyclohexane
Concen: 18.464 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

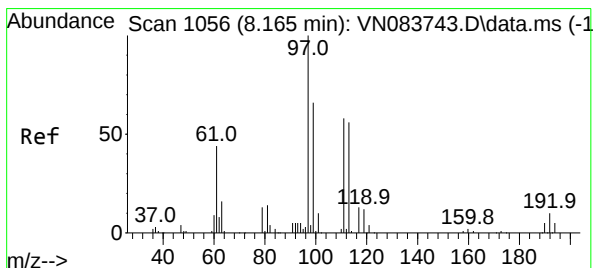
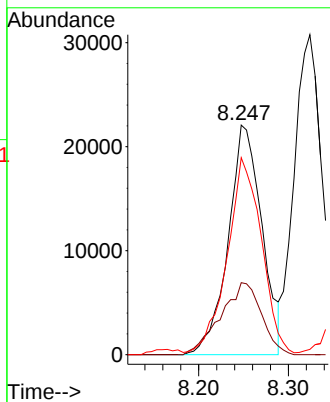
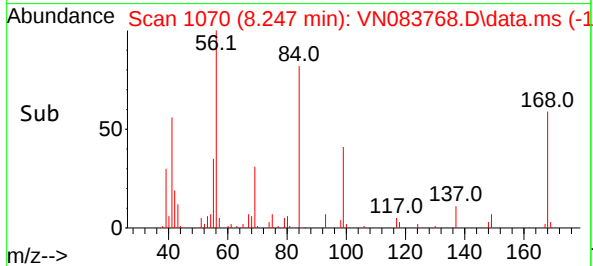
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



Tgt Ion: 56 Resp: 5769
Ion Ratio Lower Upper
56 100
69 31.3 26.9 40.3
84 83.7 69.2 103.8

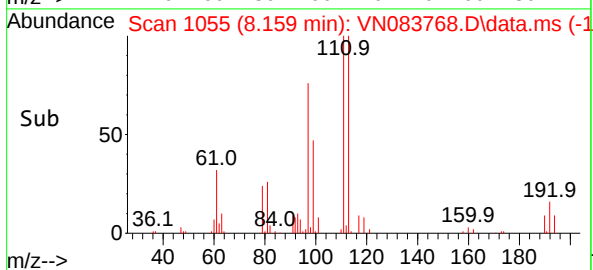
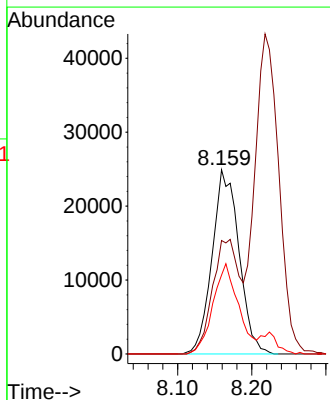
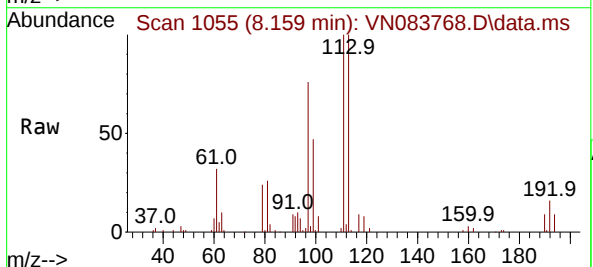
Manual Integrations
APPROVED

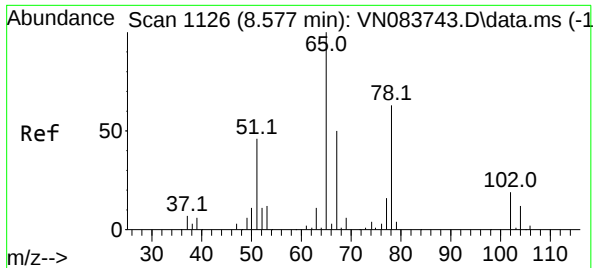
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#32
1,1,1-Trichloroethane
Concen: 19.575 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

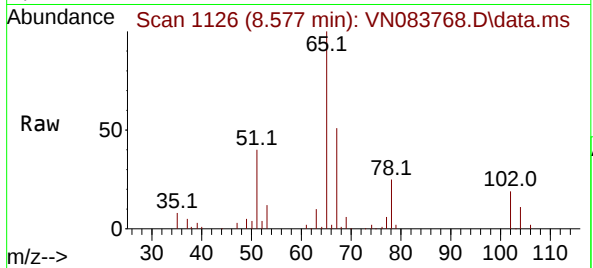
Tgt Ion: 97 Resp: 62627
Ion Ratio Lower Upper
97 100
99 62.7 52.3 78.5
61 47.0 38.2 57.2





#33
 1,2-Dichloroethane-d4
 Concen: 52.208 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN083768.D
 Acq: 11 Sep 2024 03:39

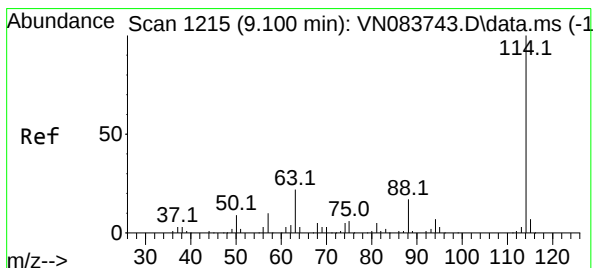
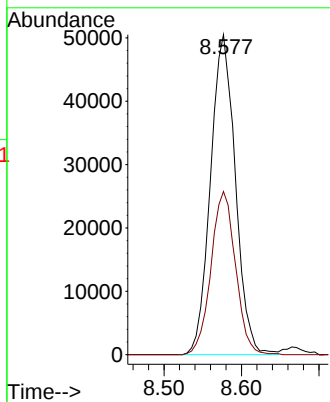
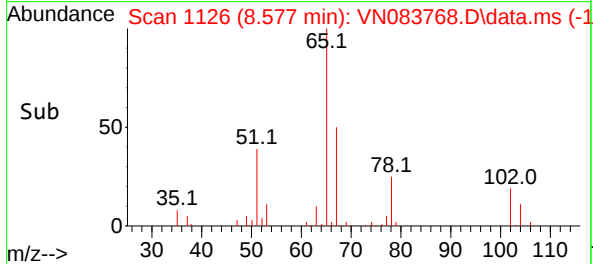
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBS02



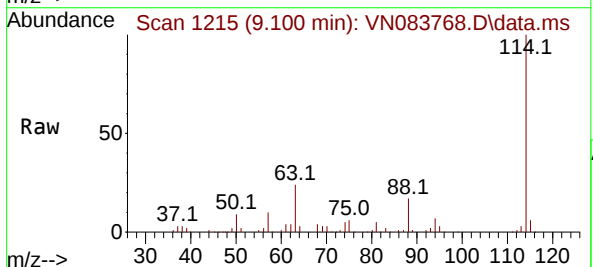
Tgt Ion: 65 Resp: 112878
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 100.8

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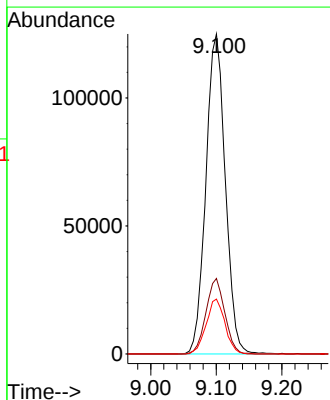
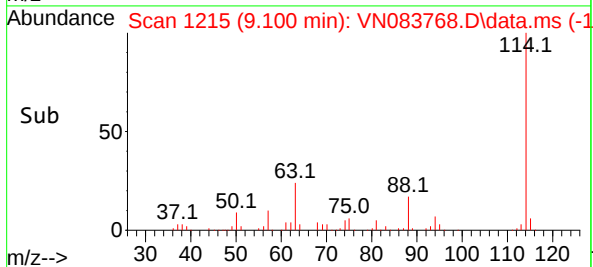
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024

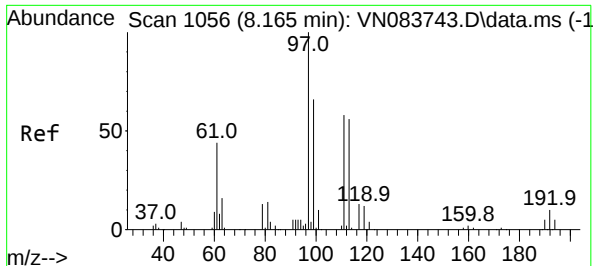


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083768.D
 Acq: 11 Sep 2024 03:39



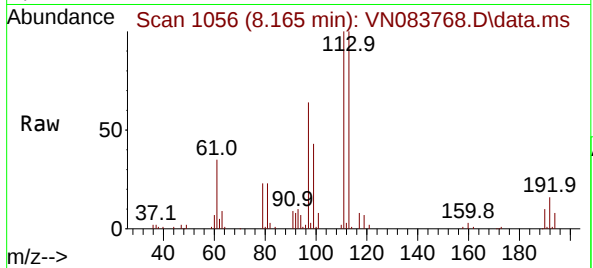
Tgt Ion:114 Resp: 257368
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 43.4
 88 17.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.126 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

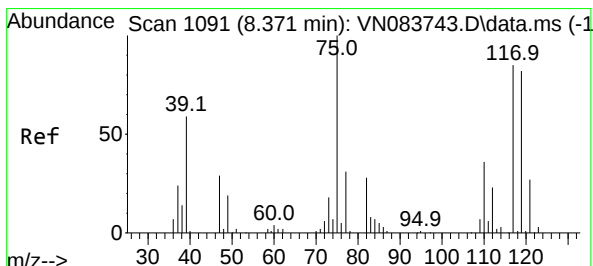
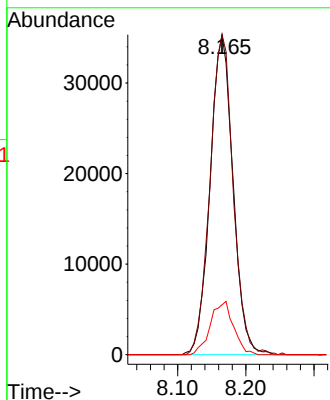
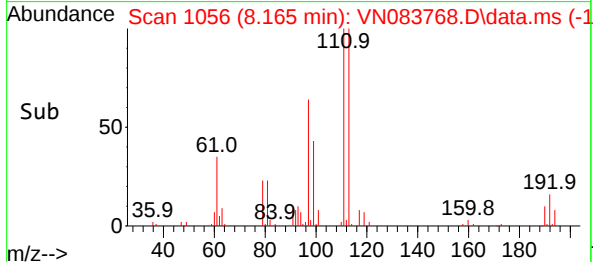
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



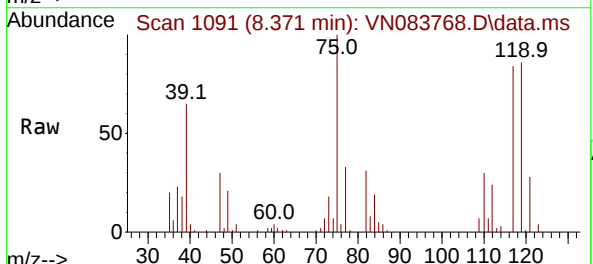
Tgt Ion:113 Resp: 82589
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 16.8 14.3 21.5

Manual Integrations
APPROVED

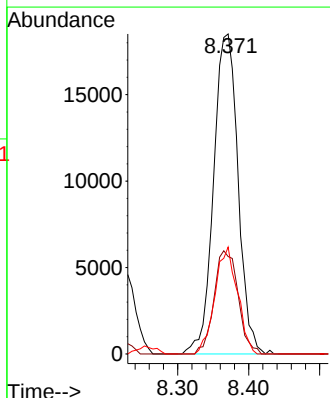
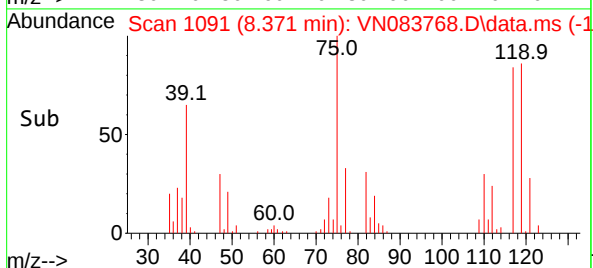
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

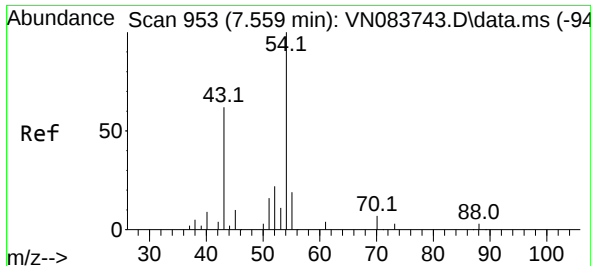


#36
1,1-Dichloropropene
Concen: 17.841 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39



Tgt Ion: 75 Resp: 44245
Ion Ratio Lower Upper
75 100
110 31.7 16.7 50.1
77 30.8 25.2 37.8





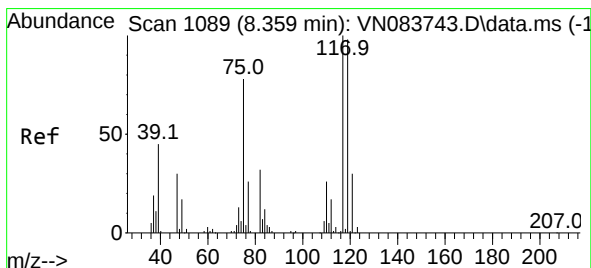
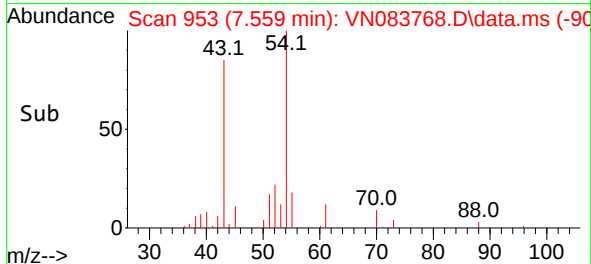
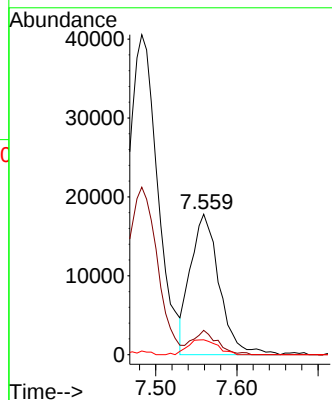
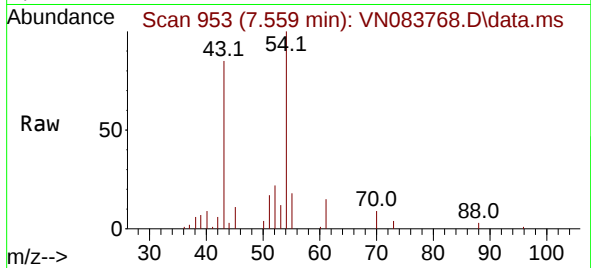
#37
Ethyl Acetate
Concen: 19.525 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02

Tgt Ion: 43 Resp: 4395
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 11.0 8.8 13.2

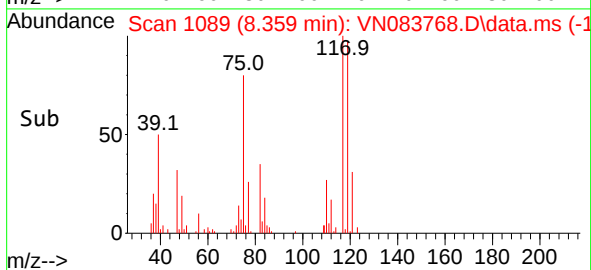
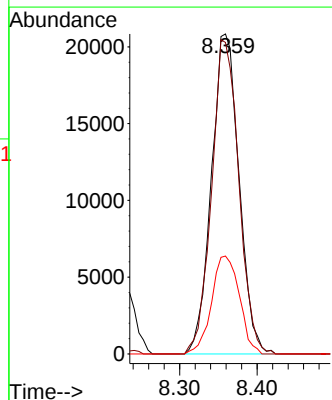
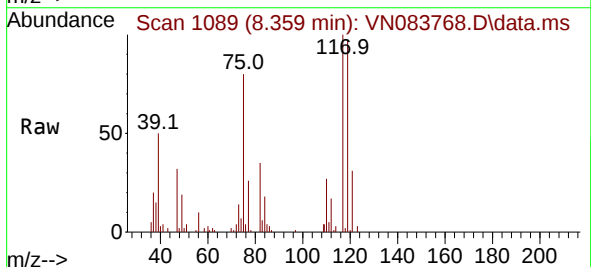
Manual Integrations
APPROVED

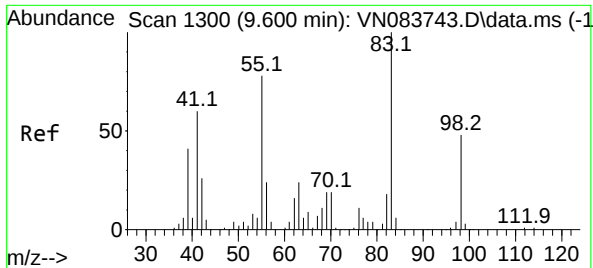
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#38
Carbon Tetrachloride
Concen: 18.335 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

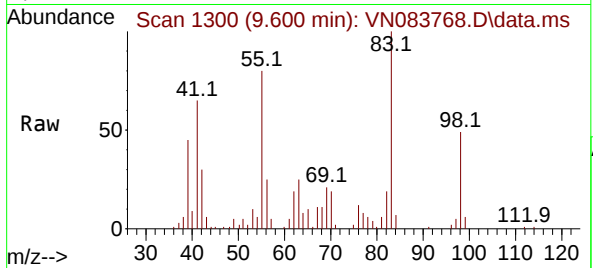
Tgt Ion:117 Resp: 51584
Ion Ratio Lower Upper
117 100
119 97.4 76.1 114.1
121 30.6 24.1 36.1





