

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083747.D
 Acq On : 10 Sep 2024 11:32
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Sep 11 02:17:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 02:15:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	149471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	1767	1.018	ug/l	96
3) Chloromethane	2.359	50	3237m	1.531	ug/l	
4) Vinyl Chloride	2.512	62	1982	1.042	ug/l #	44
6) Chloroethane	3.065	64	1404m	1.064	ug/l	
7) Trichlorofluoromethane	3.471	101	3488	1.080	ug/l	96
8) Diethyl Ether	3.953	74	959	0.886	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.348	101	1583	0.925	ug/l #	65
12) 1,1-Dichloroethene	4.318	96	1527	0.945	ug/l	93
14) Allyl chloride	5.012	41	2756	0.957	ug/l #	80
15) Acrylonitrile	5.724	53	4223	5.145	ug/l	98
16) Acetone	4.436	43	4474	4.952	ug/l	95
17) Carbon Disulfide	4.700	76	5090	1.126	ug/l #	75
18) Methyl Acetate	5.036	43	3089m	1.407	ug/l	
19) Methyl tert-butyl Ether	5.794	73	5672	0.970	ug/l #	83
20) Methylene Chloride	5.277	84	1922	1.040	ug/l #	75
21) trans-1,2-Dichloroethene	5.765	96	1745	1.007	ug/l #	67
22) Diisopropyl ether	6.665	45	5555	0.937	ug/l #	92
23) Vinyl Acetate	6.600	43	19588	4.511	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	3493	1.022	ug/l #	82
25) 2-Butanone	7.489	43	6127	5.160	ug/l #	57
26) 2,2-Dichloropropane	7.489	77	2982	0.948	ug/l	94
27) cis-1,2-Dichloroethene	7.477	96	2052	0.998	ug/l	92
28) Bromochloromethane	7.806	49	1257	0.874	ug/l #	90
29) Tetrahydrofuran	7.853	42	3436	4.893	ug/l	99
30) Chloroform	7.959	83	3528	0.973	ug/l	91
32) 1,1,1-Trichloroethane	8.159	97	3233	0.969	ug/l #	52
36) 1,1-Dichloropropene	8.371	75	2706	1.044	ug/l	85
37) Ethyl Acetate	7.547	43	2070	0.880	ug/l #	88
38) Carbon Tetrachloride	8.365	117	2768	0.942	ug/l #	76
39) Methylcyclohexane	9.606	83	2729	0.925	ug/l #	84
40) Benzene	8.594	78	7797	1.000	ug/l #	90
41) Methacrylonitrile	7.765	41	1496m	1.075	ug/l	
42) 1,2-Dichloroethane	8.671	62	2671	0.916	ug/l	83
43) Isopropyl Acetate	8.683	43	4202	0.986	ug/l #	98
44) Trichloroethene	9.347	130	1904	1.054	ug/l	99
45) 1,2-Dichloropropane	9.630	63	1824	0.968	ug/l #	83

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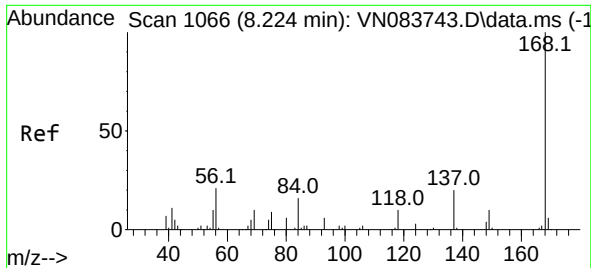
Manual Integrations
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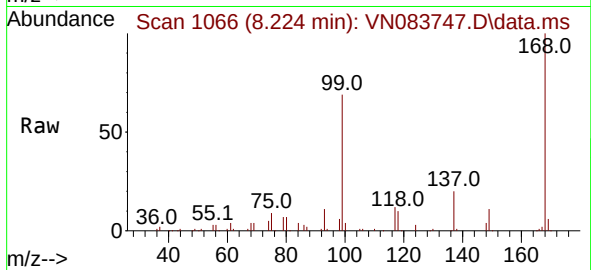
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	1144	0.866	ug/l	95
47) Bromodichloromethane	9.888	83	2654	0.929	ug/l #	88
48) Methyl methacrylate	9.688	41	1957	0.968	ug/l	98
49) 1,4-Dioxane	9.700	88	754	22.664	ug/l #	60
51) 4-Methyl-2-Pentanone	10.447	43	10889	4.693	ug/l	98
52) Toluene	10.624	92	4412	0.925	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	2794	0.965	ug/l	91
54) cis-1,3-Dichloropropene	10.312	75	2742	0.901	ug/l	90
55) 1,1,2-Trichloroethane	11.024	97	1858	1.043	ug/l #	65
56) Ethyl methacrylate	10.871	69	2275	0.830	ug/l	96
57) 1,3-Dichloropropane	11.165	76	2755	0.900	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.159	63	3831	3.880	ug/l	98
59) 2-Hexanone	11.194	43	7463	4.348	ug/l	95
60) Dibromochloromethane	11.353	129	1813	0.910	ug/l	92
61) 1,2-Dibromoethane	11.471	107	1838	1.035	ug/l	88
64) Tetrachloroethene	11.106	164	1497	1.025	ug/l	86
65) Chlorobenzene	11.888	112	5253	1.076	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.953	131	1672	0.988	ug/l #	65
67) Ethyl Benzene	11.965	91	8403	0.969	ug/l	91
68) m/p-Xylenes	12.076	106	6267	1.946	ug/l	95
69) o-Xylene	12.394	106	2885	0.926	ug/l	98
70) Styrene	12.412	104	4834	0.945	ug/l	99
71) Bromoform	12.576	173	981	0.860	ug/l #	92
73) Isopropylbenzene	12.694	105	6908	0.972	ug/l	99
74) N-amyl acetate	12.494	43	3100	1.022	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	2386	1.142	ug/l	84
76) 1,2,3-Trichloropropane	12.988	75	2066m	1.114	ug/l	
77) Bromobenzene	12.982	156	1996	1.167	ug/l	97
78) n-propylbenzene	13.035	91	8379	1.013	ug/l	98
79) 2-Chlorotoluene	13.123	91	5437	1.031	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	6080	1.015	ug/l	96
82) 4-Chlorotoluene	13.218	91	5495	1.038	ug/l	92
83) tert-Butylbenzene	13.435	119	5311	1.013	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	5912	0.982	ug/l	94
85) sec-Butylbenzene	13.618	105	6408	0.922	ug/l	93
86) p-Isopropyltoluene	13.729	119	5592	0.959	ug/l	95
87) 1,3-Dichlorobenzene	13.729	146	3851	1.193	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	3958m	1.210	ug/l	
89) n-Butylbenzene	14.053	91	5621	1.074	ug/l	93
90) Hexachloroethane	14.335	117	1285	1.097	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	3418	1.097	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.717	75	404	0.970	ug/l #	66
93) 1,2,4-Trichlorobenzene	15.394	180	1907	1.140	ug/l	90
94) Hexachlorobutadiene	15.500	225	848	1.194	ug/l #	47
95) Naphthalene	15.641	128	5160	1.014	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	1803	1.128	ug/l	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

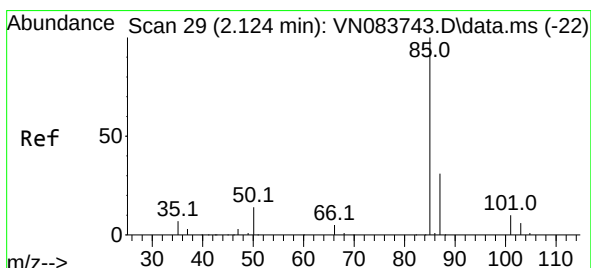
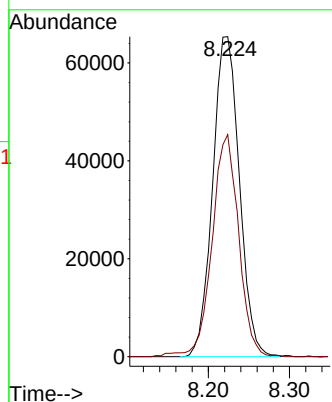
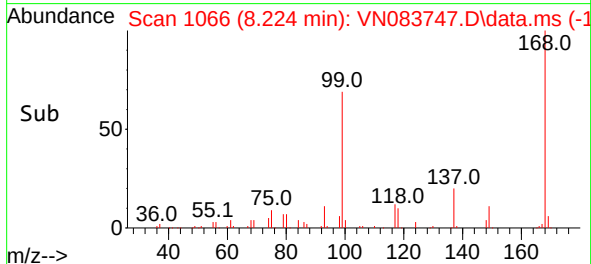
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



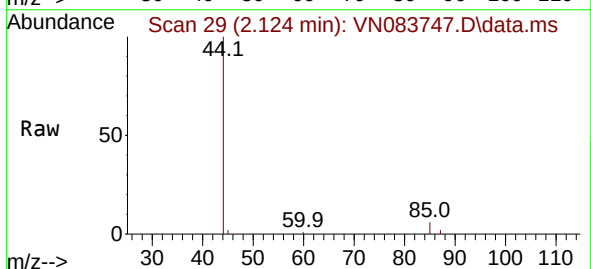
Tgt Ion:168 Resp: 14947
Ion Ratio Lower Upper
168 100
99 69.0 54.2 81.2

Manual Integrations
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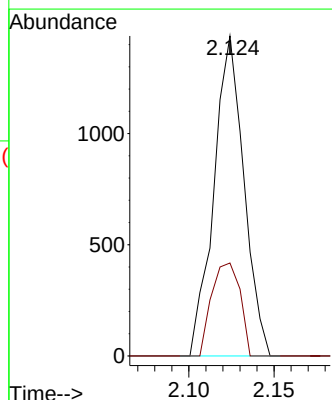
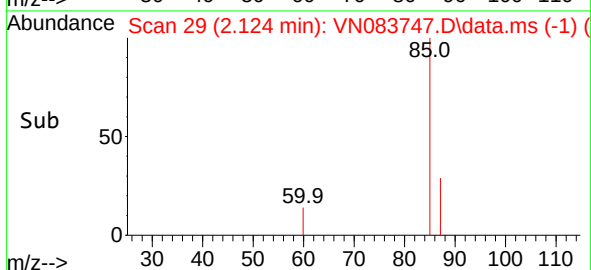
Reviewed By :John Carlone 09/11/2024
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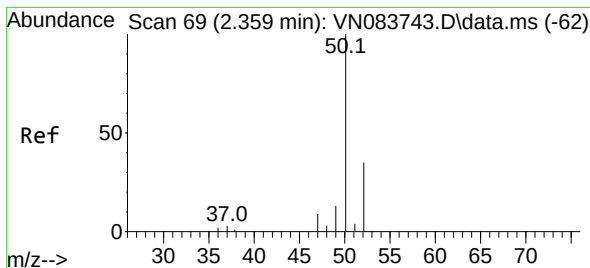


#2
Dichlorodifluoromethane
Concen: 1.018 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32



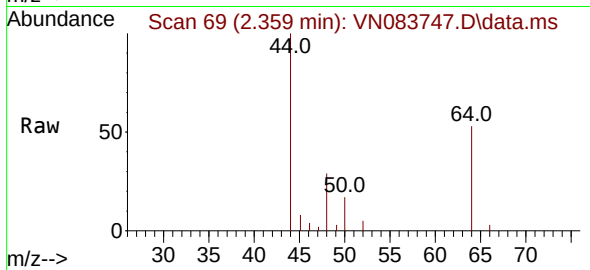
Tgt Ion: 85 Resp: 1767
Ion Ratio Lower Upper
85 100
87 29.0 15.7 47.0





#3
Chloromethane
Concen: 1.531 ug/l m
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

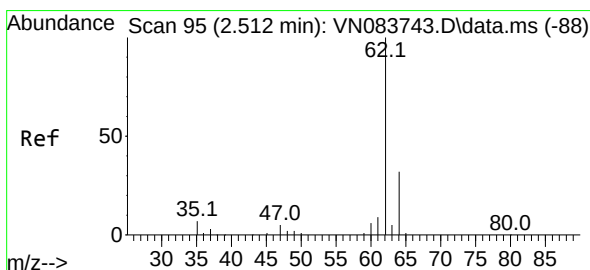
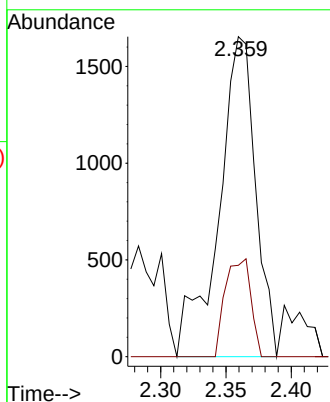
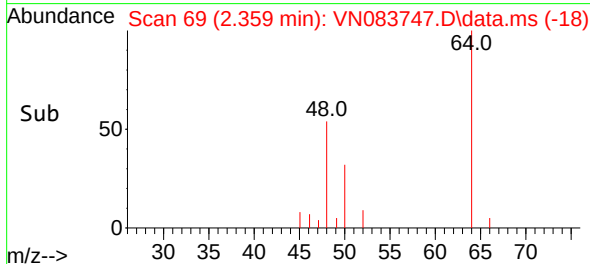
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 323
Ion Ratio Lower Upper
50 100
52 28.5 27.2 40.8

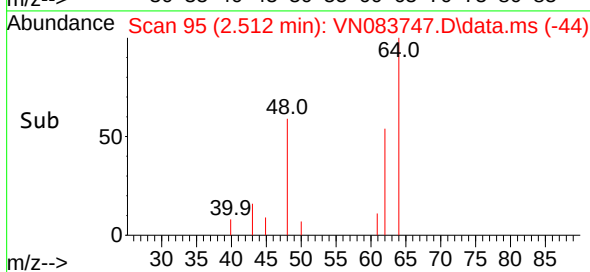
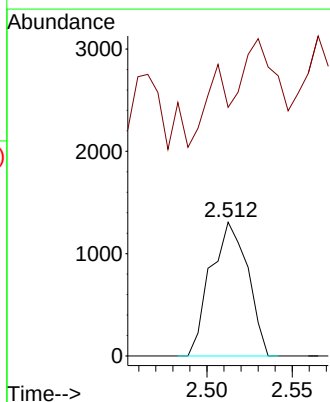
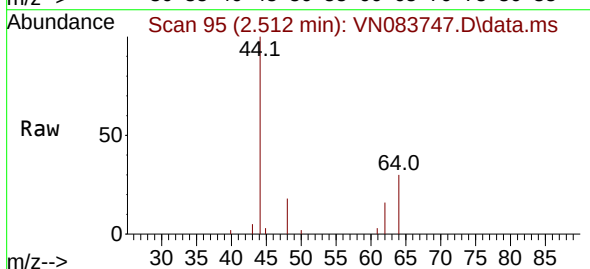
Manual Integrations
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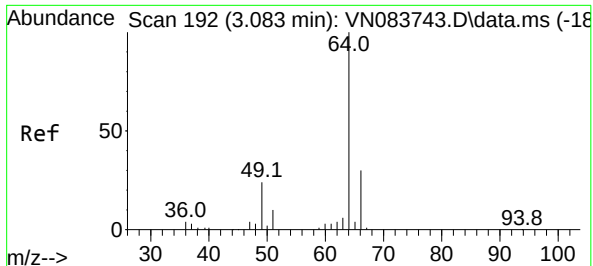
Reviewed By :John Carlone 09/11/2024
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#4
Vinyl Chloride
Concen: 1.042 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 62 Resp: 1982
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#





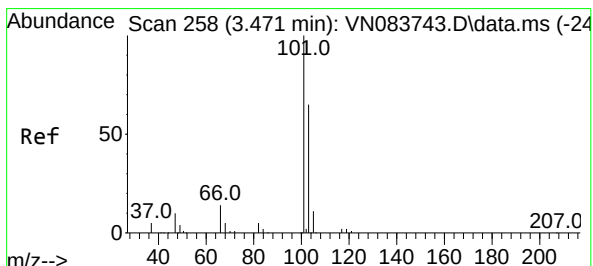
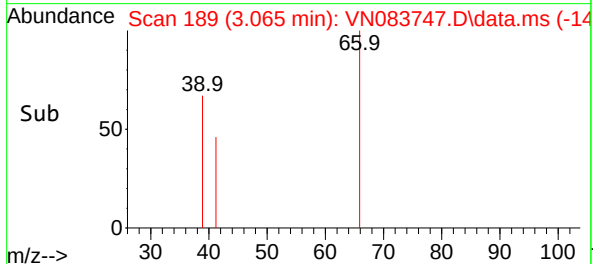
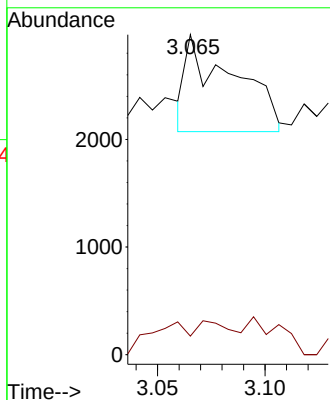
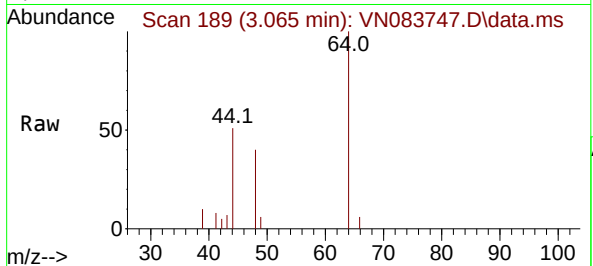
#6
Chloroethane
Concen: 1.064 ug/l m
RT: 3.065 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 1404
Ion Ratio Lower Upper
64 100
66 5.8 23.9 35.9

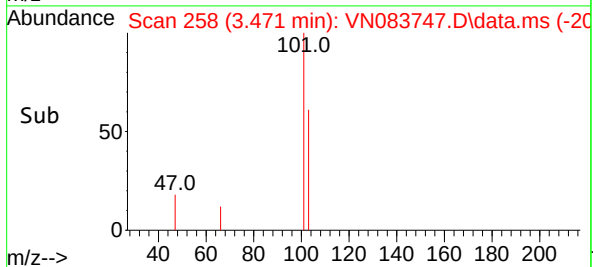
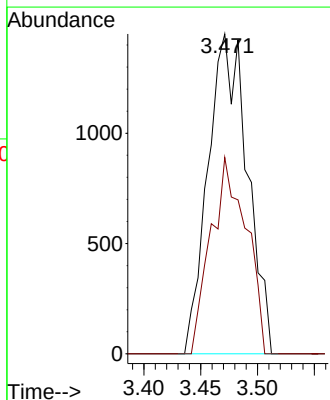
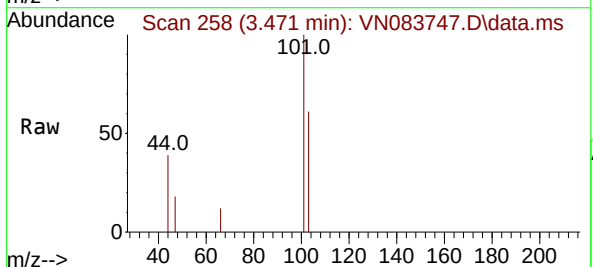
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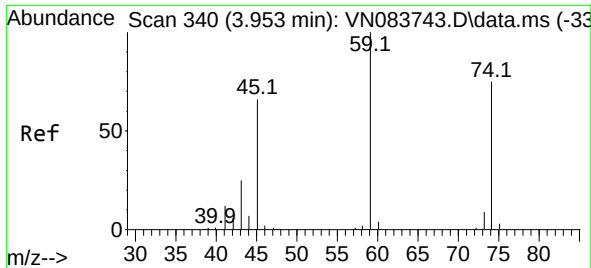
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#7
Trichlorofluoromethane
Concen: 1.080 ug/l
RT: 3.471 min Scan# 258
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

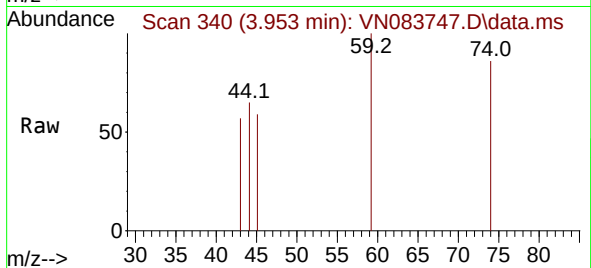
Tgt Ion:101 Resp: 3488
Ion Ratio Lower Upper
101 100
103 61.4 51.4 77.0





#8
Diethyl Ether
Concen: 0.886 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

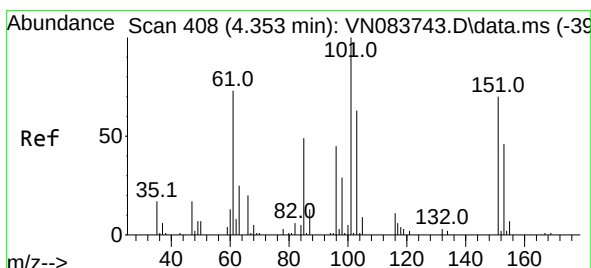
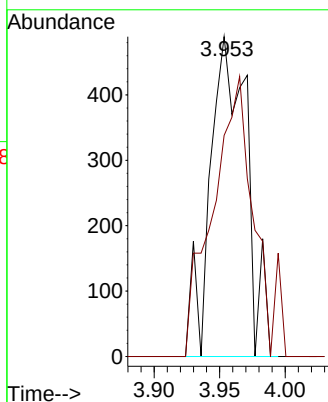
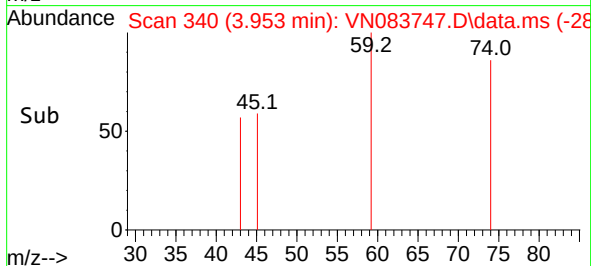
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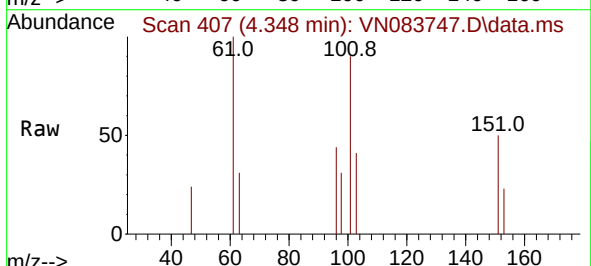
Tgt Ion: 74 Resp: 959
Ion Ratio Lower Upper
74 100
45 98.6 46.7 140.1

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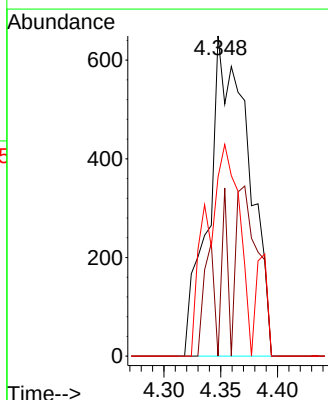
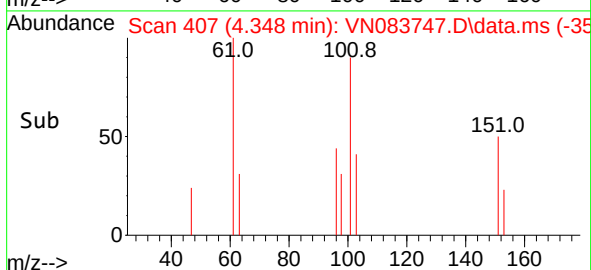
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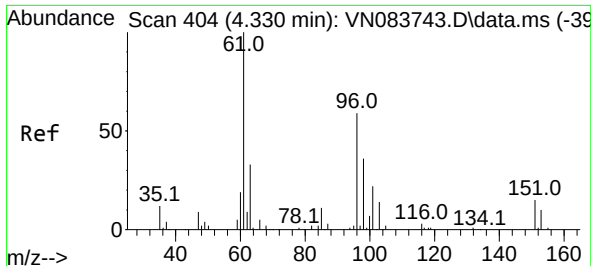


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.925 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32



Tgt Ion:101 Resp: 1583
Ion Ratio Lower Upper
101 100
85 9.0 36.2 54.4#
151 53.9 57.7 86.5#





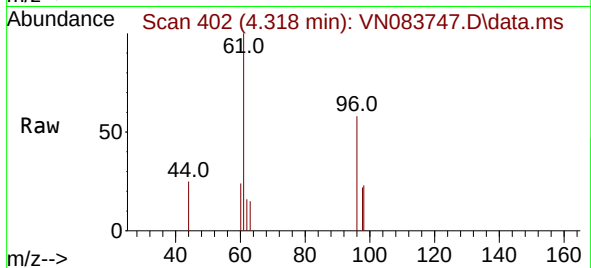
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1,1-Dichloroethene
Concen: 0.945 ug/l
RT: 4.318 min Scan# 404
Delta R.T. -0.012 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001



