

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
 Data File : VN083704.D
 Acq On : 06 Sep 2024 18:24
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Sep 06 23:50:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	27171	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	160582	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	143242	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77065	31.029	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.433%			
60) 4-Bromofluorobenzene	12.847	95	74629	30.229	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.767%			
63) Toluene-d8	10.565	98	201249	30.342	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.133%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36154	19.870	ug/l	99
3) Chloromethane	2.359	50	40857	21.611	ug/l	97
4) Vinyl Chloride	2.512	62	40260	20.715	ug/l #	85
5) Bromomethane	2.901	94	21654	19.941	ug/l	98
6) Chloroethane	3.077	64	30699	23.588	ug/l	98
7) Trichlorofluoromethane	3.471	101	67416	20.690	ug/l	98
8) Diethyl Ether	3.953	74	24845	22.440	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.359	101	35451	20.255	ug/l	62
10) 1,1-Dichloroethene	4.330	96	34253	20.283	ug/l	82
11) Methyl Iodide	4.577	142	35550	15.498	ug/l	97
12) Methyl Acetate	5.024	43	45923	22.549	ug/l #	74
13) Acrolein	4.171	56	33115	111.414	ug/l	98
14) Acrylonitrile	5.718	53	91794	111.376	ug/l	98
15) Acetone	4.430	58	24861	90.933	ug/l	80
16) Carbon Disulfide	4.700	76	93428	19.576	ug/l	97
17) Allyl chloride	5.018	41	61458	20.753	ug/l	86
18) Methylene Chloride	5.277	84	43281m	23.426	ug/l	
19) trans-1,2-Dichloroethene	5.783	96	34576	19.755	ug/l	98
20) Diisopropyl ether	6.671	45	130294	21.786	ug/l	96
21) 1,1-Dichloroethane	6.565	63	73225	21.445	ug/l	95
22) cis-1,2-Dichloroethene	7.483	96	43771	20.547	ug/l	92
23) tert-Butyl Alcohol	5.530	59	33581	111.033	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	129045	21.503	ug/l #	87
25) Chloroform	7.965	83	77403	21.390	ug/l	100
26) Cyclohexane	8.253	56	58720	19.525	ug/l #	89
29) 1,1-Dichloropropene	8.365	75	50725	19.915	ug/l	98
30) 2-Butanone	7.489	43	125981	104.927	ug/l	94
31) 2,2-Dichloropropane	7.489	77	61908	19.064	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	70394	20.695	ug/l	98
33) Carbon Tetrachloride	8.359	117	59984	20.363	ug/l	98
34) Benzene	8.600	78	161754	21.166	ug/l #	93
35) Methacrylonitrile	7.771	41	27795	20.593	ug/l	89
36) 1,2-Dichloroethane	8.671	62	61770	21.500	ug/l	95
37) Trichloroethene	9.347	130	36146	20.141	ug/l	98
38) Methylcyclohexane	9.600	83	58826	19.291	ug/l	96
39) 1,2-Dichloropropane	9.618	63	39152	21.286	ug/l	99
40) Dibromomethane	9.706	93	29129	21.659	ug/l	92
41) Bromodichloromethane	9.888	83	60530	21.165	ug/l	99
42) Vinyl Acetate	6.600	43	476700	96.567	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	50230	20.785	ug/l	99
44) Isopropyl Acetate	8.688	43	93167	22.290	ug/l	91
45) 1,4-Dioxane	9.694	88	14079	431.856	ug/l	97
46) Methyl methacrylate	9.682	41	43258	21.382	ug/l	80
47) n-amyl Acetate	12.494	43	81741	22.077	ug/l	89
48) t-1,3-Dichloropropene	10.835	75	58420	19.420	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	62462	19.966	ug/l #	83
50) 1,1,2-Trichloroethane	11.012	97	37492	21.908	ug/l	94
51) Ethyl methacrylate	10.871	69	61681	21.097	ug/l	77
52) 1,3-Dichloropropane	11.159	76	65095	21.063	ug/l	99
53) Dibromochloromethane	11.359	129	41275	20.109	ug/l	97
54) 1,2-Dibromoethane	11.471	107	37477	21.169	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	125112	107.377	ug/l	98
56) Bromoform	12.576	173	25254	19.366	ug/l	93
58) 4-Methyl-2-Pentanone	10.447	43	260961	114.896	ug/l #	88
59) 2-Hexanone	11.194	43	191368	111.506	ug/l	88
61) Tetrachloroethene	11.106	164	30832	20.338	ug/l	86
62) Toluene	10.630	91	174351	21.176	ug/l	100
64) Chlorobenzene	11.888	112	103414	20.287	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	37128	20.908	ug/l	97
66) Ethyl Benzene	11.965	91	190886	20.387	ug/l	99
67) m/p-Xylenes	12.071	106	141104	40.963	ug/l	98
68) o-Xylene	12.400	106	69120	20.733	ug/l	97
69) Styrene	12.412	104	113872	20.215	ug/l	98
70) Isopropylbenzene	12.694	105	178147	20.249	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	53175	22.129	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	45619m	21.653	ug/l	
73) Bromobenzene	12.982	156	40896	20.237	ug/l	97
74) n-propylbenzene	13.035	91	202253	19.638	ug/l	99
75) 2-Chlorotoluene	13.123	91	130622	20.321	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	153168	20.841	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	12065	13.548	ug/l	76
78) 4-Chlorotoluene	13.223	91	130265	19.983	ug/l	98
79) tert-butylbenzene	13.435	119	135874	21.143	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	153993	20.735	ug/l	99
81) sec-Butylbenzene	13.618	105	175916	20.038	ug/l	98
82) p-Isopropyltoluene	13.729	119	147634	19.987	ug/l	97
83) 1,3-Dichlorobenzene	13.729	146	75521	19.417	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	74198	19.082	ug/l	99
85) n-Butylbenzene	14.053	91	122339	18.769	ug/l	97
86) Hexachloroethane	14.329	117	27819	19.874	ug/l	88
87) 1,2-Dichlorobenzene	14.106	146	75891	20.106	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10843	20.533	ug/l	93
89) 1,2,4-Trichlorobenzene	15.835	180	38092	18.420	ug/l	98
90) Hexachlorobutadiene	15.500	225	15761	18.414	ug/l	98
91) Naphthalene	15.641	128	127652	18.882	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	38092	18.420	ug/l	98

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

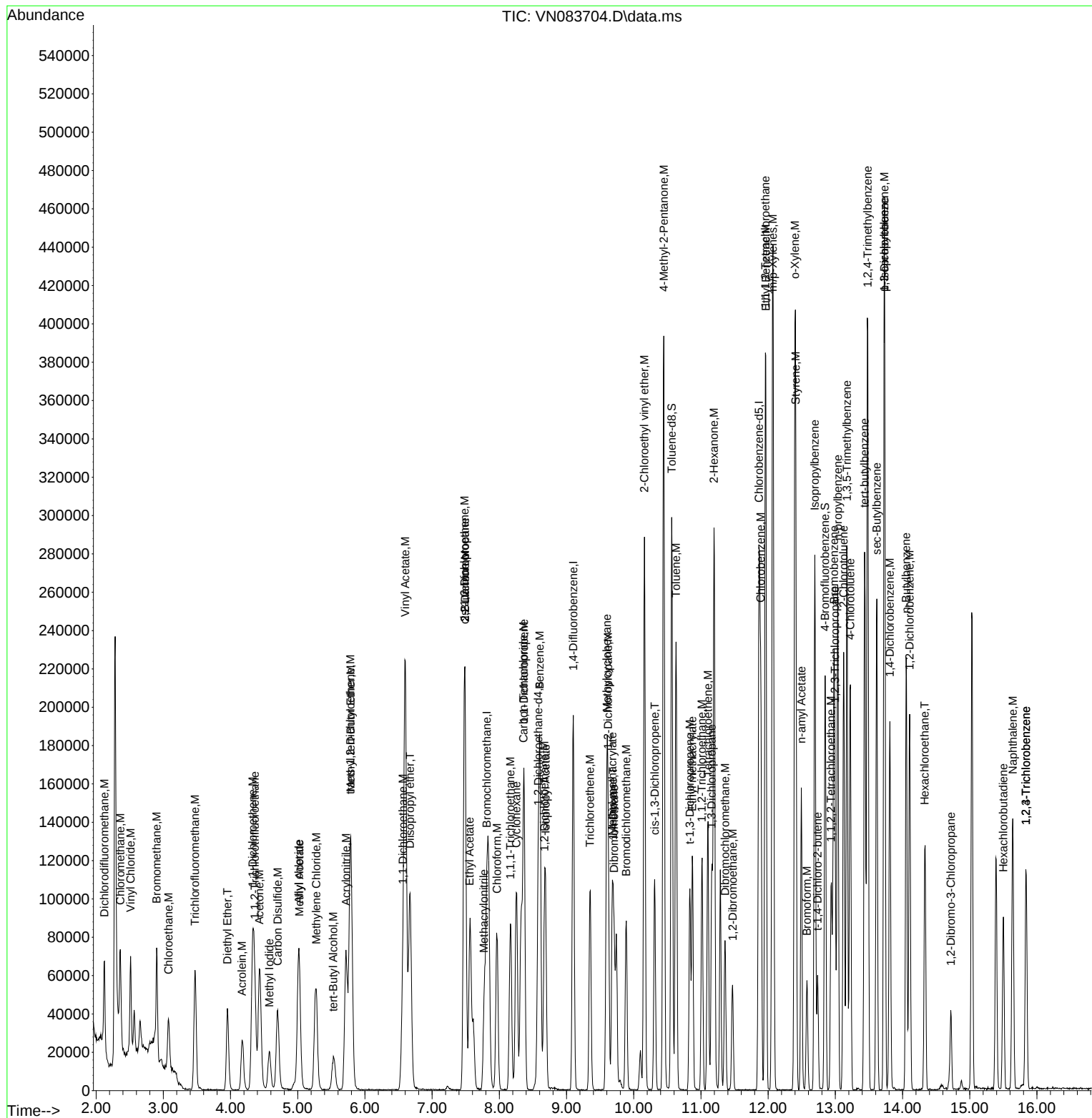
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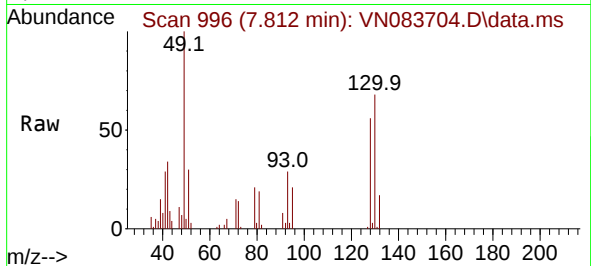
Reviewed By : John Carlone 09/09/2024
 Supervised By : Semsettin Yesilyurt 09/09/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