#39
Methylcyclohexane
Concen: 17.670 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

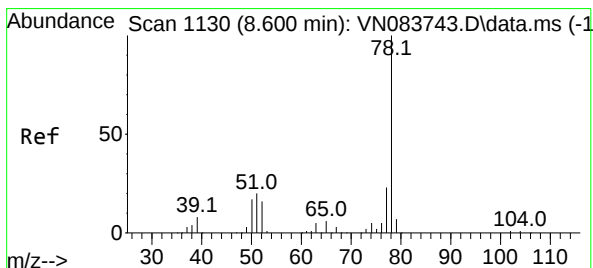
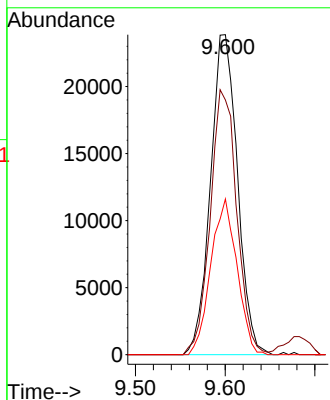
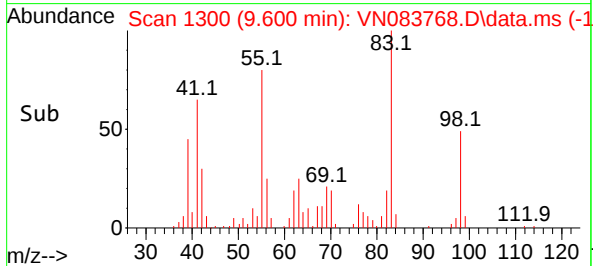
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



Tgt Ion: 83 Resp: 4987
Ion Ratio Lower Upper
83 100
55 79.6 62.2 93.4
98 48.6 37.6 56.4

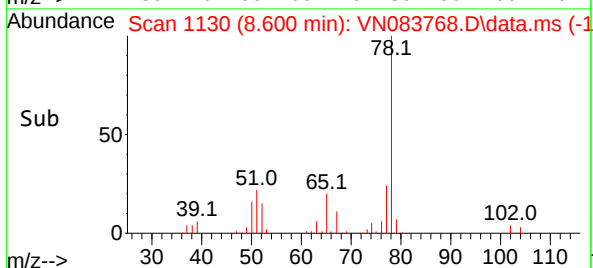
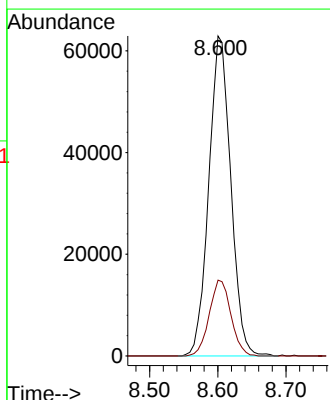
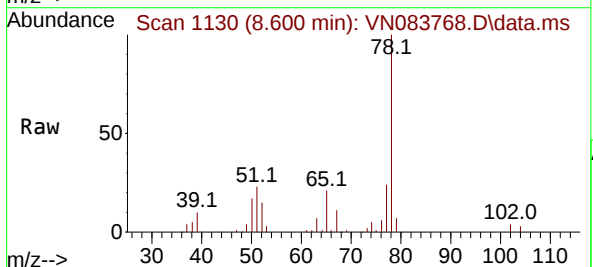
Manual Integrations
APPROVED

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



#40
Benzene
Concen: 18.898 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

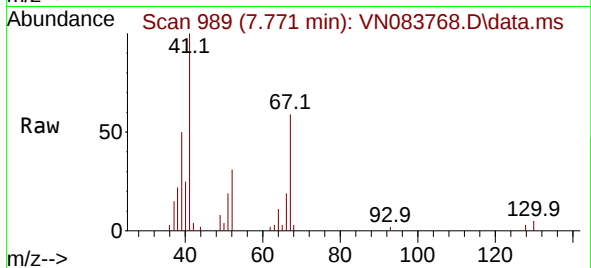
Tgt Ion: 78 Resp: 141057
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 19.568 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

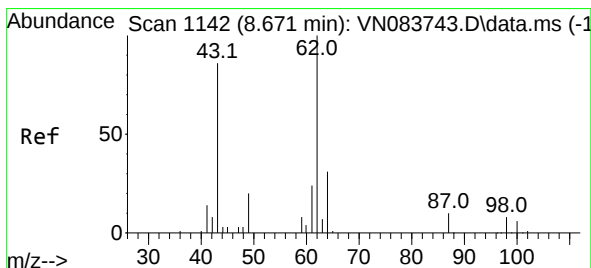
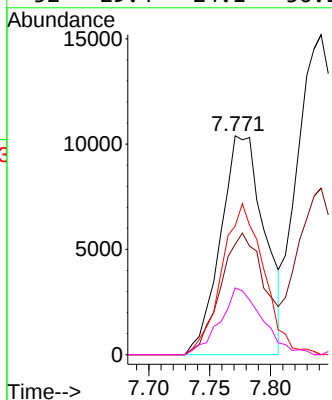
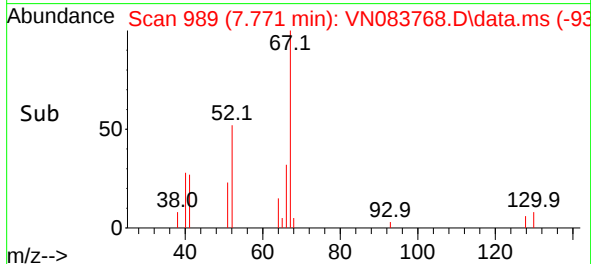
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



Tgt Ion: 41 Resp: 2605
Ion Ratio Lower Upper
41 100
39 56.0 45.4 68.2
67 66.1 55.9 83.9
52 29.4 24.1 36.1

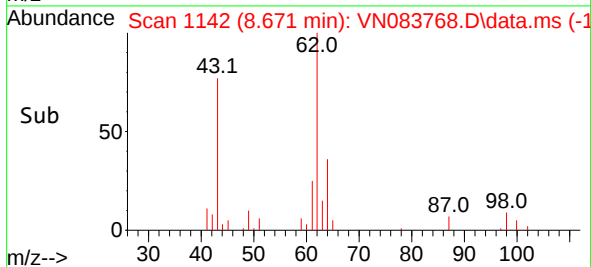
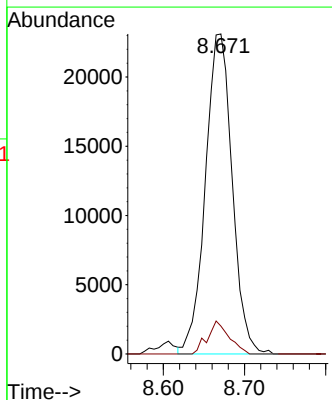
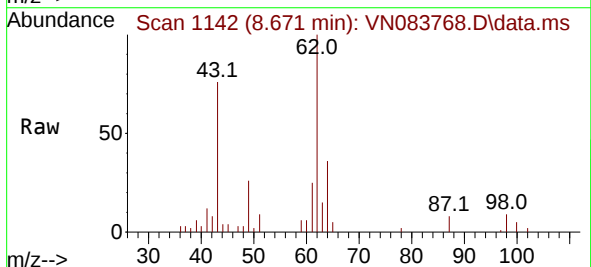
Manual Integrations
APPROVED

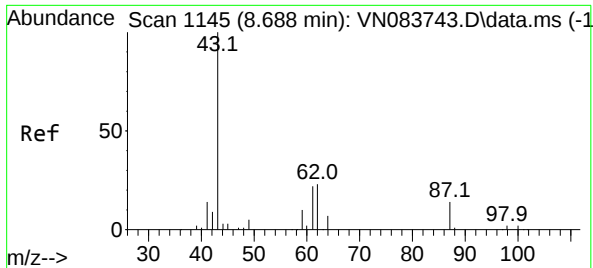
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#42
1,2-Dichloroethane
Concen: 19.024 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Tgt Ion: 62 Resp: 53060
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.6





#43

Isopropyl Acetate

Concen: 19.683 ug/l

RT: 8.689 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBS02

Tgt Ion: 43 Resp: 80290

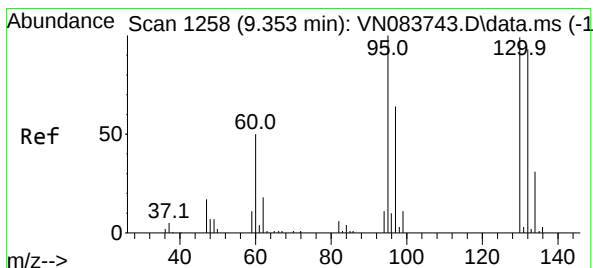
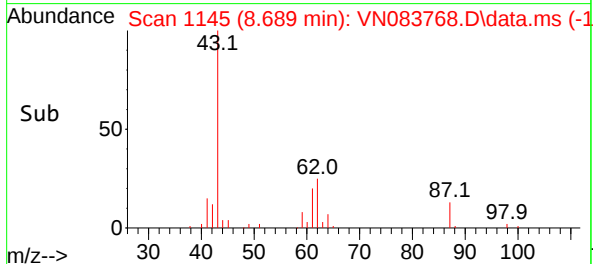
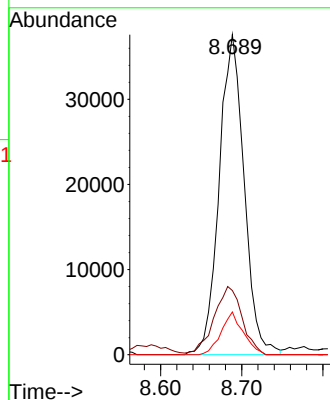
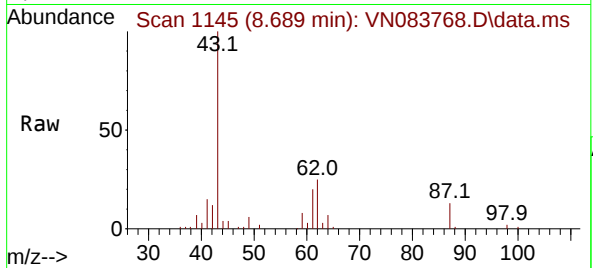
Ion	Ratio	Lower	Upper
43	100		
61	23.9	19.4	29.0
87	11.8	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#44

Trichloroethene

Concen: 18.145 ug/l

RT: 9.353 min Scan# 1258

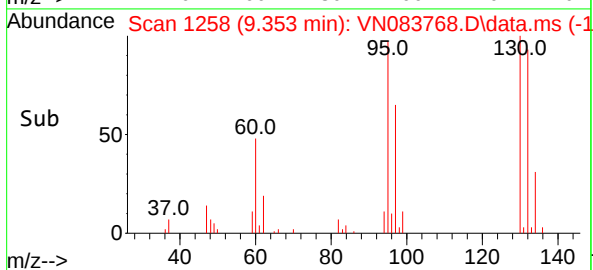
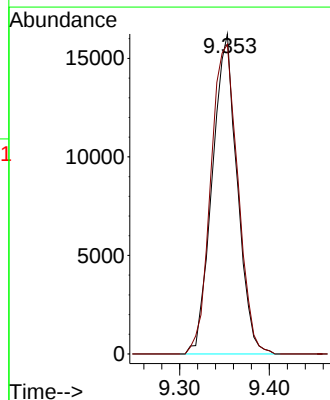
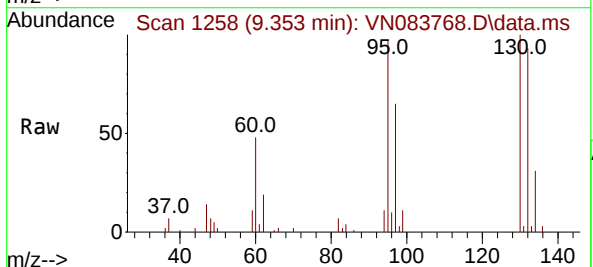
Delta R.T. 0.000 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Tgt Ion:130 Resp: 31364

Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	200.4





#45

1,2-Dichloropropane

Concen: 18.924 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBS02

Tgt Ion: 63 Resp: 34140

Ion Ratio Lower Upper

63 100

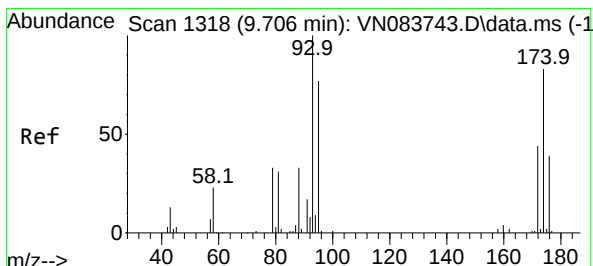
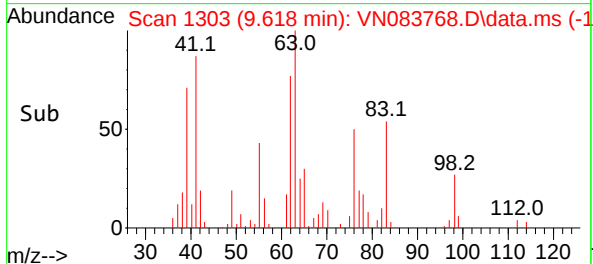
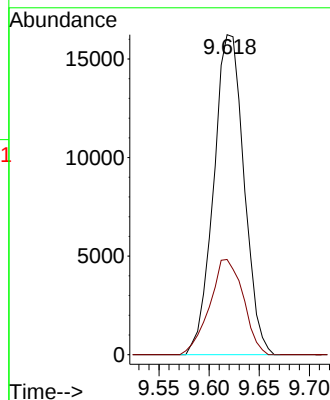
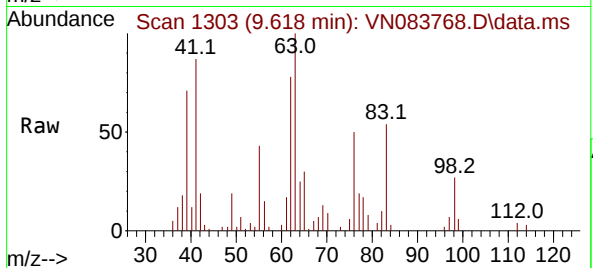
65 29.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#46

Dibromomethane

Concen: 19.371 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

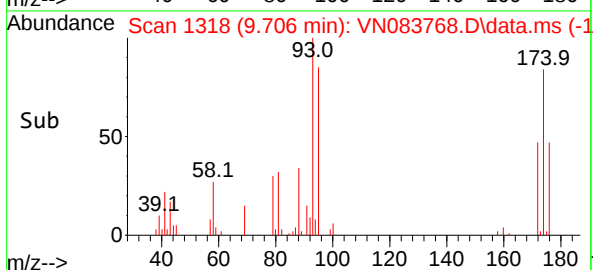
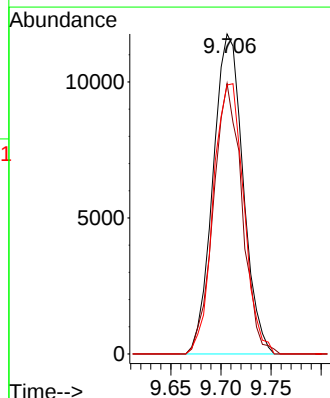
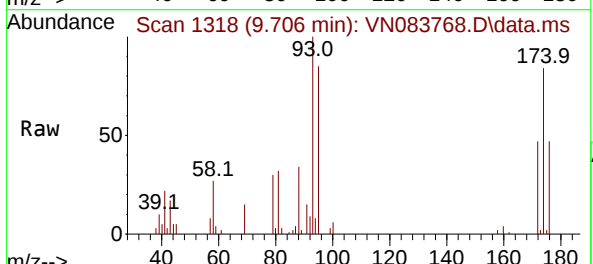
Tgt Ion: 93 Resp: 24478

Ion Ratio Lower Upper

93 100

95 80.6 65.3 97.9

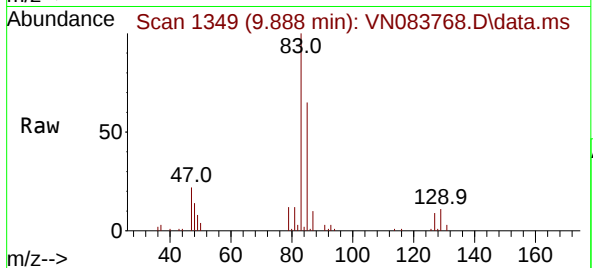
174 85.4 71.0 106.4





#47
Bromodichloromethane
Concen: 18.986 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

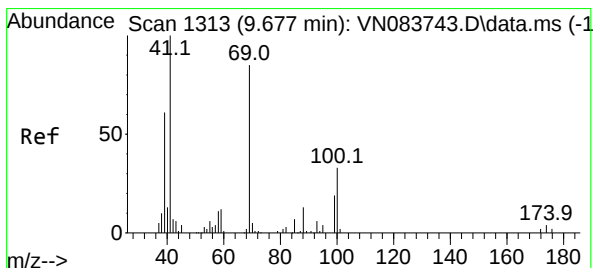
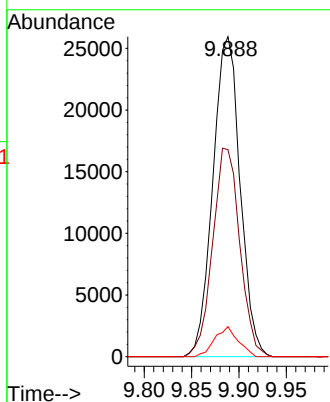
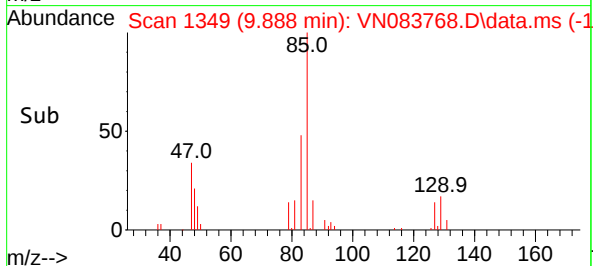
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