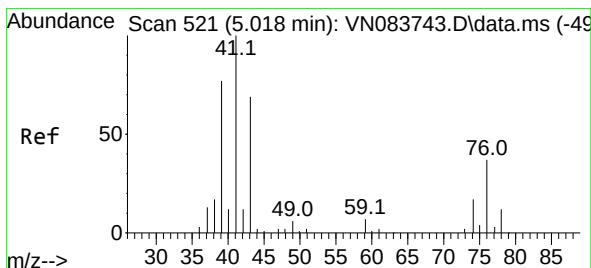
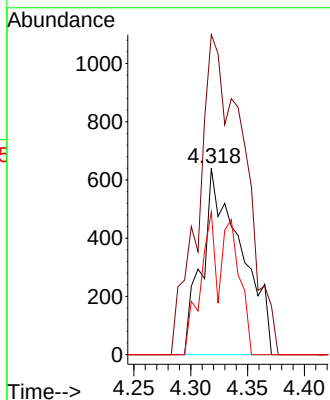
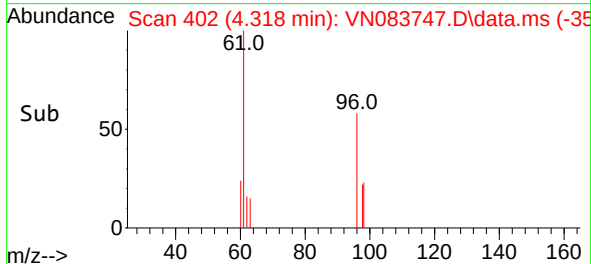
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Ion Ratio Lower Upper
96 100
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98 76.6 52.7 79.1

Manual Integrations

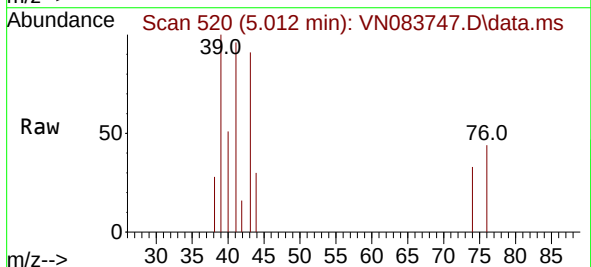
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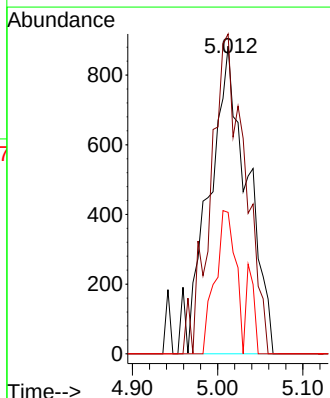
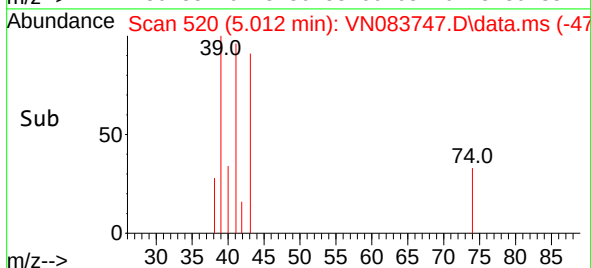
Supervised By :Semsettin Yesilyurt 09/11/2024

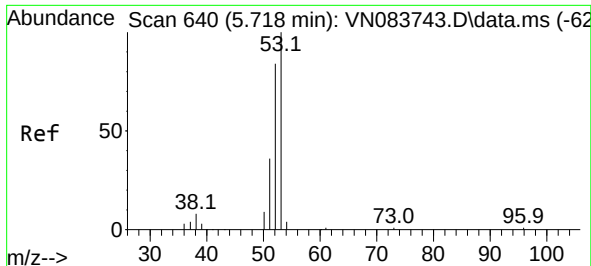


#14
Allyl chloride
Concen: 0.957 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32



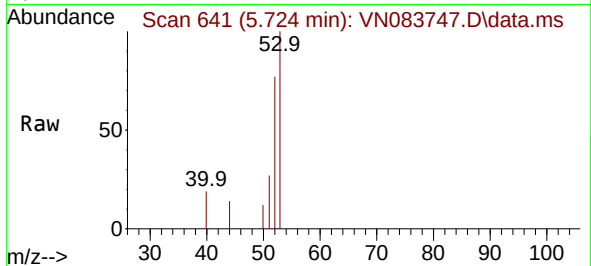
Tgt Ion: 41 Resp: 2756
Ion Ratio Lower Upper
41 100
39 92.7 59.3 88.9#
76 24.6 27.7 41.5#





#15
Acrylonitrile
Concen: 5.145 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

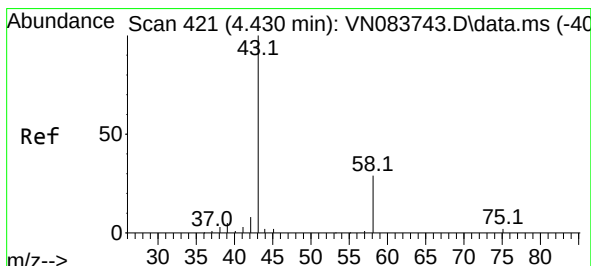
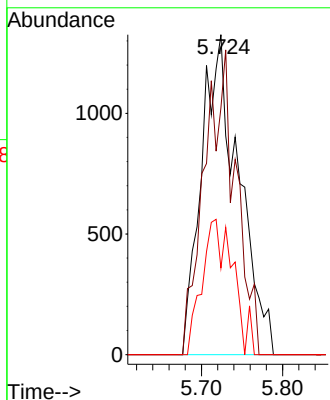
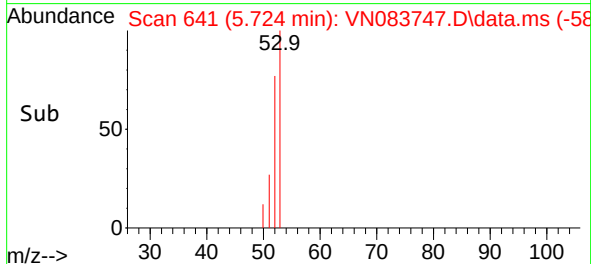
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



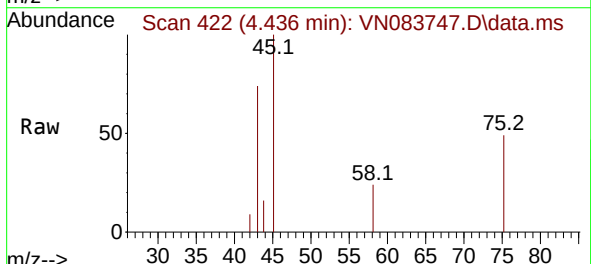
Tgt Ion: 53 Resp: 422
Ion Ratio Lower Upper
53 100
52 81.6 66.1 99.1
51 35.4 29.6 44.4

Manual Integrations
APPROVED

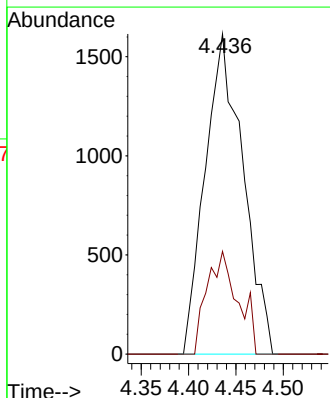
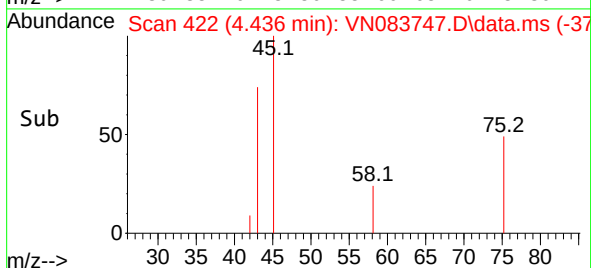
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

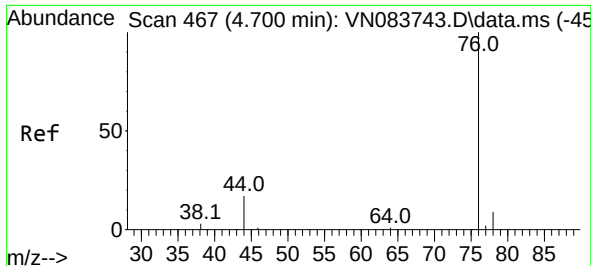


#16
Acetone
Concen: 4.952 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32



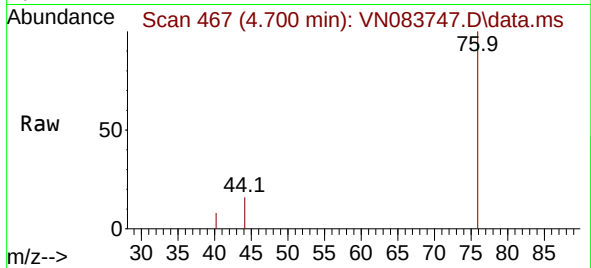
Tgt Ion: 43 Resp: 4474
Ion Ratio Lower Upper
43 100
58 32.1 23.7 35.5





#17
Carbon Disulfide
Concen: 1.126 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

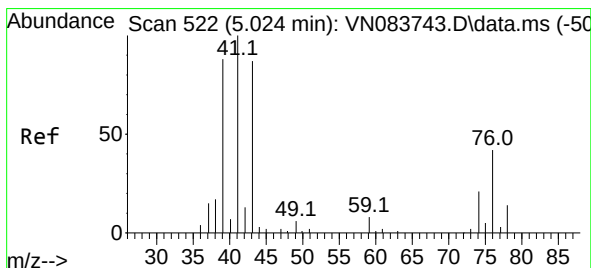
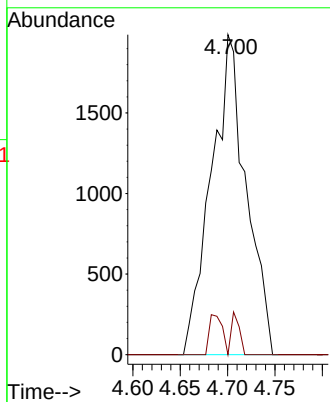
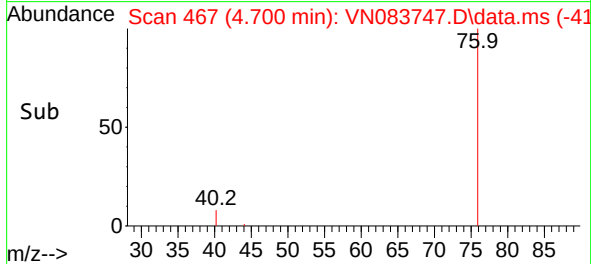
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 76 Resp: 5090
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7

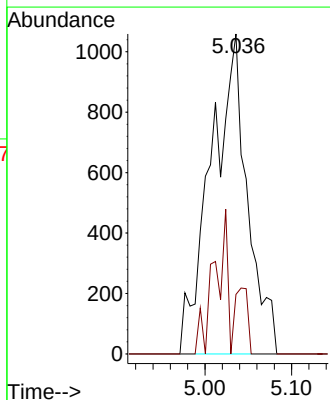
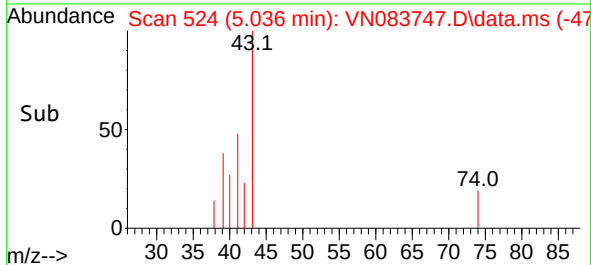
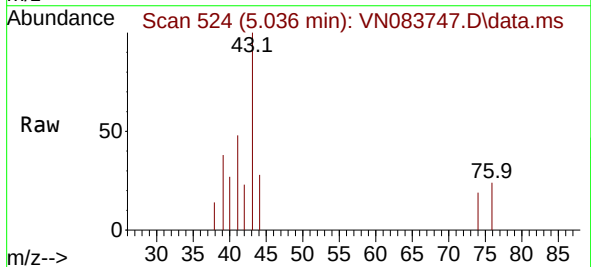
Manual Integrations
APPROVED

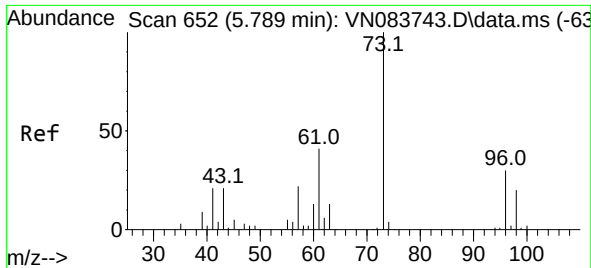
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#18
Methyl Acetate
Concen: 1.407 ug/l m
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 43 Resp: 3089
Ion Ratio Lower Upper
43 100
74 16.2 19.0 28.4





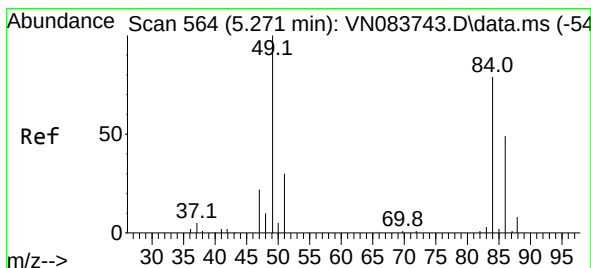
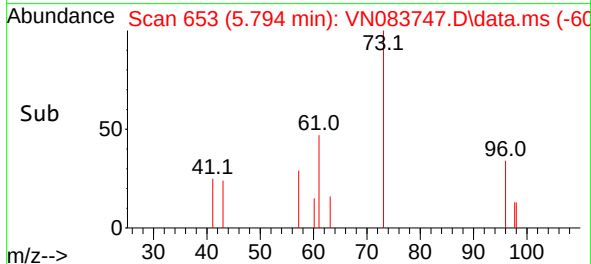
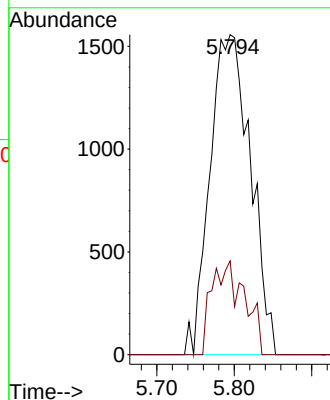
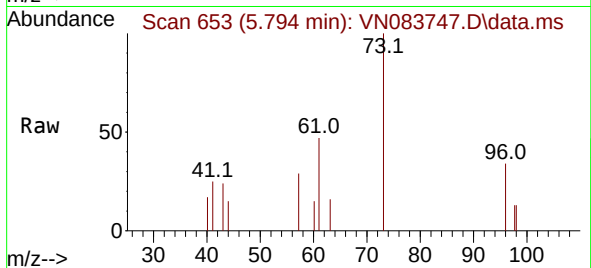
#19
Methyl tert-butyl Ether
Concen: 0.970 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 5672
Ion Ratio Lower Upper
73 100
57 29.3 17.0 25.6

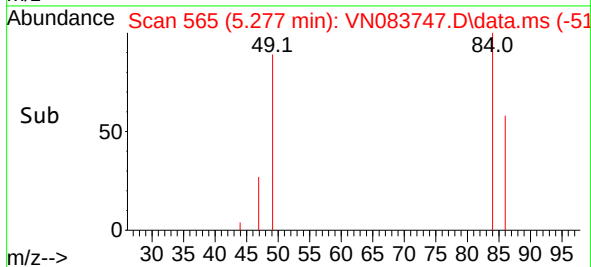
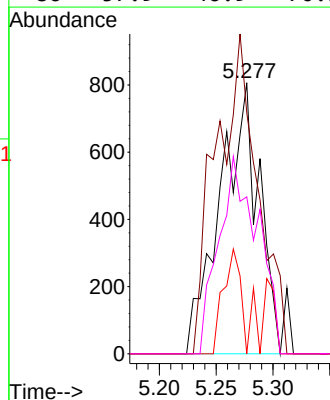
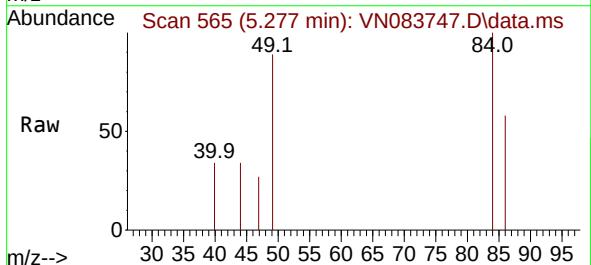
Manual Integrations
APPROVED

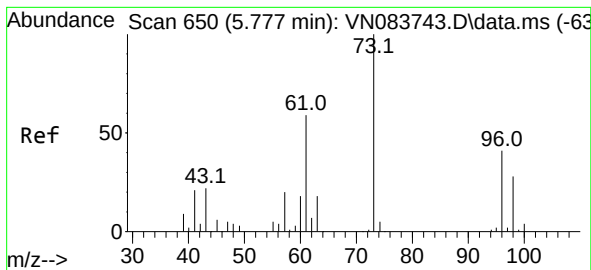
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#20
Methylene Chloride
Concen: 1.040 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 84 Resp: 1922
Ion Ratio Lower Upper
84 100
49 89.0 93.4 140.0#
51 0.0 29.2 43.8#
86 57.9 46.9 70.3





#21

trans-1,2-Dichloroethene

Concen: 1.007 ug/l

RT: 5.765 min Scan# 648

Delta R.T. -0.012 min

Lab File: VN083747.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

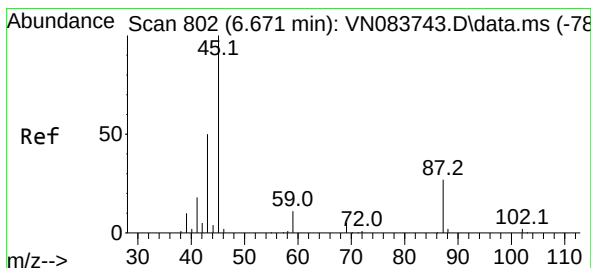
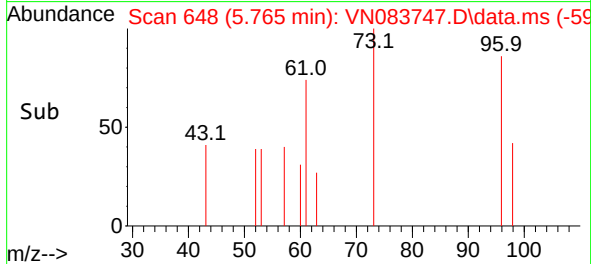
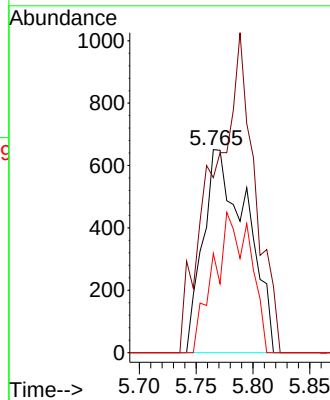
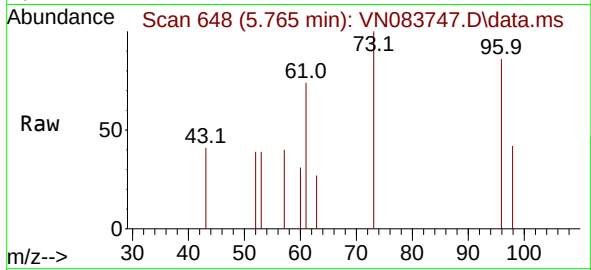
Tgt Ion:	96	Resp:	174
Ion	Ratio	Lower	Upper
96	100		
61	86.2	106.0	159.0
98	48.8	52.2	78.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#22

Diisopropyl ether

Concen: 0.937 ug/l

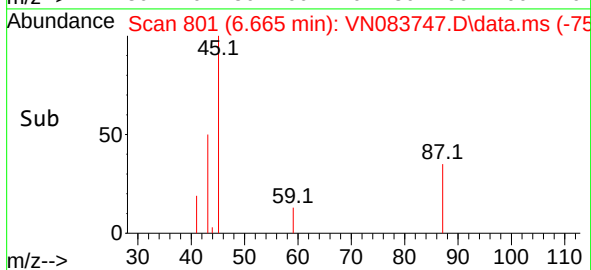
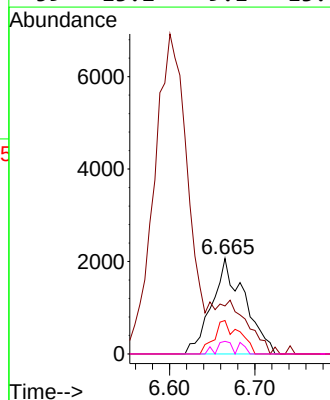
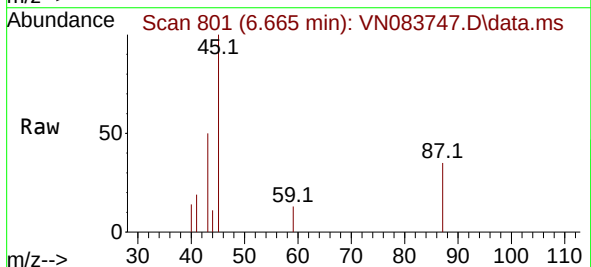
RT: 6.665 min Scan# 801

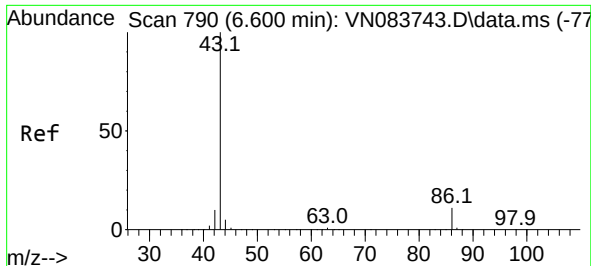
Delta R.T. -0.006 min

Lab File: VN083747.D

Acq: 10 Sep 2024 11:32

Tgt Ion:	45	Resp:	5555
Ion	Ratio	Lower	Upper
45	100		
43	50.3	43.4	65.0
87	35.1	22.6	33.8
59	13.2	9.1	13.7





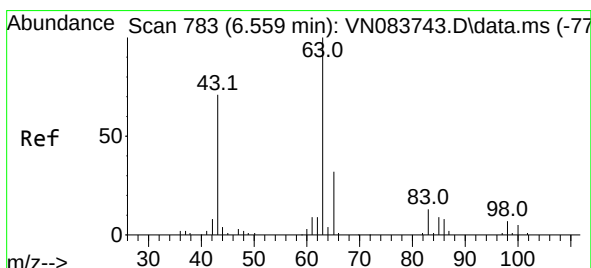
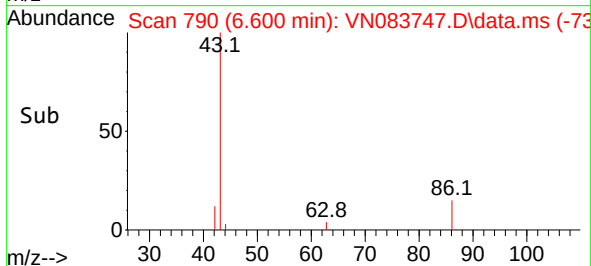
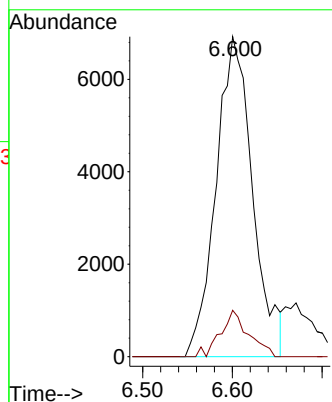
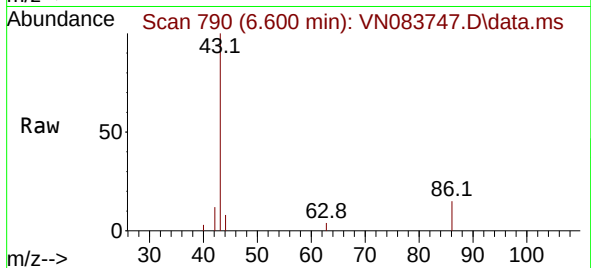
#23
 Vinyl Acetate
 Concen: 4.511 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083747.D
 Acq: 10 Sep 2024 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 1958
 Ion Ratio Lower Upper
 43 100
 86 14.5 8.7 13.1

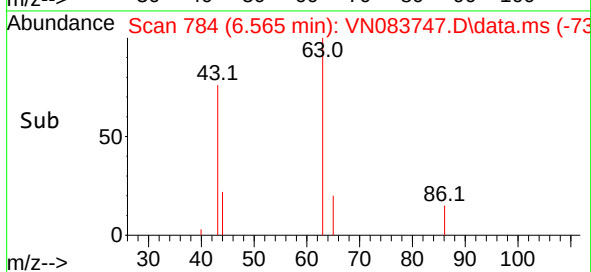
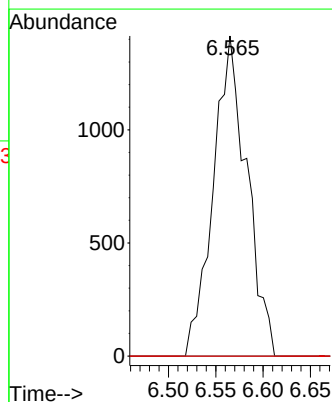
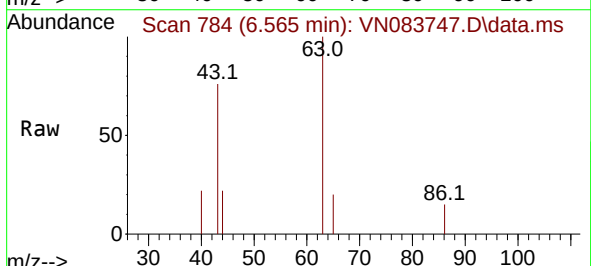
Manual Integrations
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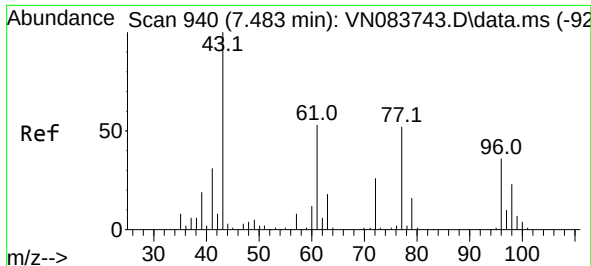
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#24
 1,1-Dichloroethane
 Concen: 1.022 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN083747.D
 Acq: 10 Sep 2024 11:32