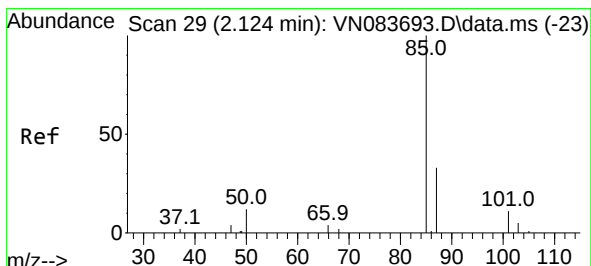
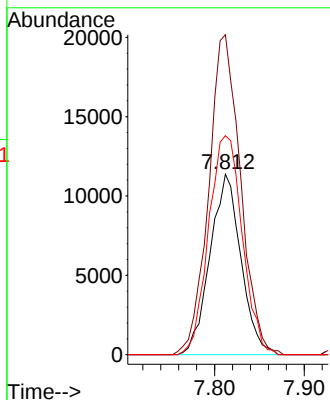
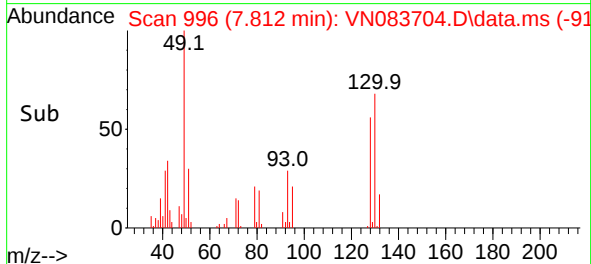
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 2717
Ion Ratio Lower Upper
128 100
49 182.8 0.0 403.7
130 132.3 0.0 323.3

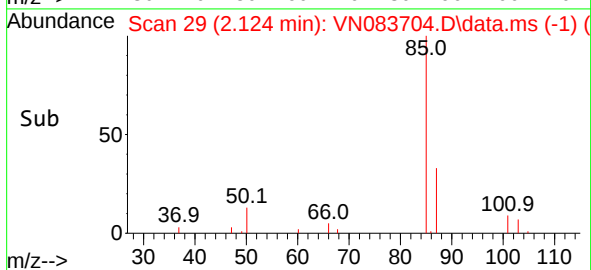
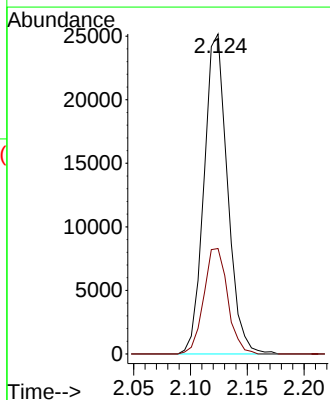
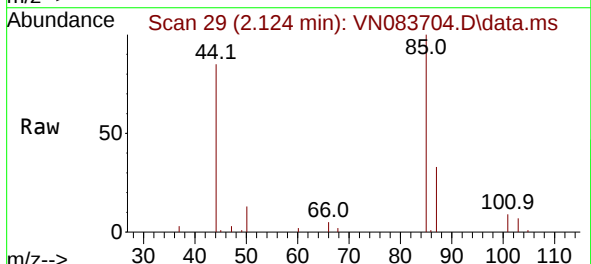
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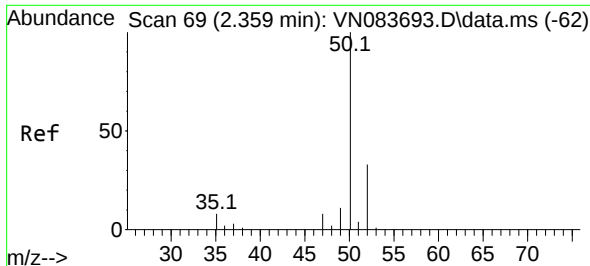
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#2
Dichlorodifluoromethane
Concen: 19.870 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 85 Resp: 36154
Ion Ratio Lower Upper
85 100
87 32.9 16.8 50.3





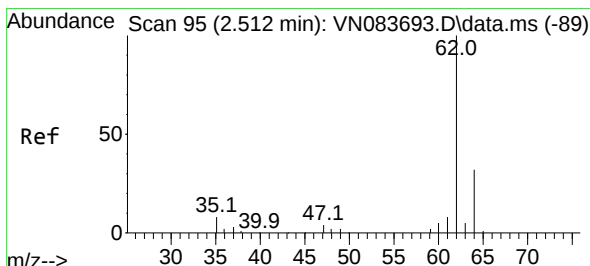
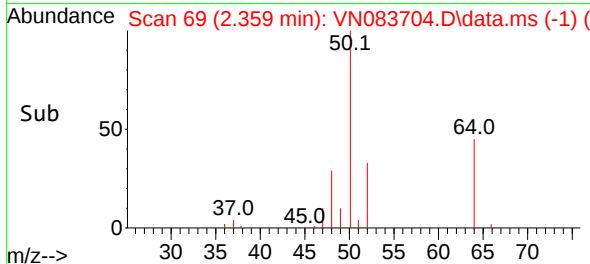
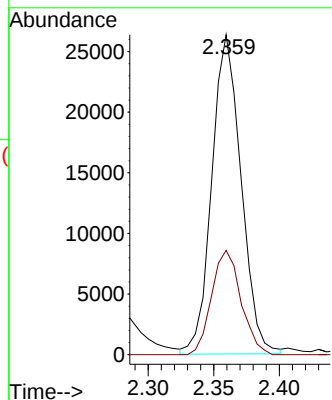
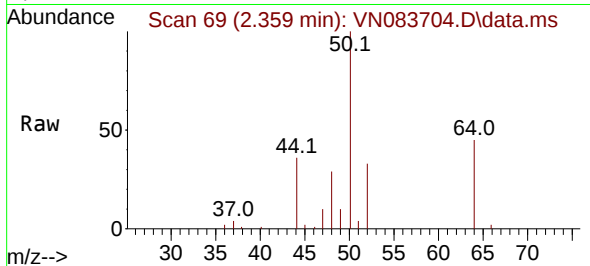
#3
Chloromethane
Concen: 21.611 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

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Tgt Ion: 50 Resp: 4085
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.0

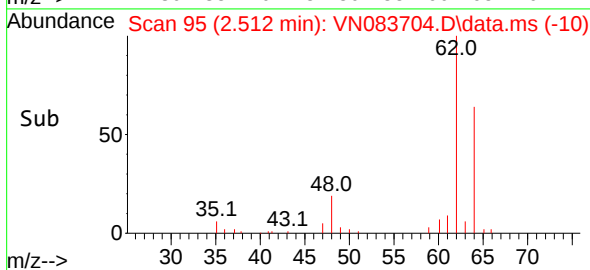
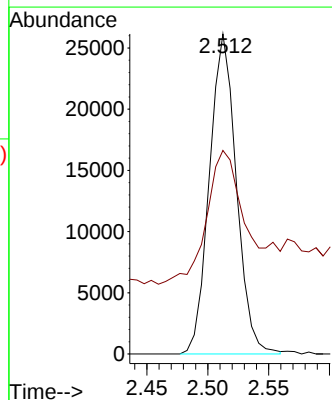
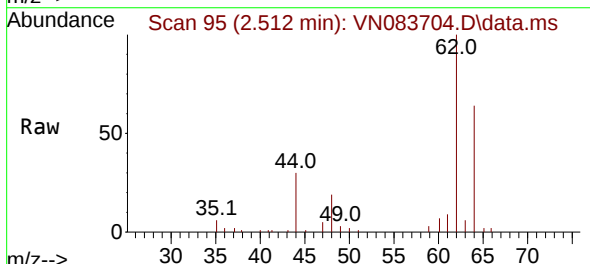
Manual Integrations
APPROVED

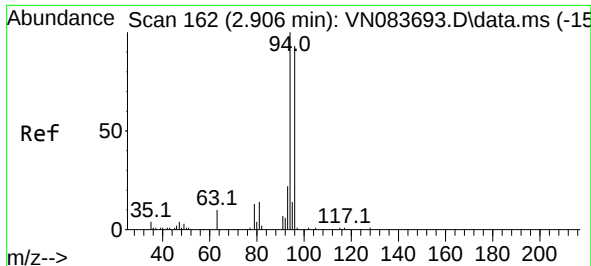
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#4
Vinyl Chloride
Concen: 20.715 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

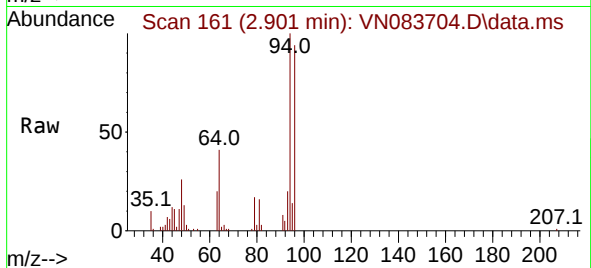
Tgt Ion: 62 Resp: 40260
Ion Ratio Lower Upper
62 100
64 38.4 24.1 36.1





#5
Bromomethane
Concen: 19.941 ug/l
RT: 2.901 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

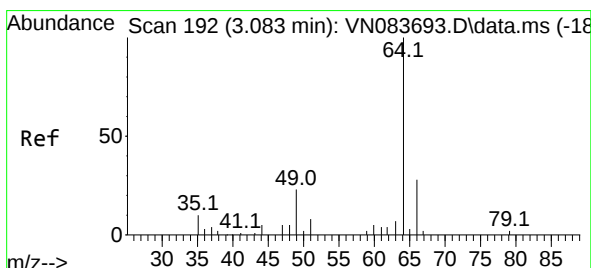
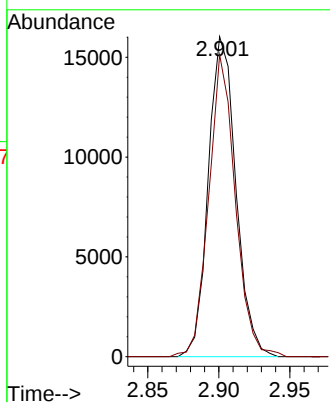
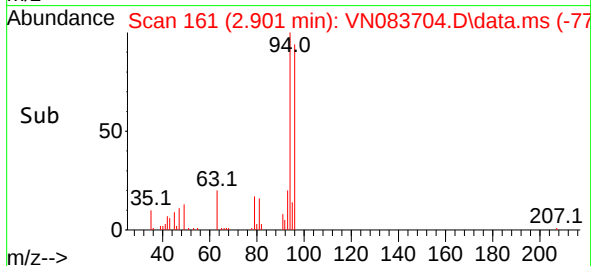
Instrument :
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Tgt Ion: 94 Resp: 21654
Ion Ratio Lower Upper
94 100
96 93.4 72.8 109.2

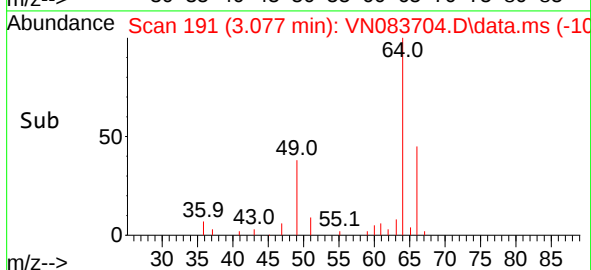
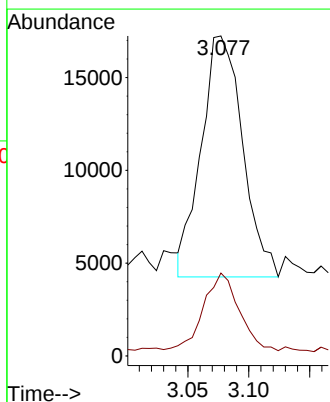
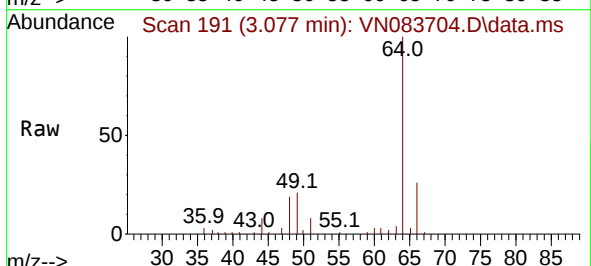
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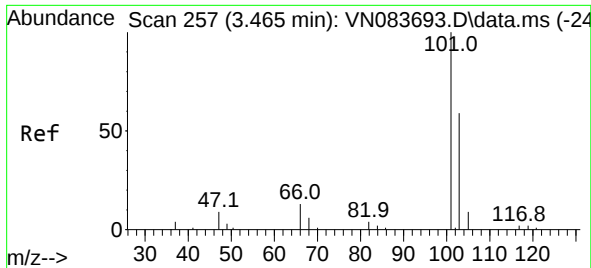
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#6
Chloroethane
Concen: 23.588 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 64 Resp: 30699
Ion Ratio Lower Upper
64 100
66 32.2 26.7 40.1