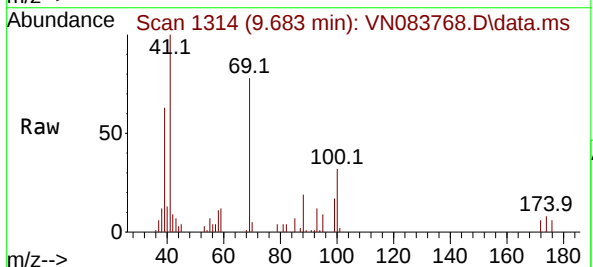
Tgt Ion: 83 Resp: 5192
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.8
127 9.4 6.6 9.8

Manual Integrations
APPROVED

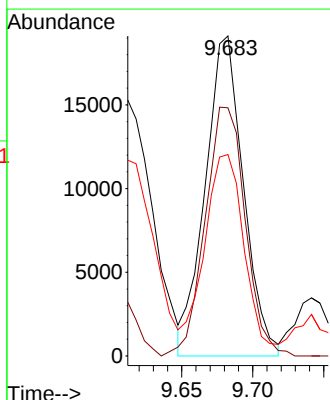
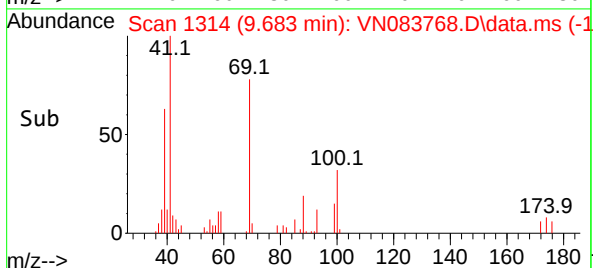
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#48
Methyl methacrylate
Concen: 18.508 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39



Tgt Ion: 41 Resp: 35820
Ion Ratio Lower Upper
41 100
69 81.5 64.3 96.5
39 66.2 48.9 73.3





#49

1,4-Dioxane

Concen: 361.588 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBS02

Tgt Ion: 88 Resp: 1151

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

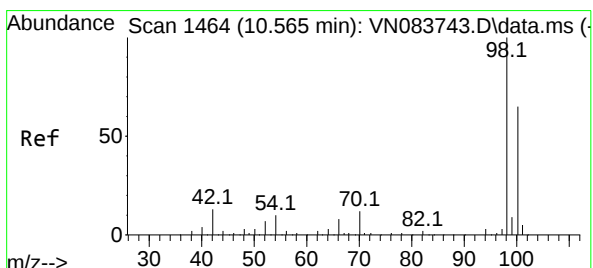
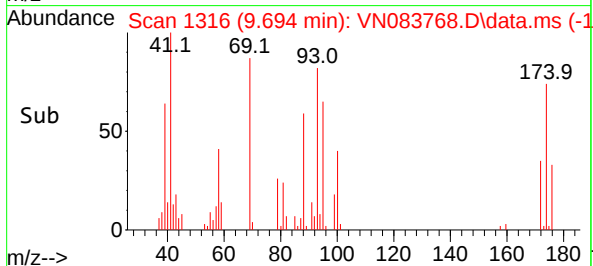
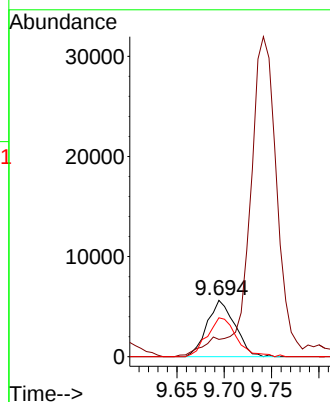
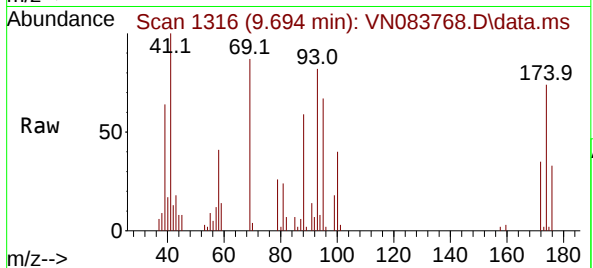
58 72.7 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#50

Toluene-d8

Concen: 50.765 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083768.D

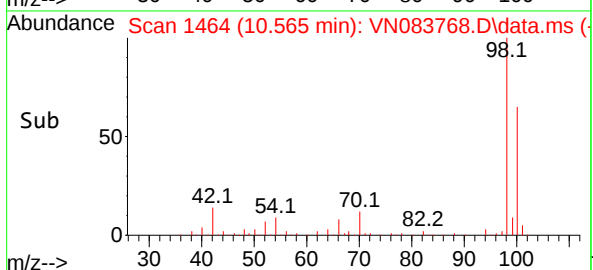
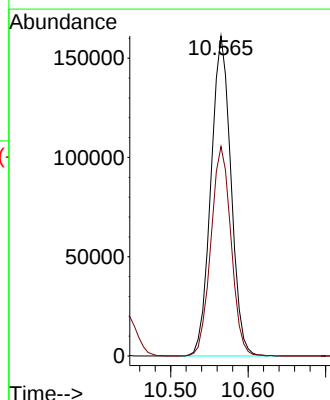
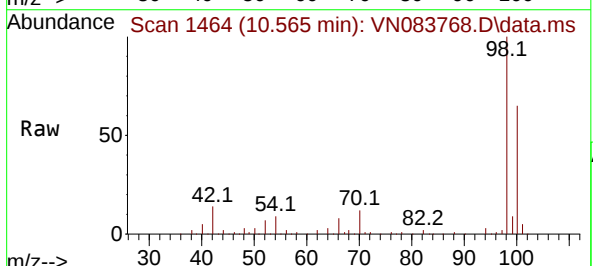
Acq: 11 Sep 2024 03:39

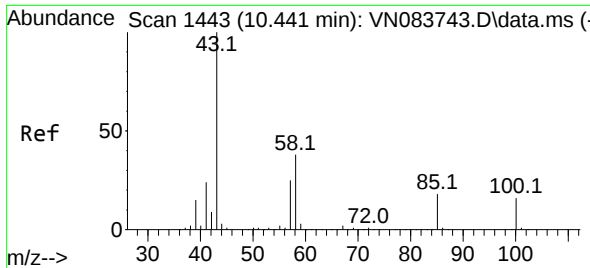
Tgt Ion: 98 Resp: 289156

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0





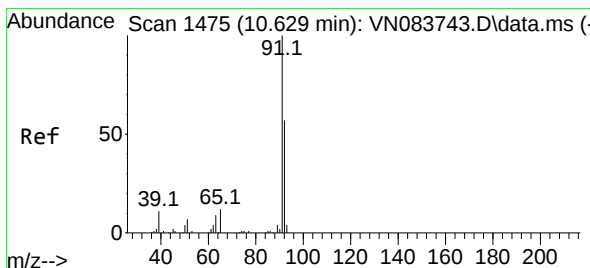
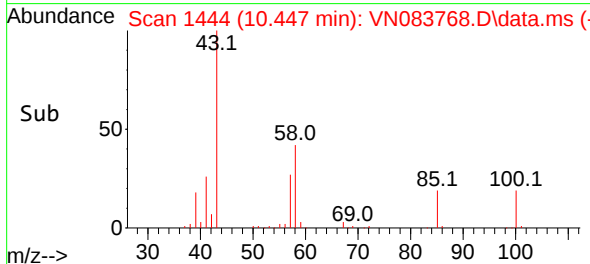
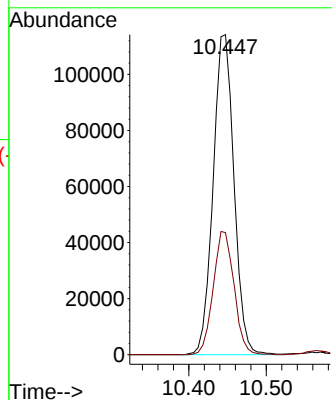
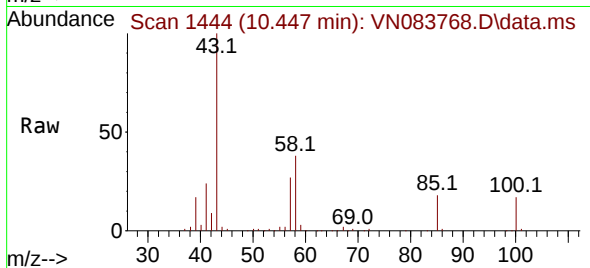
#51
4-Methyl-2-Pentanone
Concen: 96.339 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02

Tgt Ion: 43 Resp: 21392
Ion Ratio Lower Upper
43 100
58 38.3 31.6 47.4

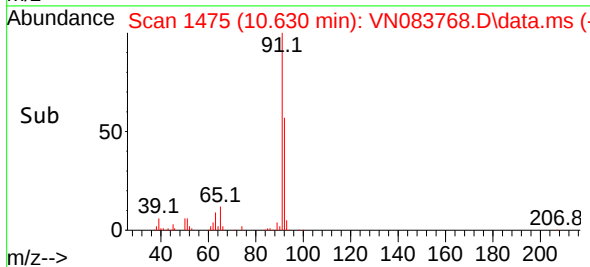
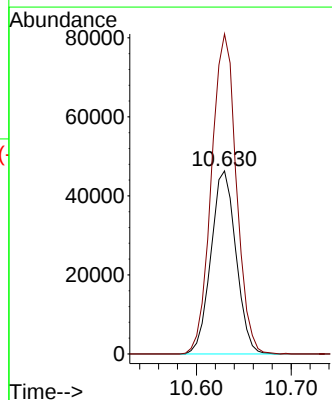
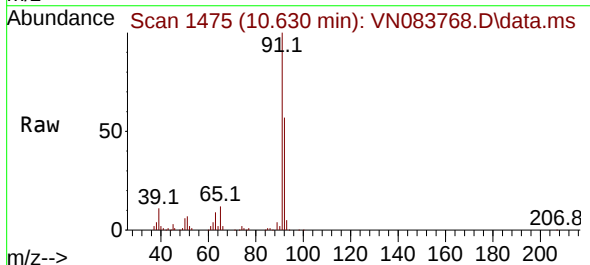
Manual Integrations
APPROVED

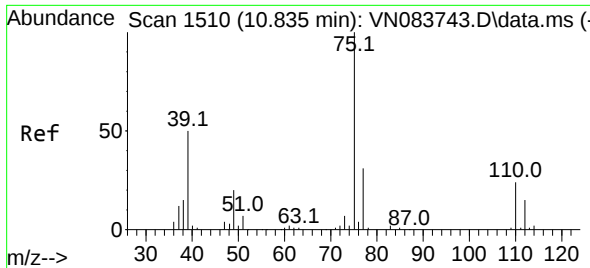
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#52
Toluene
Concen: 18.577 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

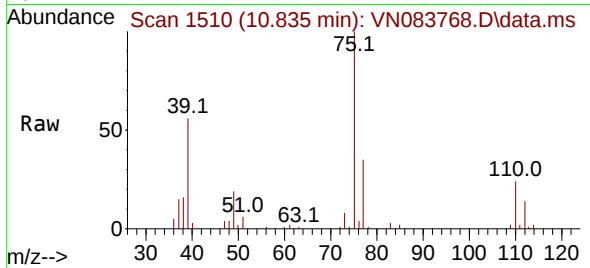
Tgt Ion: 92 Resp: 84819
Ion Ratio Lower Upper
92 100
91 174.6 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 17.092 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

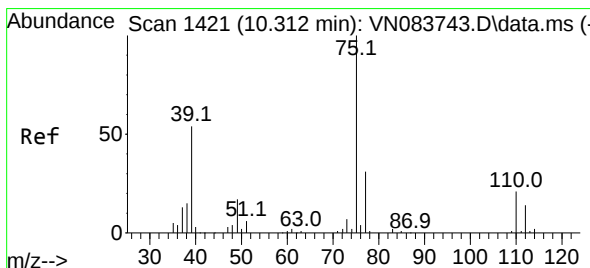
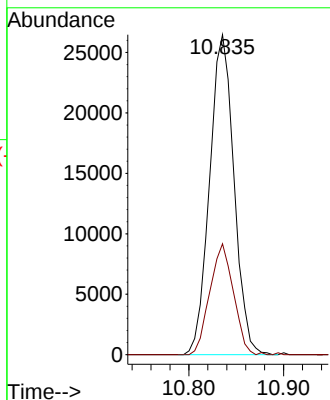
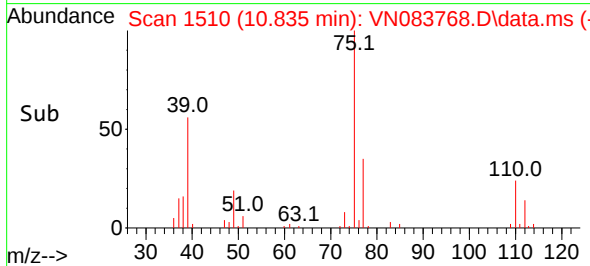
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



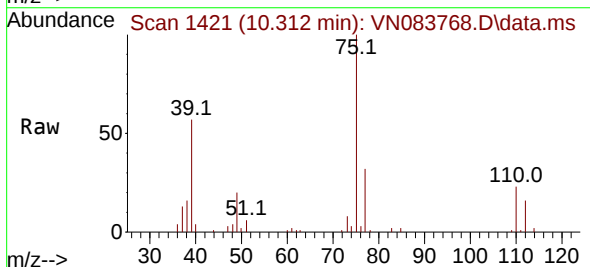
Tgt Ion: 75 Resp: 47380
Ion Ratio Lower Upper
75 100
77 34.6 25.8 38.6

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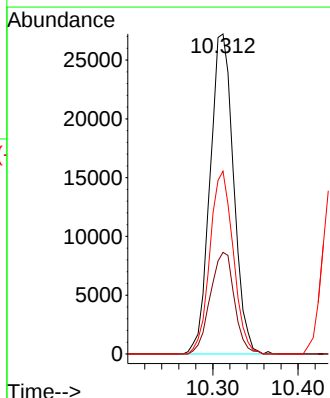
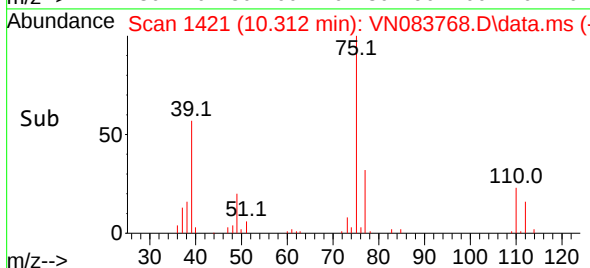
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

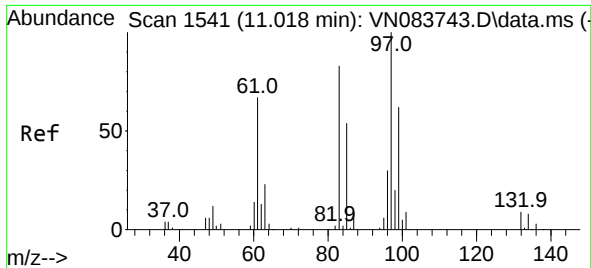


#54
cis-1,3-Dichloropropene
Concen: 17.969 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39



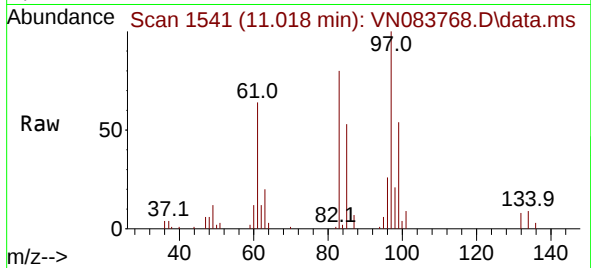
Tgt Ion: 75 Resp: 52323
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6
39 57.1 42.6 64.0





#55
 1,1,2-Trichloroethane
 Concen: 18.849 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN083768.D
 Acq: 11 Sep 2024 03:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBS02

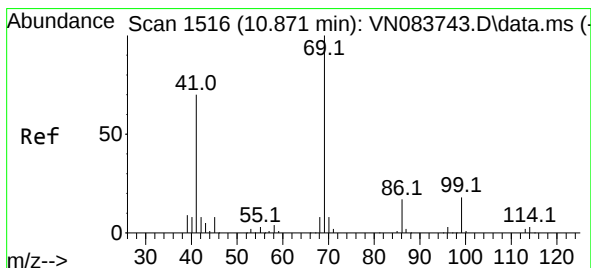
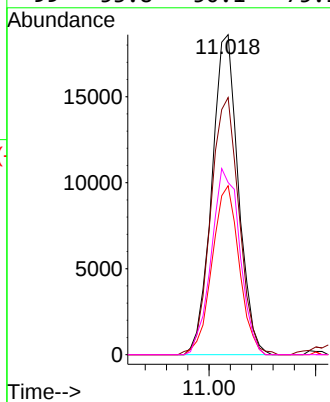
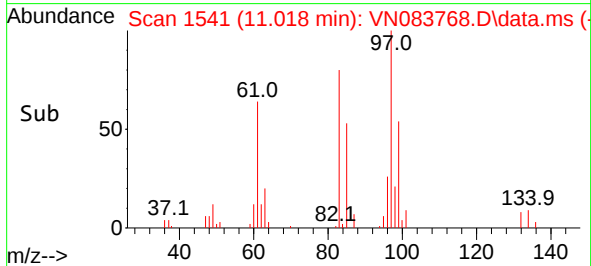