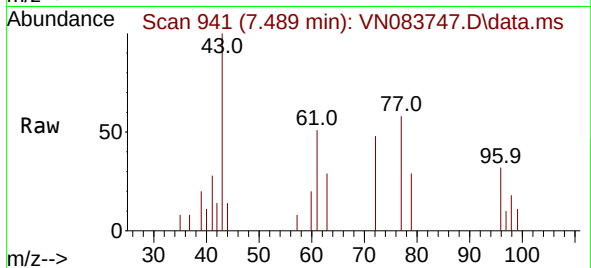
Tgt Ion: 63 Resp: 3493
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.5 7.5#





#25
2-Butanone
Concen: 5.160 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

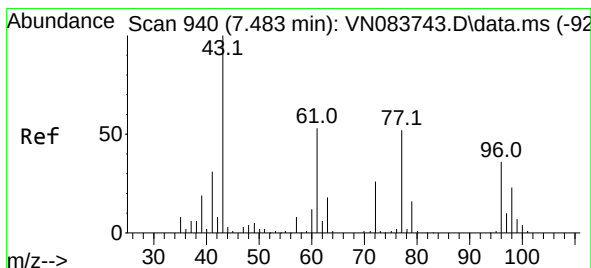
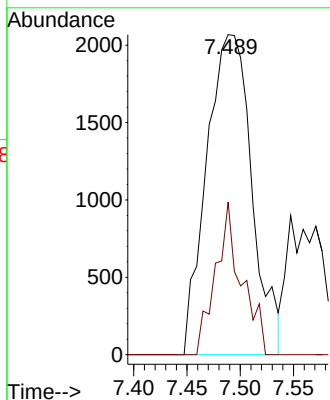
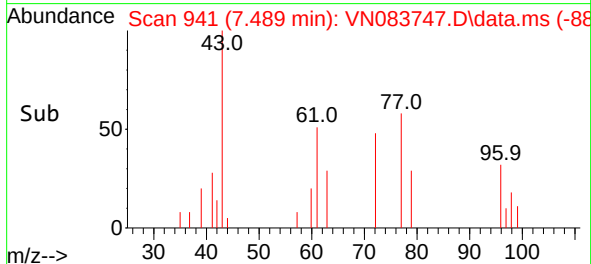
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
72 47.7 20.8 31.2

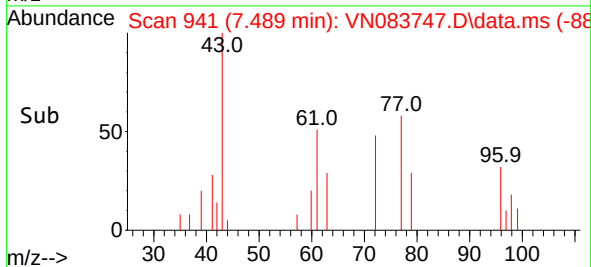
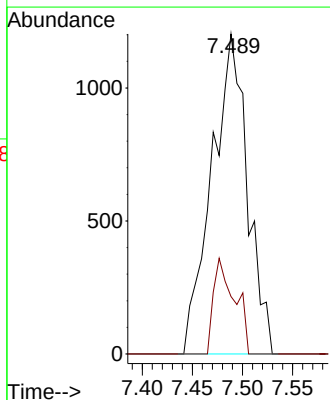
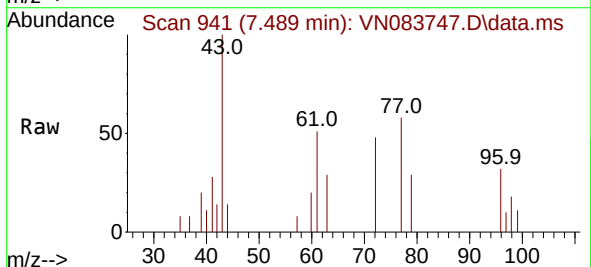
Manual Integrations
APPROVED

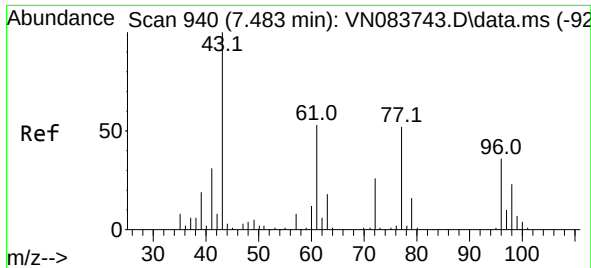
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#26
2,2-Dichloropropane
Concen: 0.948 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 77 Resp: 2982
Ion Ratio Lower Upper
77 100
97 17.7 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 0.998 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN083747.D
 Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

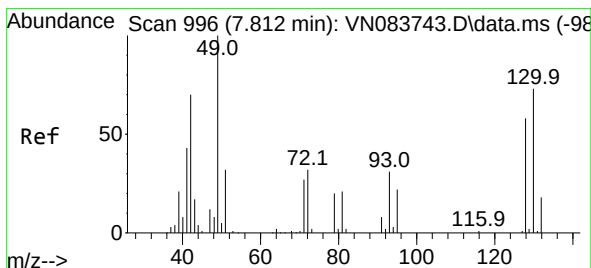
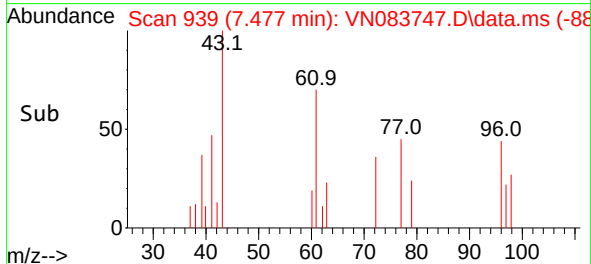
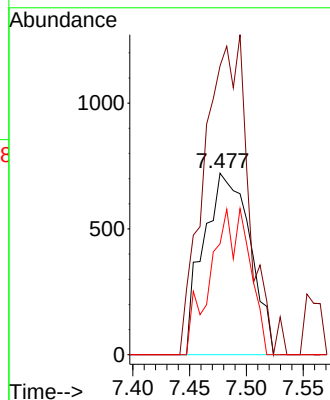
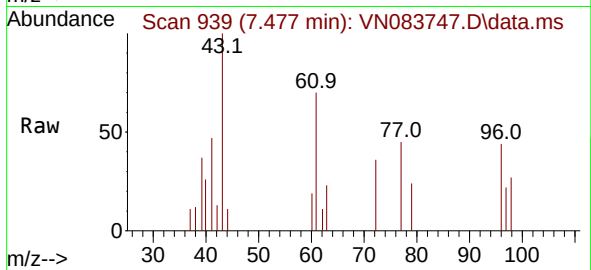
VSTDICC001

Tgt Ion: 96 Resp: 2052
 Ion Ratio Lower Upper
 96 100
 61 165.5 0.0 306.2
 98 67.2 0.0 128.6

Manual Integrations

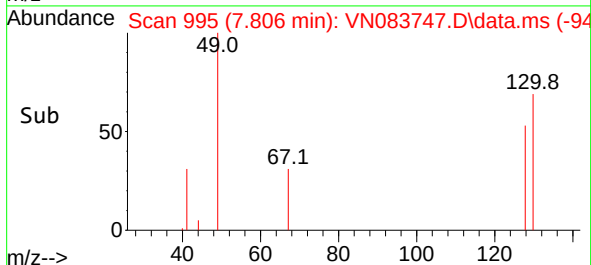
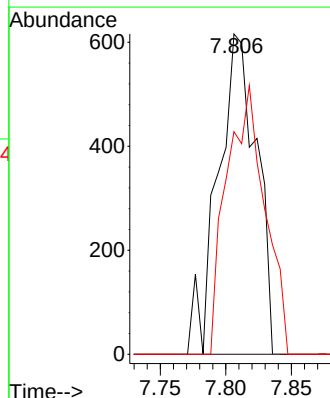
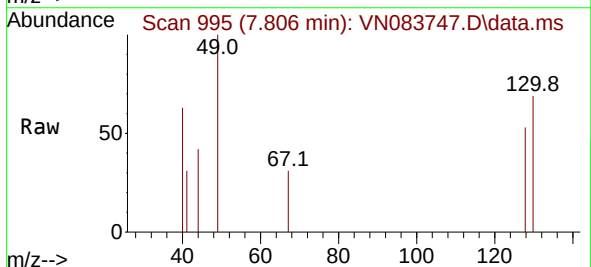
APPROVED

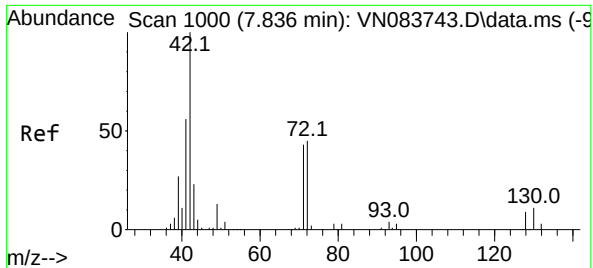
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#28
 Bromochloromethane
 Concen: 0.874 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN083747.D
 Acq: 10 Sep 2024 11:32

Tgt Ion: 49 Resp: 1257
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.4
 130 83.5 60.2 90.2





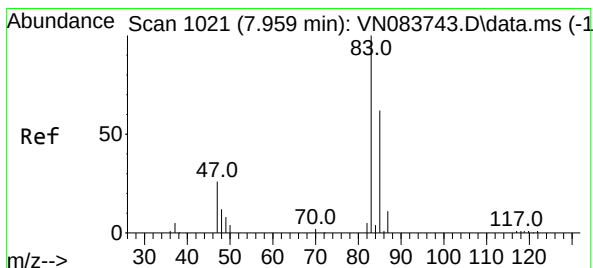
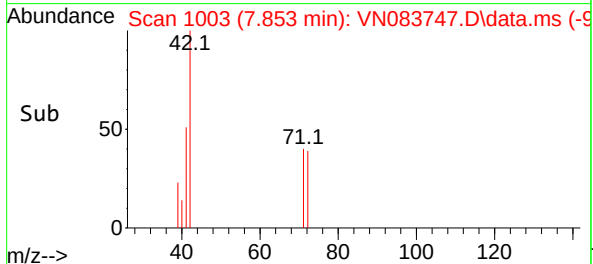
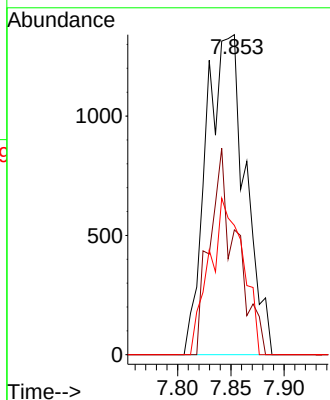
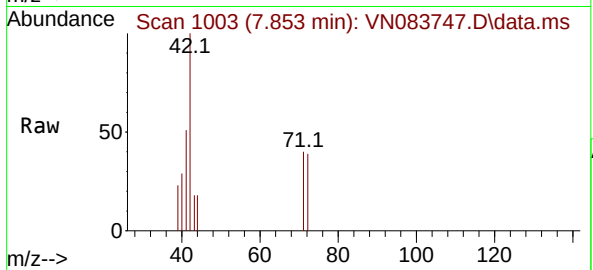
#29
Tetrahydrofuran
Concen: 4.893 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 42 Resp: 3430
Ion Ratio Lower Upper
42 100
72 44.4 35.9 53.9
71 41.6 33.9 50.9

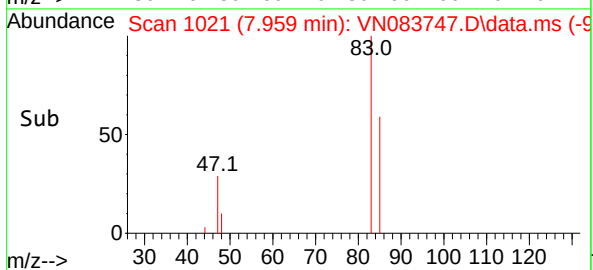
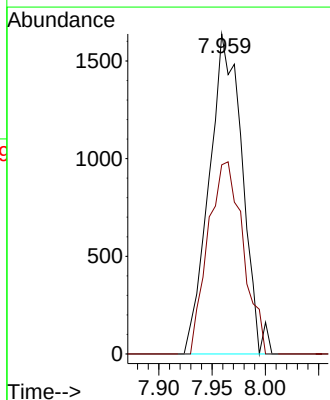
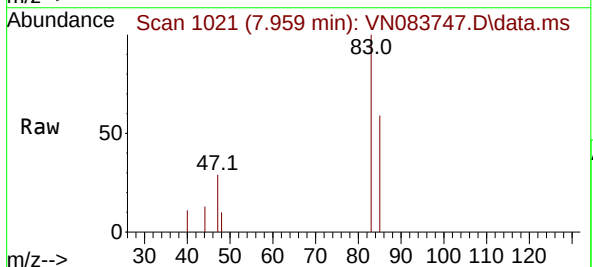
Manual Integrations
APPROVED

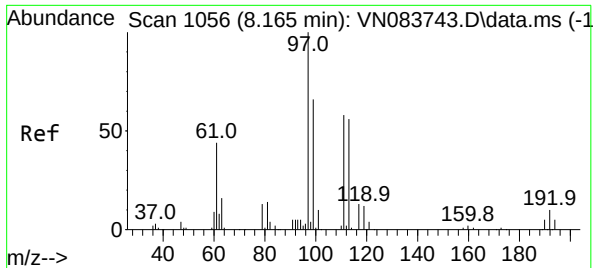
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#30
Chloroform
Concen: 0.973 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

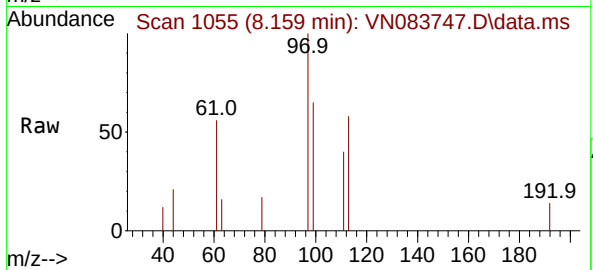
Tgt Ion: 83 Resp: 3528
Ion Ratio Lower Upper
83 100
85 59.1 52.8 79.2





#32
1,1,1-Trichloroethane
Concen: 0.969 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

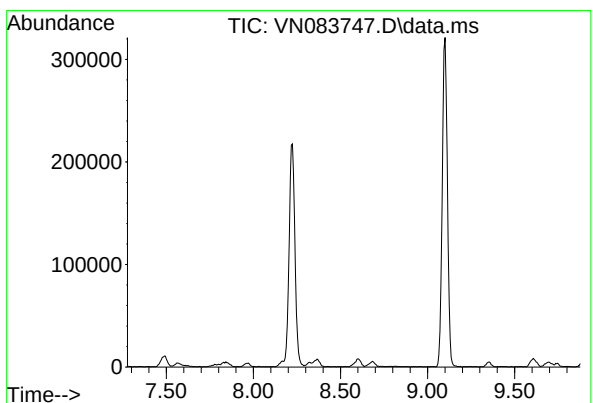
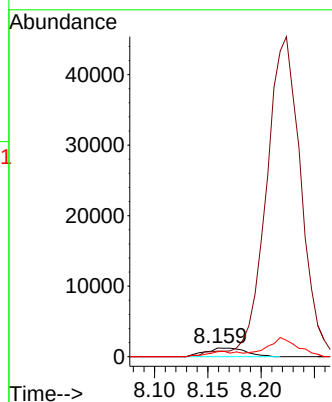
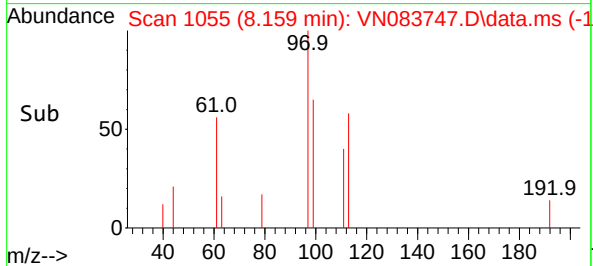
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 97 Resp: 323
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5
61 47.0 38.2 57.2

Manual Integrations
APPROVED

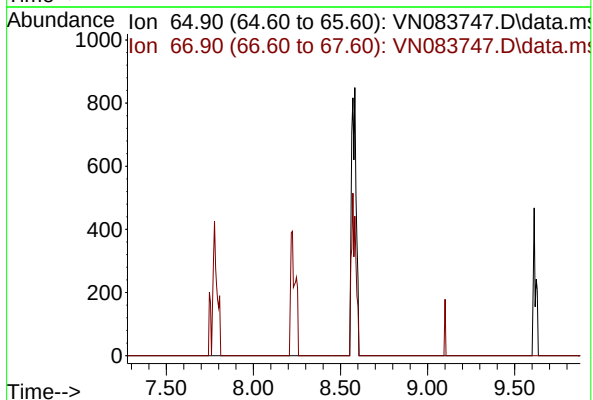
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

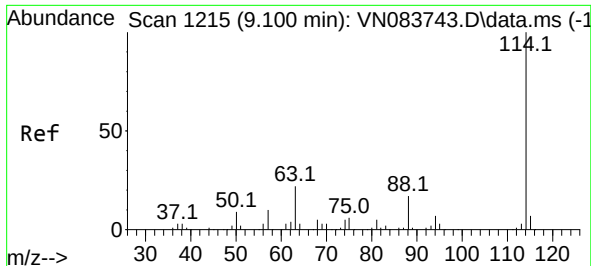


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.58 min

Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 65
Sig Exp Ratio
65 100
67 50.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

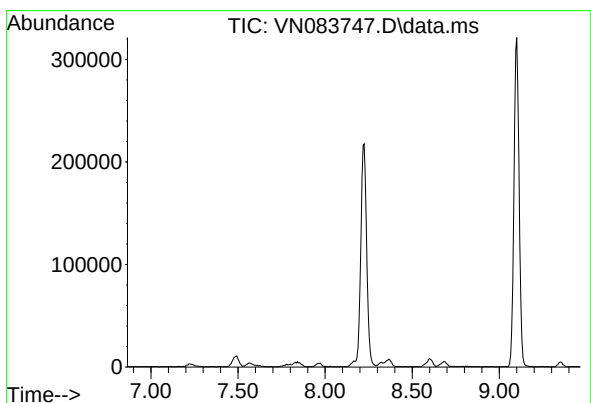
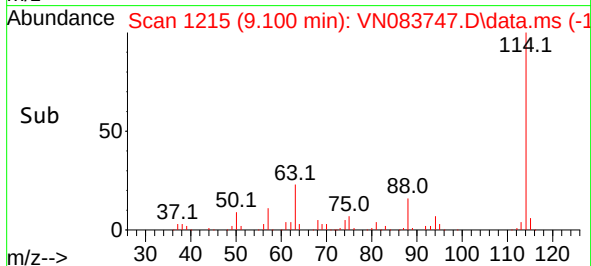
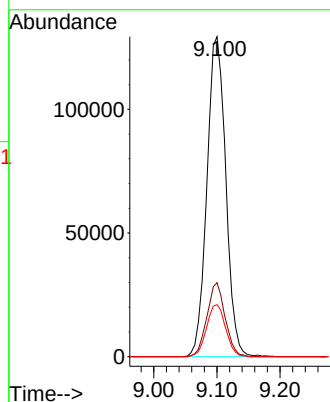
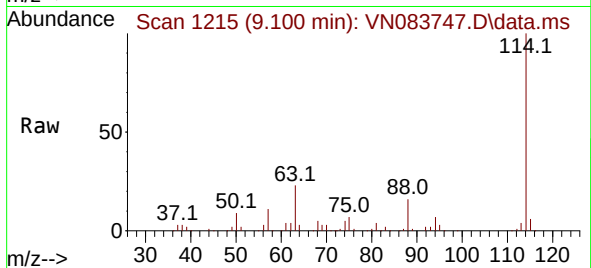
Tgt Ion:114 Resp: 268939
Ion Ratio Lower Upper
114 100
63 23.2 0.0 43.4
88 16.2 0.0 32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

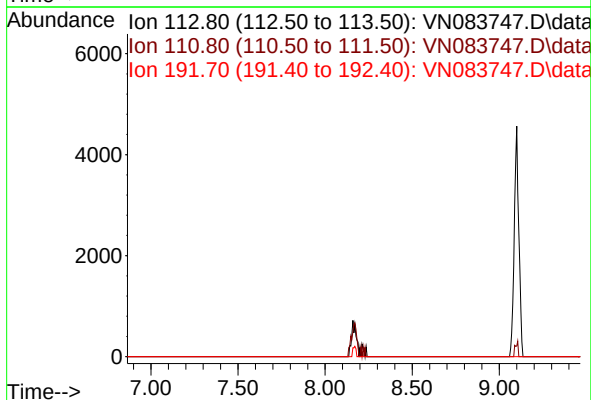
Supervised By :Semsettin Yesilyurt 09/11/2024

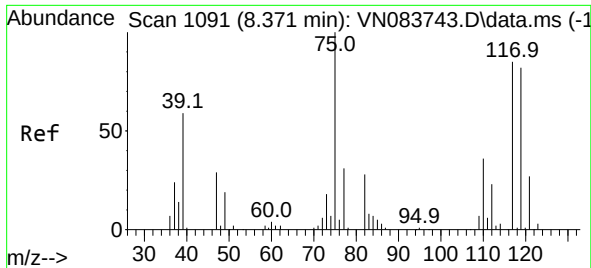


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.16 min

Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 113
Sig Exp Ratio
113 100
111 103.3
192 17.9





#36
1,1-Dichloropropene
Concen: 1.044 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

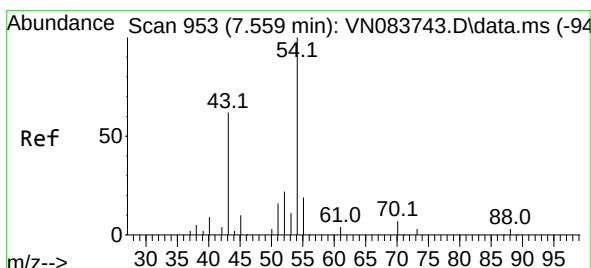
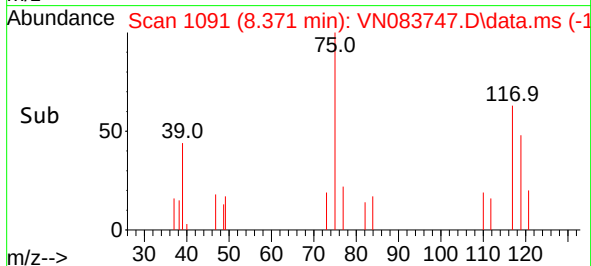
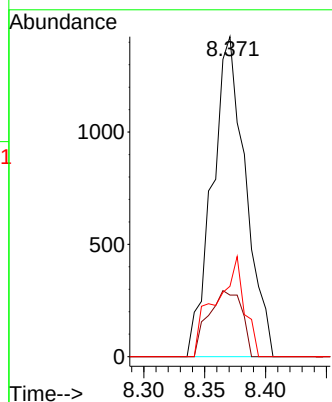
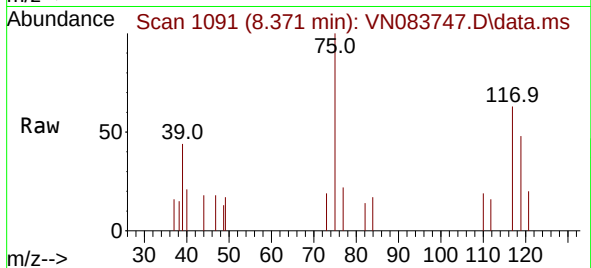
Tgt Ion: 75 Resp: 2700
Ion Ratio Lower Upper
75 100
110 20.7 16.7 50.1
77 27.2 25.2 37.8

Manual Integrations

APPROVED

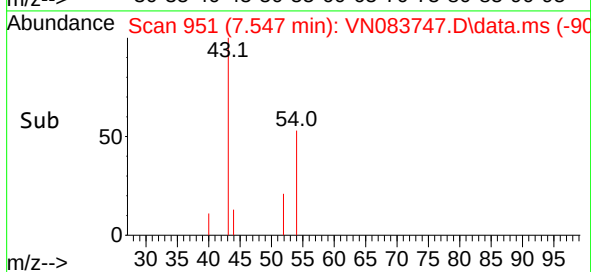
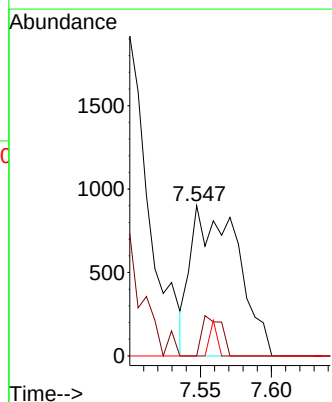
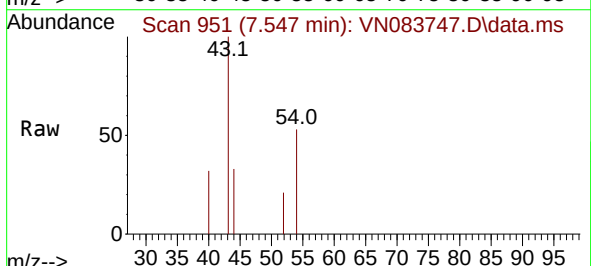
Reviewed By :John Carlone 09/11/2024