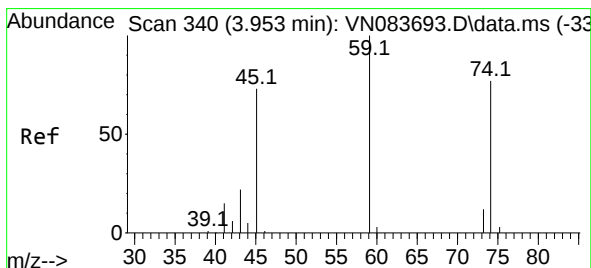
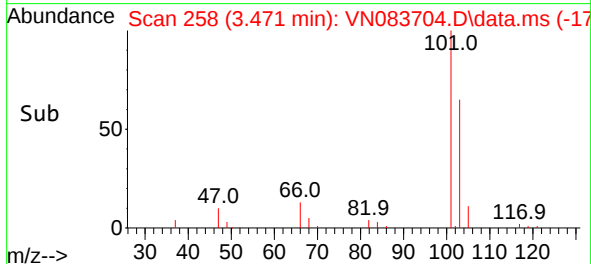
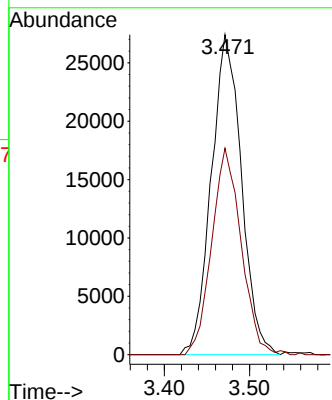
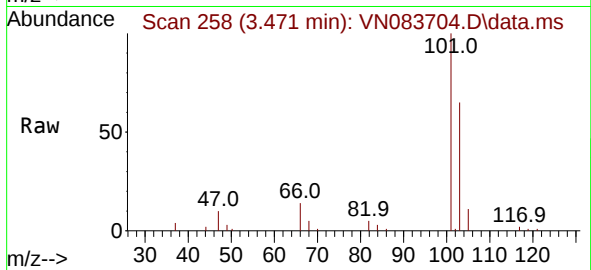
#7
Trichlorofluoromethane
Concen: 20.690 ug/l
RT: 3.471 min Scan# 257
Delta R.T. 0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 67410
Ion Ratio Lower Upper
101 100
103 64.5 53.0 79.4

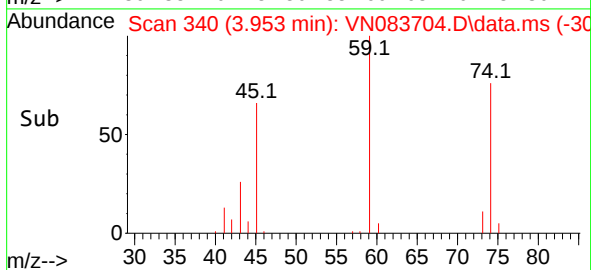
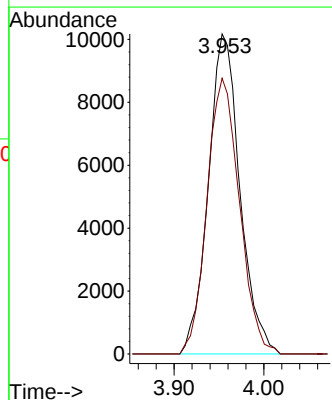
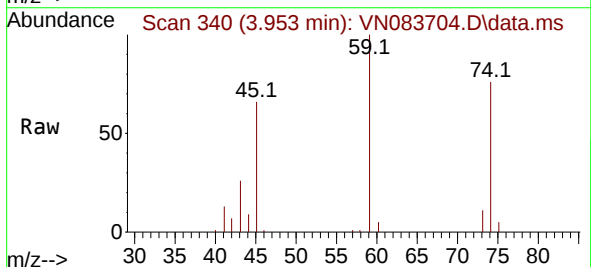
Manual Integrations
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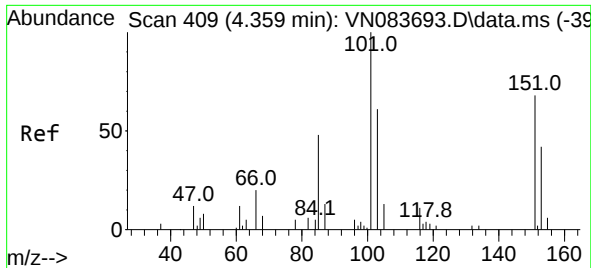
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#8
Diethyl Ether
Concen: 22.440 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 74 Resp: 24845
Ion Ratio Lower Upper
74 100
45 88.7 16.4 147.4





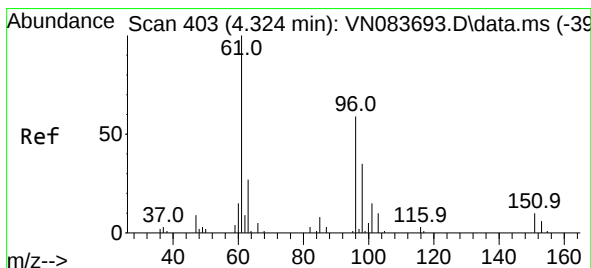
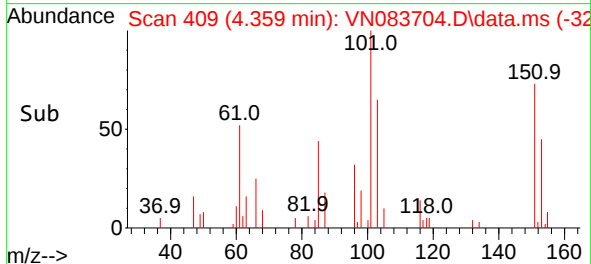
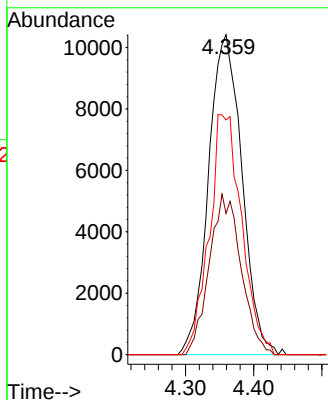
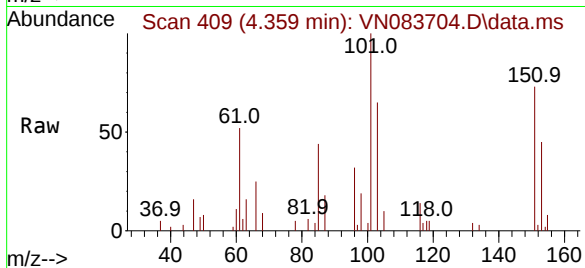
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.255 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN083704.D
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Tgt Ion:101 Resp: 3545
Ion Ratio Lower Upper
101 100
85 26.9 0.0 90.6
151 40.8 0.0 157.6

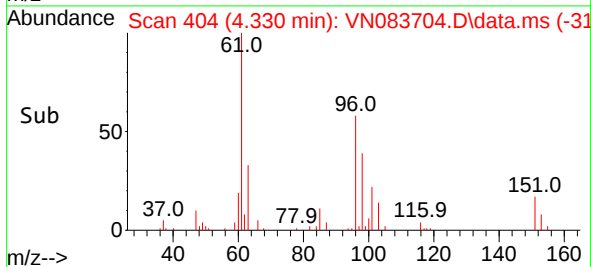
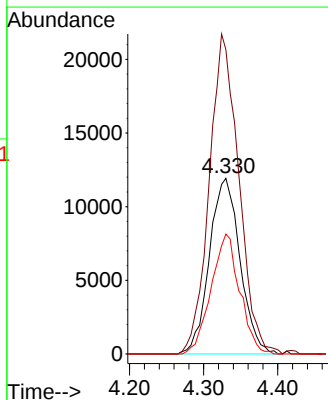
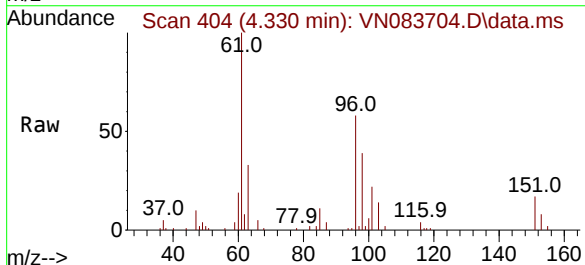
Manual Integrations
APPROVED

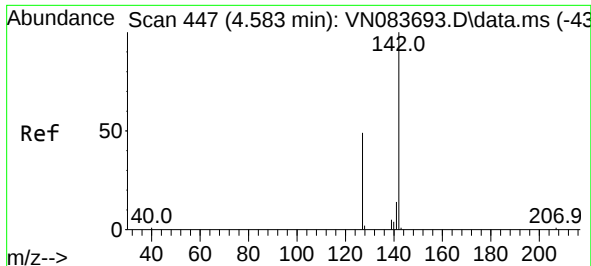
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#10
1,1-Dichloroethene
Concen: 20.283 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

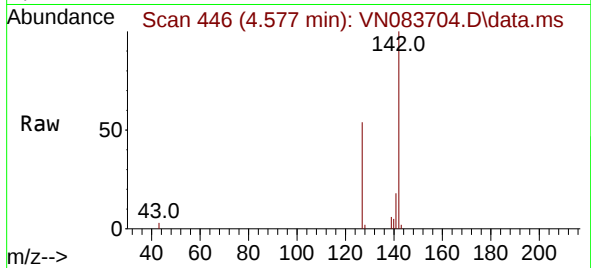
Tgt Ion: 96 Resp: 34253
Ion Ratio Lower Upper
96 100
61 173.2 117.6 176.4
98 68.2 48.4 72.6





#11
Methyl Iodide
Concen: 15.498 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

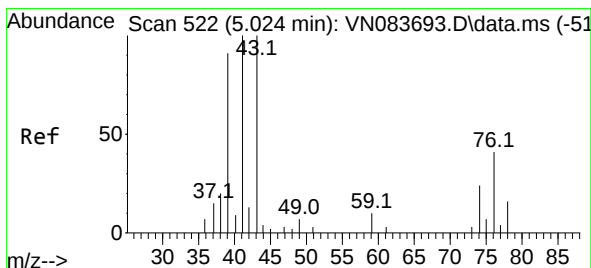
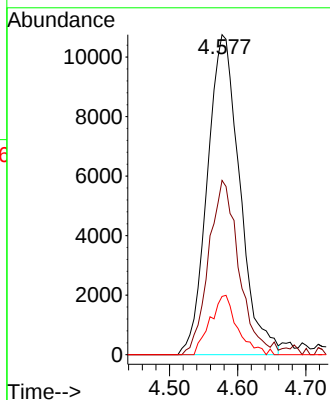
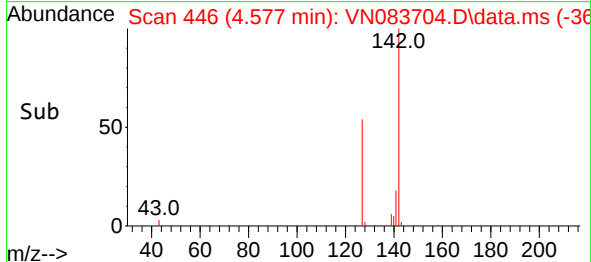
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 35550
Ion Ratio Lower Upper
142 100
127 54.5 26.3 78.9
141 18.4 8.3 24.9