Tgt Ion: 97 Resp: 32129

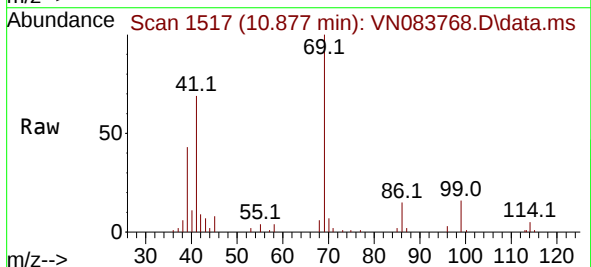
Ion	Ratio	Lower	Upper
97	100		
83	80.3	67.5	101.3
85	52.8	44.2	66.2
99	53.8	50.1	75.1

Manual Integrations
 APPROVED

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

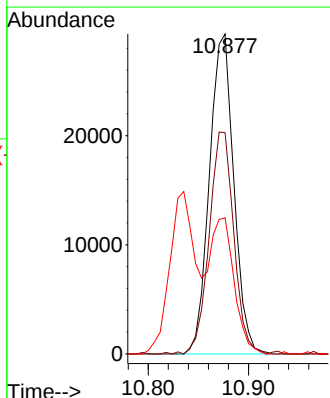
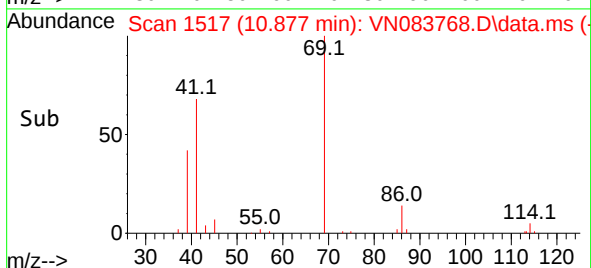


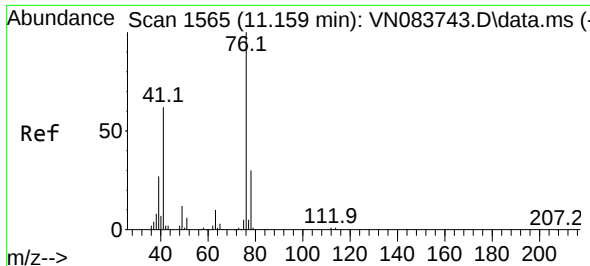
#56
 Ethyl methacrylate
 Concen: 18.884 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. 0.006 min
 Lab File: VN083768.D
 Acq: 11 Sep 2024 03:39



Tgt Ion: 69 Resp: 49523

Ion	Ratio	Lower	Upper
69	100		
41	70.1	53.9	80.9
39	43.4	32.6	48.8





#57

1,3-Dichloropropane

Concen: 18.943 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBS02

Tgt Ion: 76 Resp: 5549

Ion Ratio Lower Upper

76 100

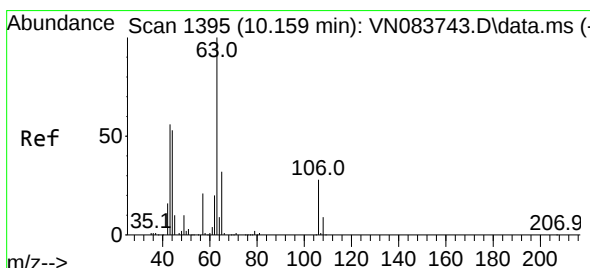
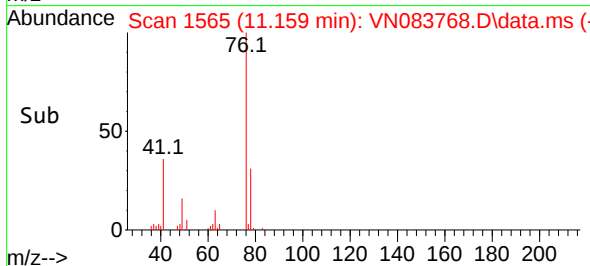
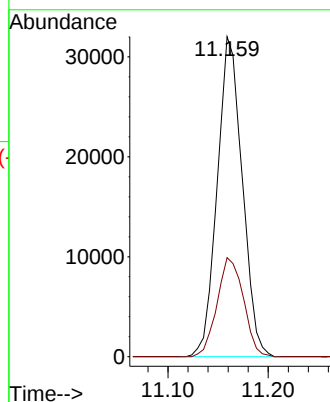
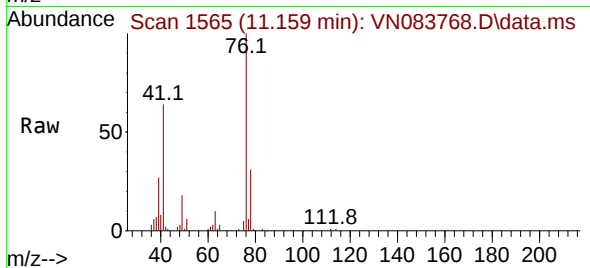
78 32.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#58

2-Chloroethyl Vinyl ether

Concen: 92.738 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083768.D

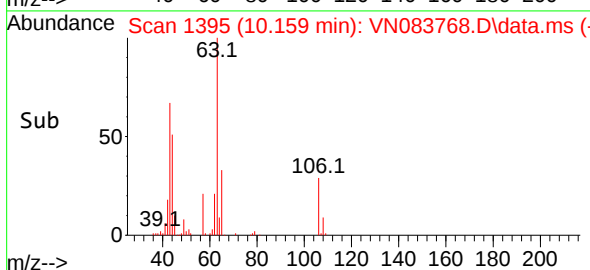
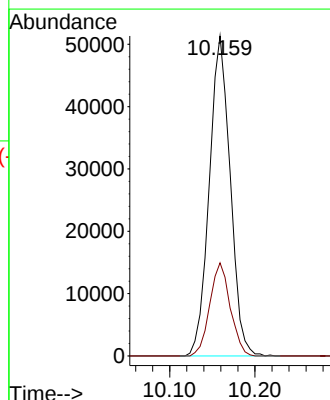
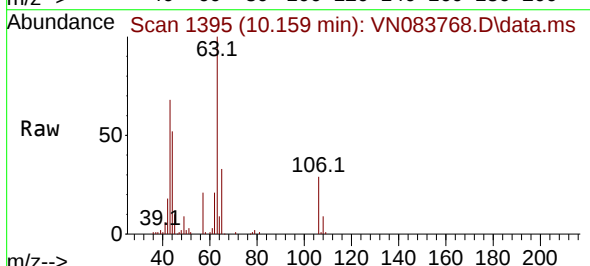
Acq: 11 Sep 2024 03:39

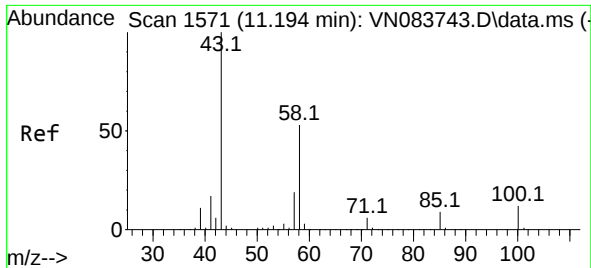
Tgt Ion: 63 Resp: 87631

Ion Ratio Lower Upper

63 100

106 28.4 23.3 34.9





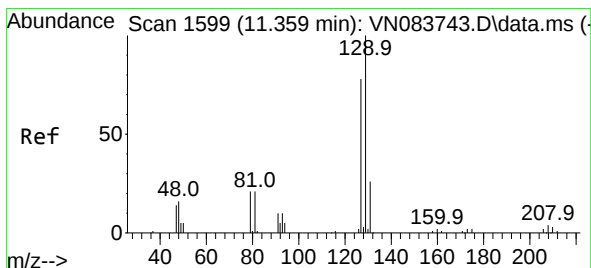
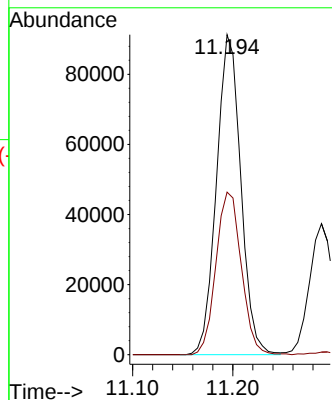
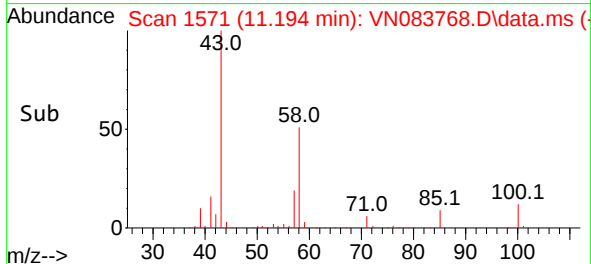
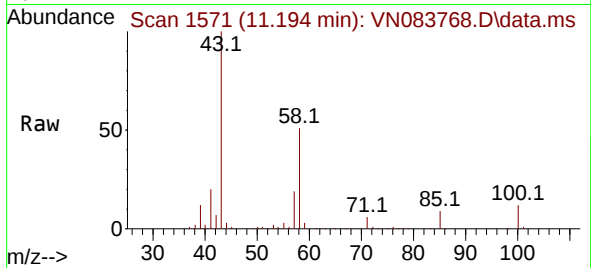
#59
2-Hexanone
Concen: 93.665 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02

Tgt Ion: 43 Resp: 15385
Ion Ratio Lower Upper
43 100
58 53.0 27.2 81.5

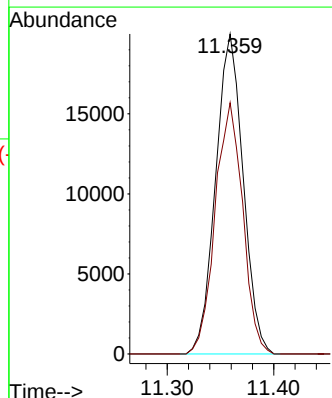
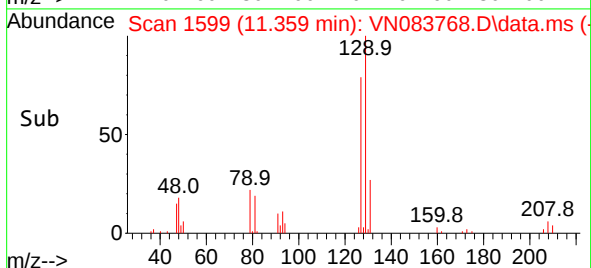
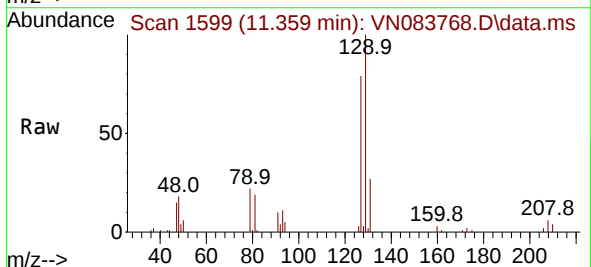
Manual Integrations
APPROVED

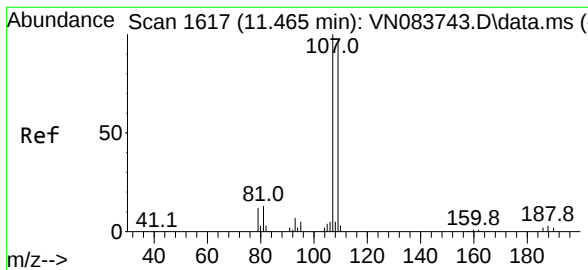
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#60
Dibromochloromethane
Concen: 18.785 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Tgt Ion:129 Resp: 35833
Ion Ratio Lower Upper
129 100
127 78.6 39.0 116.9





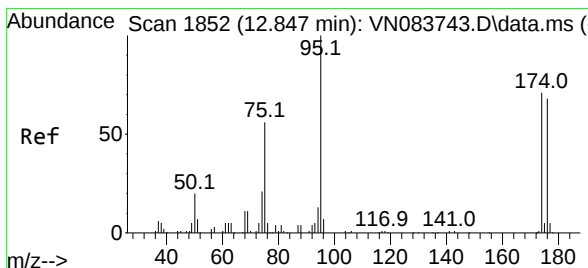
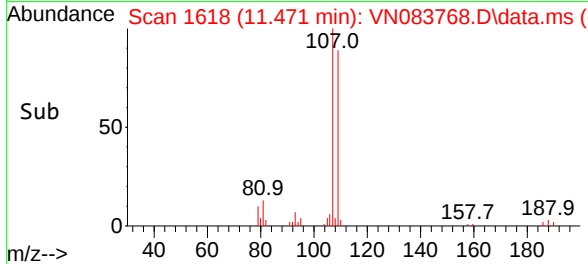
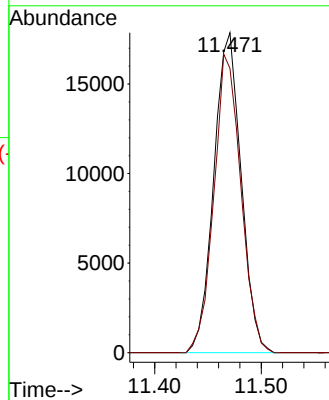
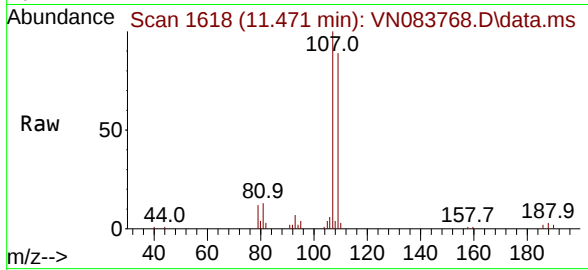
#61
1,2-Dibromoethane
Concen: 18.687 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02

Tgt Ion:107 Resp: 3176
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4

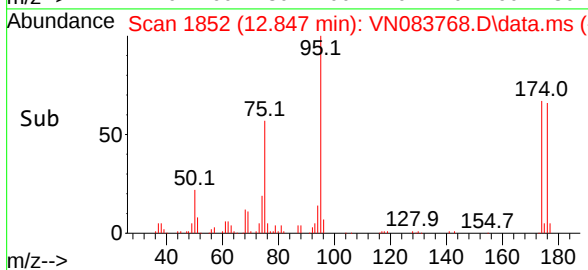
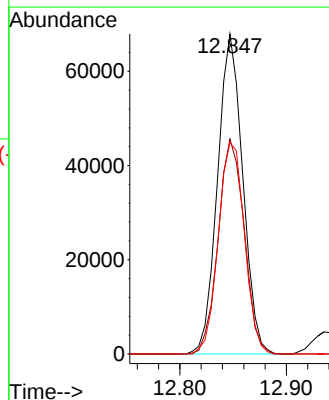
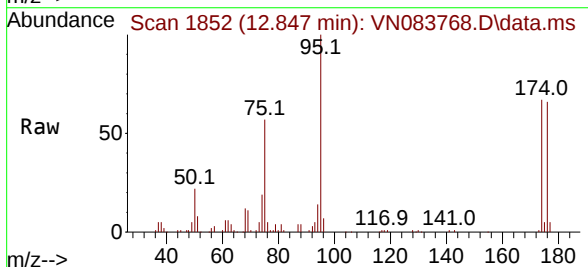
Manual Integrations
APPROVED

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



#62
4-Bromofluorobenzene
Concen: 47.417 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Tgt Ion: 95 Resp: 111431
Ion Ratio Lower Upper
95 100
174 69.4 0.0 139.8
176 68.4 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBS02

Tgt Ion:117 Resp: 22788

Ion Ratio Lower Upper

117 100

82 61.5 47.4 71.0

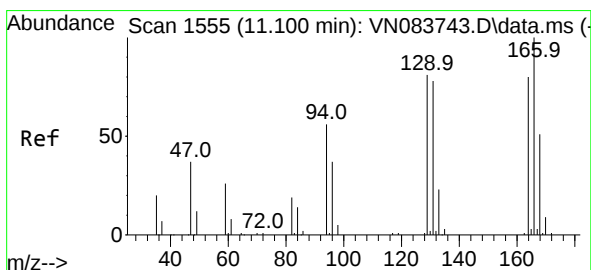
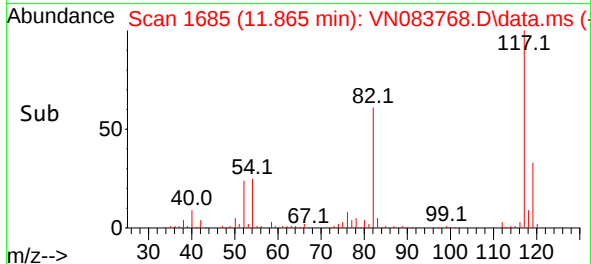
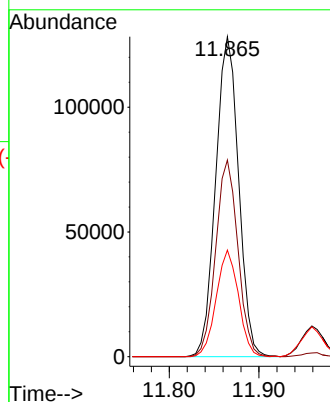
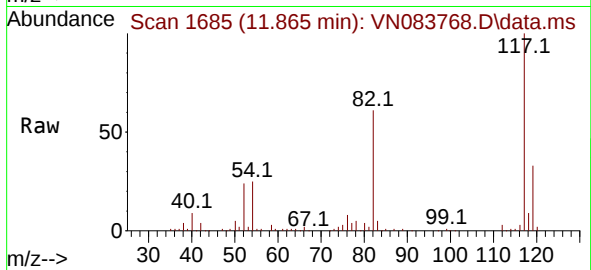
119 33.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#64