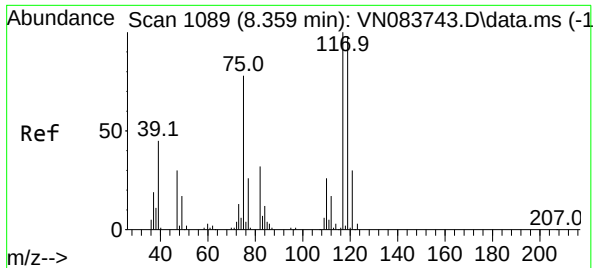
Supervised By :Semsettin Yesilyurt 09/11/2024



#37
Ethyl Acetate
Concen: 0.880 ug/l
RT: 7.547 min Scan# 951
Delta R.T. -0.012 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

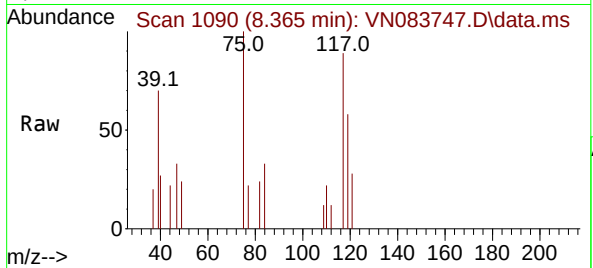
Tgt Ion: 43 Resp: 2070
Ion Ratio Lower Upper
43 100
61 11.1 11.1 16.7#
70 3.6 8.8 13.2#





#38
Carbon Tetrachloride
Concen: 0.942 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

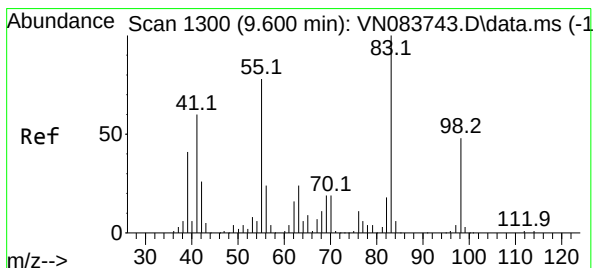
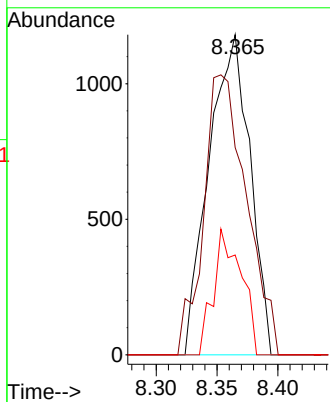
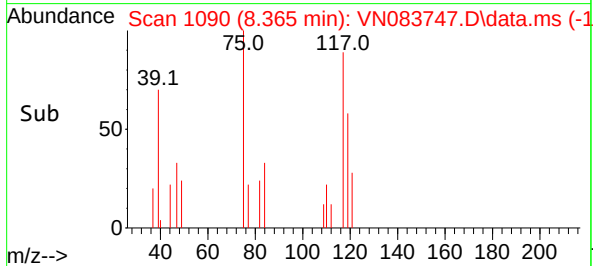
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



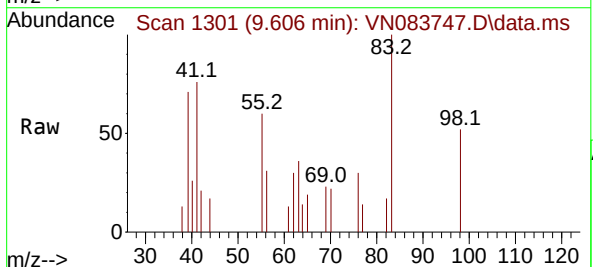
Tgt Ion: 117 Resp: 2768
Ion Ratio Lower Upper
117 100
119 64.8 76.1 114.1
121 31.2 24.1 36.1

Manual Integrations
APPROVED

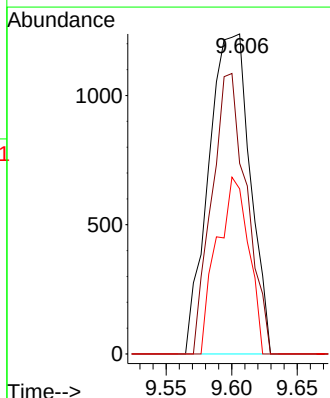
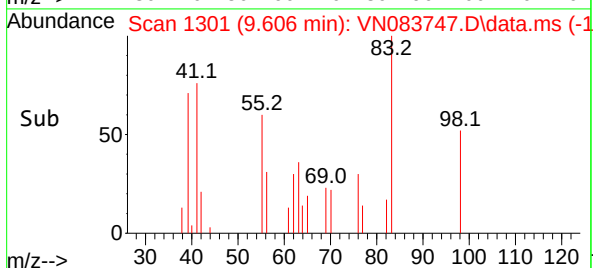
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

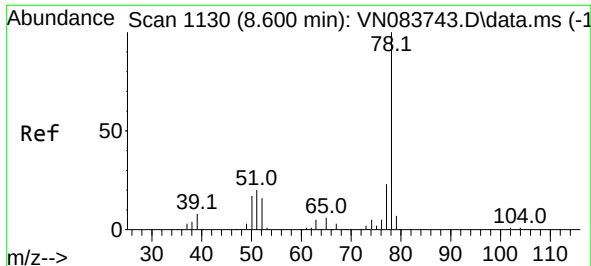


#39
Methylcyclohexane
Concen: 0.925 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32



Tgt Ion: 83 Resp: 2729
Ion Ratio Lower Upper
83 100
55 59.5 62.2 93.4
98 51.6 37.6 56.4





#40

Benzene

Concen: 1.000 ug/l

RT: 8.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN083747.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 78 Resp: 779

Ion Ratio Lower Upper

78 100

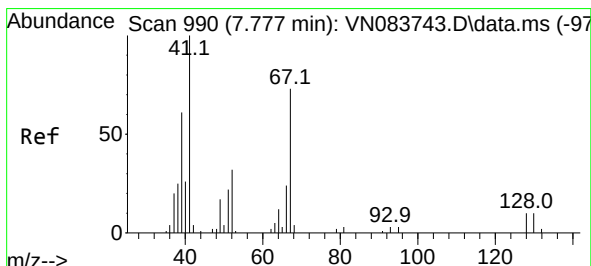
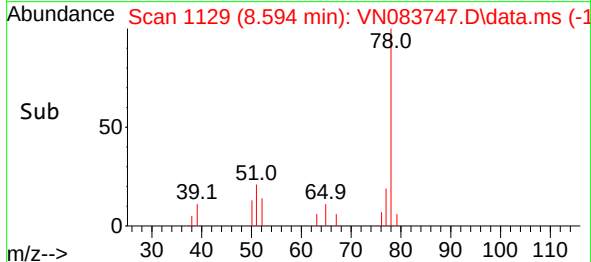
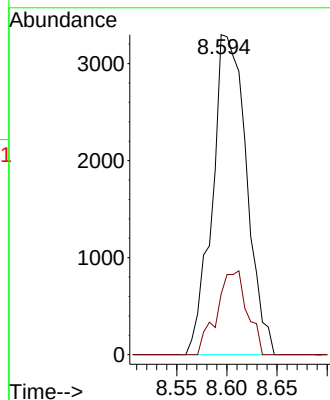
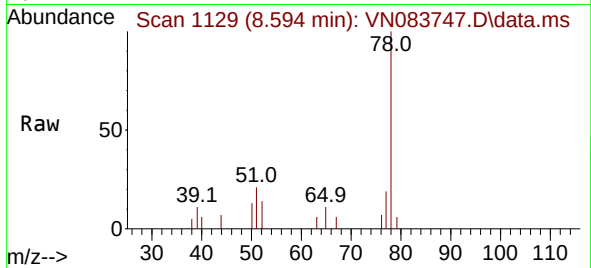
77 19.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#41

Methacrylonitrile

Concen: 1.075 ug/l m

RT: 7.765 min Scan# 988

Delta R.T. -0.012 min

Lab File: VN083747.D

Acq: 10 Sep 2024 11:32

Tgt Ion: 41 Resp: 1496

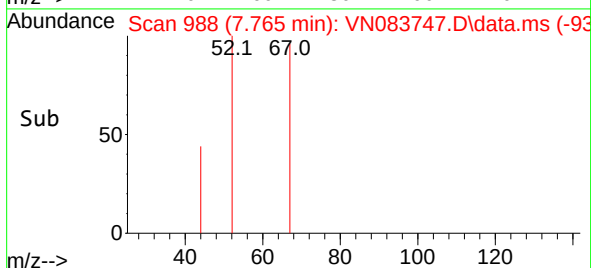
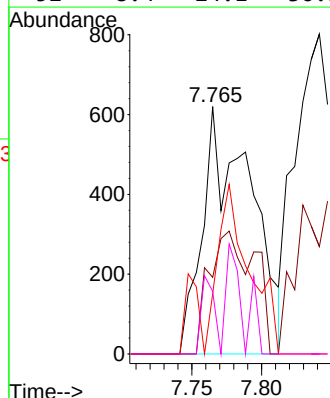
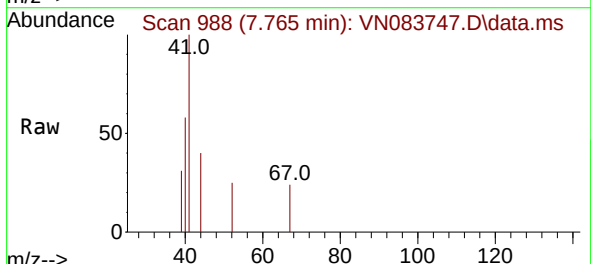
Ion Ratio Lower Upper

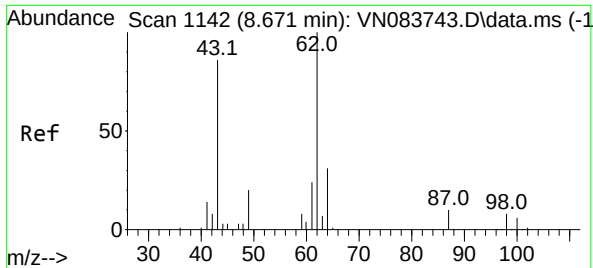
41 100

39 0.0 45.4 68.2#

67 8.7 55.9 83.9#

52 8.4 24.1 36.1#





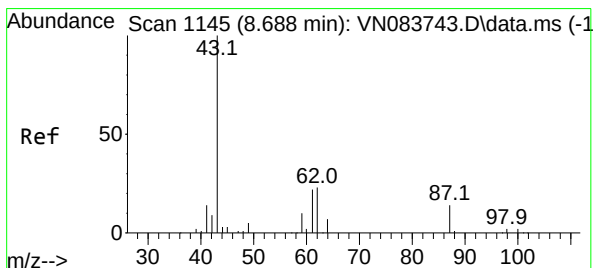
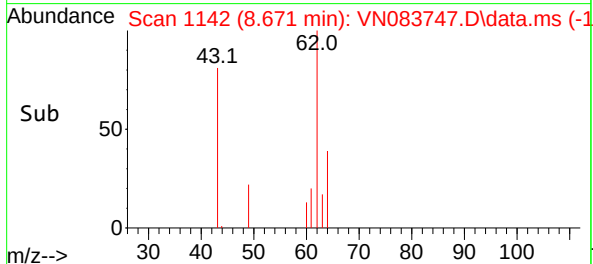
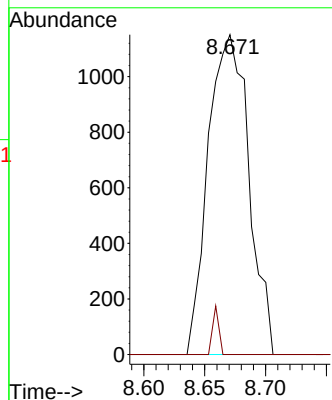
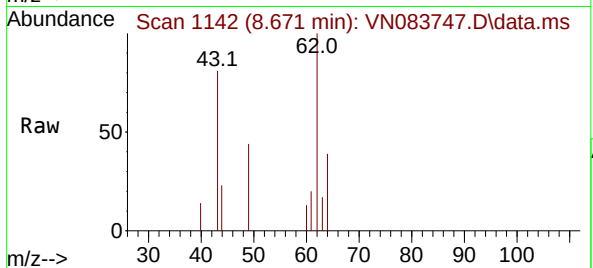
#42
1,2-Dichloroethane
Concen: 0.916 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 267
Ion Ratio Lower Upper
62 100
98 2.3 0.0 16.6

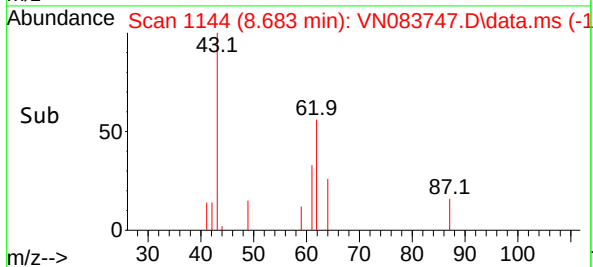
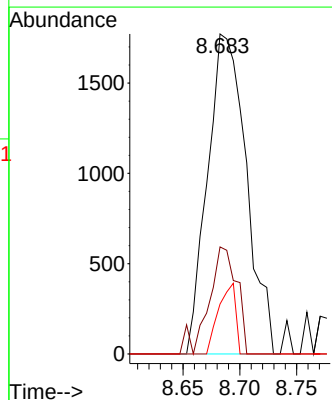
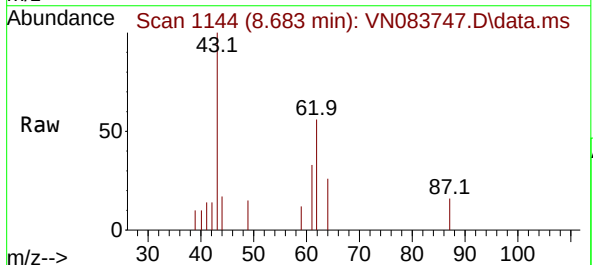
Manual Integrations
APPROVED

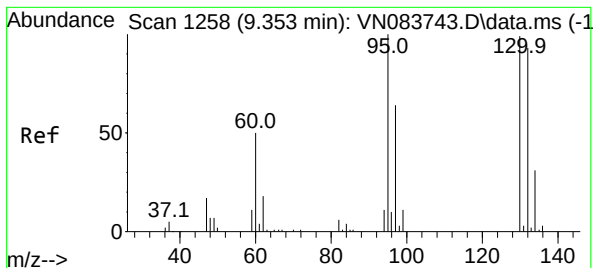
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#43
Isopropyl Acetate
Concen: 0.986 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 43 Resp: 4202
Ion Ratio Lower Upper
43 100
61 24.2 19.4 29.0
87 9.8 9.8 14.6





#44

Trichloroethene

Concen: 1.054 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083747.D

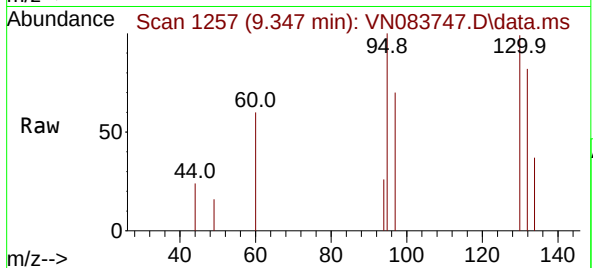
Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



Tgt Ion:130 Resp: 1904

Ion Ratio Lower Upper

130 100

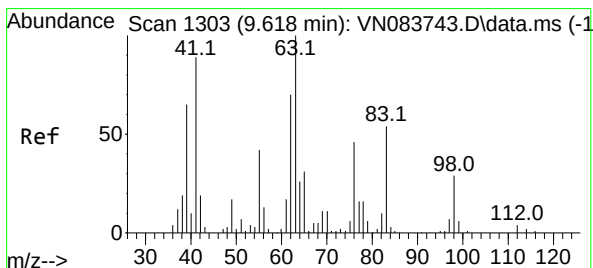
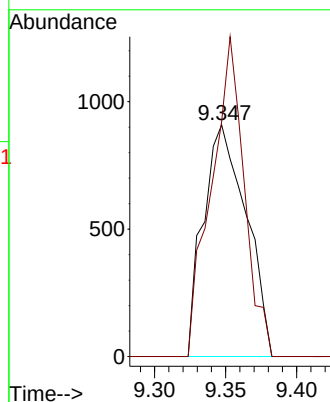
95 101.4 0.0 200.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#45

1,2-Dichloropropane

Concen: 0.968 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.012 min

Lab File: VN083747.D

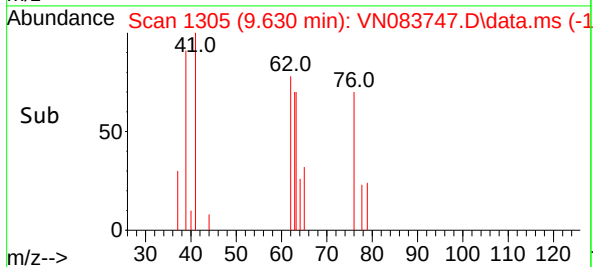
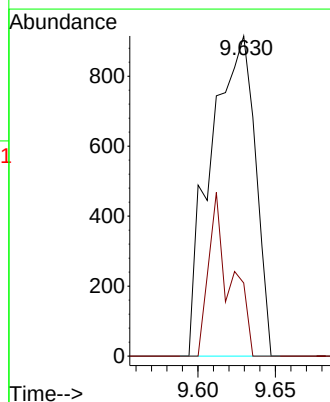
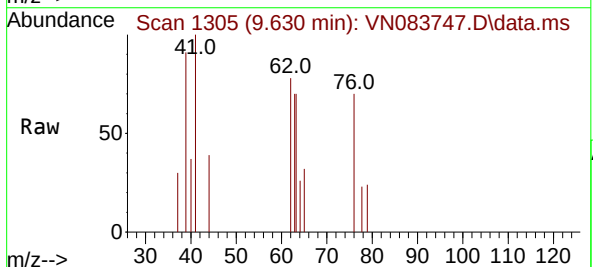
Acq: 10 Sep 2024 11:32

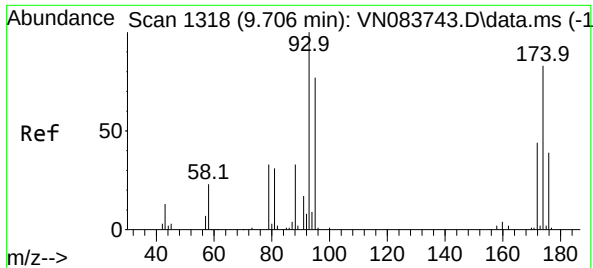
Tgt Ion: 63 Resp: 1824

Ion Ratio Lower Upper

63 100

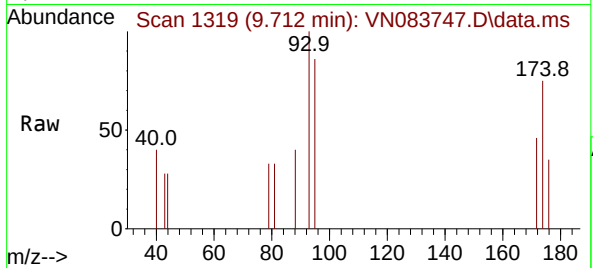
65 22.8 25.9 38.9#





#46
Dibromomethane
Concen: 0.866 ug/l
RT: 9.712 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

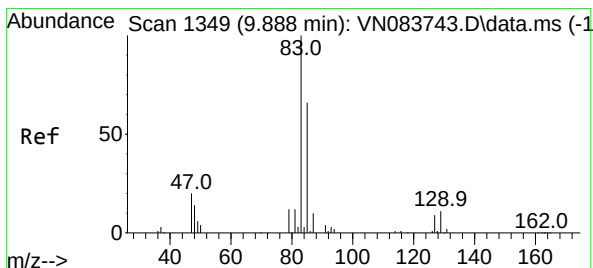
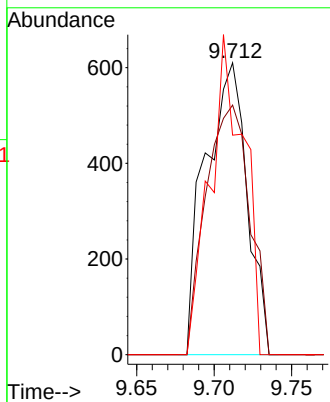
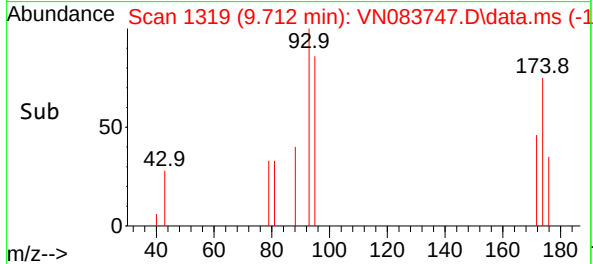
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 93 Resp: 1144
Ion Ratio Lower Upper
93 100
95 89.8 65.3 97.9
174 89.0 71.0 106.4

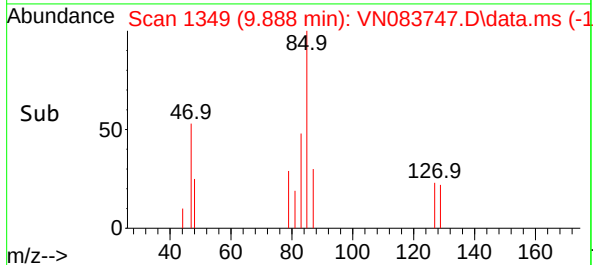
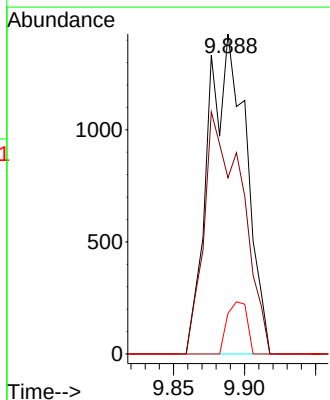
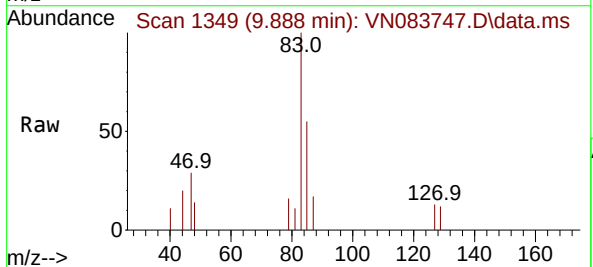
Manual Integrations
APPROVED

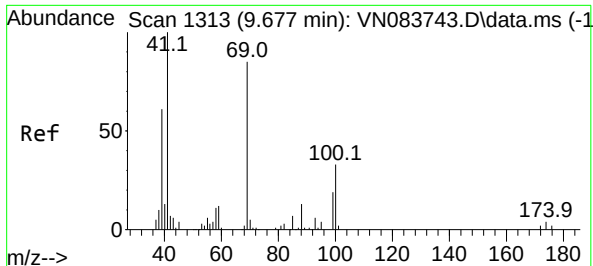
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#47
Bromodichloromethane
Concen: 0.929 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 83 Resp: 2654
Ion Ratio Lower Upper
83 100
85 55.0 51.8 77.8
127 12.7 6.6 9.8#





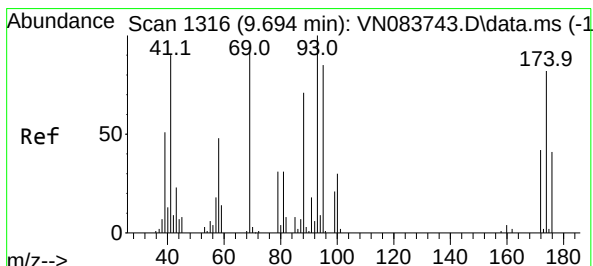
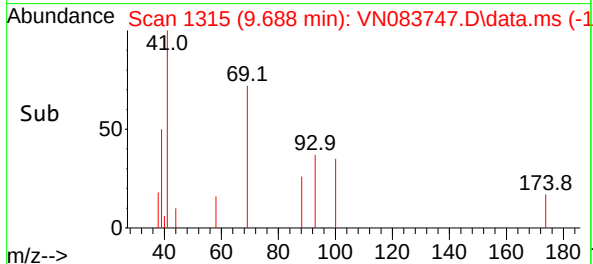
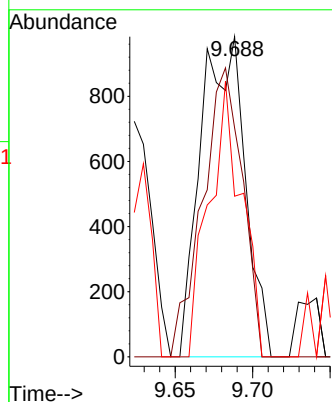
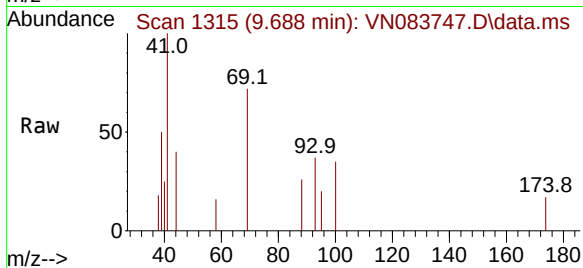
#48
Methyl methacrylate
Concen: 0.968 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.012 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 41 Resp: 195
Ion Ratio Lower Upper
41 100
69 81.4 64.3 96.5
39 63.4 48.9 73.3