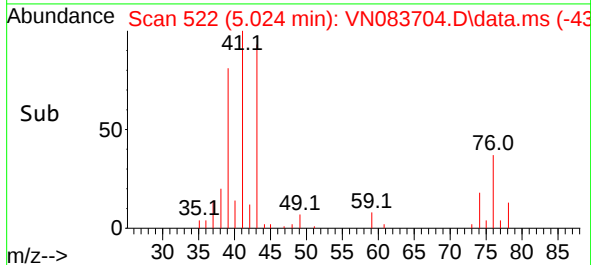
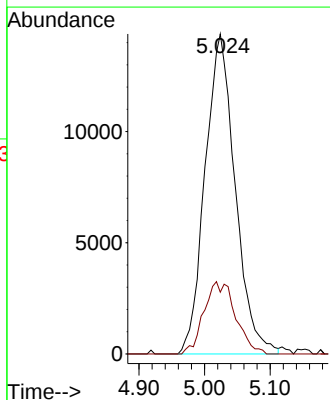
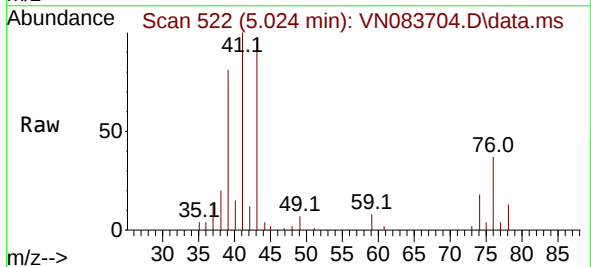
Manual Integrations
APPROVED

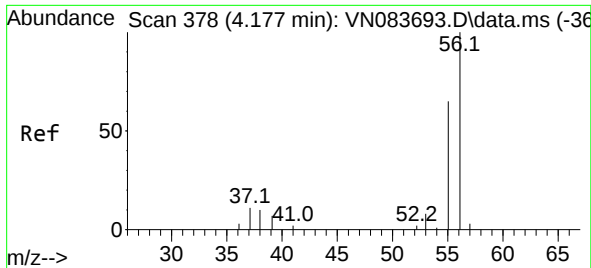
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#12
Methyl Acetate
Concen: 22.549 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

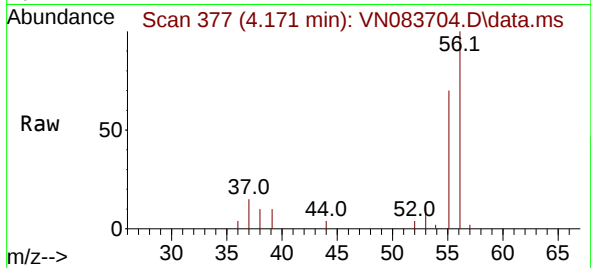
Tgt Ion: 43 Resp: 45923
Ion Ratio Lower Upper
43 100
74 19.5 27.7 41.5#





#13
Acrolein
Concen: 111.414 ug/l
RT: 4.171 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

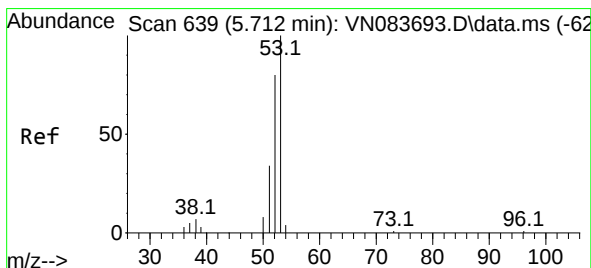
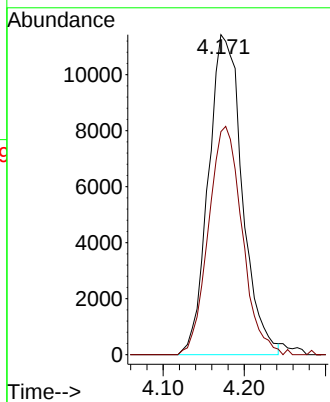
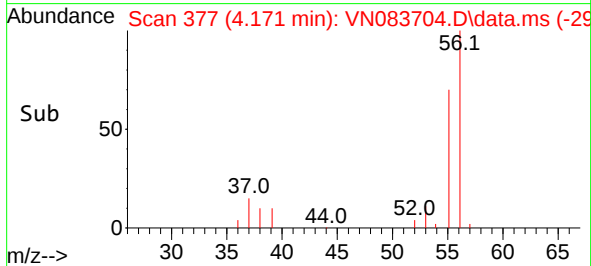
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 3311
Ion Ratio Lower Upper
56 100
55 71.0 55.5 83.3

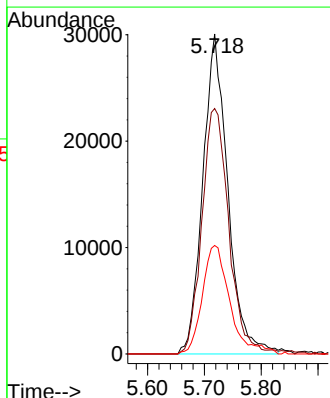
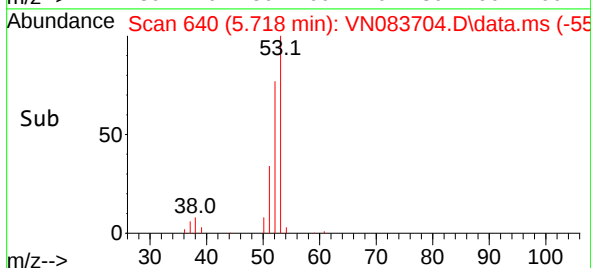
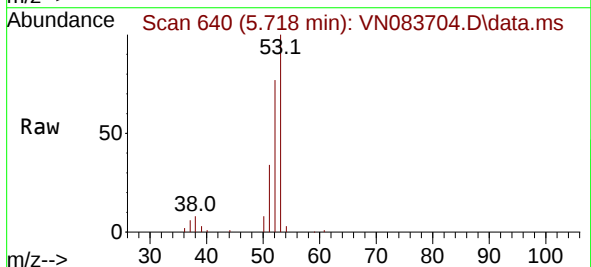
Manual Integrations
APPROVED

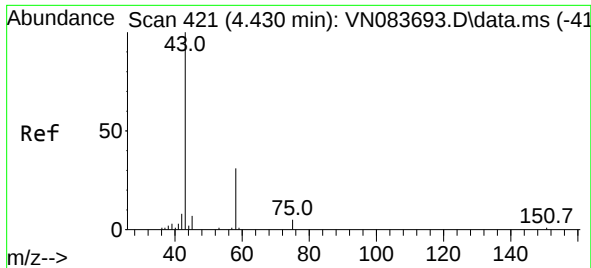
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#14
Acrylonitrile
Concen: 111.376 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 53 Resp: 91794
Ion Ratio Lower Upper
53 100
52 82.0 41.3 123.9
51 36.2 16.8 50.3





#15

Acetone

Concen: 90.933 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 2486

Ion Ratio Lower Upper

58 100

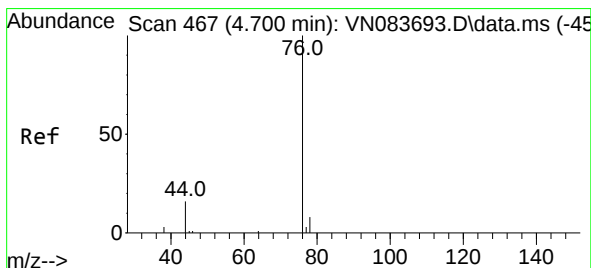
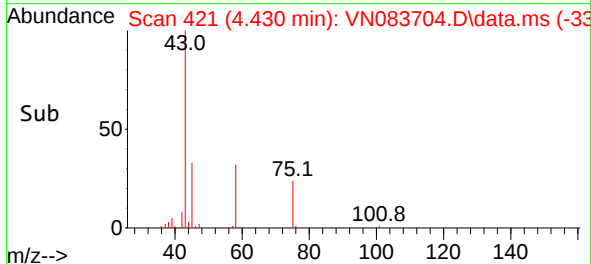
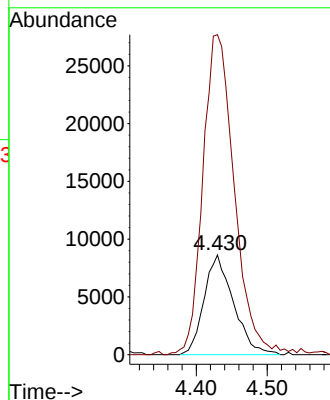
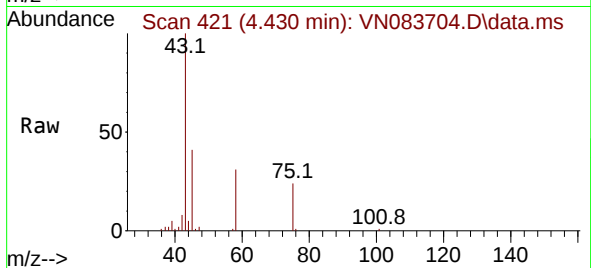
43 316.7 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Semsettin Yesilyurt 09/09/2024



#16

Carbon Disulfide

Concen: 19.576 ug/l

RT: 4.700 min Scan# 467

Delta R.T. 0.000 min

Lab File: VN083704.D

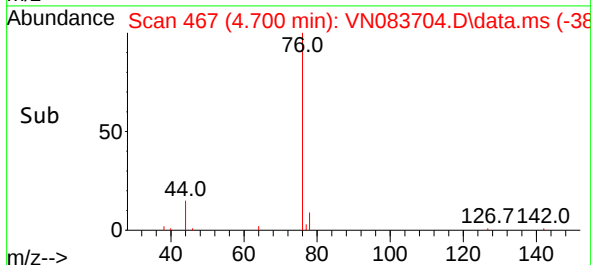
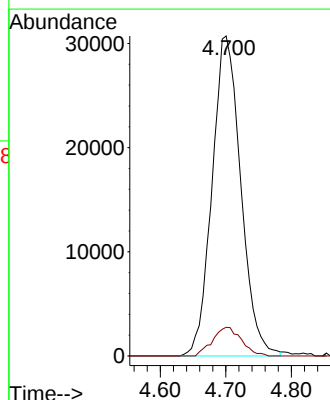
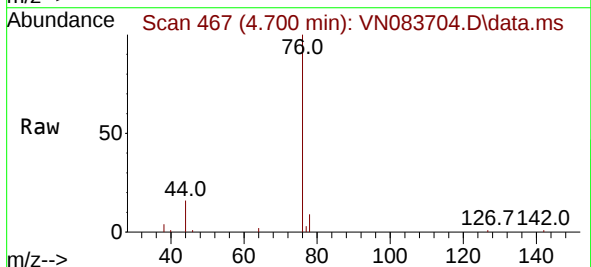
Acq: 06 Sep 2024 18:24