Tetrachloroethene

Concen: 18.031 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Tgt Ion:164 Resp: 27325

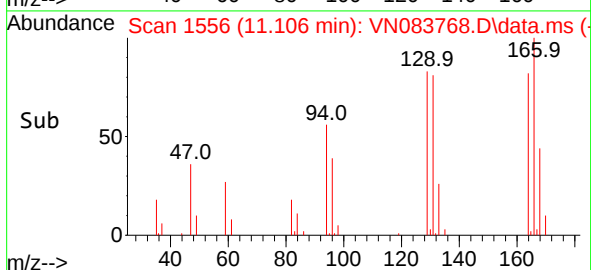
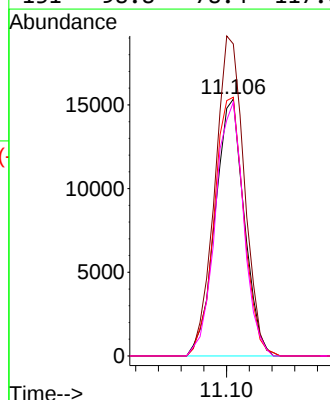
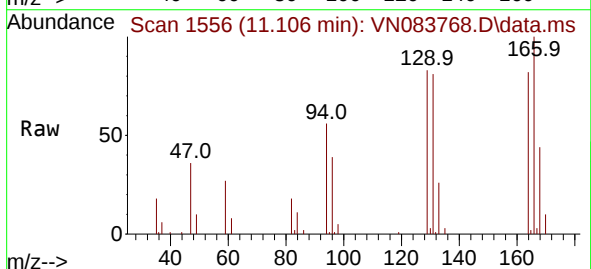
Ion Ratio Lower Upper

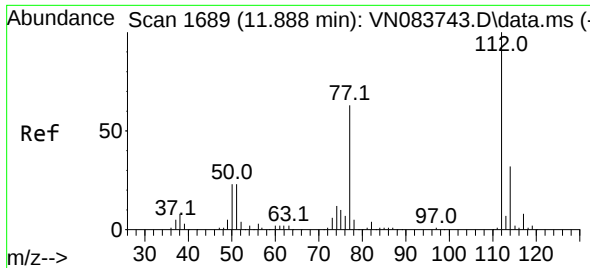
164 100

166 121.5 103.7 155.5

129 100.7 79.9 119.9

131 98.8 78.4 117.6





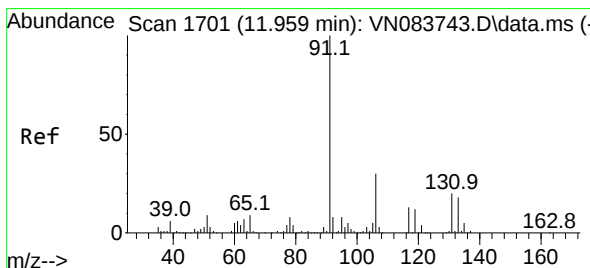
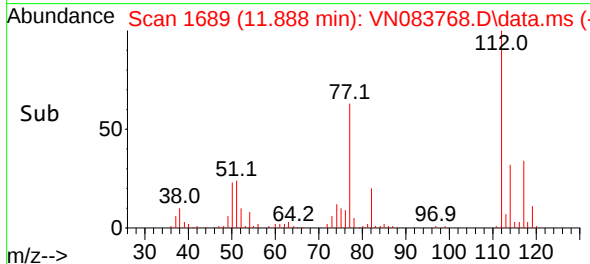
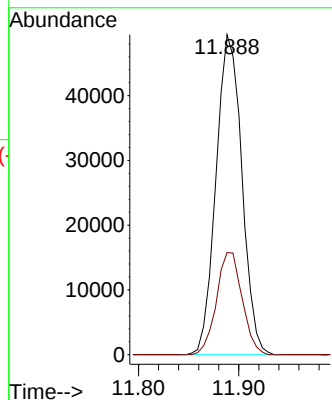
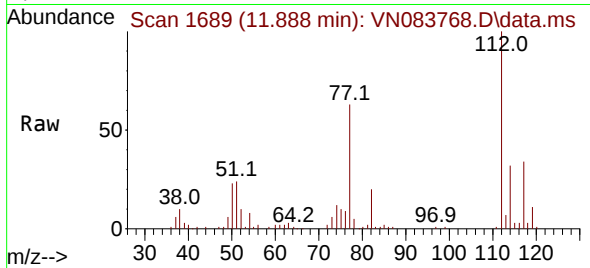
#65
Chlorobenzene
Concen: 17.456 ug/l
RT: 11.888 min Scan# 112
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02

Tgt Ion:112 Resp: 88414
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

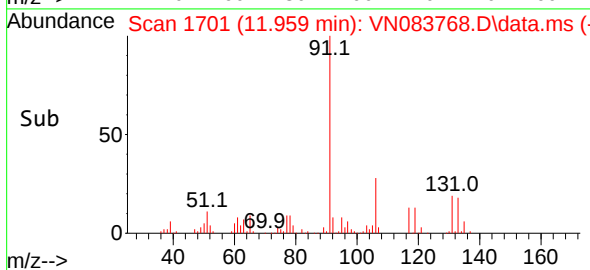
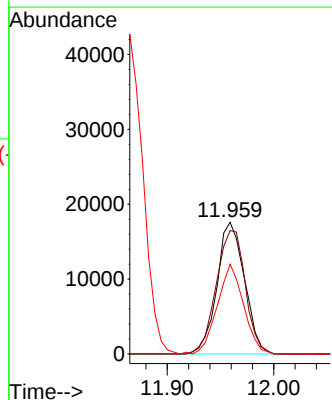
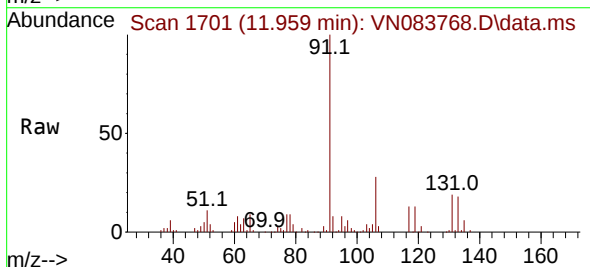
Manual Integrations
APPROVED

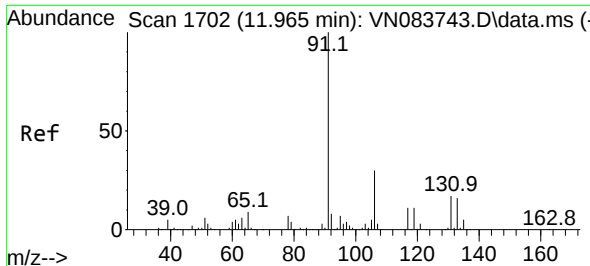
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 17.986 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Tgt Ion:131 Resp: 31580
Ion Ratio Lower Upper
131 100
133 98.8 47.5 142.6
119 64.8 31.6 94.8





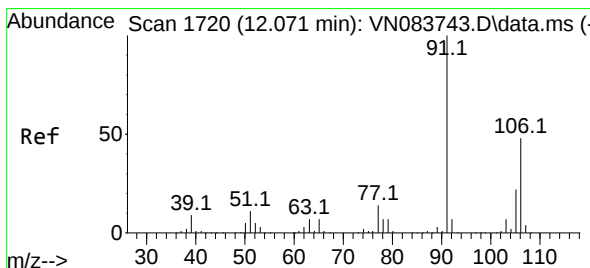
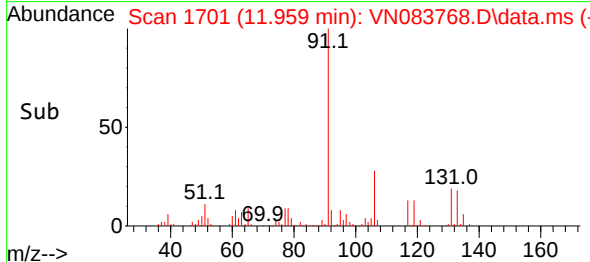
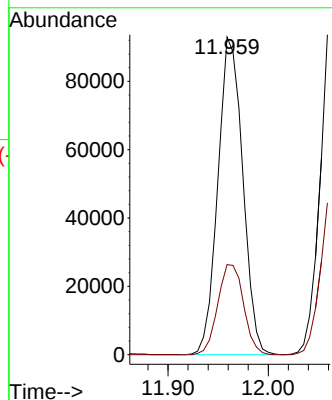
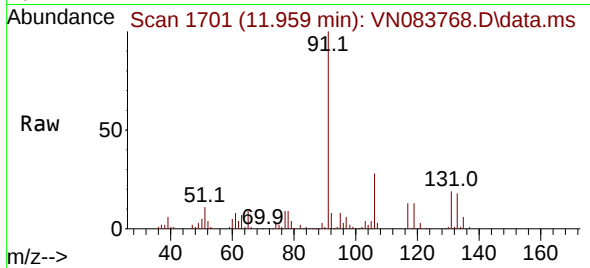
#67
Ethyl Benzene
Concen: 17.779 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02

Tgt Ion: 91 Resp: 159960
Ion Ratio Lower Upper
91 100
106 28.4 24.3 36.5

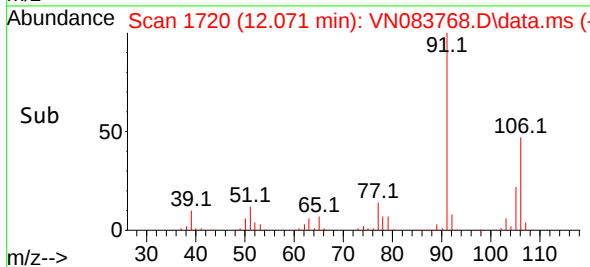
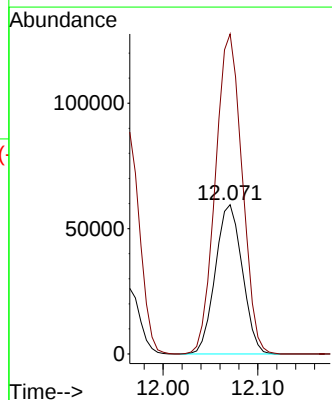
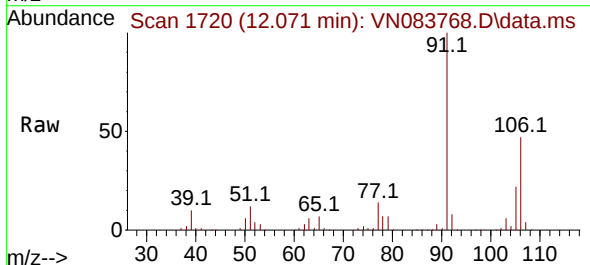
Manual Integrations
APPROVED

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



#68
m/p-Xylenes
Concen: 35.284 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Tgt Ion:106 Resp: 117861
Ion Ratio Lower Upper
106 100
91 212.6 169.2 253.8





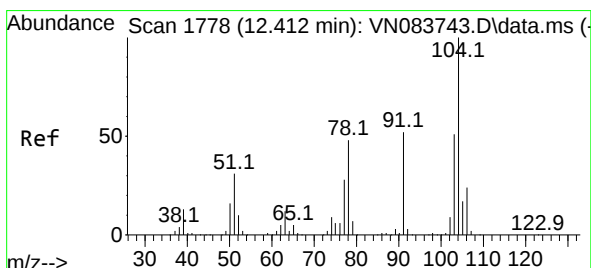
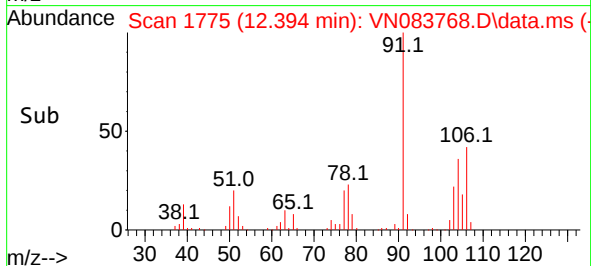
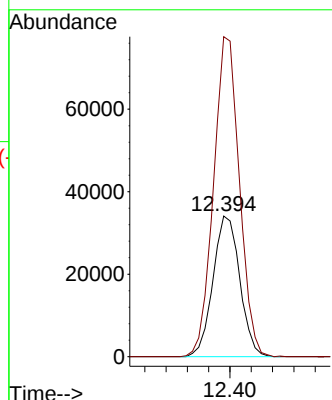
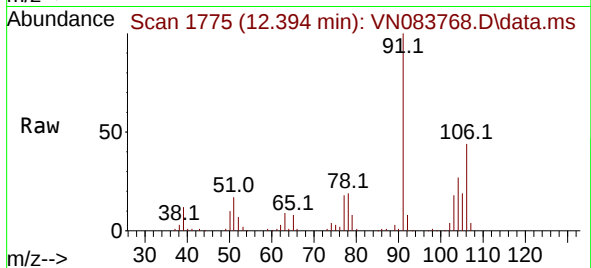
#69
o-Xylene
Concen: 18.365 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02

Tgt Ion:106 Resp: 5938
Ion Ratio Lower Upper
106 100
91 220.1 112.9 338.6

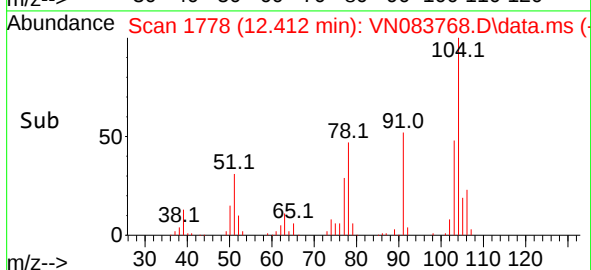
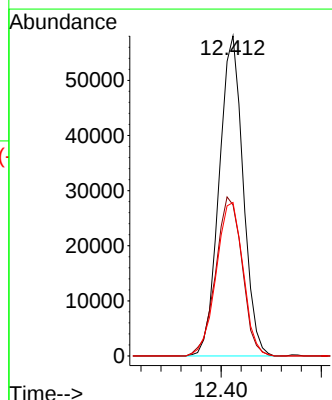
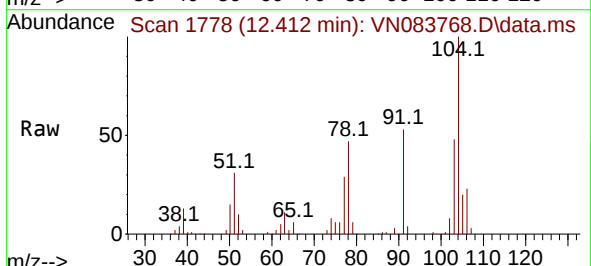
Manual Integrations
APPROVED

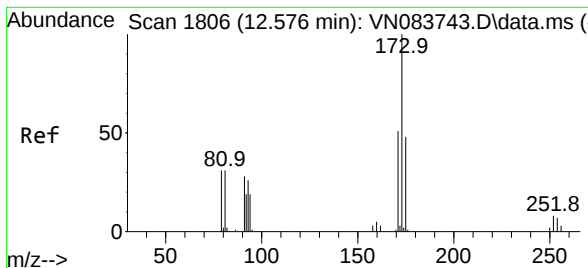
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#70
Styrene
Concen: 18.154 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Tgt Ion:104 Resp: 96345
Ion Ratio Lower Upper
104 100
78 54.7 43.3 64.9
103 53.7 43.4 65.2





#71

Bromoform

Concen: 18.369 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBS02

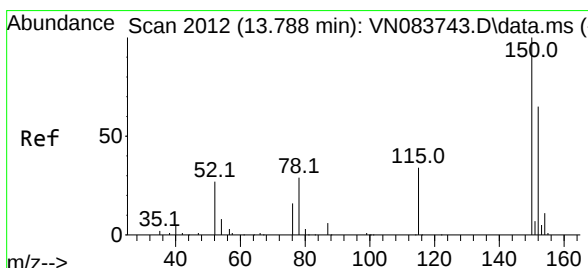
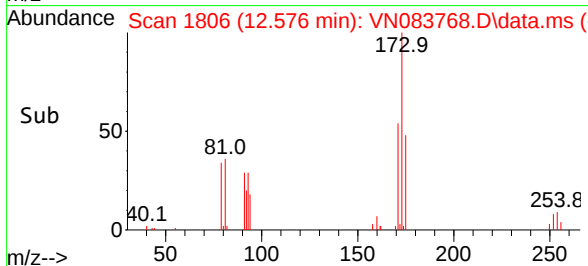
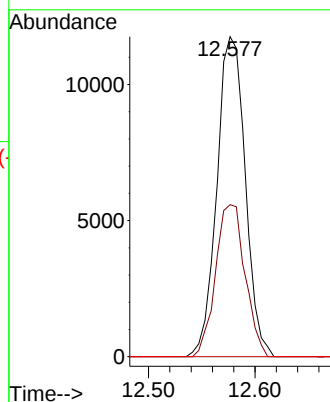
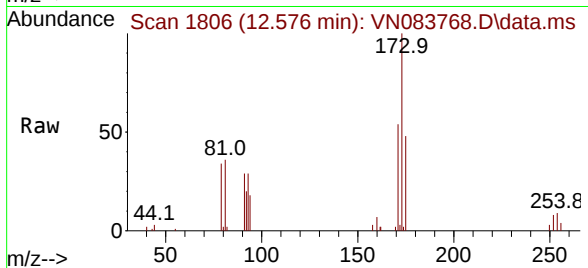
Tgt Ion:173 Resp: 21734
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.2
254 0.0 0.0 0.0