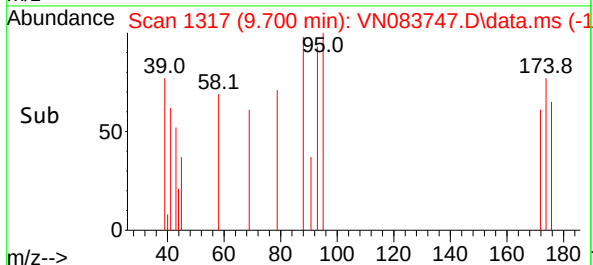
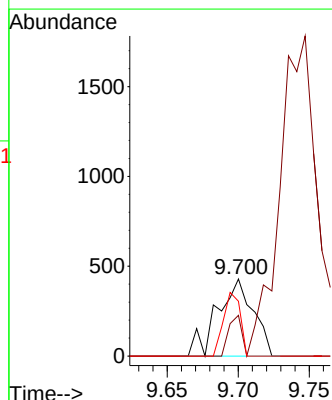
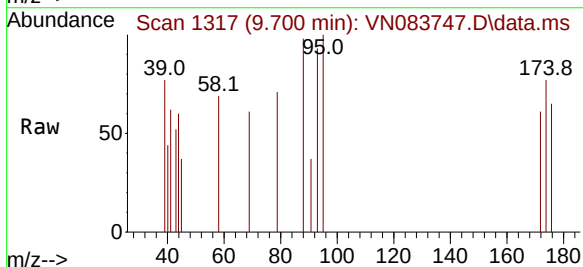
Manual Integrations
APPROVED

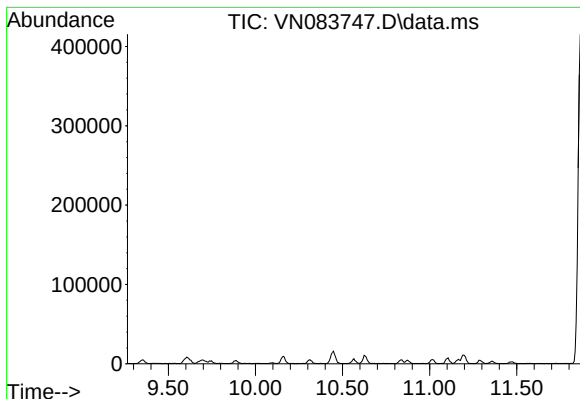
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#49
1,4-Dioxane
Concen: 22.664 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 88 Resp: 754
Ion Ratio Lower Upper
88 100
43 19.1 0.0 0.0#
58 38.5 57.1 85.7#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.56 min

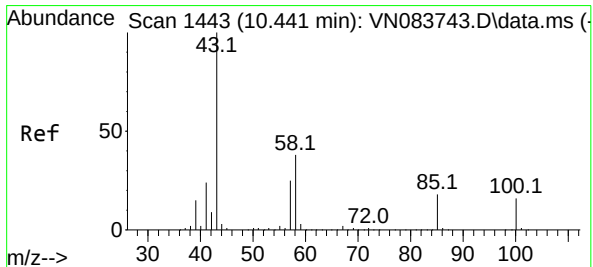
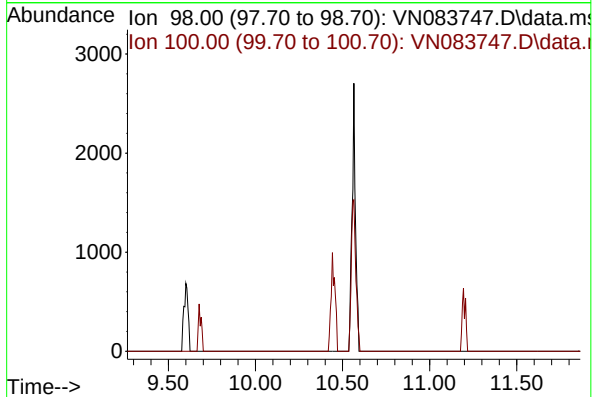
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.0

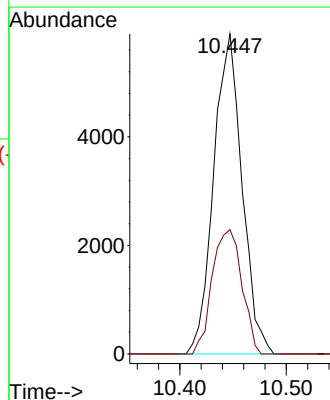
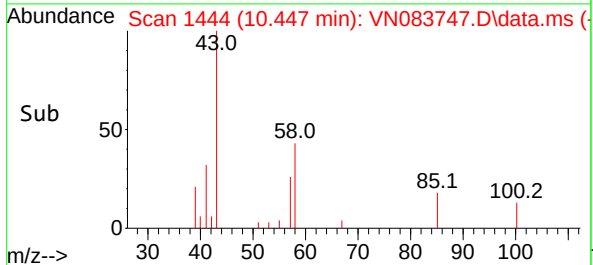
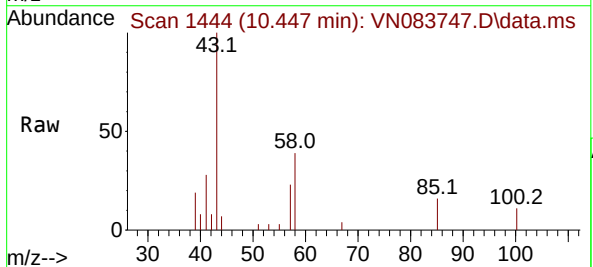
Manual Integrations APPROVED

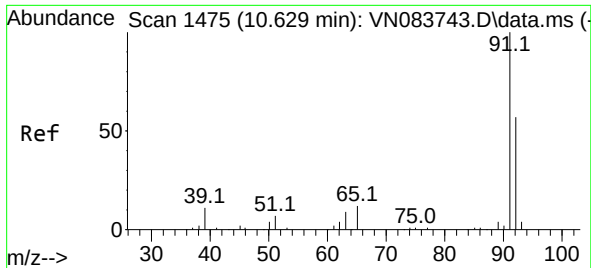
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#51
4-Methyl-2-Pentanone
Concen: 4.693 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

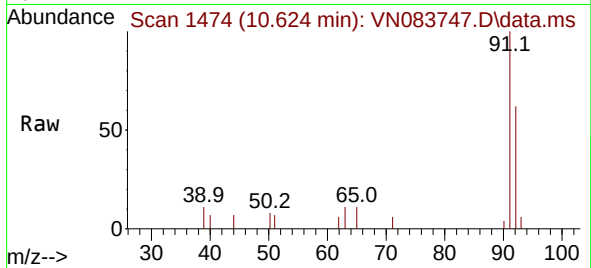
Tgt Ion: 43 Resp: 10889
Ion Ratio Lower Upper
43 100
58 40.7 31.6 47.4





#52
Toluene
Concen: 0.925 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

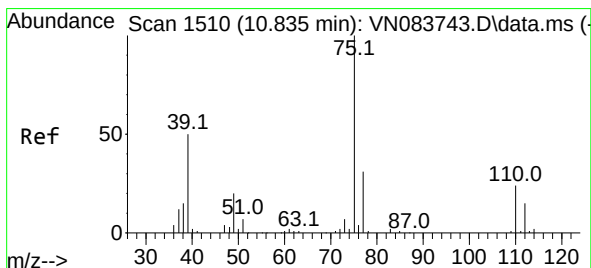
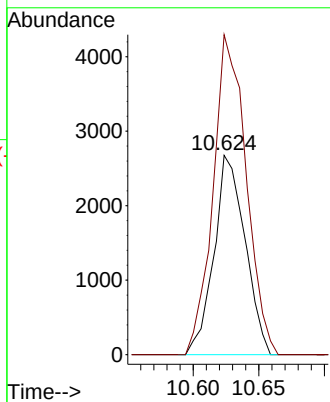
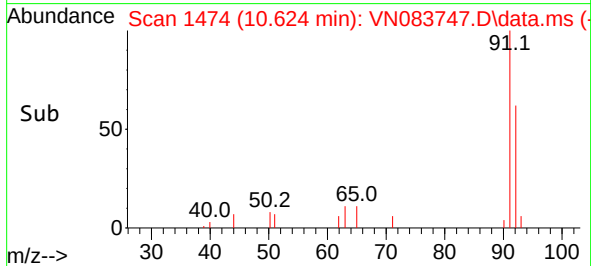
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 92 Resp: 4412
Ion Ratio Lower Upper
92 100
91 170.6 134.7 202.1

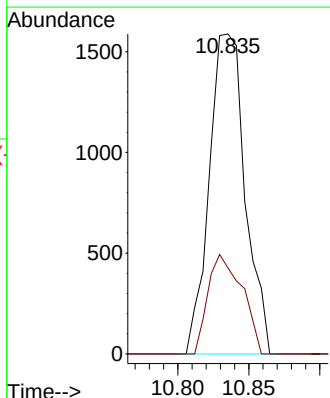
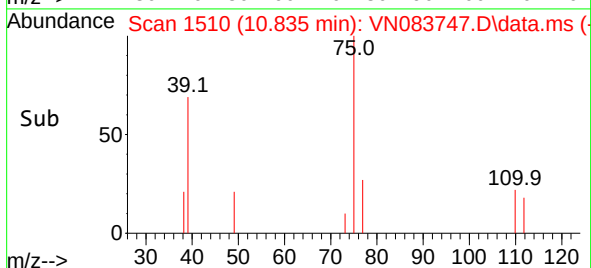
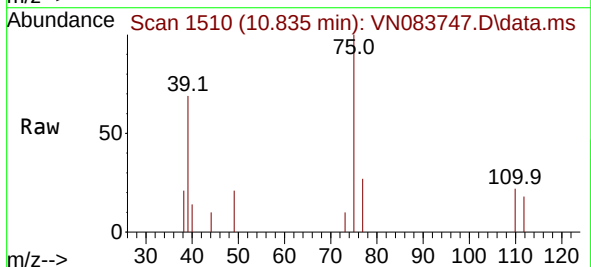
Manual Integrations
APPROVED

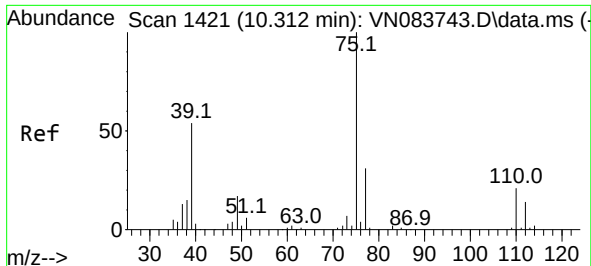
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#53
t-1,3-Dichloropropene
Concen: 0.965 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 75 Resp: 2794
Ion Ratio Lower Upper
75 100
77 26.9 25.8 38.6





#54
 cis-1,3-Dichloropropene
 Concen: 0.901 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083747.D
 Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

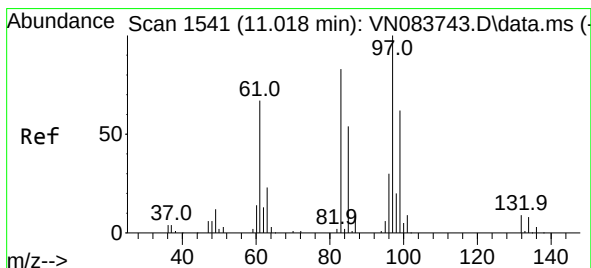
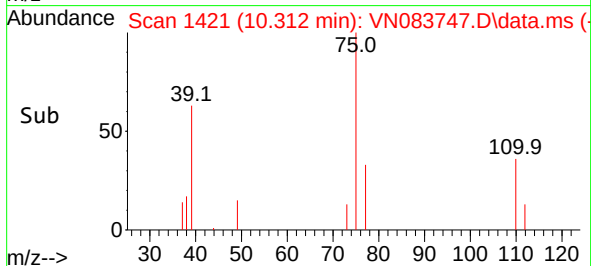
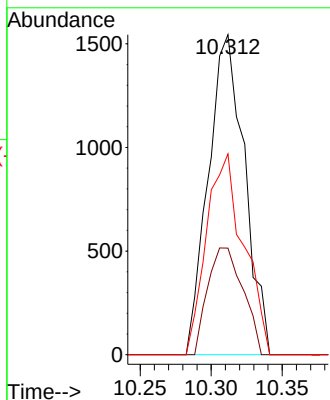
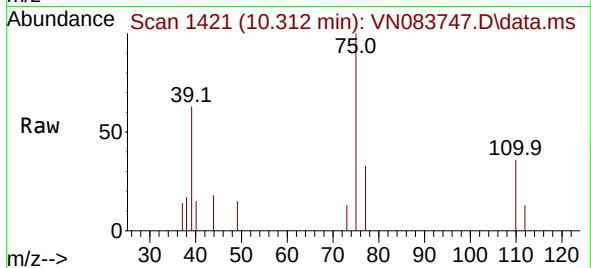
VSTDIC001

Tgt Ion: 75 Resp: 274
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.0 37.6
 39 62.8 42.6 64.0

Manual Integrations

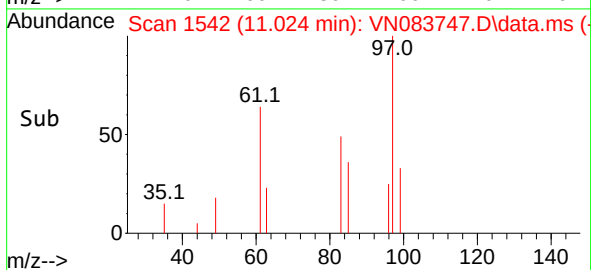
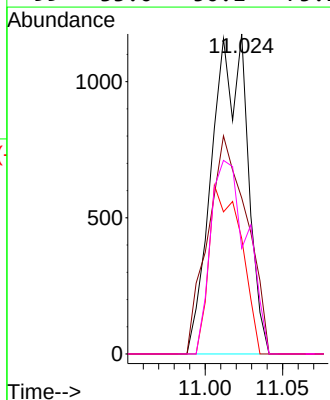
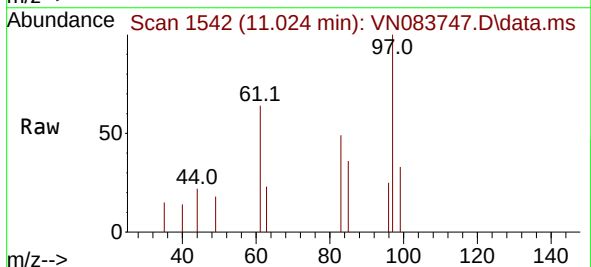
APPROVED

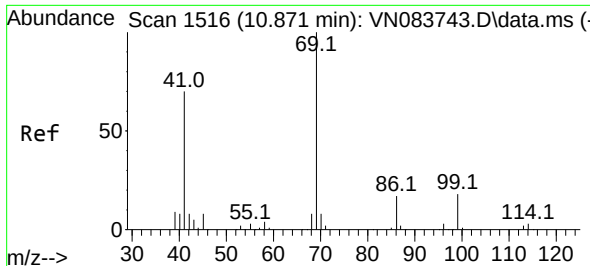
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#55
 1,1,2-Trichloroethane
 Concen: 1.043 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN083747.D
 Acq: 10 Sep 2024 11:32

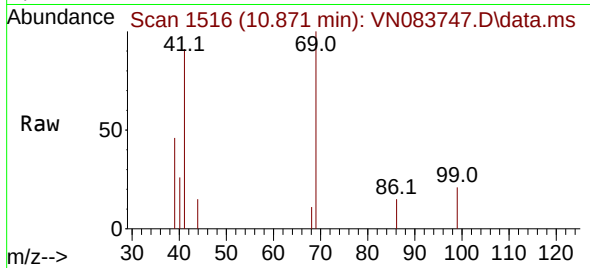
Tgt Ion: 97 Resp: 1858
 Ion Ratio Lower Upper
 97 100
 83 48.8 67.5 101.3#
 85 36.1 44.2 66.2#
 99 33.0 50.1 75.1#





#56
Ethyl methacrylate
Concen: 0.830 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

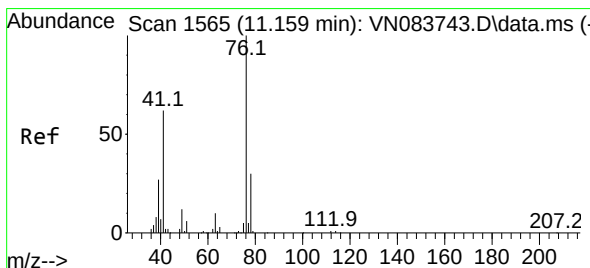
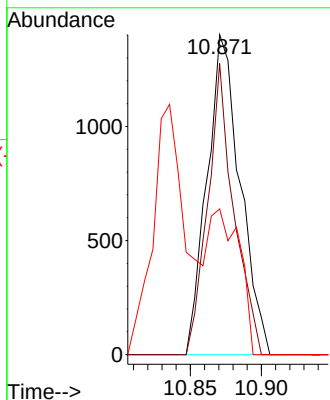
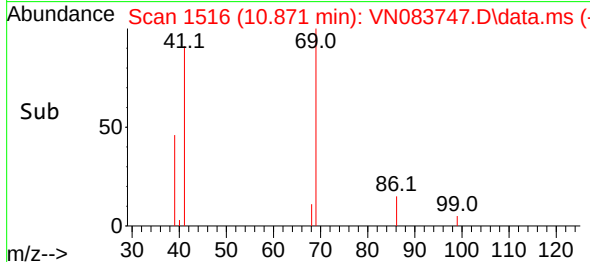
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



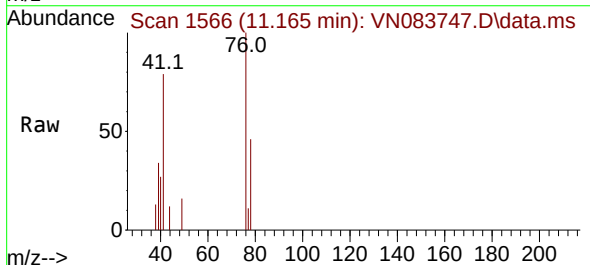
Tgt Ion: 69 Resp: 2275
Ion Ratio Lower Upper
69 100
41 71.9 53.9 80.9
39 41.8 32.6 48.8

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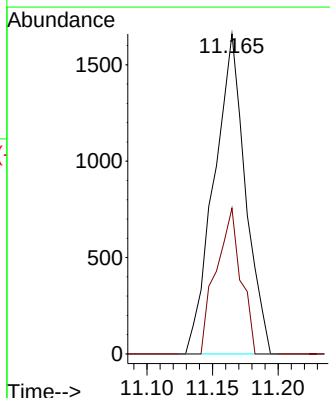
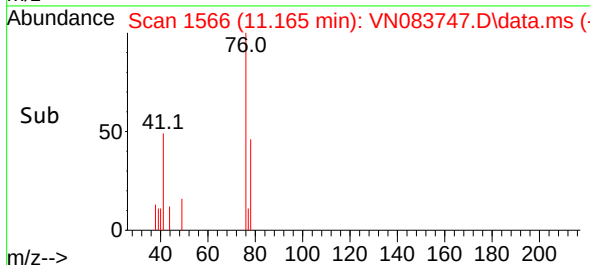
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

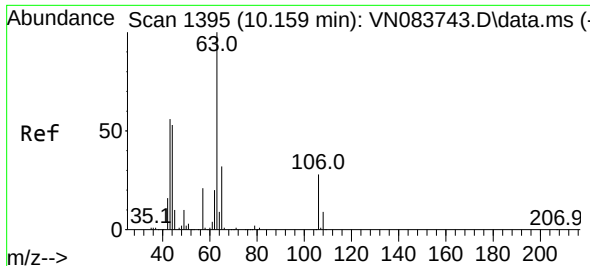


#57
1,3-Dichloropropane
Concen: 0.900 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32



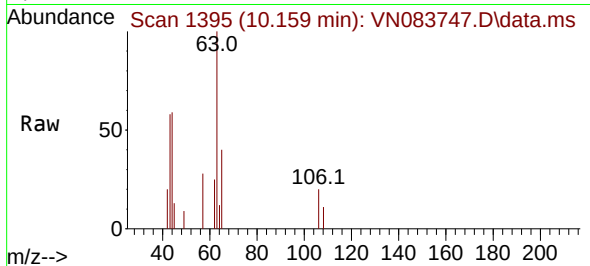
Tgt Ion: 76 Resp: 2755
Ion Ratio Lower Upper
76 100
78 36.2 25.8 38.6





#58
2-Chloroethyl Vinyl ether
Concen: 3.880 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

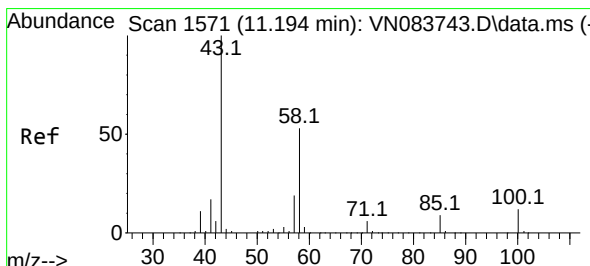
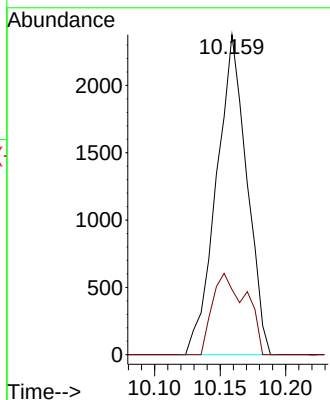
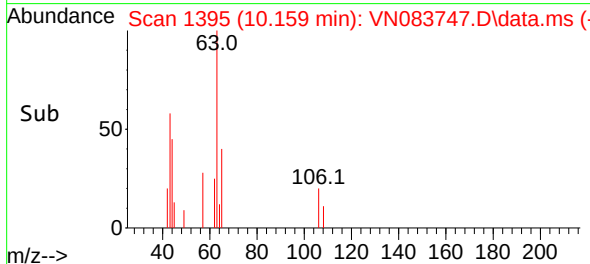
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 63 Resp: 383
Ion Ratio Lower Upper
63 100
106 28.2 23.3 34.9

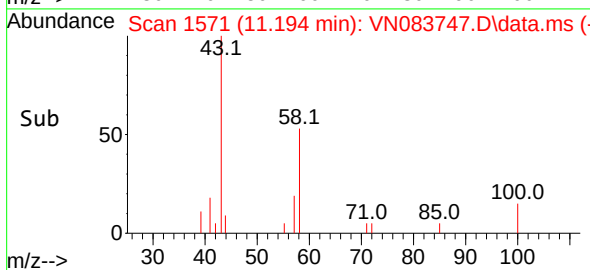
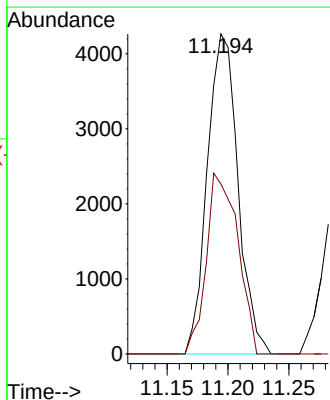
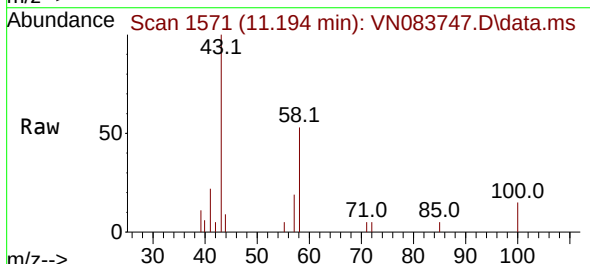
Manual Integrations
APPROVED

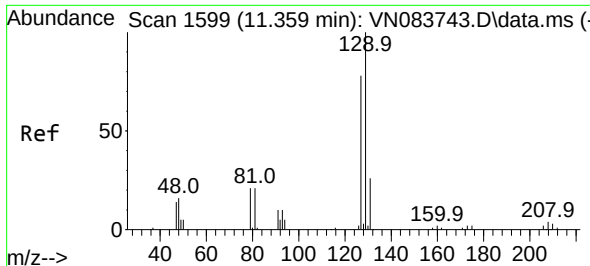
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#59
2-Hexanone
Concen: 4.348 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

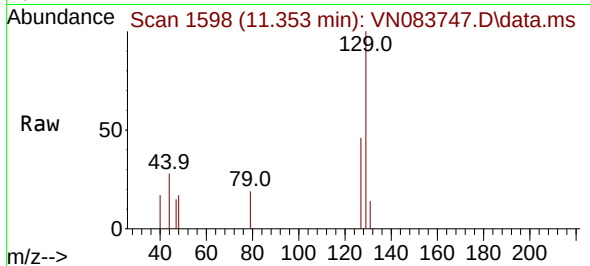
Tgt Ion: 43 Resp: 7463
Ion Ratio Lower Upper
43 100
58 57.8 27.2 81.5





#60
Dibromochloromethane
Concen: 0.910 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

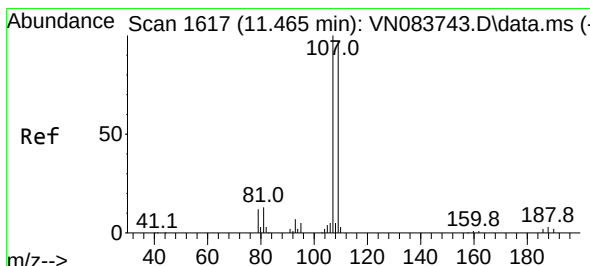
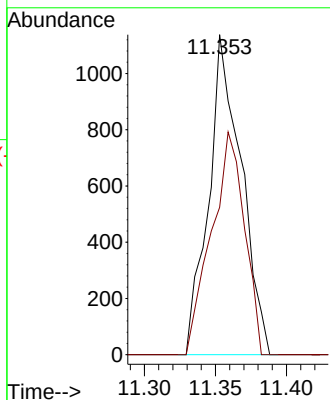
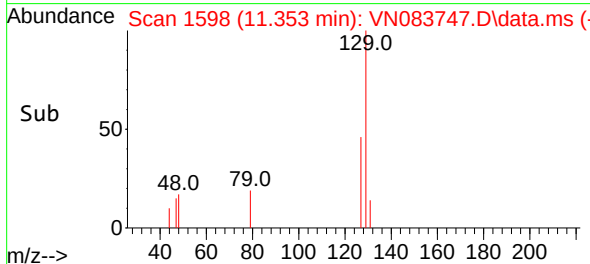
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