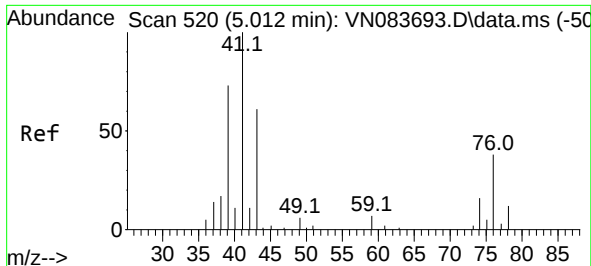
Tgt Ion: 76 Resp: 93428

Ion Ratio Lower Upper

76 100

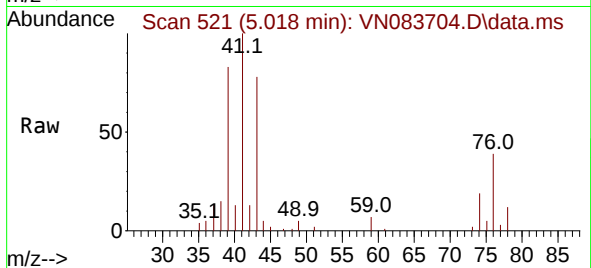
78 8.9 6.3 9.5





#17
Allyl chloride
Concen: 20.753 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

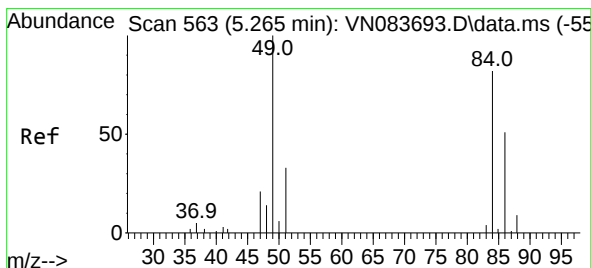
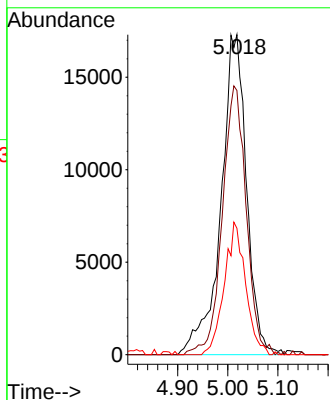
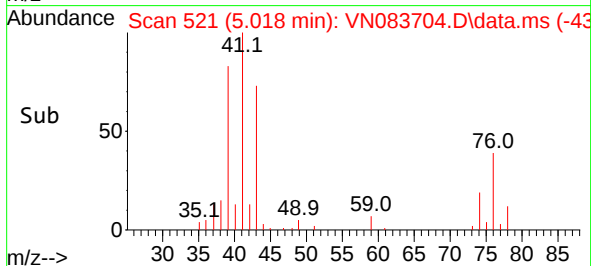
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



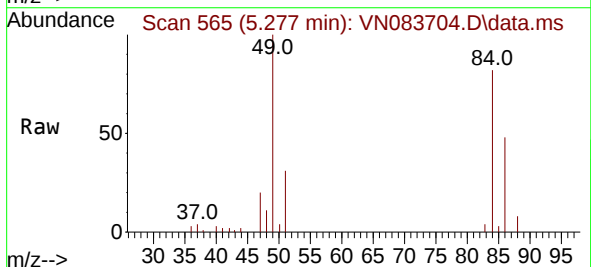
Tgt Ion: 41 Resp: 61458
Ion Ratio Lower Upper
41 100
39 82.6 37.6 112.9
76 39.5 27.8 83.4

Manual Integrations
APPROVED

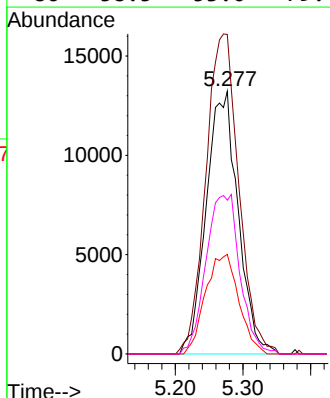
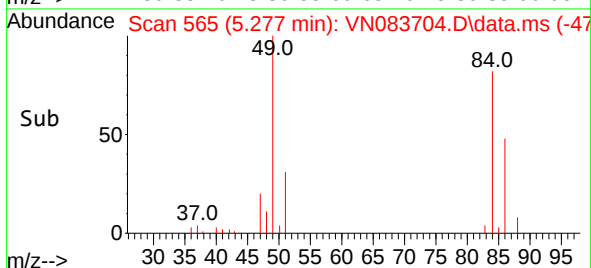
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024

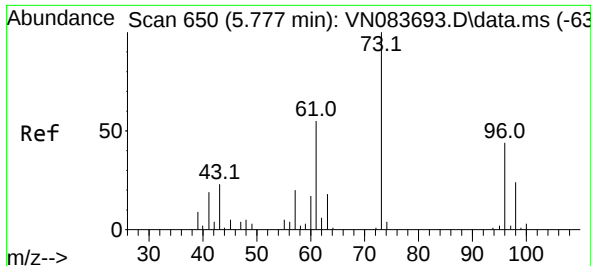


#18
Methylene Chloride
Concen: 23.426 ug/l m
RT: 5.277 min Scan# 565
Delta R.T. 0.012 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24



Tgt Ion: 84 Resp: 43281
Ion Ratio Lower Upper
84 100
49 121.6 86.0 129.0
51 37.8 30.0 45.0
86 58.5 53.0 79.4





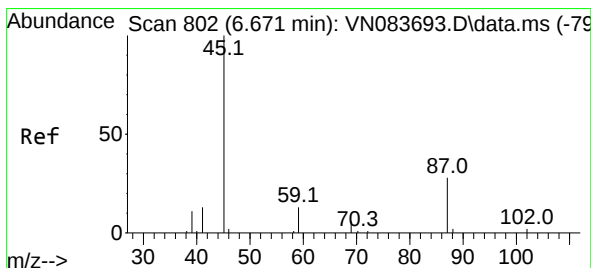
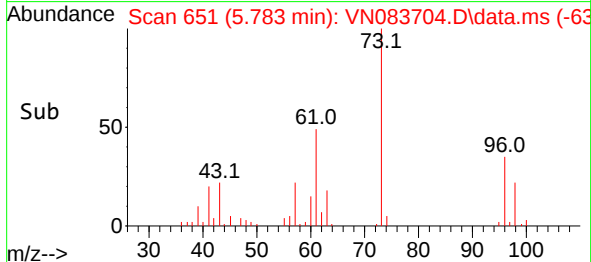
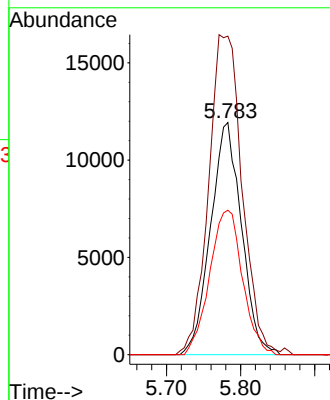
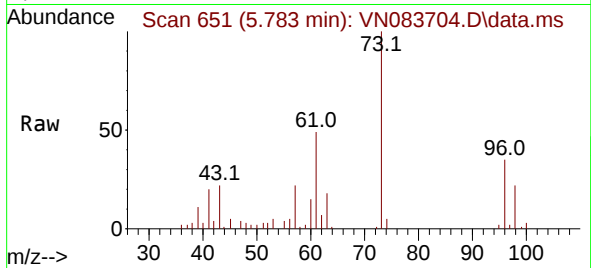
#19
trans-1,2-Dichloroethene
Concen: 19.755 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 34570
Ion Ratio Lower Upper
96 100
61 135.9 111.8 167.6
98 62.3 49.2 73.8

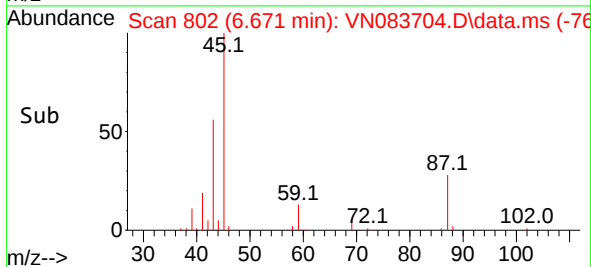
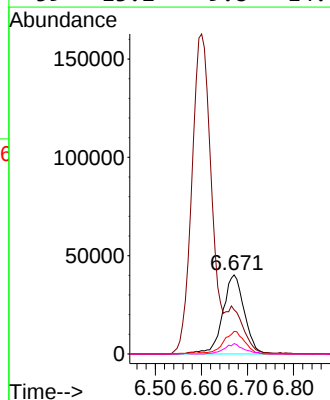
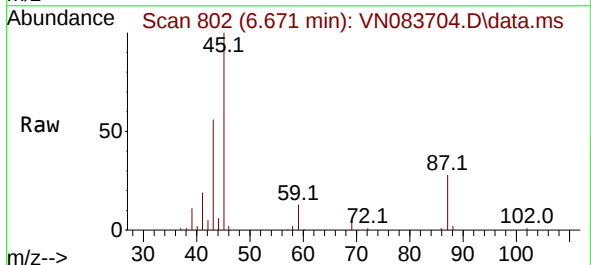
Manual Integrations
APPROVED

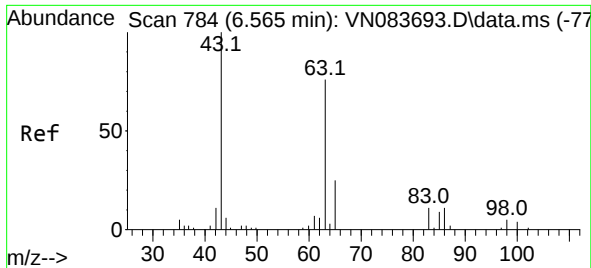
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#20
Diisopropyl ether
Concen: 21.786 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 45 Resp: 130294
Ion Ratio Lower Upper
45 100
43 54.1 40.4 60.6
87 28.5 23.8 35.8
59 13.2 9.8 14.6





#21
1,1-Dichloroethane
Concen: 21.445 ug/l
RT: 6.565 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

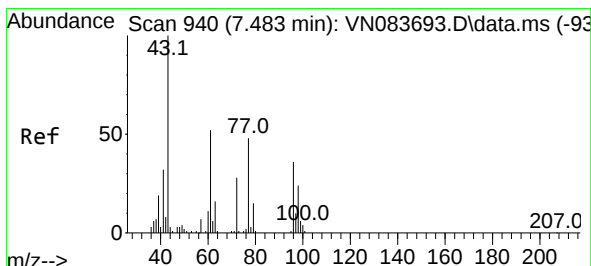
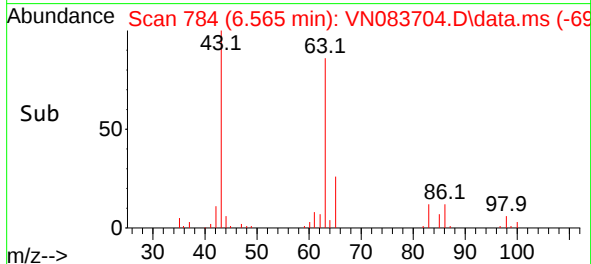
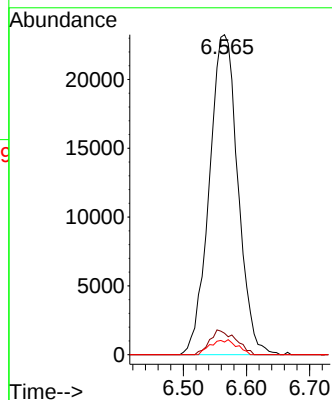
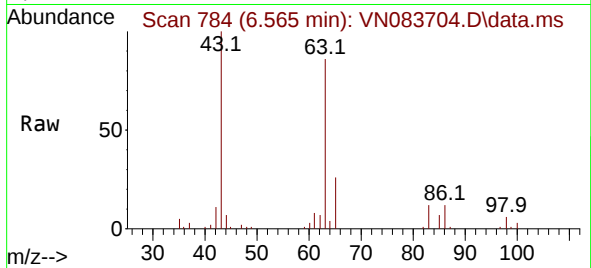
Tgt Ion: 63 Resp: 73225
Ion Ratio Lower Upper
63 100
98 6.7 4.1 12.3
100 4.0 3.0 9.0