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

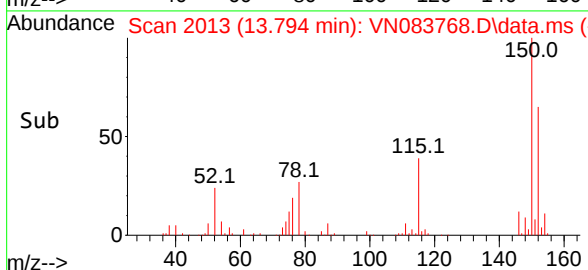
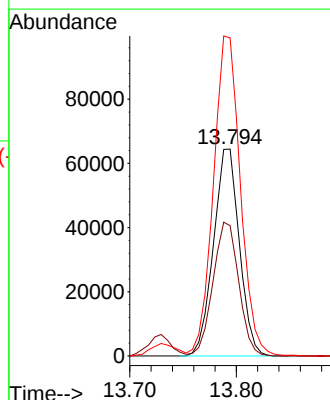
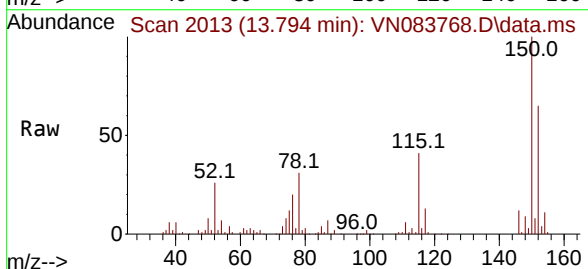
RT: 13.794 min Scan# 2013

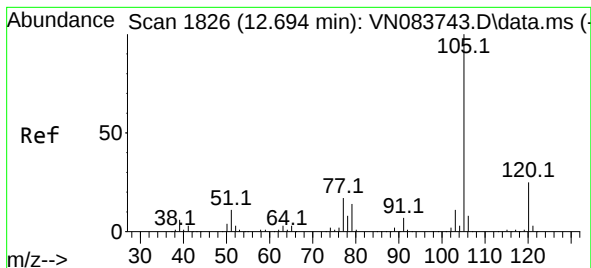
Delta R.T. 0.006 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Tgt Ion:152 Resp: 108516
Ion Ratio Lower Upper
152 100
115 64.5 32.2 96.6
150 161.4 0.0 348.6





#73

Isopropylbenzene

Concen: 17.792 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBS02

Tgt Ion:105 Resp: 149372

Ion Ratio Lower Upper

105 100

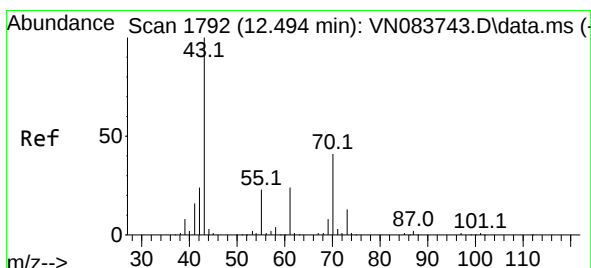
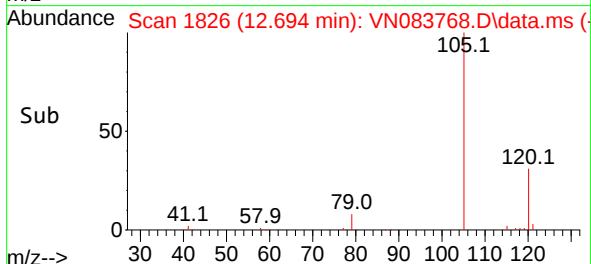
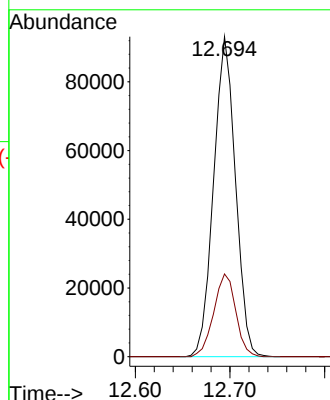
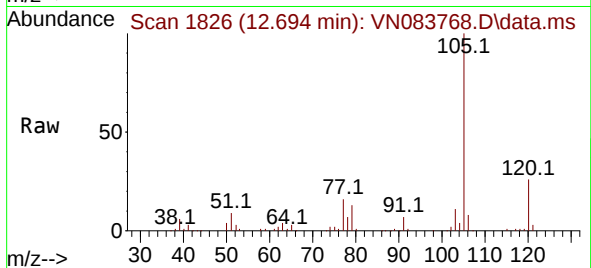
120 26.1 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#74

N-ethyl acetate

Concen: 18.128 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Tgt Ion: 43 Resp: 64934

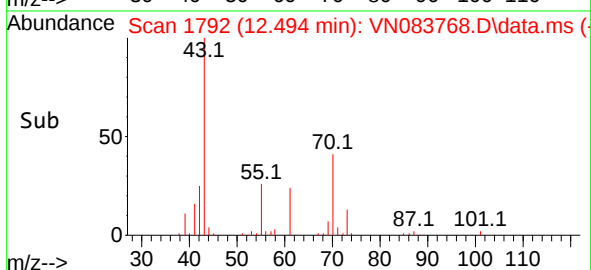
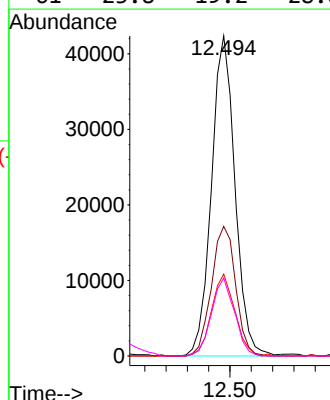
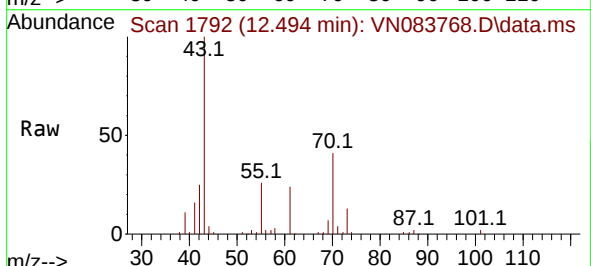
Ion Ratio Lower Upper

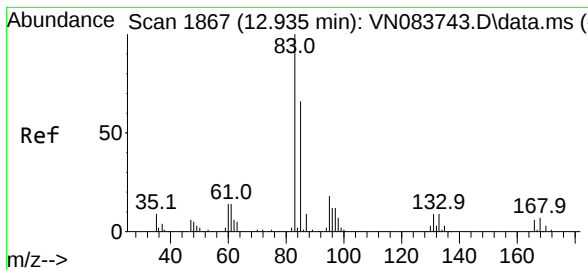
43 100

70 41.5 34.5 51.7

55 25.4 18.6 28.0

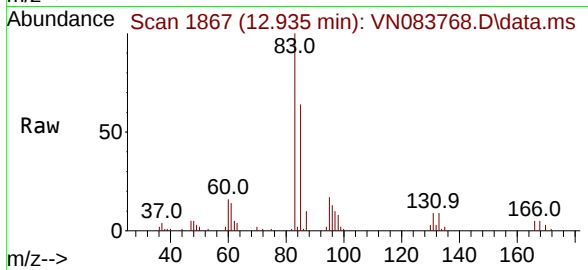
61 23.8 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.333 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

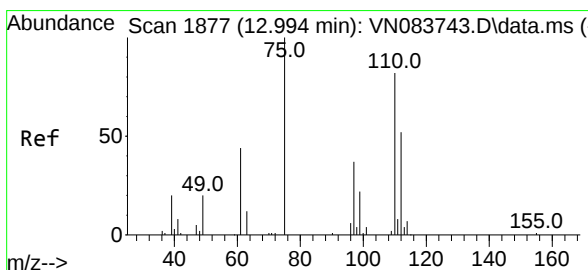
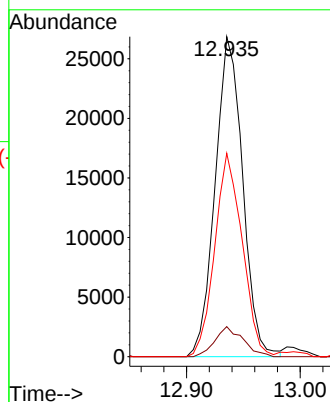
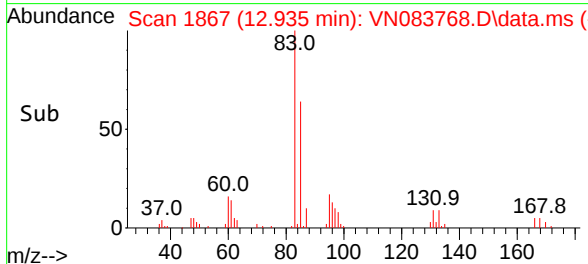
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



Tgt Ion: 83 Resp: 45224
Ion Ratio Lower Upper
83 100
131 9.6 5.2 15.6
85 63.3 31.9 95.9

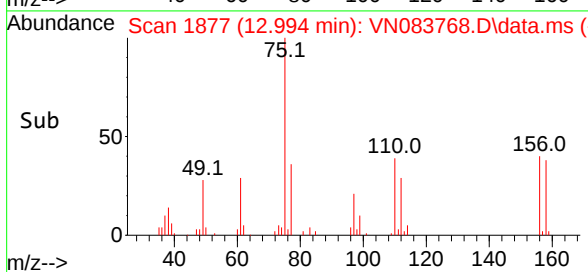
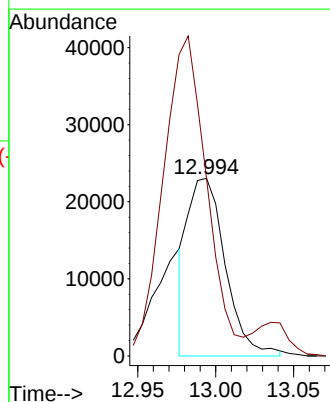
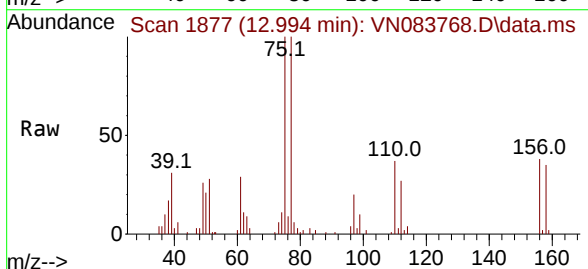
Manual Integrations
APPROVED

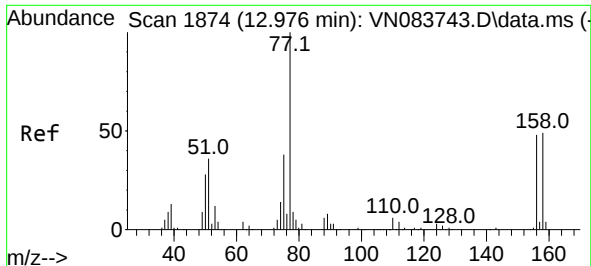
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#76
1,2,3-Trichloropropane
Concen: 17.612 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

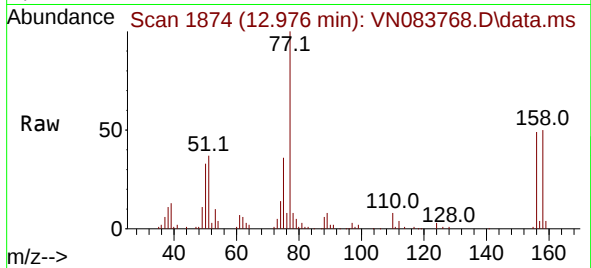
Tgt Ion: 75 Resp: 38564
Ion Ratio Lower Upper
75 100
77 209.0 95.2 285.6





#77
Bromobenzene
Concen: 16.868 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

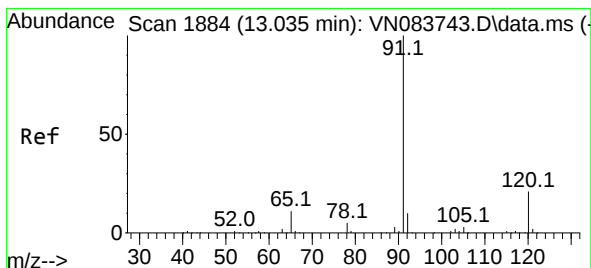
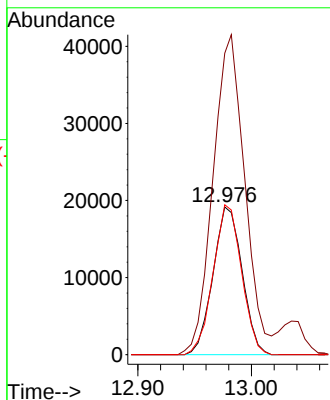
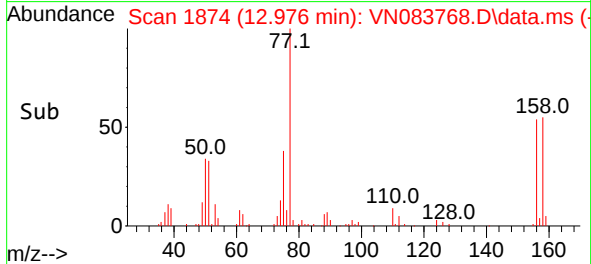
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



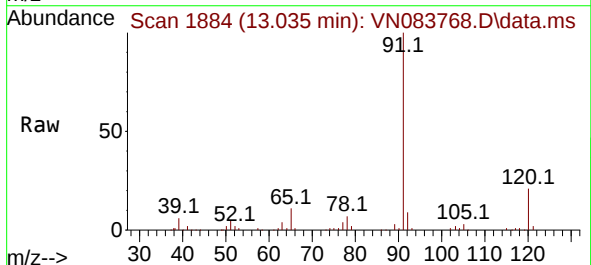
Tgt Ion:156 Resp: 3408
Ion Ratio Lower Upper
156 100
77 236.4 114.3 343.1
158 99.0 48.9 146.7

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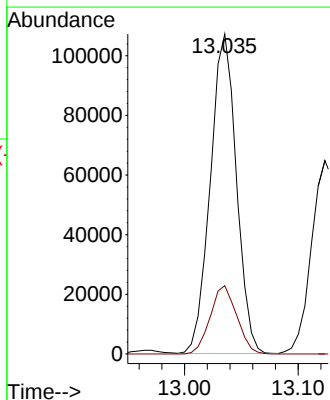
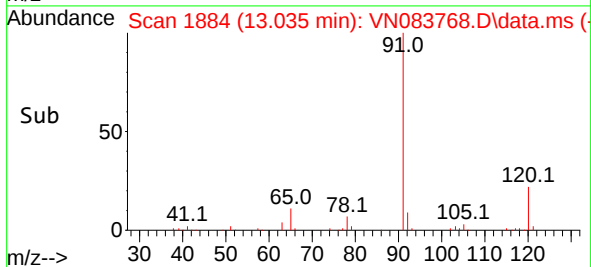
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

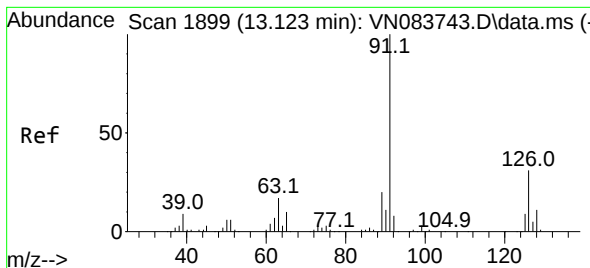


#78
n-propylbenzene
Concen: 17.519 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39



Tgt Ion: 91 Resp: 171132
Ion Ratio Lower Upper
91 100
120 21.7 11.0 33.0





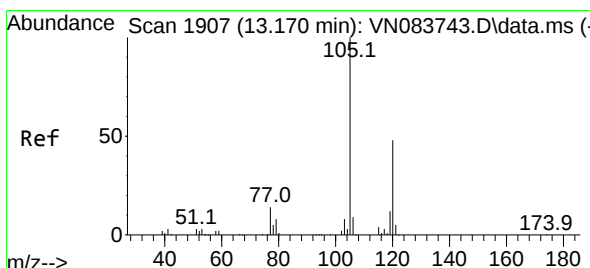
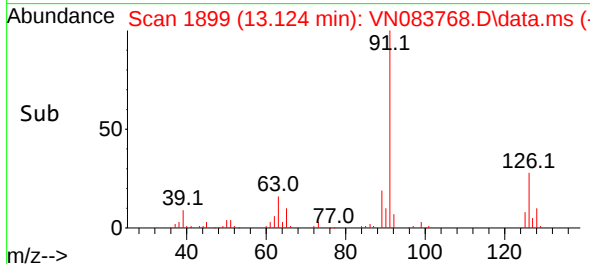
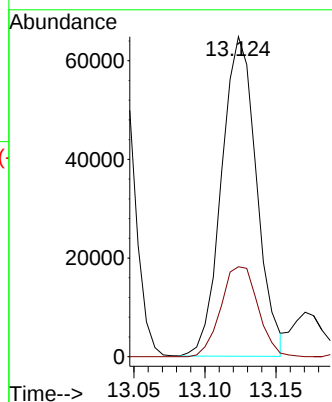
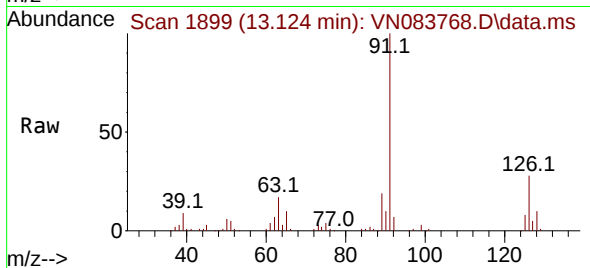
#79
2-Chlorotoluene
Concen: 17.820 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02