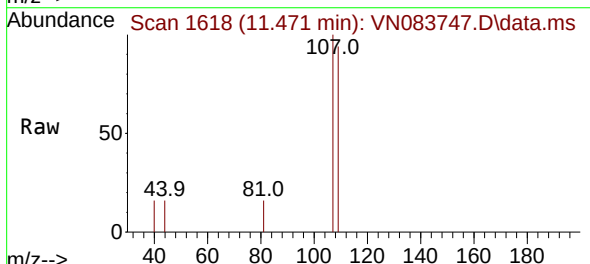
Tgt Ion:129 Resp: 181
Ion Ratio Lower Upper
129 100
127 70.7 39.0 116.9

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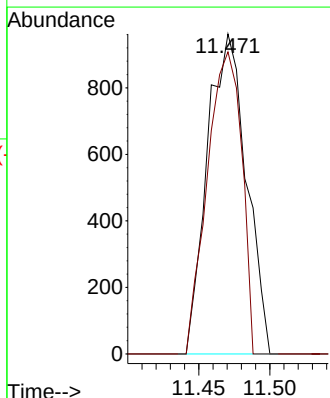
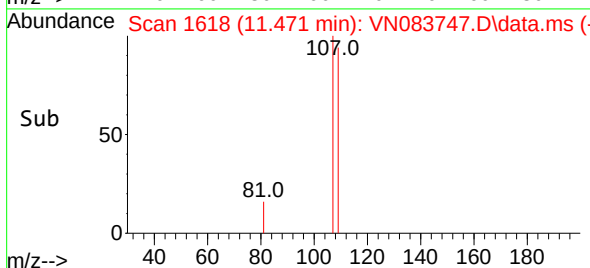
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

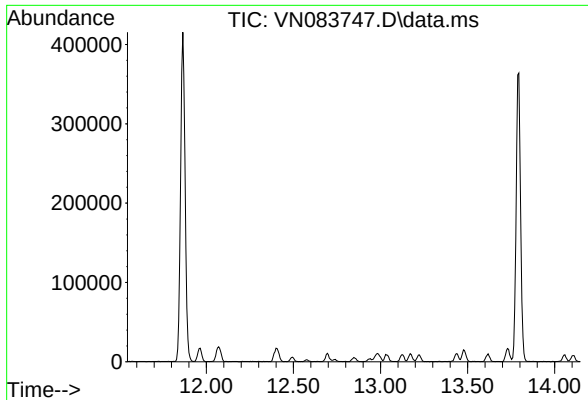


#61
1,2-Dibromoethane
Concen: 1.035 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32



Tgt Ion:107 Resp: 1838
Ion Ratio Lower Upper
107 100
109 83.2 75.6 113.4





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.85 min

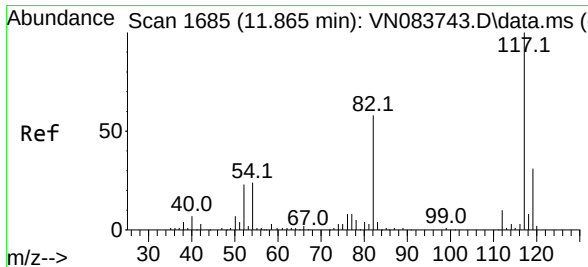
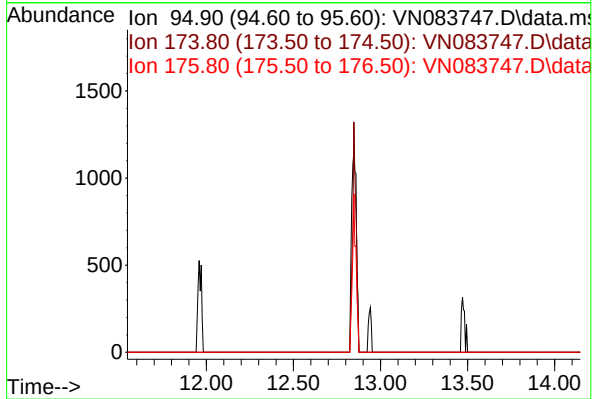
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 95
Sig Exp Ratio
95 100
174 69.9
176 65.7

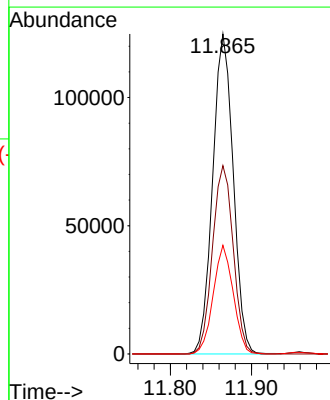
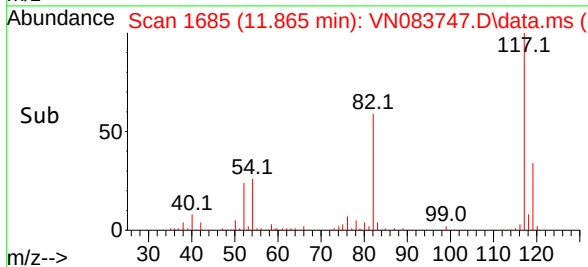
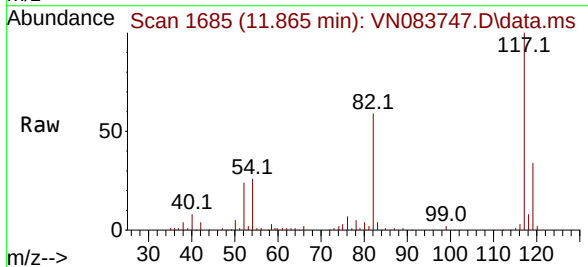
Manual Integrations
APPROVED

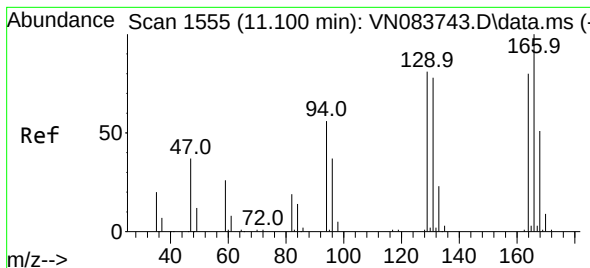
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion:117 Resp: 219654
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.0
119 34.0 26.3 39.5





#64

Tetrachloroethene

Concen: 1.025 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN083747.D

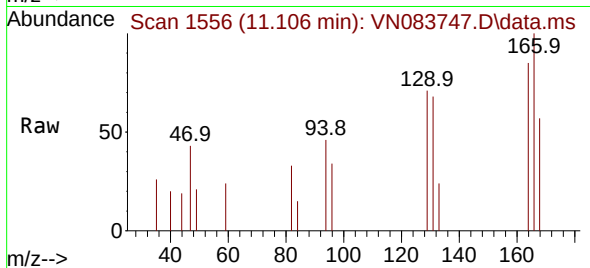
Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001



Tgt Ion:164 Resp: 149

Ion Ratio Lower Upper

164 100

166 117.6 103.7 155.5

129 83.7 79.9 119.9

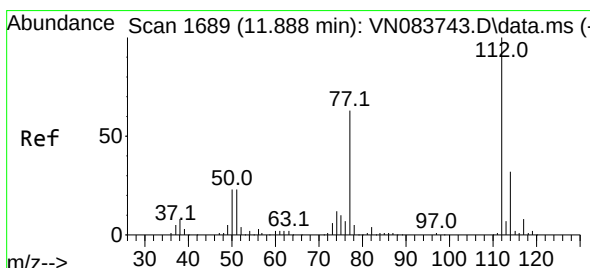
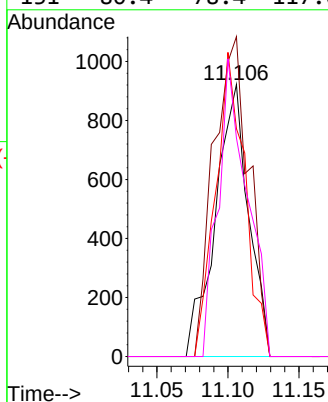
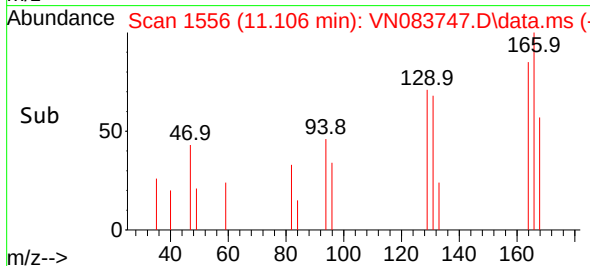
131 80.4 78.4 117.6

Manual Integrations

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Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#65

Chlorobenzene

Concen: 1.076 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN083747.D

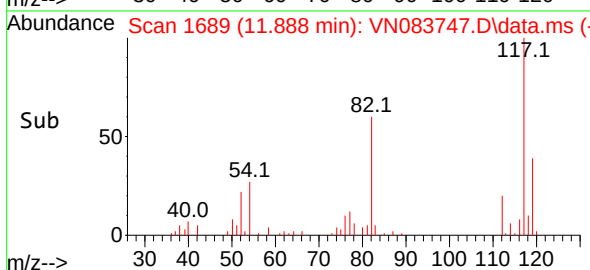
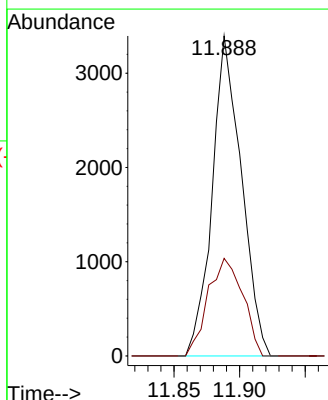
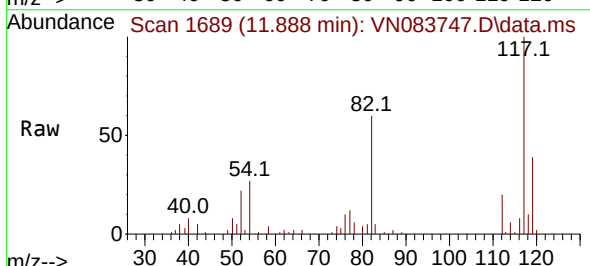
Acq: 10 Sep 2024 11:32

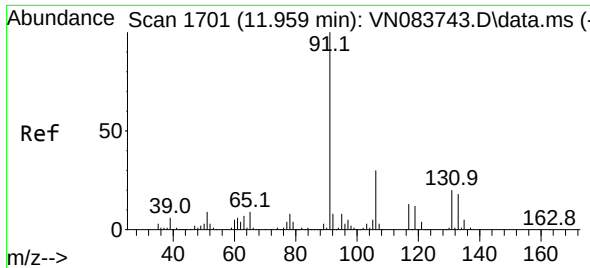
Tgt Ion:112 Resp: 5253

Ion Ratio Lower Upper

112 100

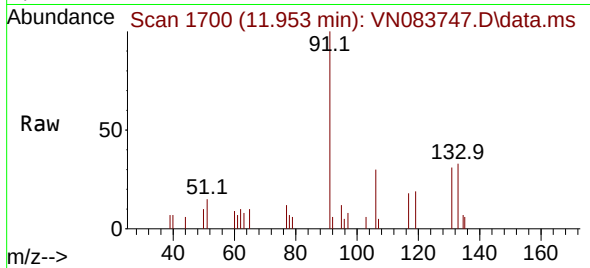
114 30.5 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 0.988 ug/l
RT: 11.953 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

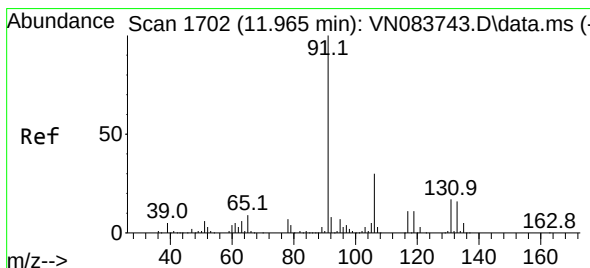
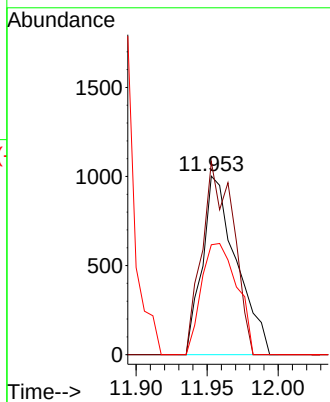
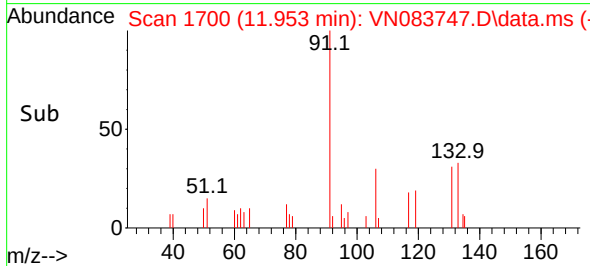
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:131 Resp: 1672
Ion Ratio Lower Upper
131 100
133 99.6 47.5 142.6
119 0.0 31.6 94.8

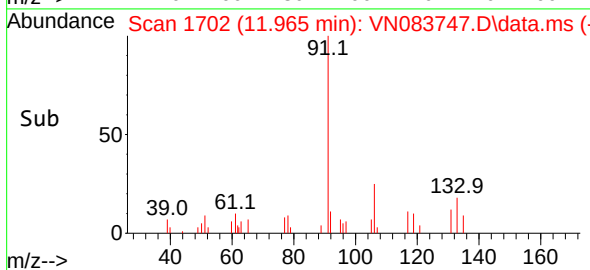
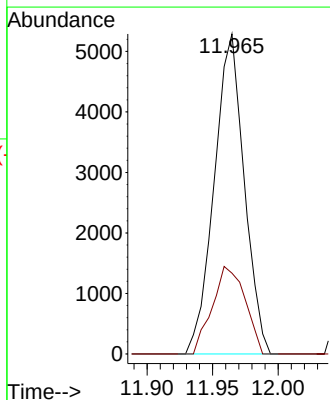
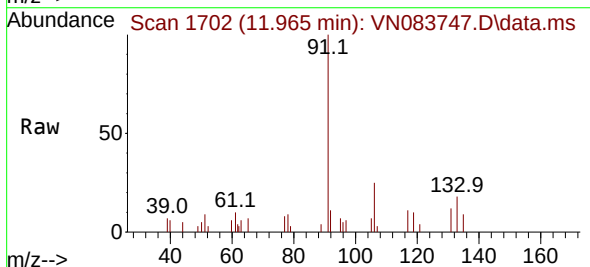
Manual Integrations
APPROVED

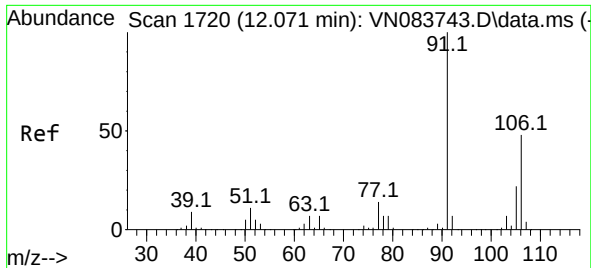
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#67
Ethyl Benzene
Concen: 0.969 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 91 Resp: 8403
Ion Ratio Lower Upper
91 100
106 25.3 24.3 36.5





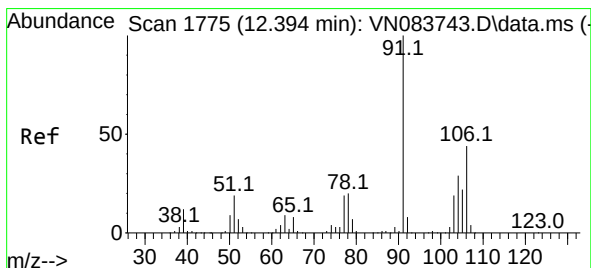
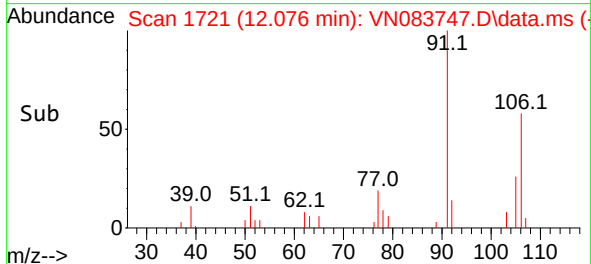
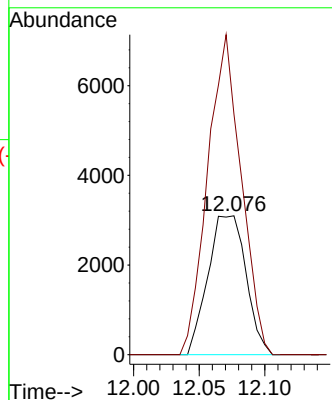
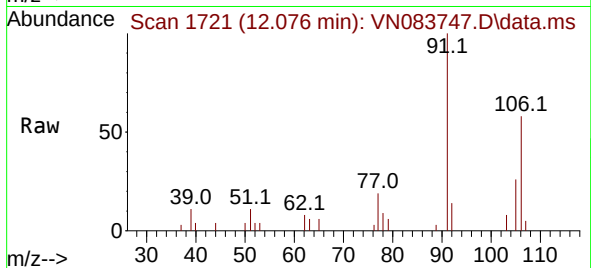
#68
m/p-Xylenes
Concen: 1.946 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 626
Ion Ratio Lower Upper
106 100
91 203.3 169.2 253.8

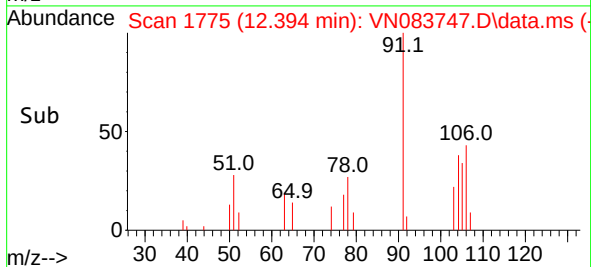
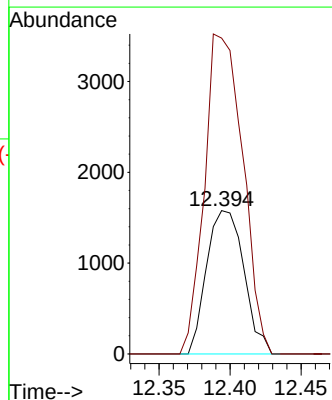
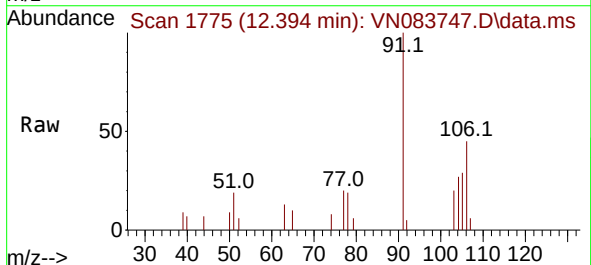
Manual Integrations
APPROVED

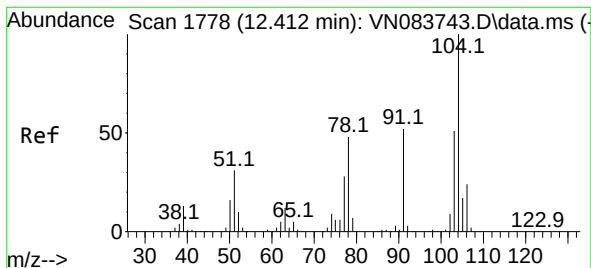
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#69
o-Xylene
Concen: 0.926 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion:106 Resp: 2885
Ion Ratio Lower Upper
106 100
91 228.8 112.9 338.6





#70

Styrene

Concen: 0.945 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083747.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:104 Resp: 4834

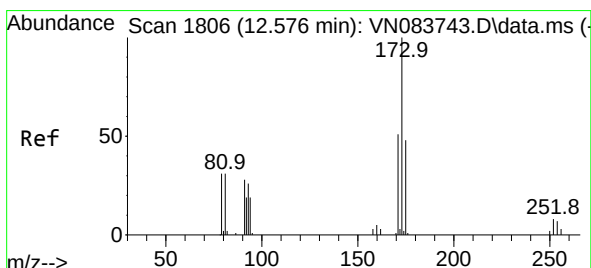
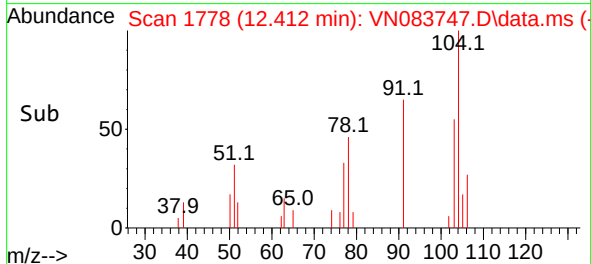
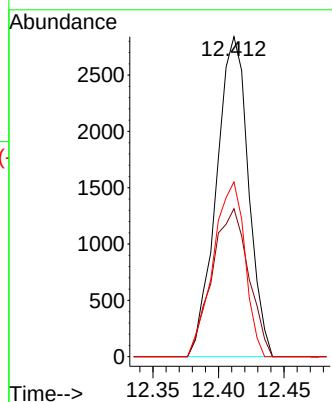
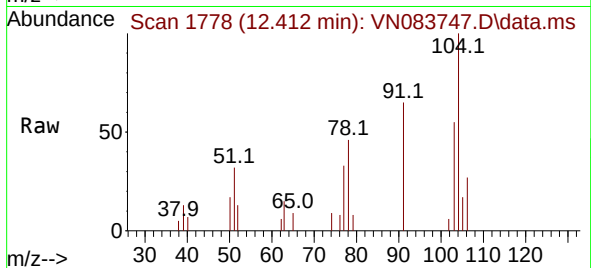
Ion	Ratio	Lower	Upper
104	100		
78	52.6	43.3	64.9
103	53.9	43.4	65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#71

Bromoform

Concen: 0.860 ug/l

RT: 12.576 min Scan# 1806

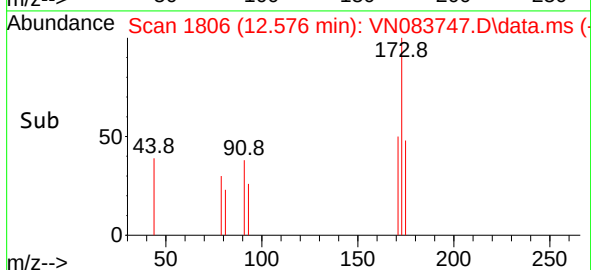
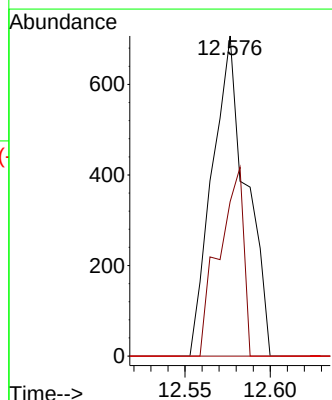
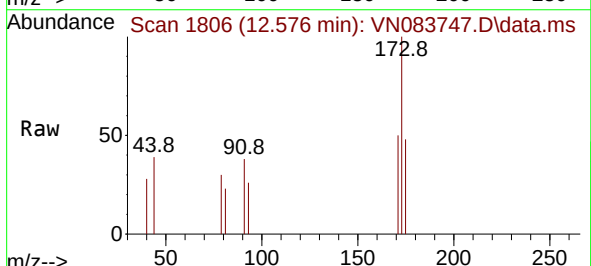
Delta R.T. 0.000 min

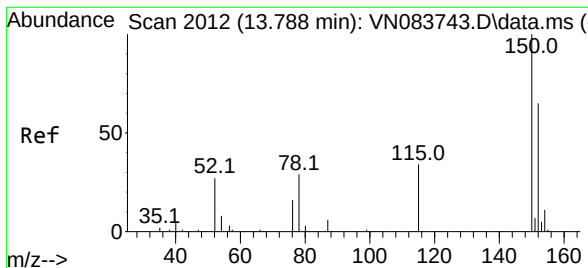
Lab File: VN083747.D

Acq: 10 Sep 2024 11:32

Tgt Ion:173 Resp: 981

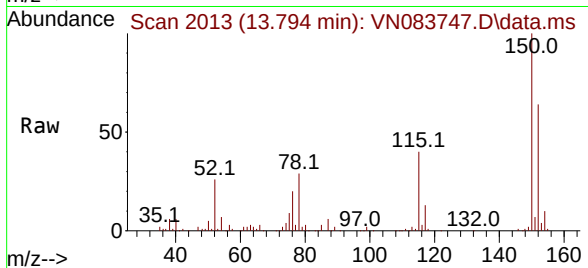
Ion	Ratio	Lower	Upper
173	100		
175	42.8	24.1	72.2
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