Manual Integrations

APPROVED

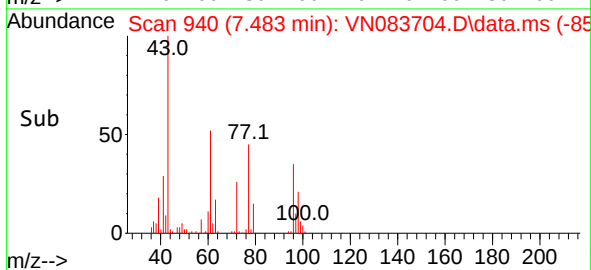
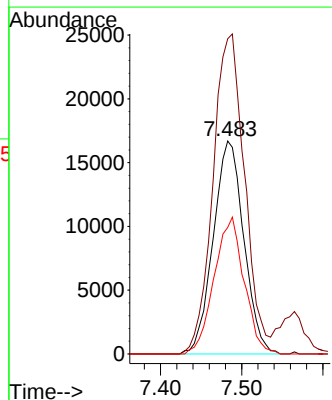
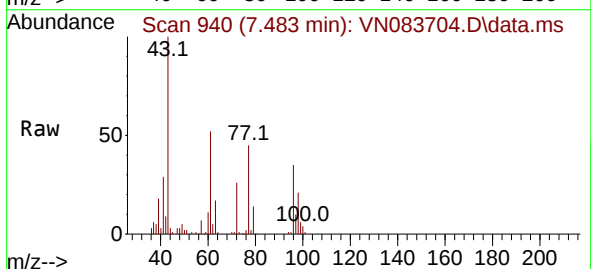
Reviewed By :John Carlone 09/09/2024

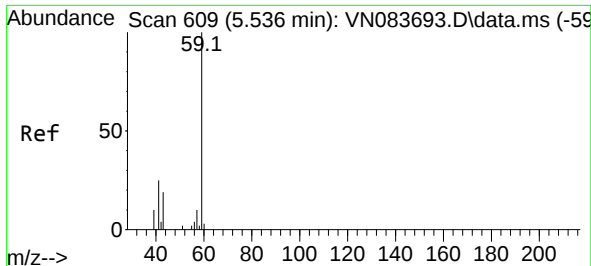
Supervised By :Semsettin Yesilyurt 09/09/2024



#22
cis-1,2-Dichloroethene
Concen: 20.547 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 96 Resp: 43771
Ion Ratio Lower Upper
96 100
61 155.2 113.5 170.3
98 62.8 52.0 78.0





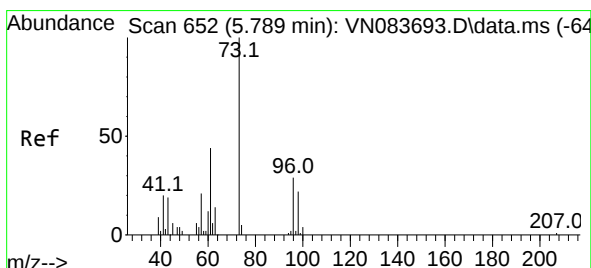
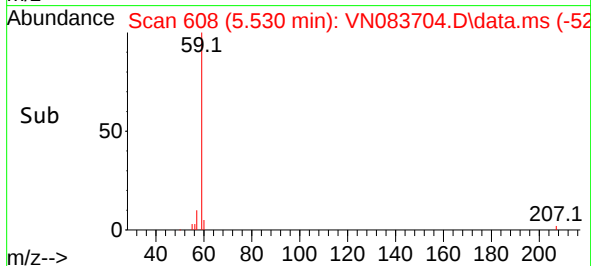
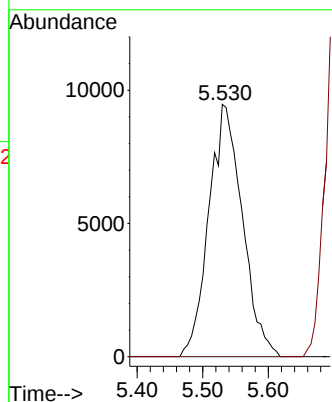
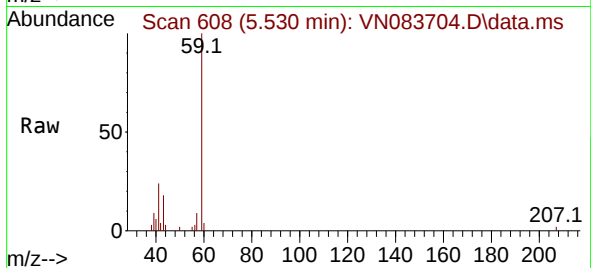
#23
tert-Butyl Alcohol
Concen: 111.033 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 3358
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

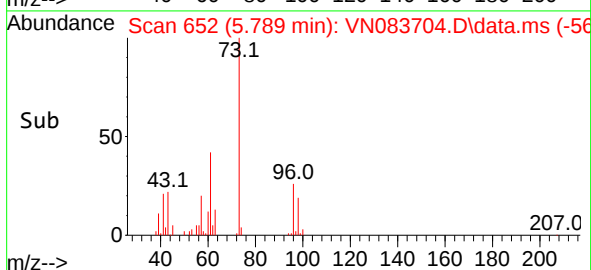
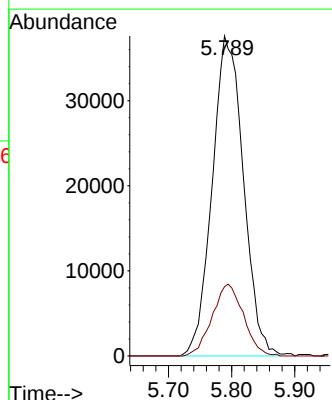
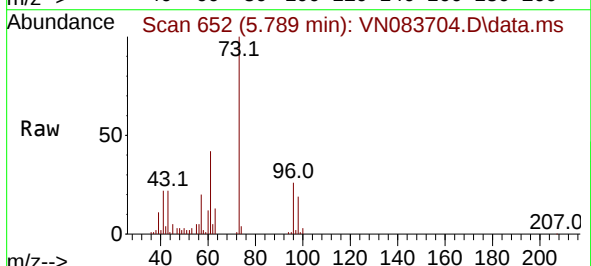
Manual Integrations
APPROVED

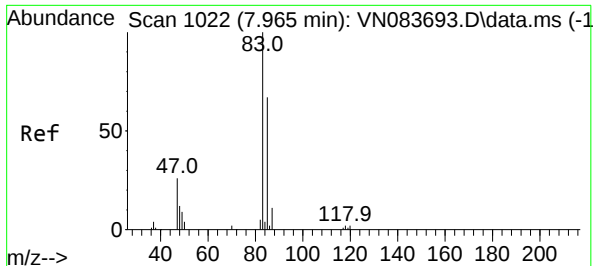
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#24
Methyl tert-Butyl Ether
Concen: 21.503 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 73 Resp: 129045
Ion Ratio Lower Upper
73 100
43 22.5 13.4 20.2#





#25

Chloroform

Concen: 21.390 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 7740

Ion Ratio Lower Upper

83 100

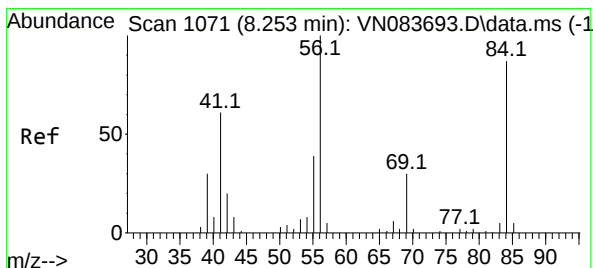
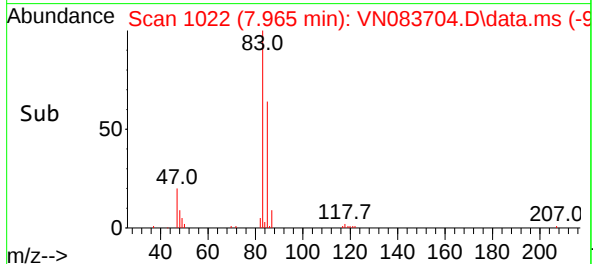
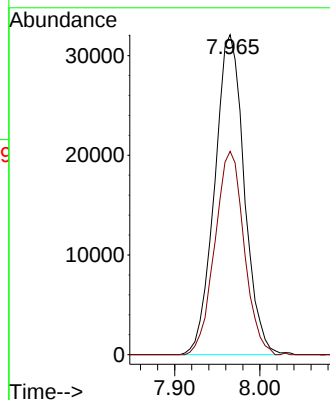
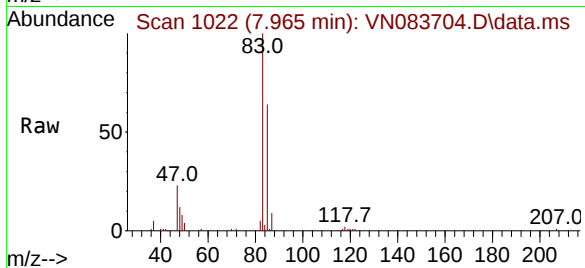
85 63.6 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Semsettin Yesilyurt 09/09/2024



#26

Cyclohexane

Concen: 19.525 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

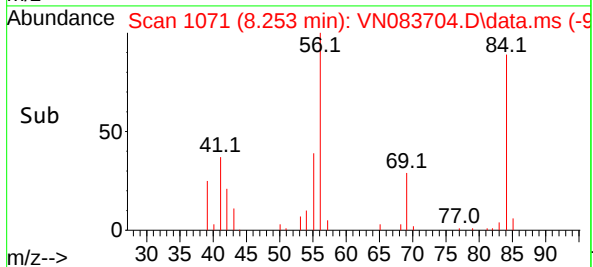
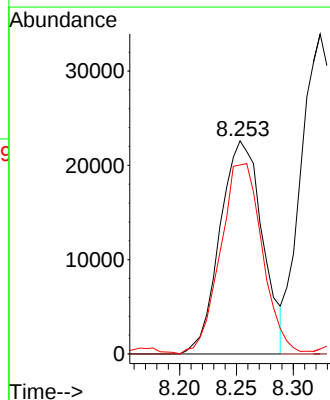
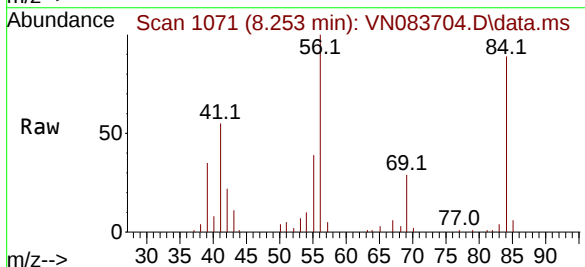
Tgt Ion: 56 Resp: 58720