Tgt Ion: 91 Resp: 111010
Ion Ratio Lower Upper
91 100
126 29.9 15.4 46.2

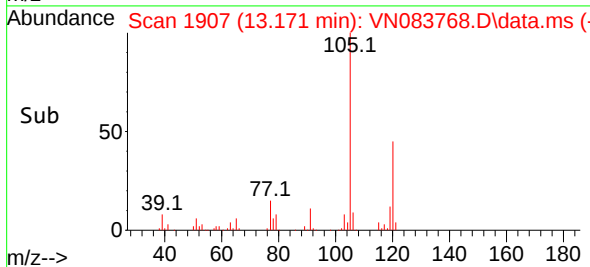
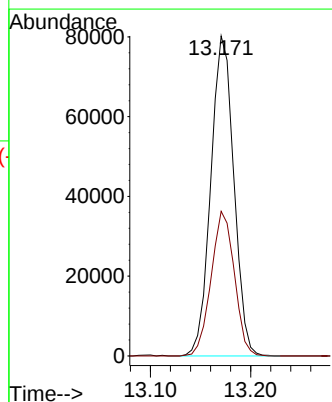
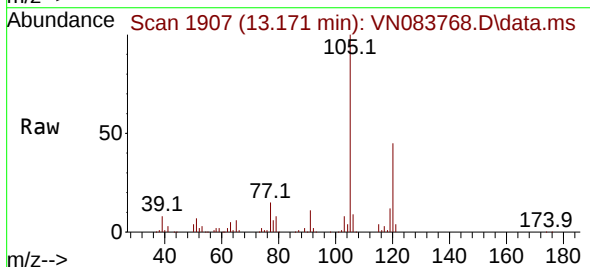
Manual Integrations
APPROVED

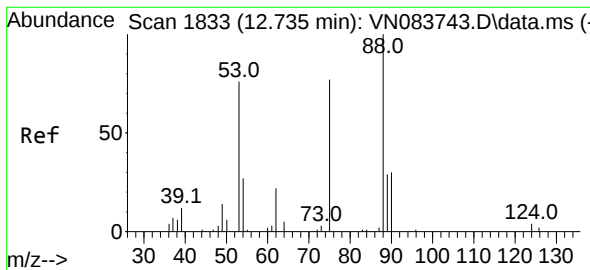
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.102 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

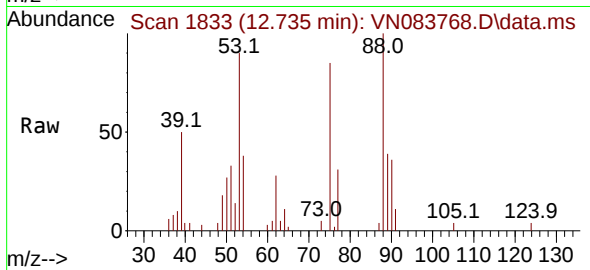
Tgt Ion:105 Resp: 128127
Ion Ratio Lower Upper
105 100
120 45.6 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.120 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

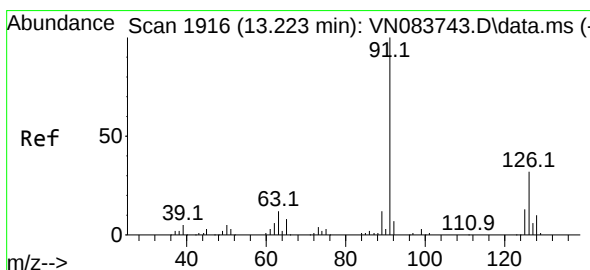
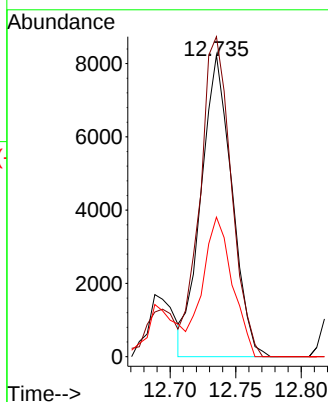
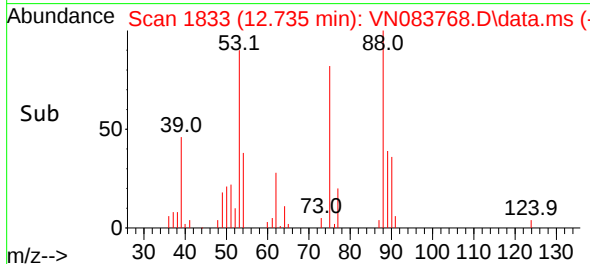
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



Tgt Ion: 75 Resp: 1347
Ion Ratio Lower Upper
75 100
53 107.2 81.2 121.8
89 44.3 35.7 53.5

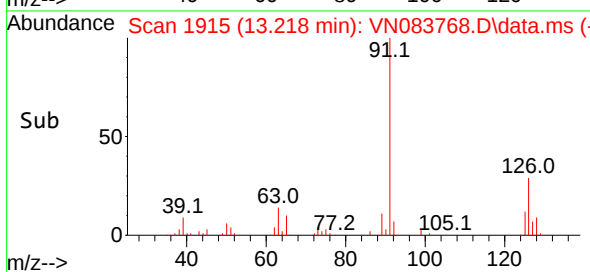
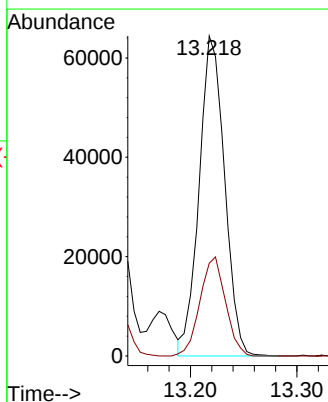
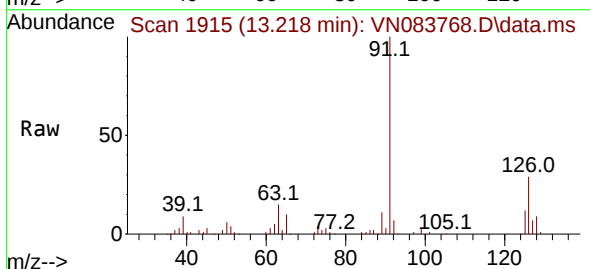
Manual Integrations
APPROVED

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



#82
4-Chlorotoluene
Concen: 17.086 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Tgt Ion: 91 Resp: 106816
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.2





#83

tert-Butylbenzene

Concen: 17.976 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBS02

Tgt Ion:119 Resp: 111318

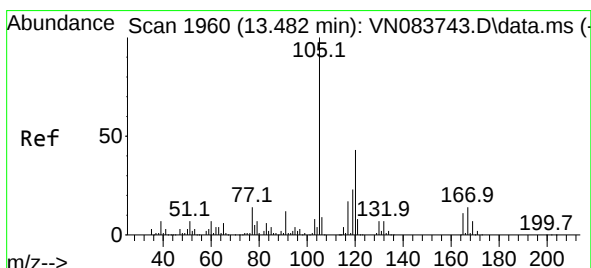
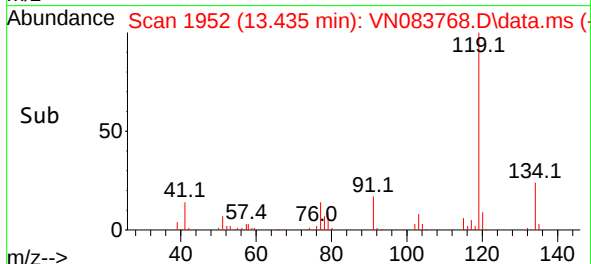
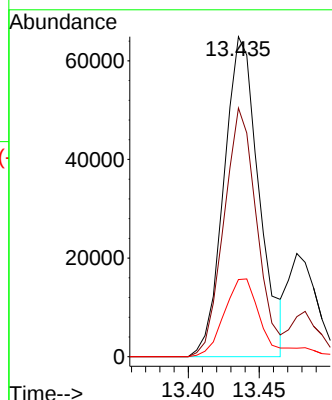
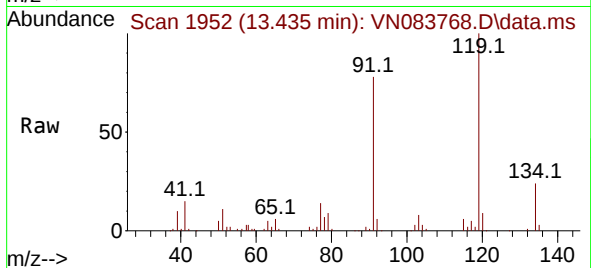
Ion	Ratio	Lower	Upper
119	100		
91	73.0	34.5	103.6
134	26.6	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#84

1,2,4-Trimethylbenzene

Concen: 17.831 ug/l

RT: 13.482 min Scan# 1960

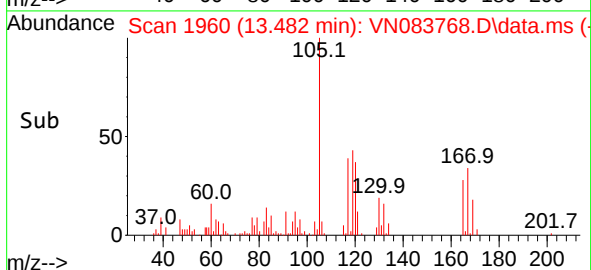
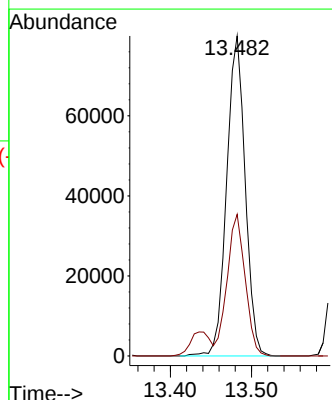
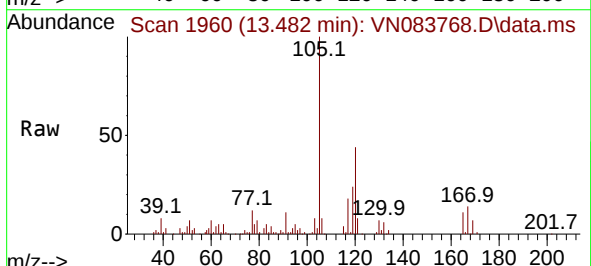
Delta R.T. 0.000 min

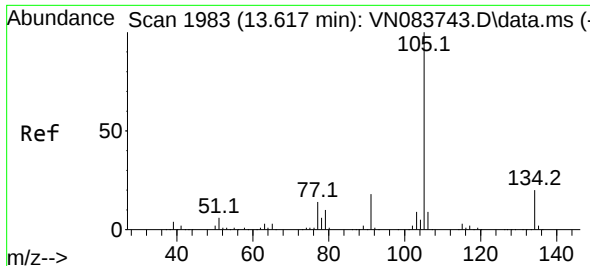
Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Tgt Ion:105 Resp: 126783

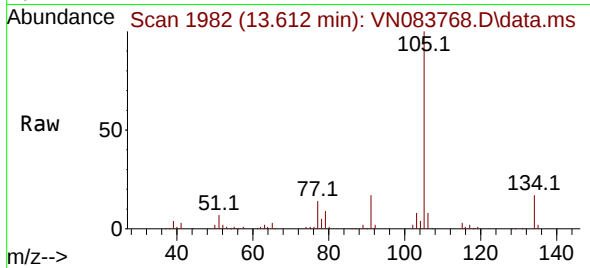
Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.8	65.4





#85
 sec-Butylbenzene
 Concen: 17.766 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN083768.D
 Acq: 11 Sep 2024 03:39

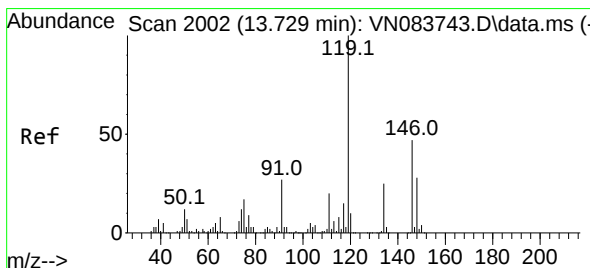
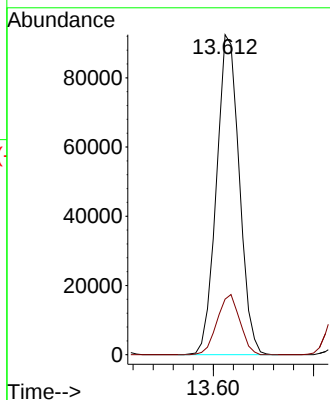
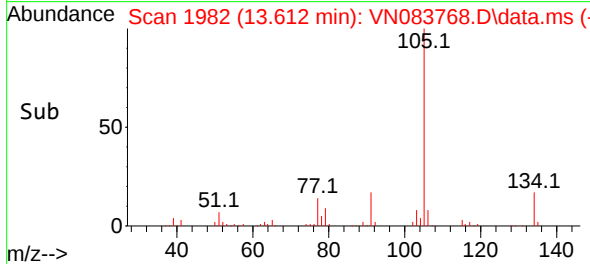
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBS02



Tgt Ion:105 Resp: 14590
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.7 29.1

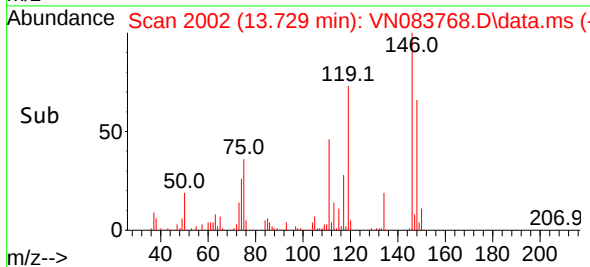
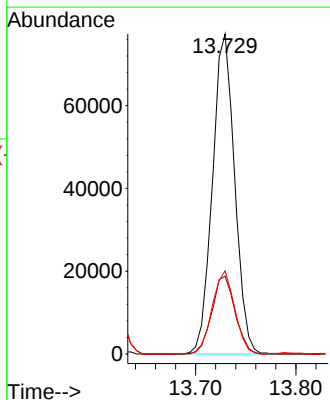
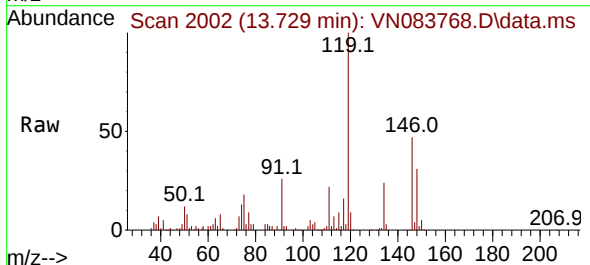
Manual Integrations
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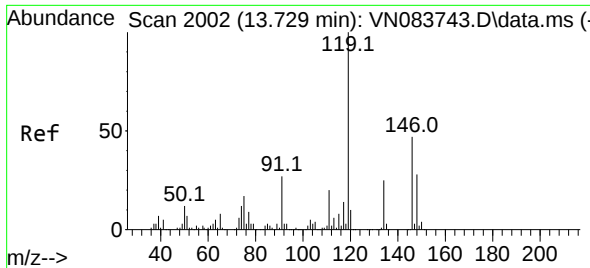
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#86
 p-Isopropyltoluene
 Concen: 17.224 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083768.D
 Acq: 11 Sep 2024 03:39

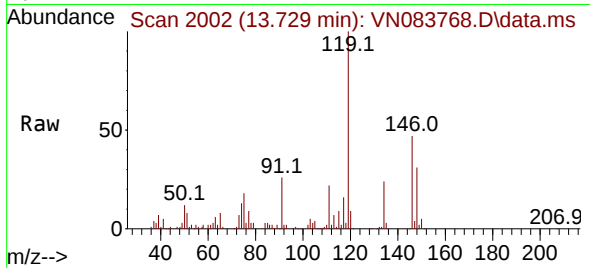
Tgt Ion:119 Resp: 118583
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 26.2 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 16.521 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

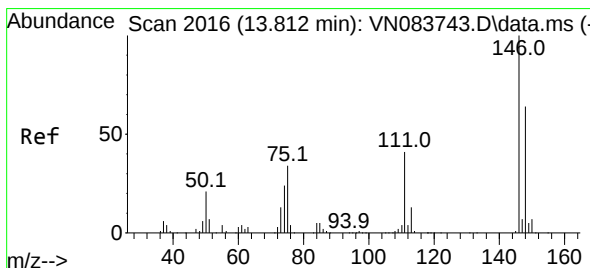
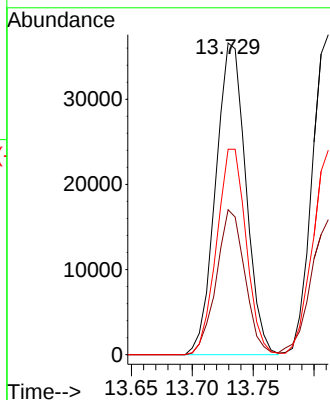
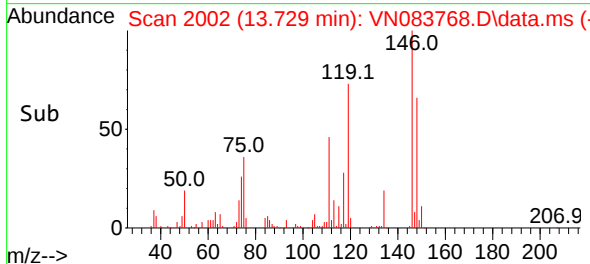
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



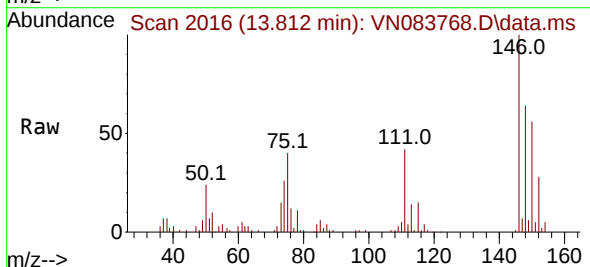
Tgt Ion:146 Resp: 63010
Ion Ratio Lower Upper
146 100
111 44.1 21.7 65.1
148 64.6 31.7 95.1