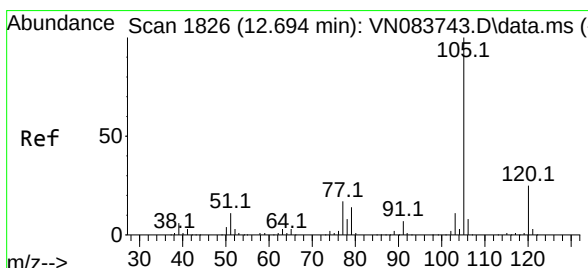
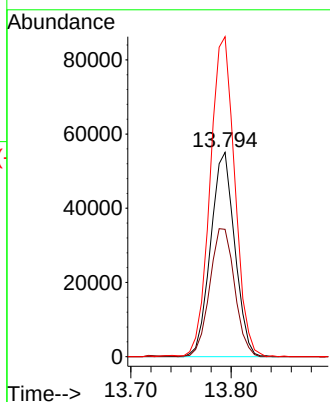
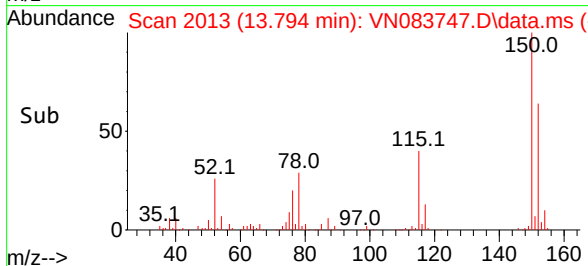
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



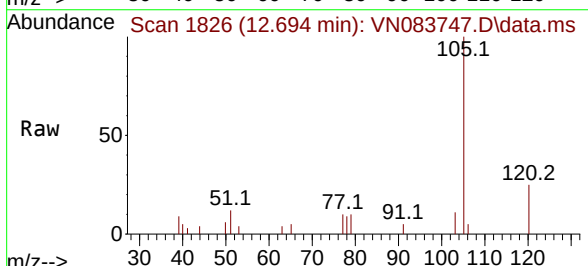
Tgt Ion:152 Resp: 91880
Ion Ratio Lower Upper
152 100
115 64.7 32.2 96.6
150 160.8 0.0 348.6

Manual Integrations
APPROVED

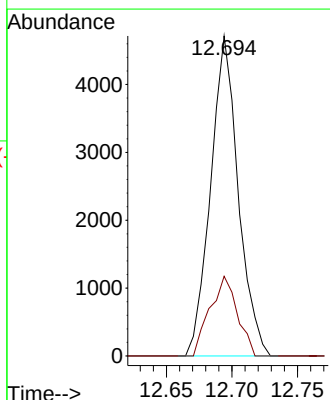
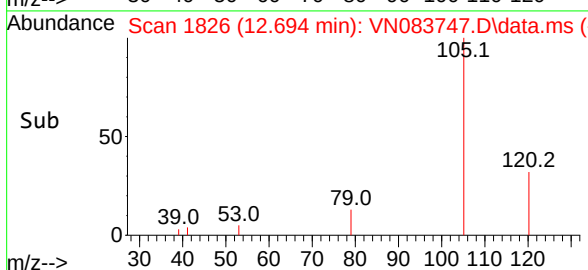
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

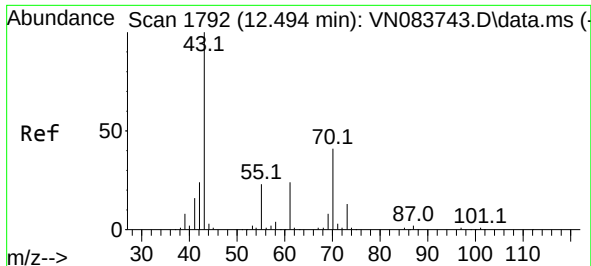


#73
Isopropylbenzene
Concen: 0.972 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32



Tgt Ion:105 Resp: 6908
Ion Ratio Lower Upper
105 100
120 24.6 12.6 37.8





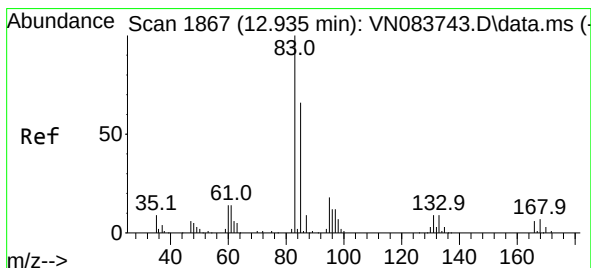
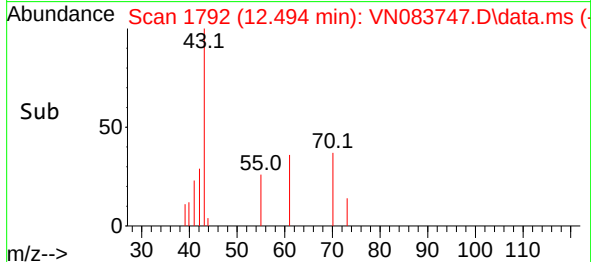
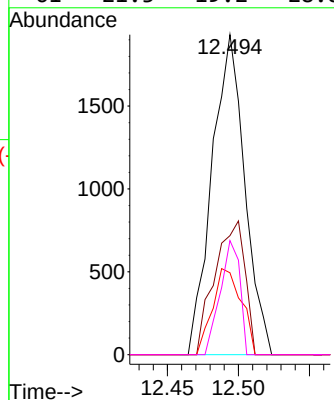
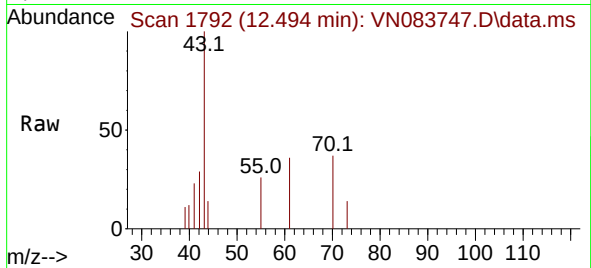
#74
N-amy1 acetate
Concen: 1.022 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43	Resp: 3100
Ion Ratio	Lower Upper
43 100	
70 38.6	34.5 51.7
55 23.6	18.6 28.0
61 21.3	19.2 28.8

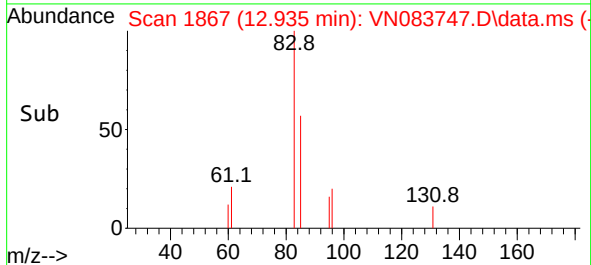
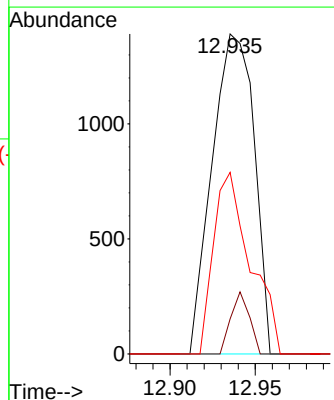
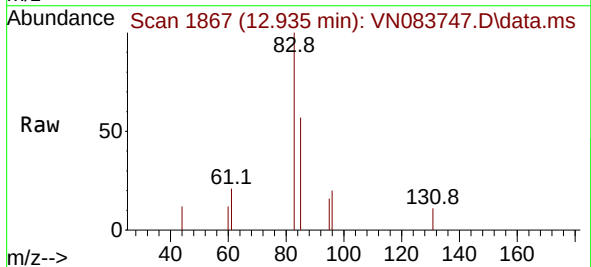
Manual Integrations
APPROVED

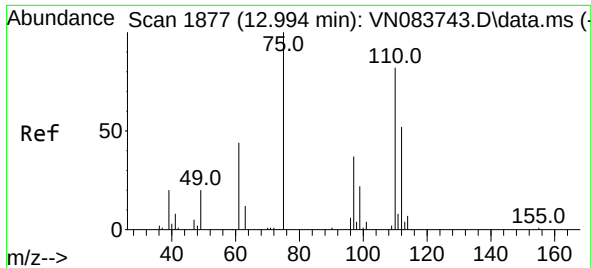
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#75
1,1,2,2-Tetrachloroethane
Concen: 1.142 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 83	Resp: 2386
Ion Ratio	Lower Upper
83 100	
131 8.5	5.2 15.6
85 49.8	31.9 95.9





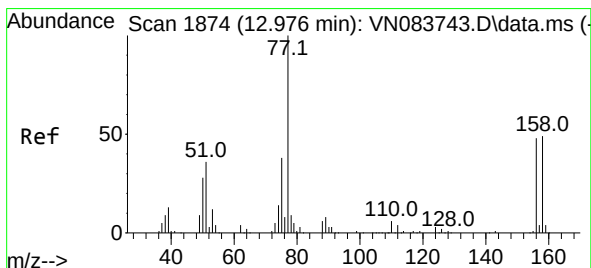
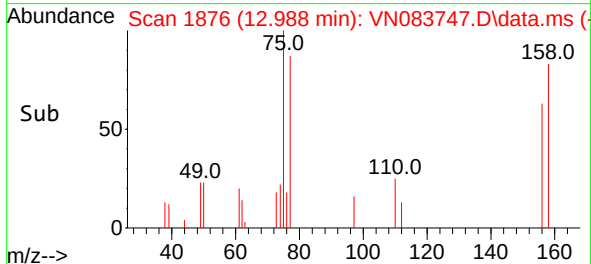
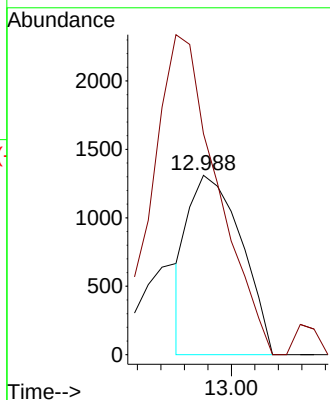
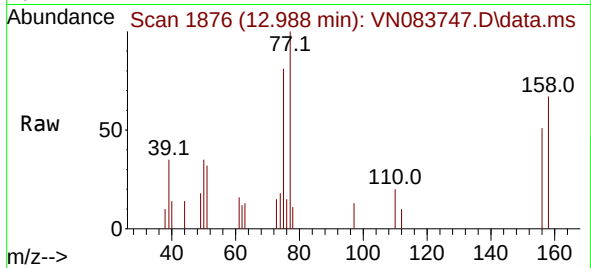
#76
1,2,3-Trichloropropane
Concen: 1.114 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 2060
Ion Ratio Lower Upper
75 100
77 216.7 95.2 285.6

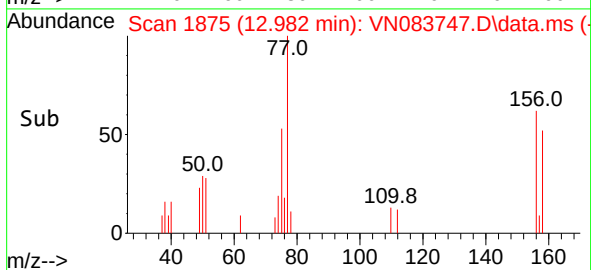
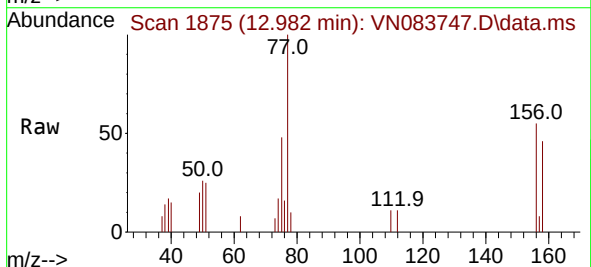
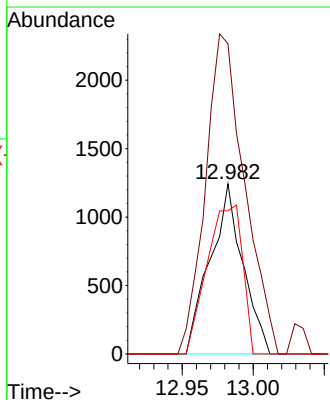
Manual Integrations
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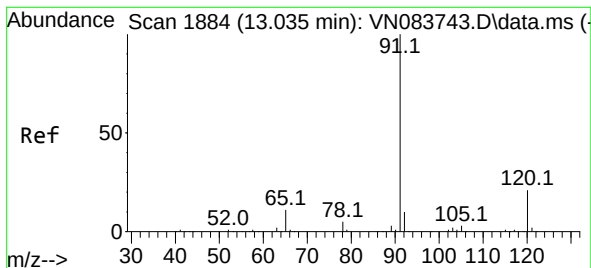
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#77
Bromobenzene
Concen: 1.167 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

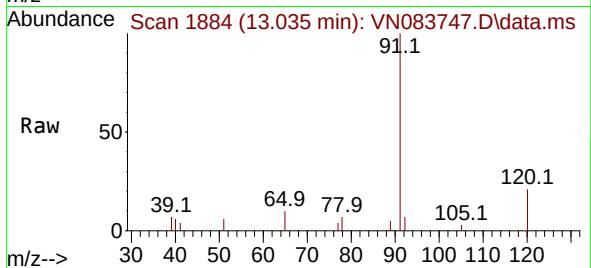
Tgt Ion:156 Resp: 1996
Ion Ratio Lower Upper
156 100
77 224.2 114.3 343.1
158 94.1 48.9 146.7





#78
n-propylbenzene
Concen: 1.013 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

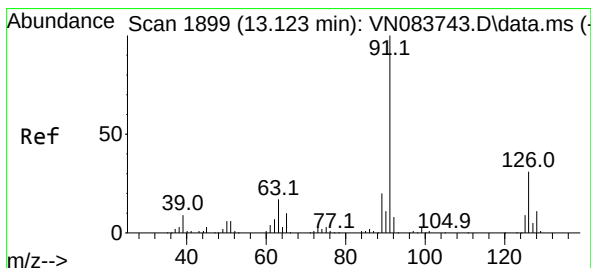
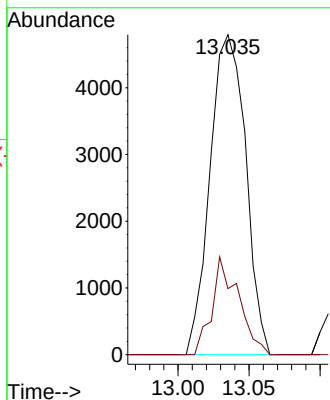
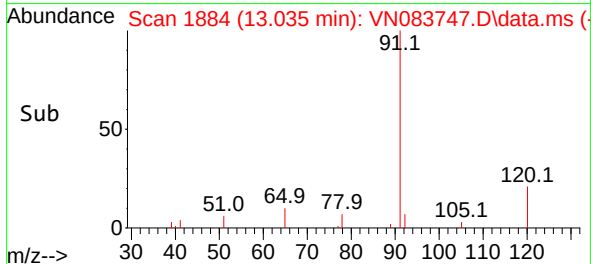
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 91 Resp: 8379
Ion Ratio Lower Upper
91 100
120 22.7 11.0 33.0

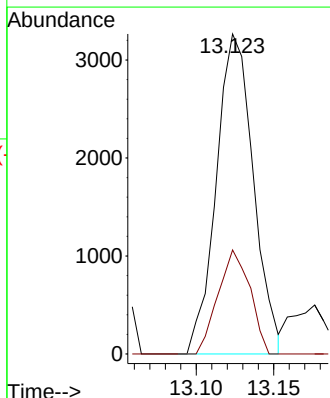
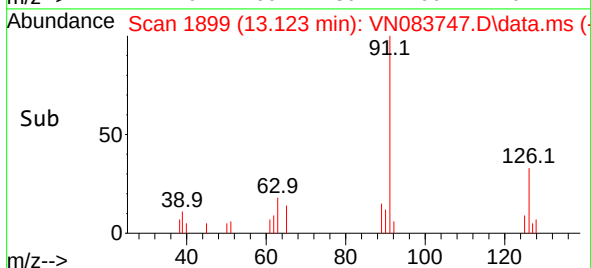
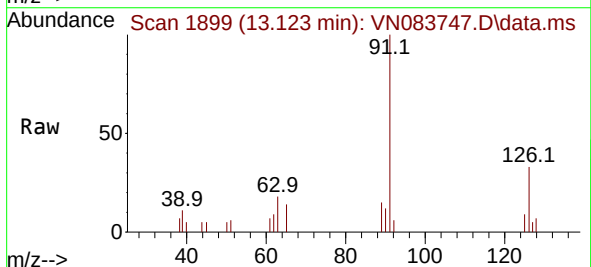
Manual Integrations
APPROVED

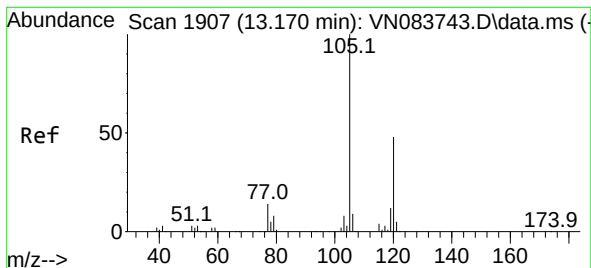
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#79
2-Chlorotoluene
Concen: 1.031 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 91 Resp: 5437
Ion Ratio Lower Upper
91 100
126 27.9 15.4 46.2





#80

1,3,5-Trimethylbenzene

Concen: 1.015 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083747.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 6080

Ion Ratio Lower Upper

105 100

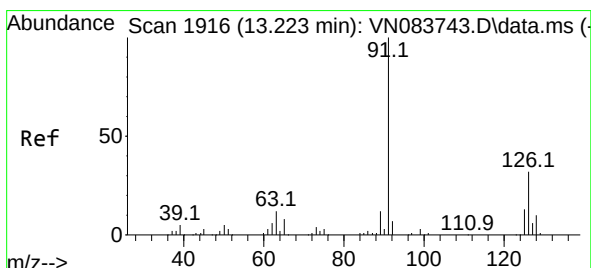
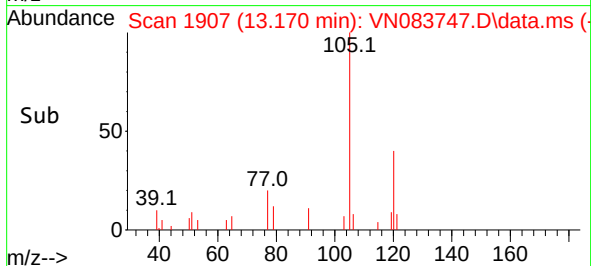
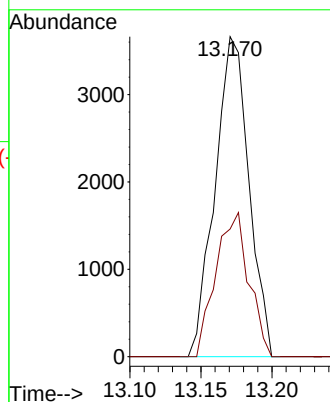
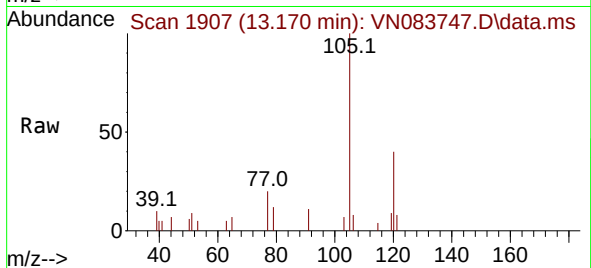
120 44.0 23.4 70.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#82

4-Chlorotoluene

Concen: 1.038 ug/l

RT: 13.218 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VN083747.D

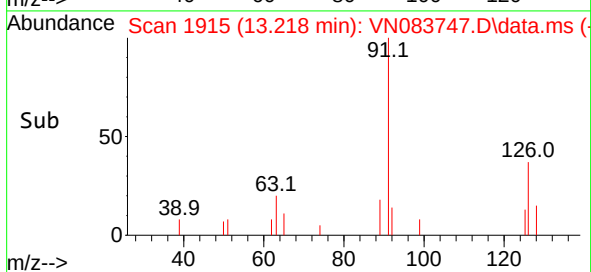
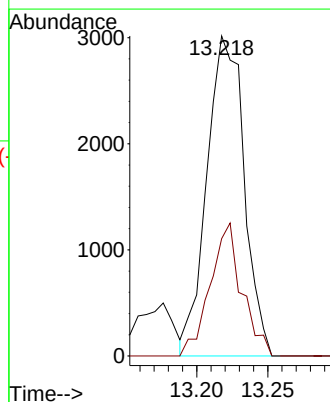
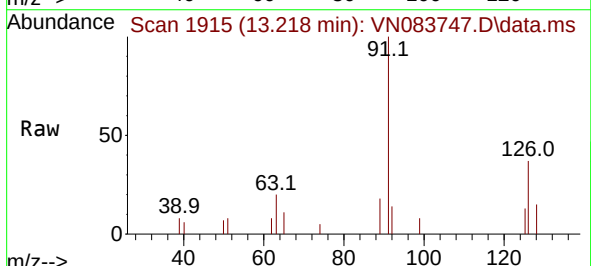
Acq: 10 Sep 2024 11:32

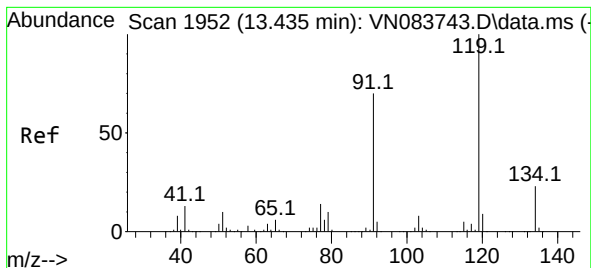
Tgt Ion: 91 Resp: 5495

Ion Ratio Lower Upper

91 100

126 35.4 15.4 46.2





#83

tert-Butylbenzene

Concen: 1.013 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN083747.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:119 Resp: 531

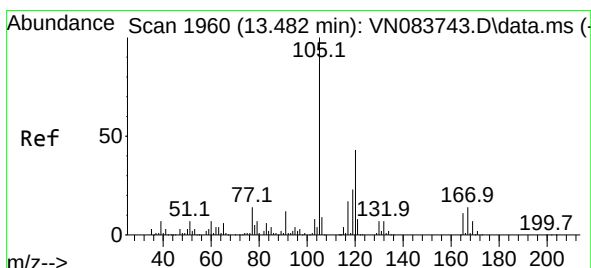
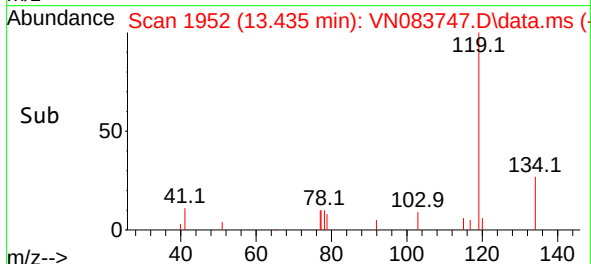
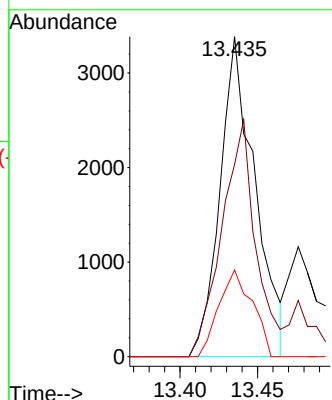
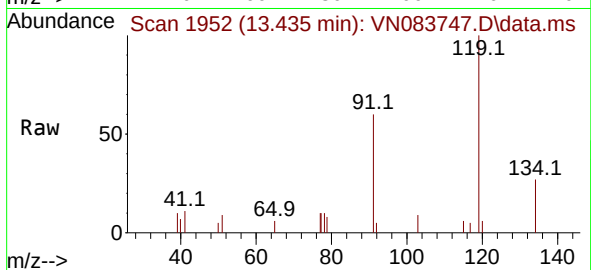
Ion	Ratio	Lower	Upper
119	100		
91	71.6	34.5	103.6
134	25.9	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#84

1,2,4-Trimethylbenzene

Concen: 0.982 ug/l

RT: 13.482 min Scan# 1960

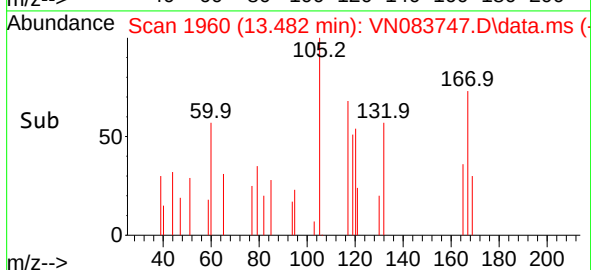
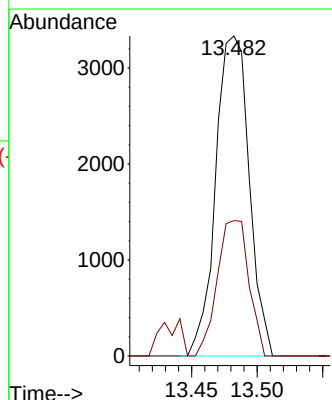
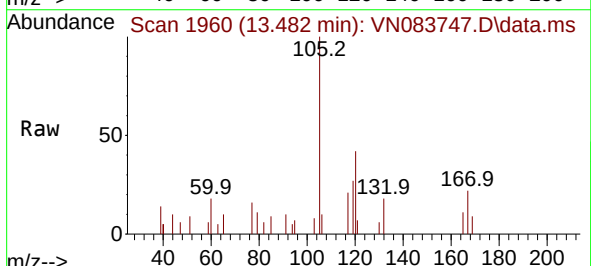
Delta R.T. 0.000 min