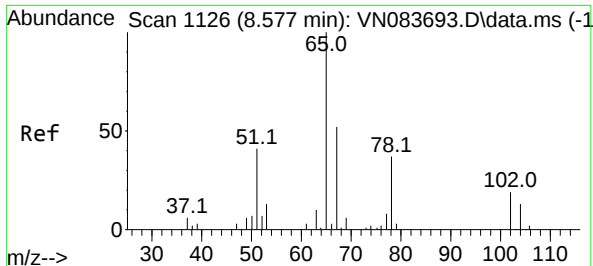
Ion Ratio Lower Upper

56 100

89 0.0 19.3 28.9

84 88.2 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 31.029 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

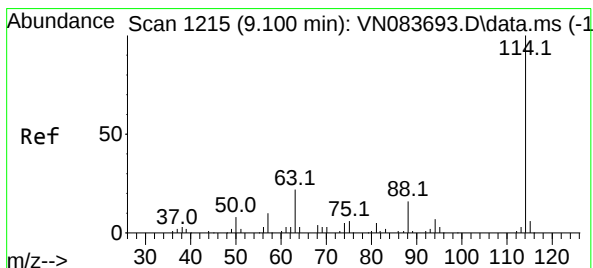
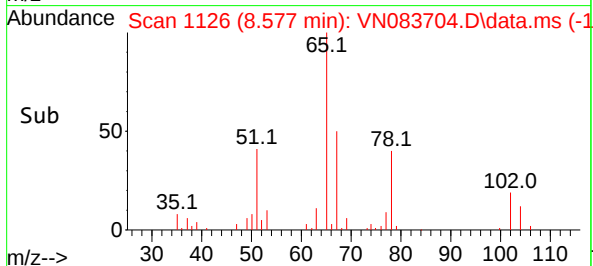
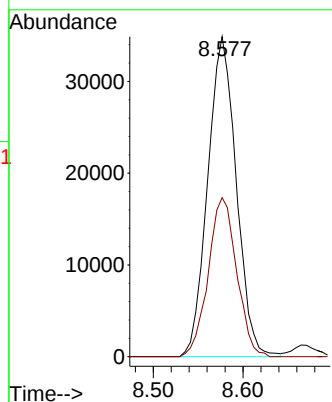
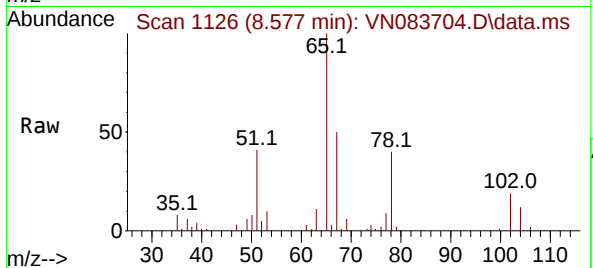
Tgt Ion: 65 Resp: 77065
Ion Ratio Lower Upper
65 100
67 49.4 43.2 64.8

Manual Integrations

APPROVED

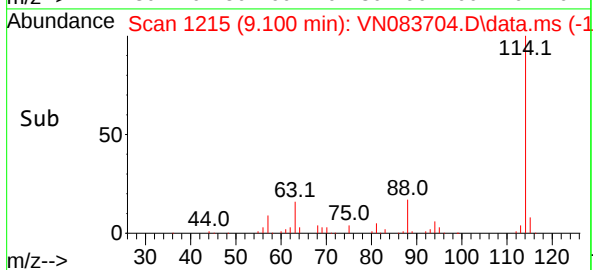
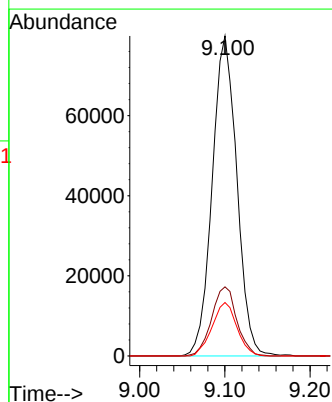
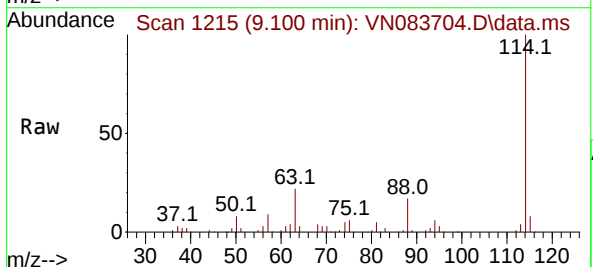
Reviewed By :John Carlone 09/09/2024

Supervised By :Semsettin Yesilyurt 09/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion:114 Resp: 160582
Ion Ratio Lower Upper
114 100
63 22.1 15.9 23.9
88 16.9 12.7 19.1





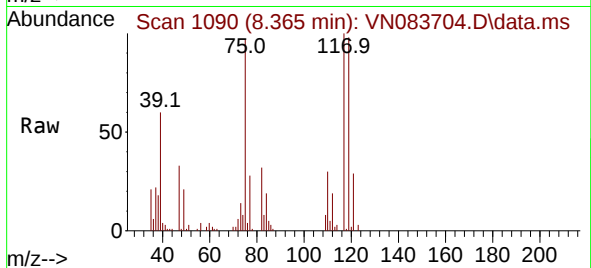
#29
1,1-Dichloropropene
Concen: 19.915 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



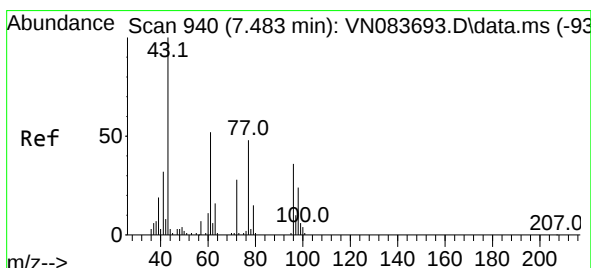
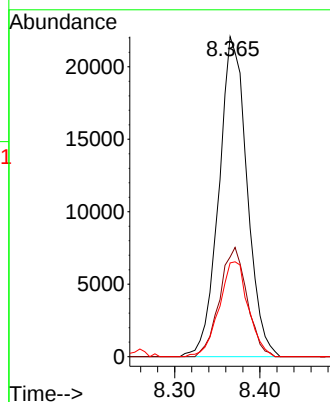
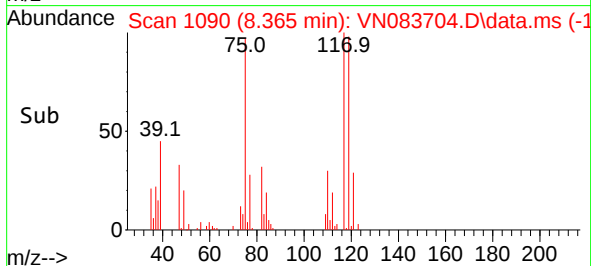
Tgt Ion: 75 Resp: 50725
Ion Ratio Lower Upper
75 100
110 33.3 0.0 70.2
77 30.6 0.0 61.4

Manual Integrations

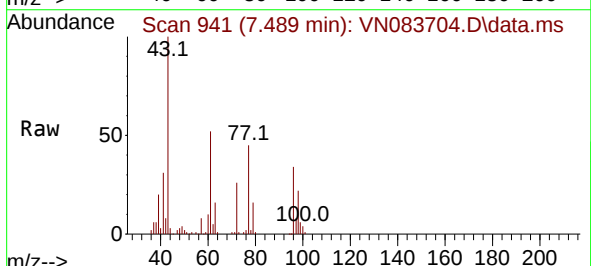
APPROVED

Reviewed By :John Carlone 09/09/2024

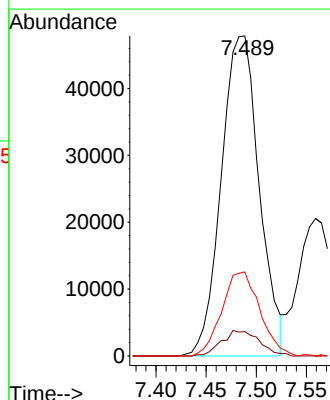
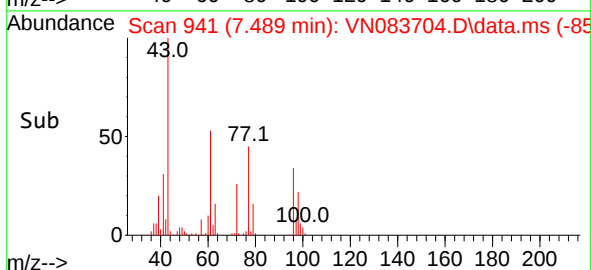
Supervised By :Semsettin Yesilyurt 09/09/2024

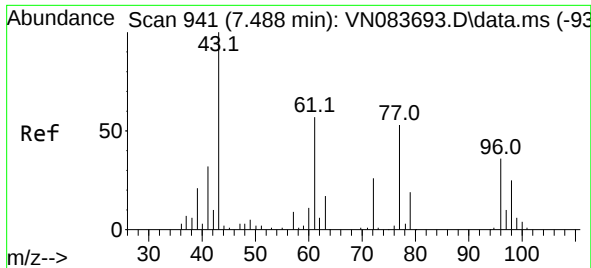


#30
2-Butanone
Concen: 104.927 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24



Tgt Ion: 43 Resp: 125981
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 26.2 24.0 36.0





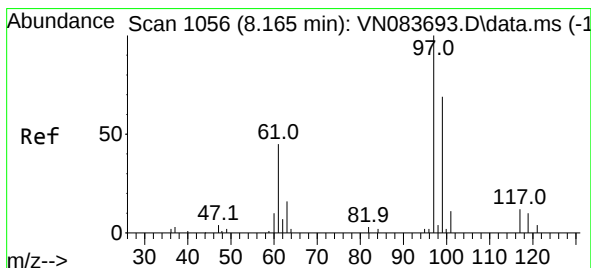
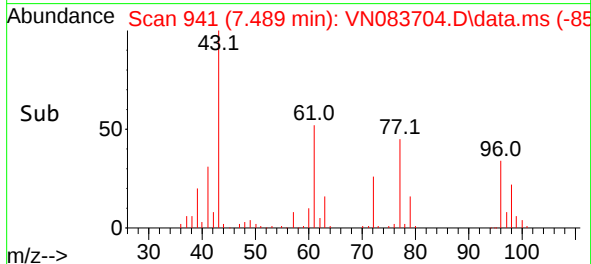
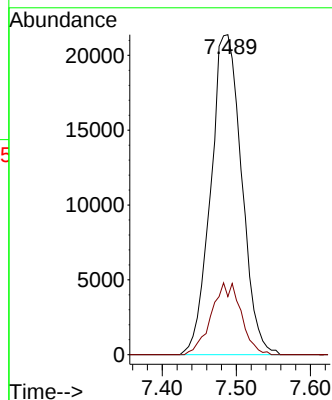
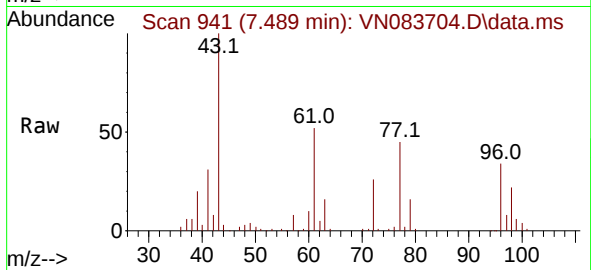
#31
2,2-Dichloropropane
Concen: 19.064 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 61908
Ion Ratio Lower Upper
77 100
97 21.6 18.3 27.5