Manual Integrations
APPROVED

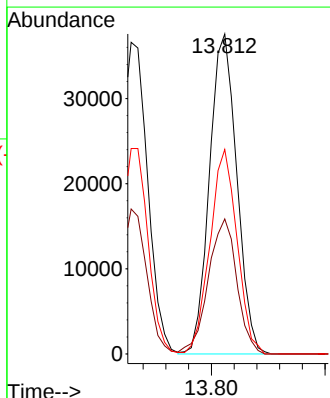
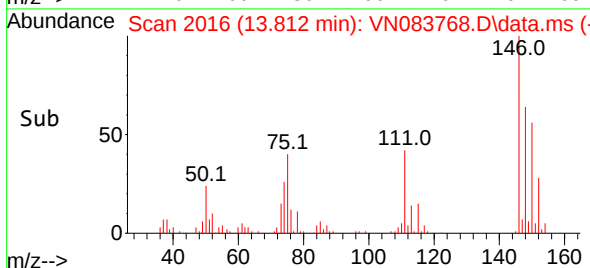
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

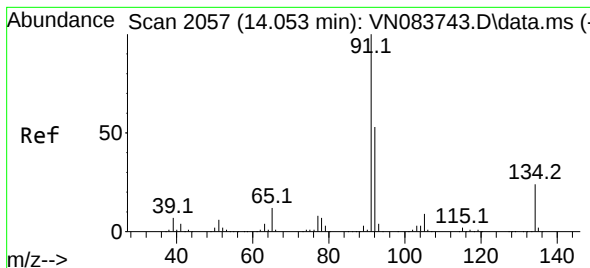


#88
1,4-Dichlorobenzene
Concen: 16.258 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39



Tgt Ion:146 Resp: 62787
Ion Ratio Lower Upper
146 100
111 44.1 21.3 64.0
148 63.6 32.0 96.2





#89

n-Butylbenzene

Concen: 15.552 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBS02

Tgt Ion: 91 Resp: 96128

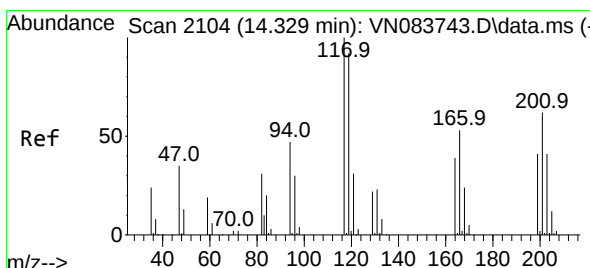
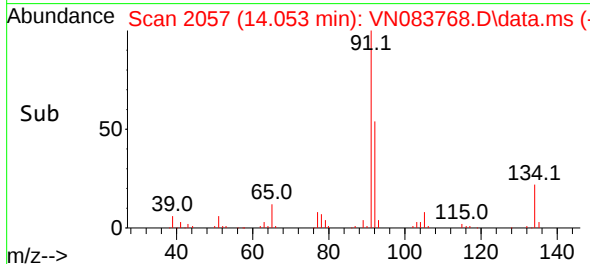
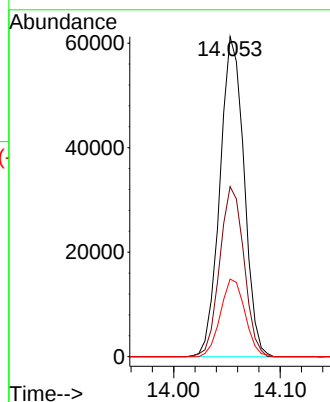
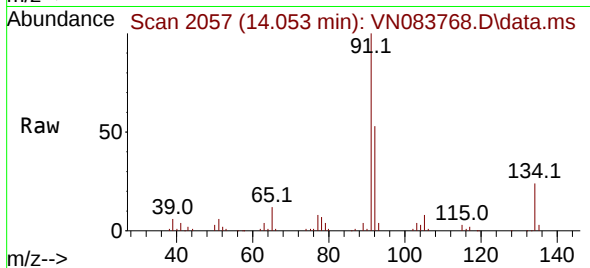
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.7	80.1
134	24.8	12.2	36.4

Manual Integrations

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Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#90

Hexachloroethane

Concen: 17.880 ug/l

RT: 14.329 min Scan# 2104

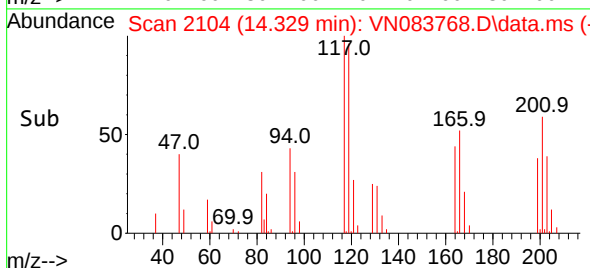
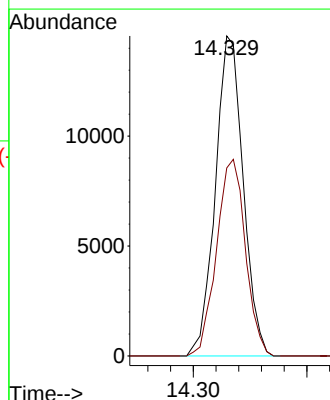
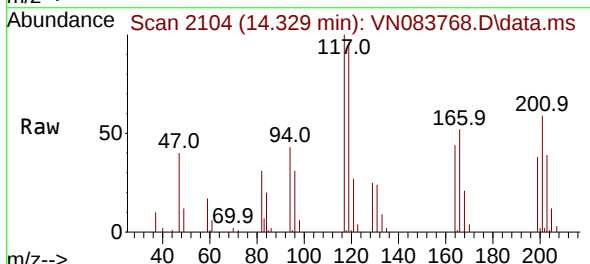
Delta R.T. 0.000 min

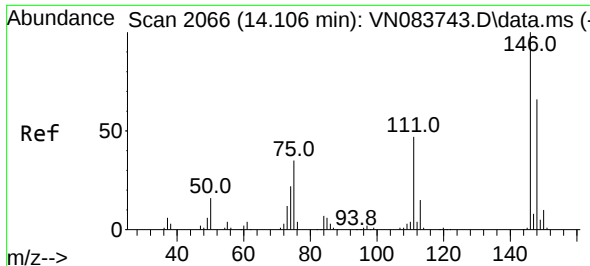
Lab File: VN083768.D

Acq: 11 Sep 2024 03:39

Tgt Ion:117 Resp: 24745

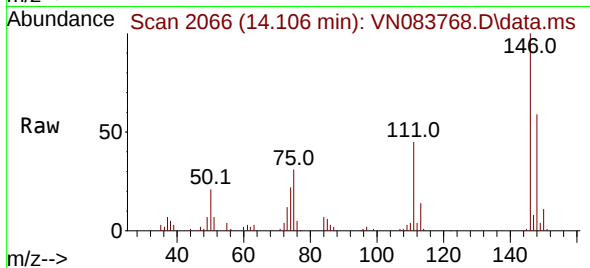
Ion	Ratio	Lower	Upper
117	100		
201	63.8	32.8	98.3





#91
1,2-Dichlorobenzene
Concen: 17.329 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

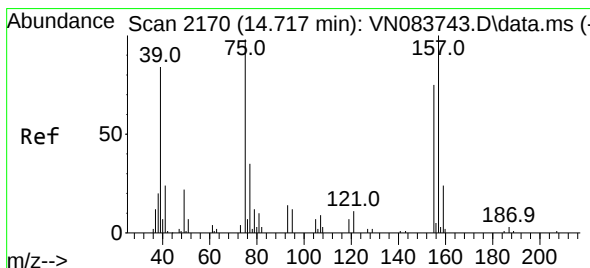
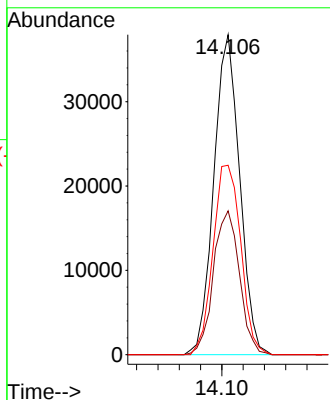
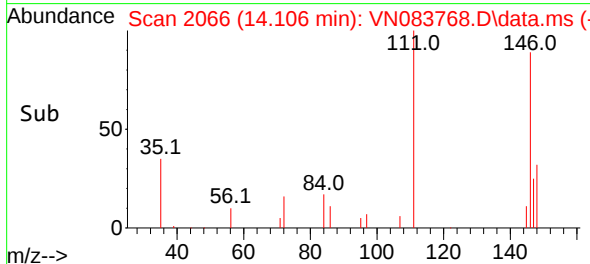
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



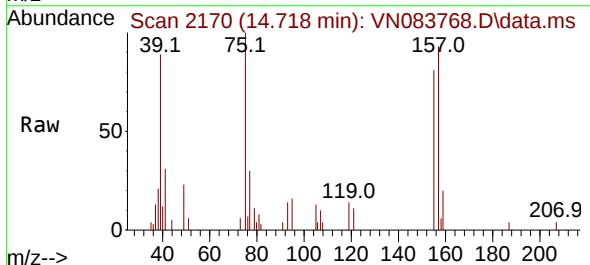
Tgt Ion:146 Resp: 63780
Ion Ratio Lower Upper
146 100
111 45.4 22.8 68.3
148 63.7 32.1 96.5

Manual Integrations
APPROVED

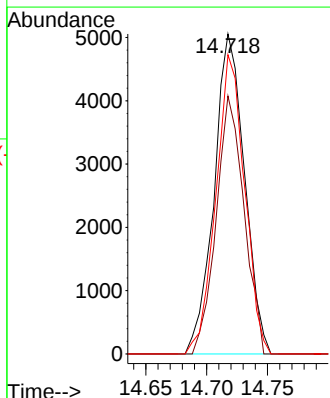
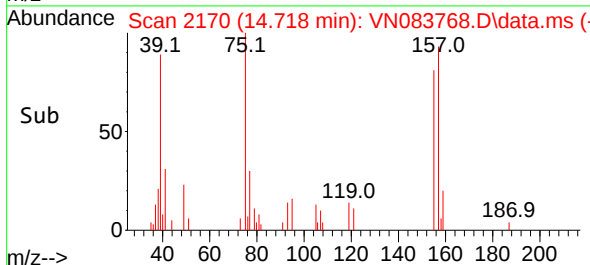
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

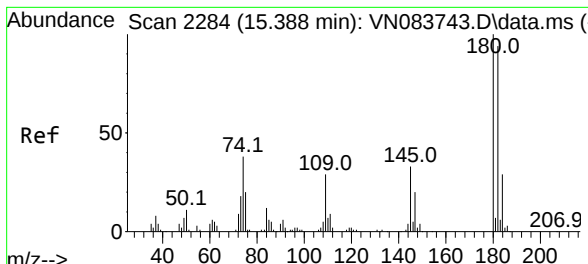


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.853 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39



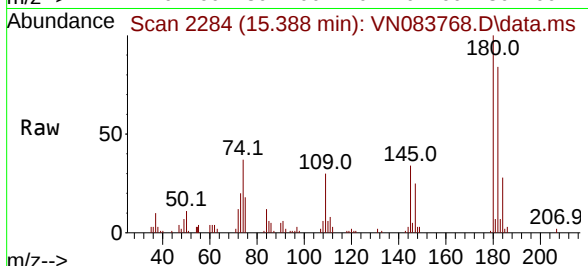
Tgt Ion: 75 Resp: 8779
Ion Ratio Lower Upper
75 100
155 73.9 35.9 107.7
157 88.4 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 15.171 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

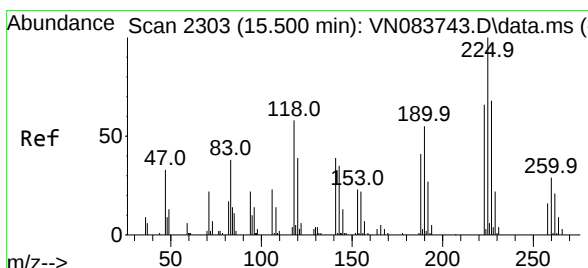
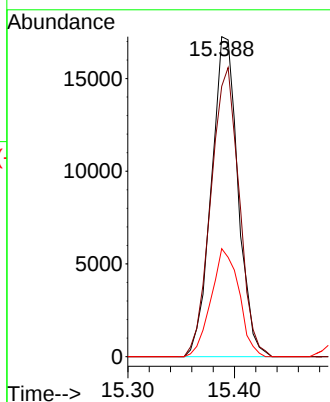
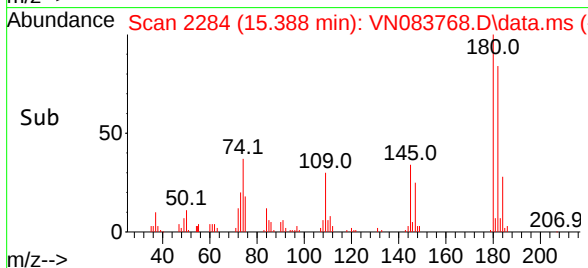
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



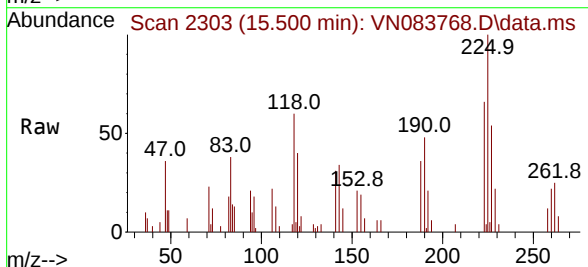
Tgt Ion:180 Resp: 2996
Ion Ratio Lower Upper
180 100
182 95.5 48.1 144.3
145 35.4 16.9 50.7

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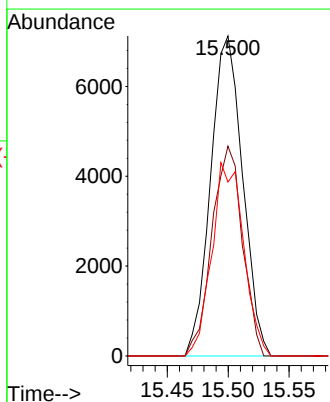
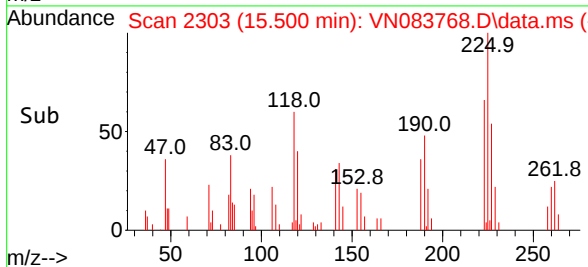
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

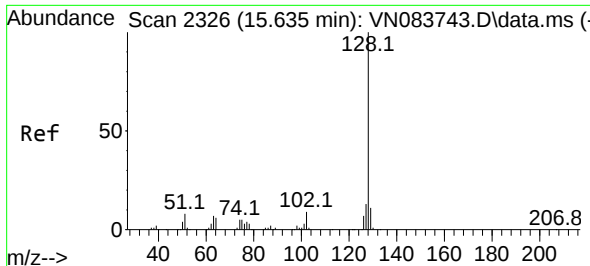


#94
Hexachlorobutadiene
Concen: 15.552 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39



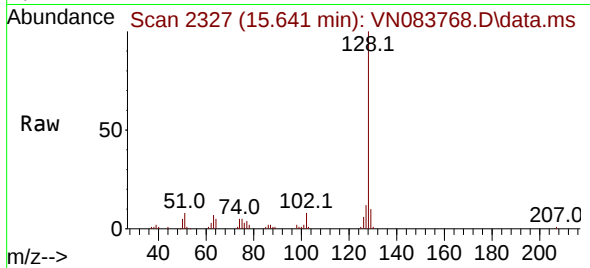
Tgt Ion:225 Resp: 13045
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.5
227 59.8 32.0 96.2





#95
Naphthalene
Concen: 16.071 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

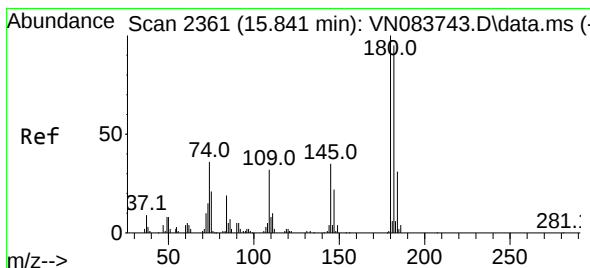
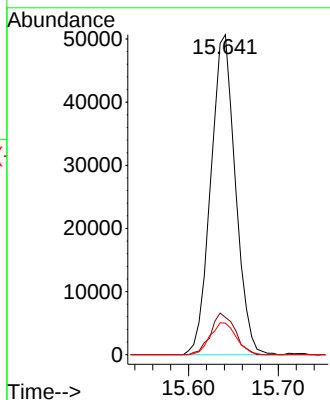
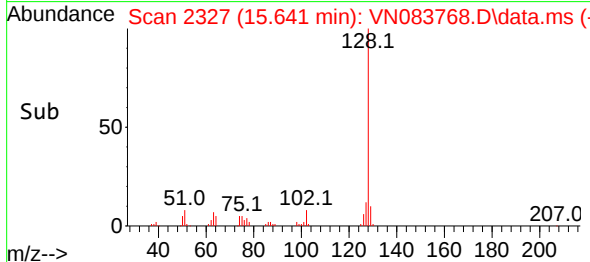
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBS02



Tgt Ion:128 Resp: 9657
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.6 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: 15.627 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083768.D
Acq: 11 Sep 2024 03:39

Tgt Ion:180 Resp: 29500
Ion Ratio Lower Upper
180 100
182 95.9 47.1 141.4
145 36.0 17.8 53.5