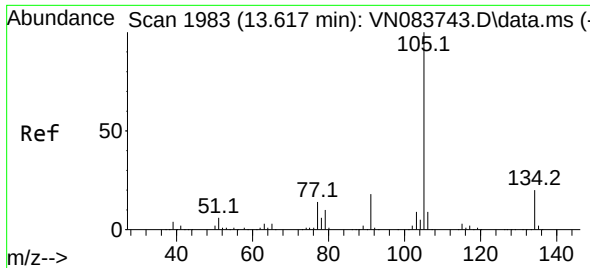
Lab File: VN083747.D

Acq: 10 Sep 2024 11:32

Tgt Ion:105 Resp: 5912

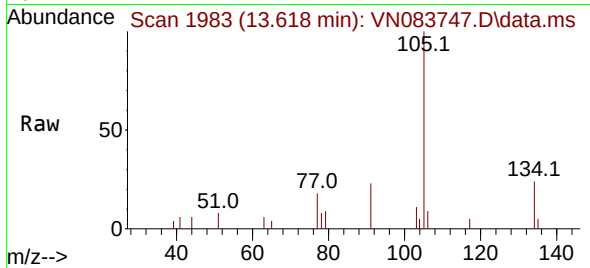
Ion	Ratio	Lower	Upper
105	100		
120	40.0	21.8	65.4





#85
sec-Butylbenzene
Concen: 0.922 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

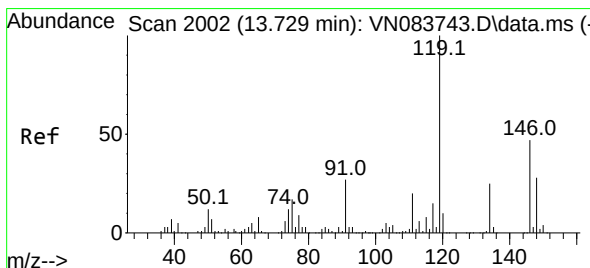
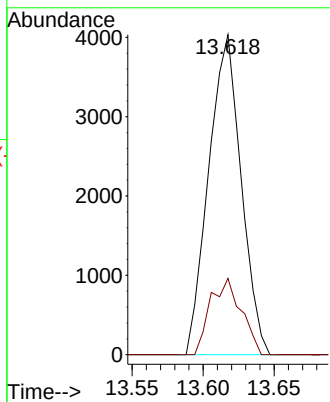
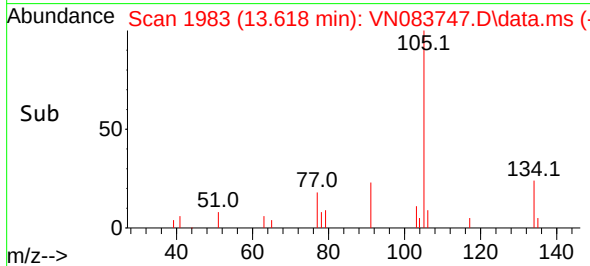
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



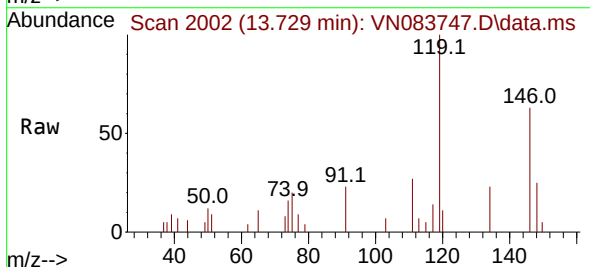
Tgt Ion:105 Resp: 6408
Ion Ratio Lower Upper
105 100
134 22.7 9.7 29.1

Manual Integrations
APPROVED

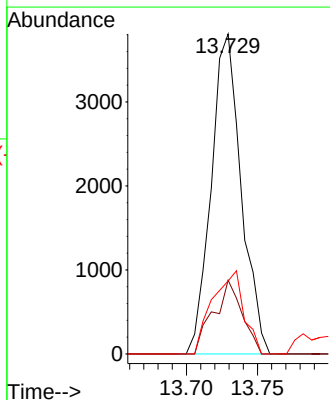
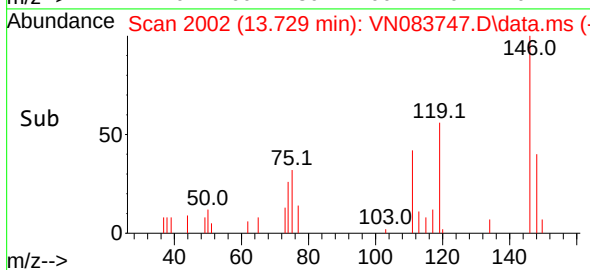
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

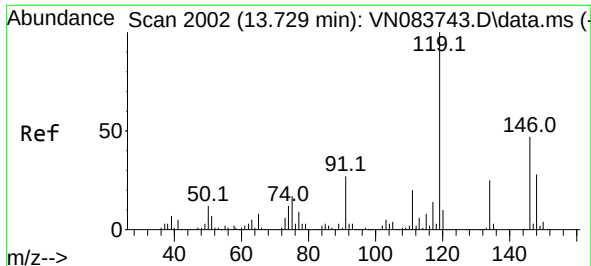


#86
p-Isopropyltoluene
Concen: 0.959 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32



Tgt Ion:119 Resp: 5592
Ion Ratio Lower Upper
119 100
134 22.0 12.8 38.3
91 27.3 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 1.193 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083747.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

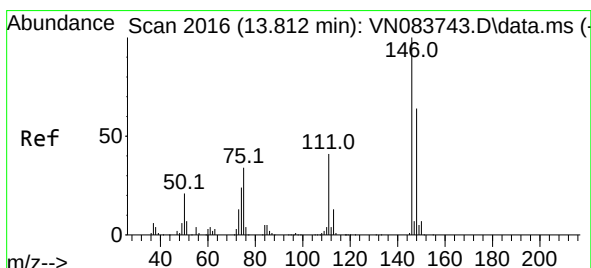
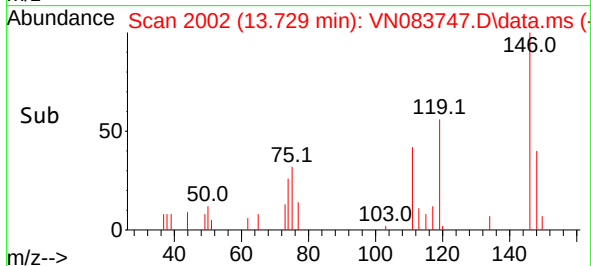
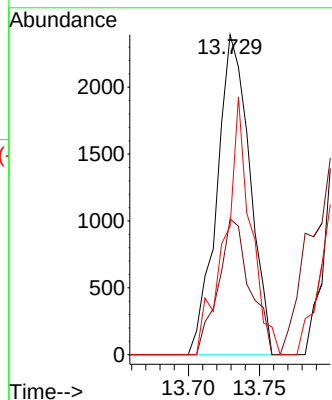
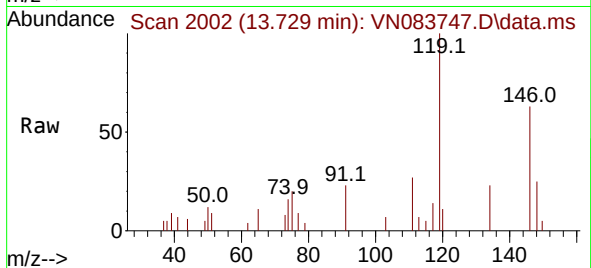
Tgt Ion:	146	Resp:	385
Ion Ratio	Lower	Upper	
146	100		
111	41.0	21.7	65.1
148	62.5	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#88

1,4-Dichlorobenzene

Concen: 1.210 ug/l m

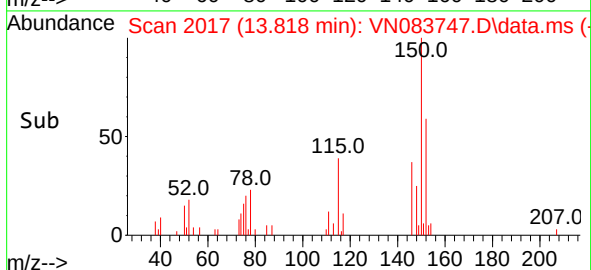
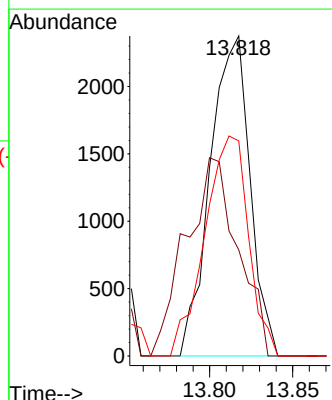
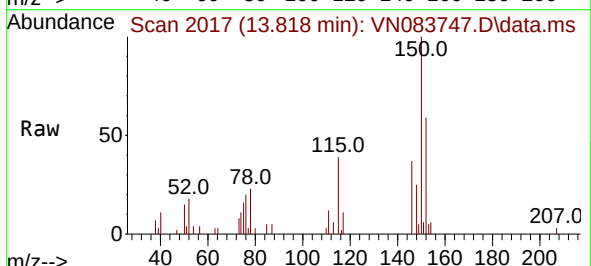
RT: 13.818 min Scan# 2017

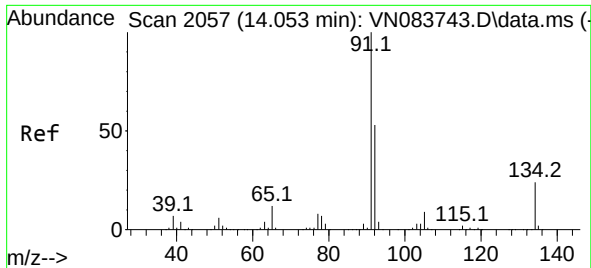
Delta R.T. 0.006 min

Lab File: VN083747.D

Acq: 10 Sep 2024 11:32

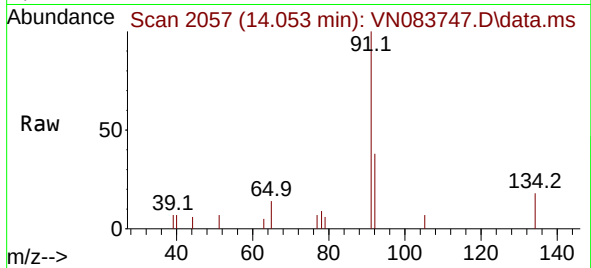
Tgt Ion:	146	Resp:	3958
Ion Ratio	Lower	Upper	
146	100		
111	39.9	21.3	64.0
148	60.8	32.0	96.2





#89
n-Butylbenzene
Concen: 1.074 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

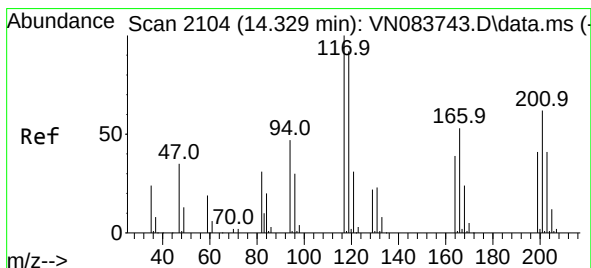
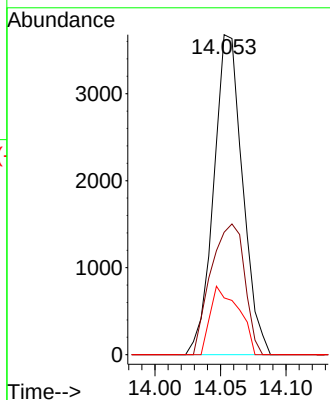
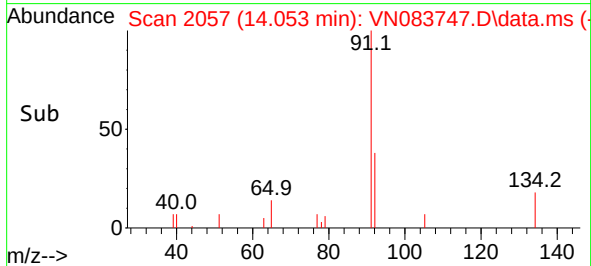
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 91 Resp: 562
Ion Ratio Lower Upper
91 100
92 47.9 26.7 80.1
134 21.0 12.2 36.4

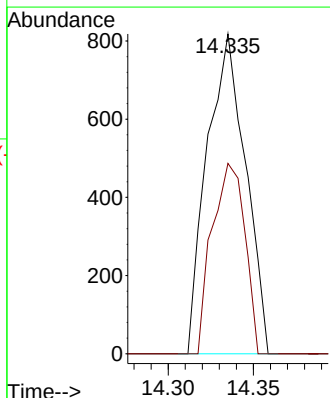
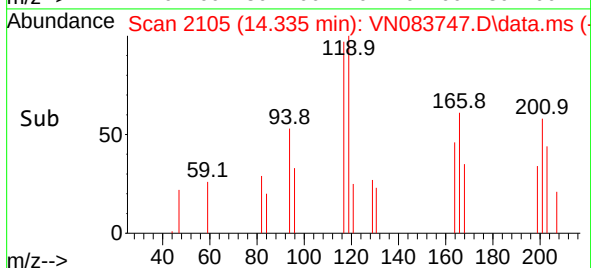
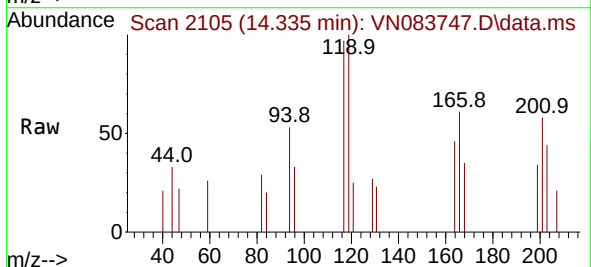
Manual Integrations
APPROVED

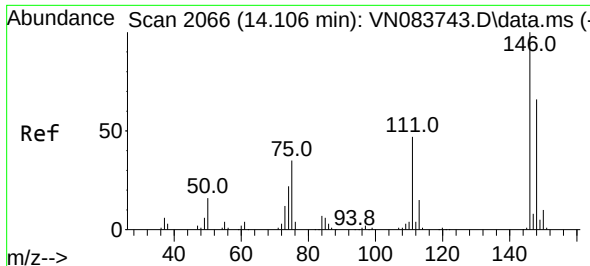
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#90
Hexachloroethane
Concen: 1.097 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

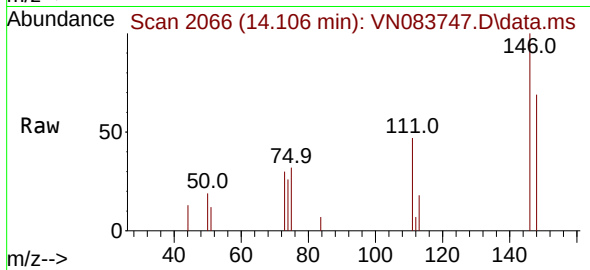
Tgt Ion:117 Resp: 1285
Ion Ratio Lower Upper
117 100
201 50.6 32.8 98.3





#91
1,2-Dichlorobenzene
Concen: 1.097 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

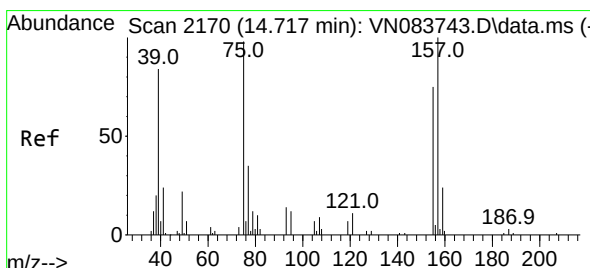
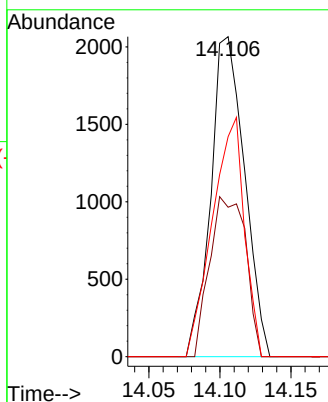
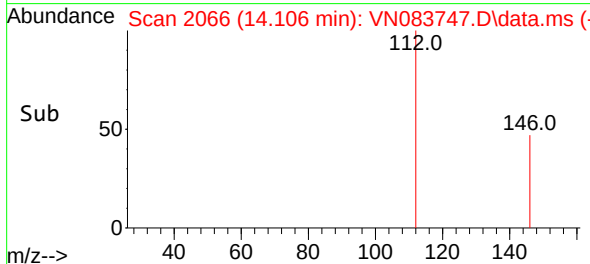
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



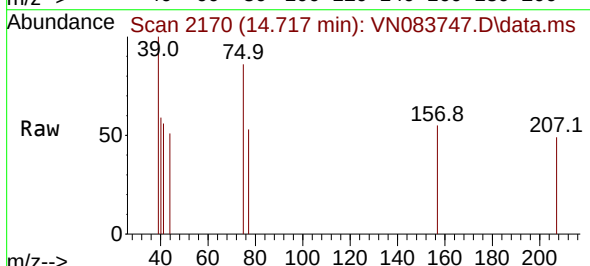
Tgt Ion:146 Resp: 3418
Ion Ratio Lower Upper
146 100
111 53.1 22.8 68.3
148 70.8 32.1 96.5

Manual Integrations
APPROVED

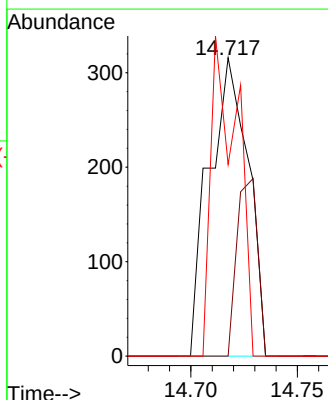
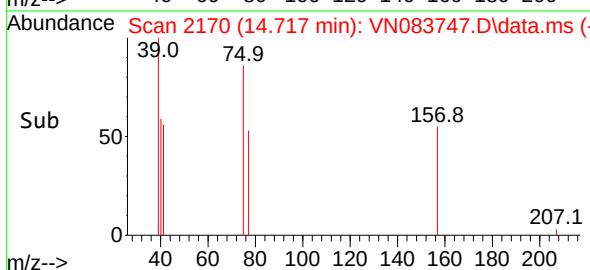
Reviewed By :John Carbone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

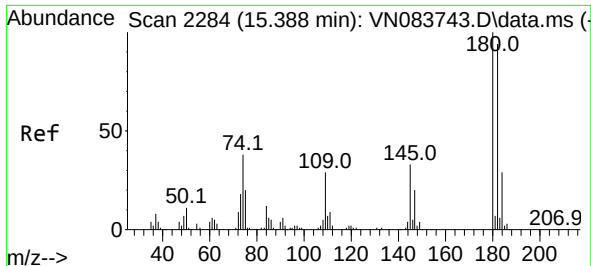


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.970 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32



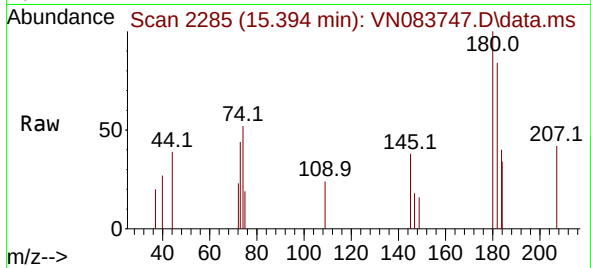
Tgt Ion: 75 Resp: 404
Ion Ratio Lower Upper
75 100
155 31.7 35.9 107.7#
157 72.5 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 1.140 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

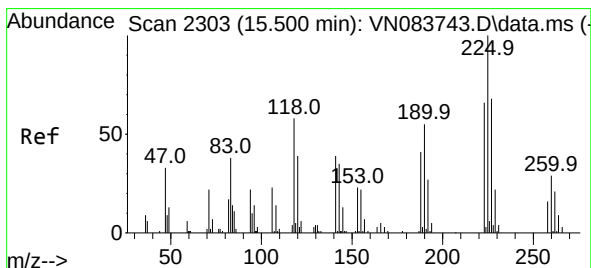
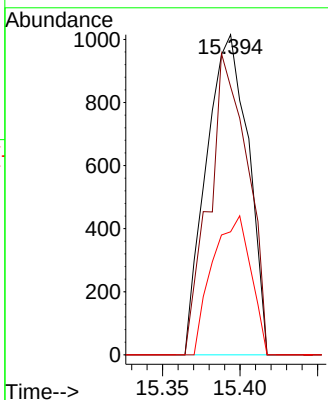
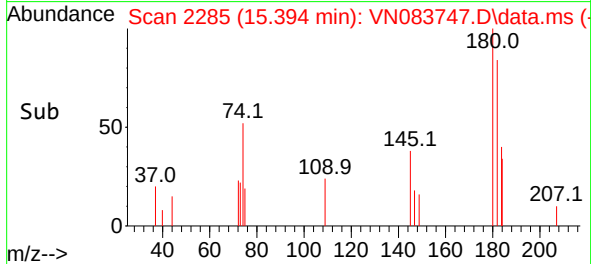
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:180 Resp: 190
Ion Ratio Lower Upper
180 100
182 86.8 48.1 144.3
145 39.7 16.9 50.7

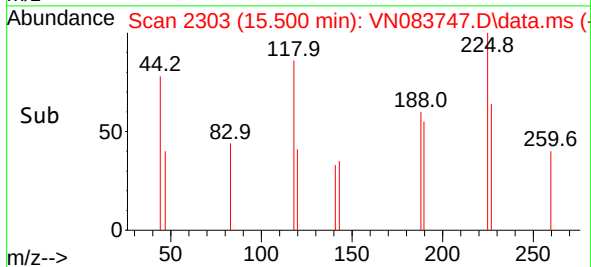
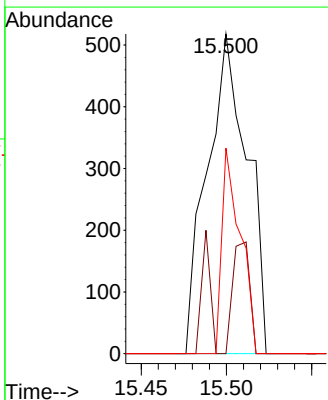
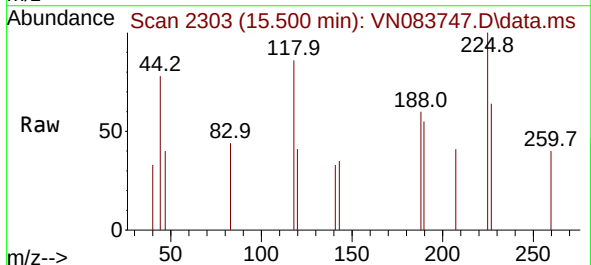
Manual Integrations
APPROVED

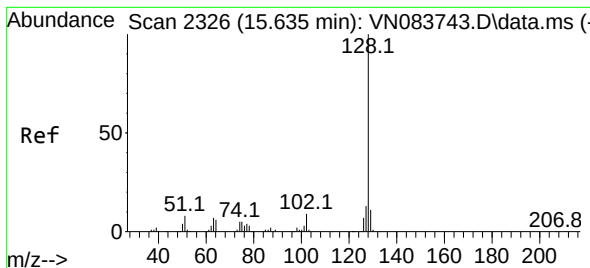
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#94
Hexachlorobutadiene
Concen: 1.194 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083747.D
Acq: 10 Sep 2024 11:32

Tgt Ion:225 Resp: 848
Ion Ratio Lower Upper
225 100
223 14.7 31.9 95.5#
227 29.7 32.0 96.2#





#95

Naphthalene

Concen: 1.014 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN083747.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

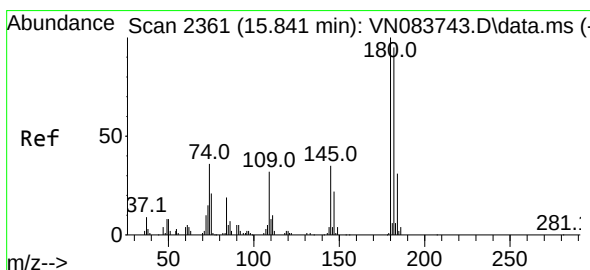
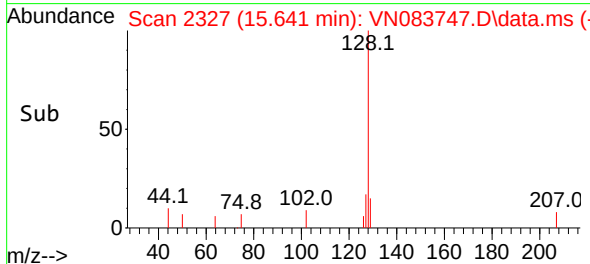
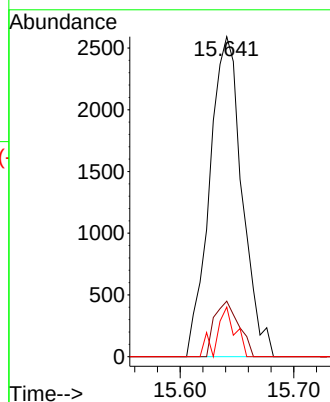
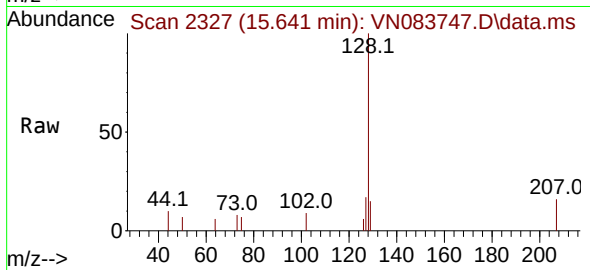
Tgt Ion:	128	Resp:	516
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	8.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#96

1,2,3-Trichlorobenzene

Concen: 1.128 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083747.D

Acq: 10 Sep 2024 11:32

Tgt Ion:	180	Resp:	1803
Ion Ratio	Lower	Upper	
180	100		
182	97.5	47.1	141.4
145	23.3	17.8	53.5