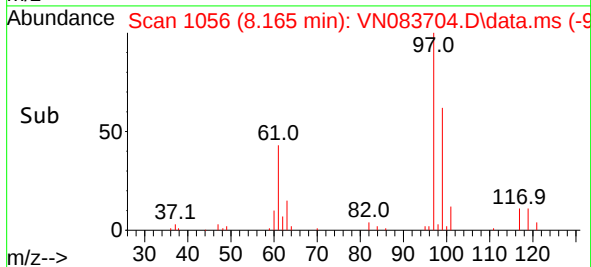
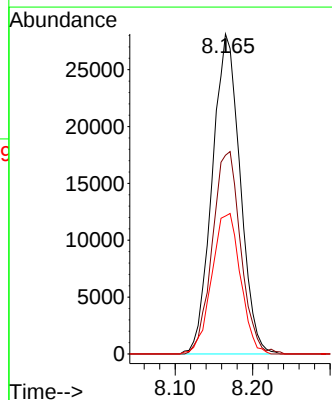
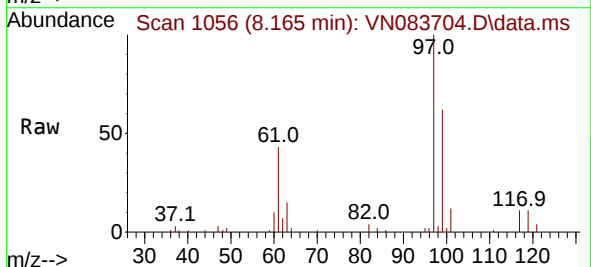
Manual Integrations
APPROVED

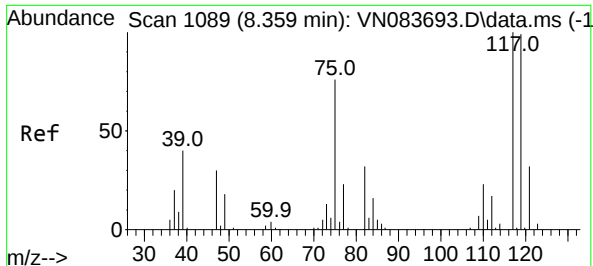
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#32
1,1,1-Trichloroethane
Concen: 20.695 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

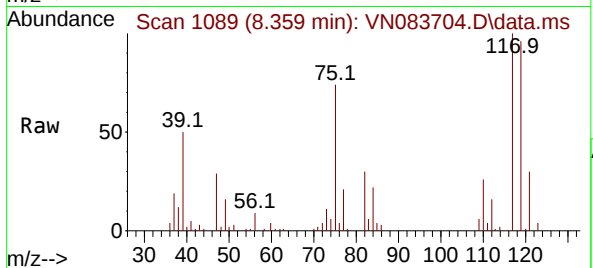
Tgt Ion: 97 Resp: 70394
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 45.3 33.8 50.8





#33
Carbon Tetrachloride
Concen: 20.363 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

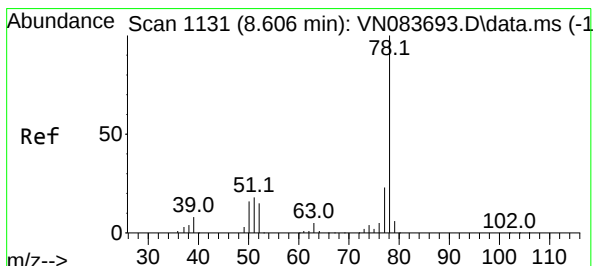
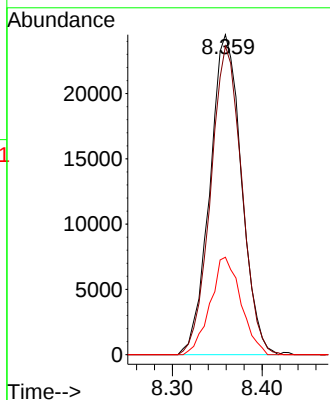
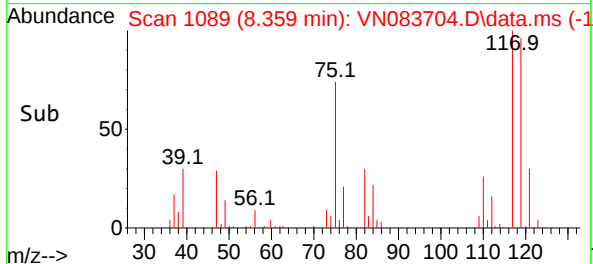
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



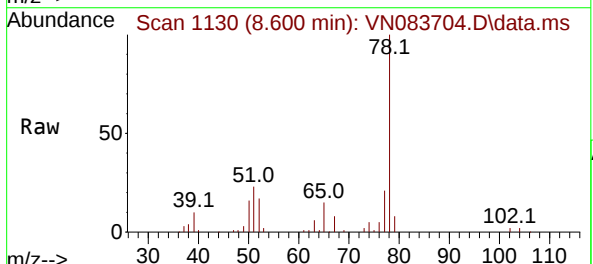
Tgt Ion: 117 Resp: 59984
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5
121 30.5 27.0 40.6

Manual Integrations
APPROVED

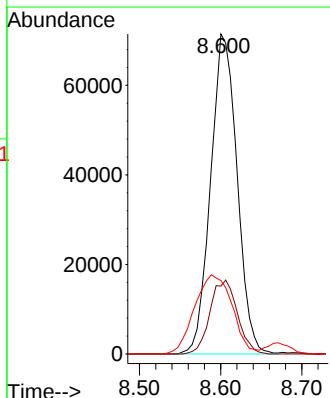
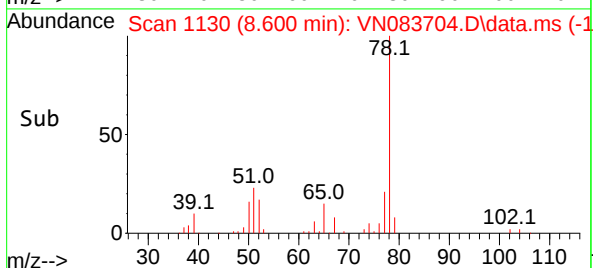
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024

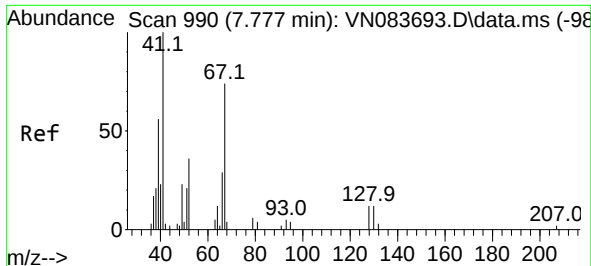


#34
Benzene
Concen: 21.166 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24



Tgt Ion: 78 Resp: 161754
Ion Ratio Lower Upper
78 100
77 21.2 19.2 28.8
51 20.9 13.3 19.9#





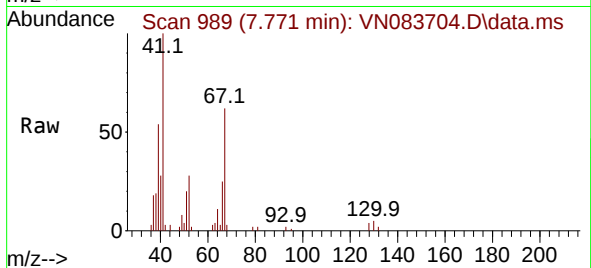
#35
Methacrylonitrile
Concen: 20.593 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



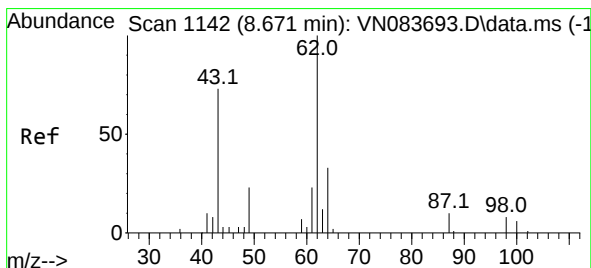
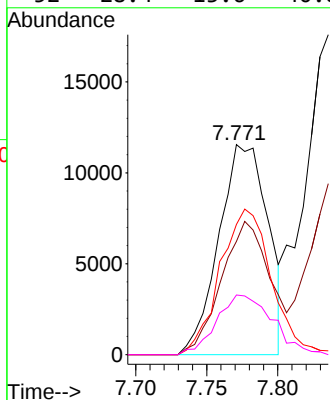
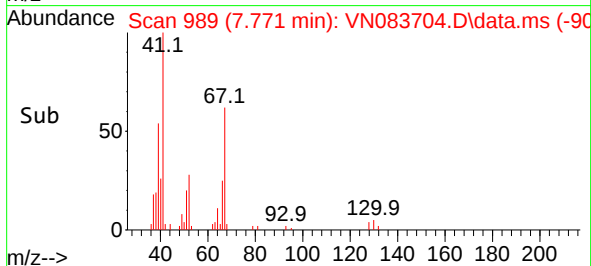
Tgt Ion: 41 Resp: 2779
Ion Ratio Lower Upper
41 100
39 53.9 25.3 75.9
67 62.0 38.7 116.1
52 28.4 13.6 40.8

Manual Integrations

APPROVED

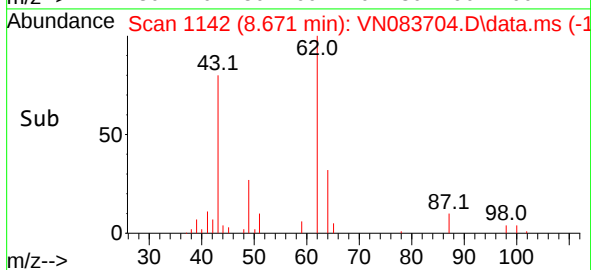
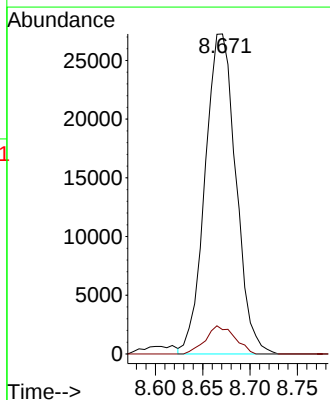
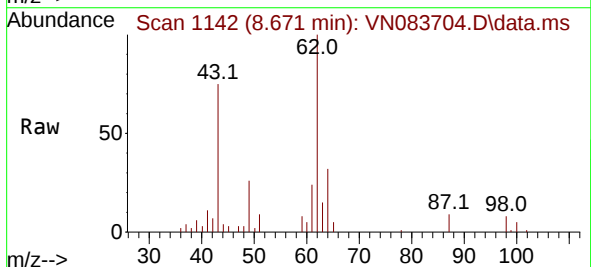
Reviewed By :John Carlone 09/09/2024

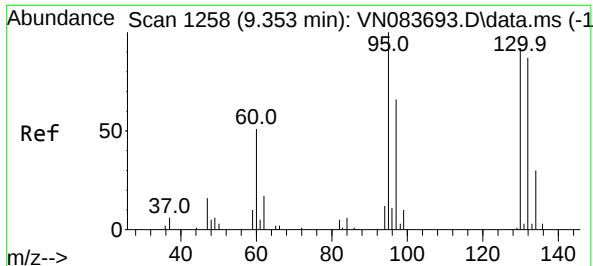
Supervised By :Semsettin Yesilyurt 09/09/2024



#36
1,2-Dichloroethane
Concen: 21.500 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

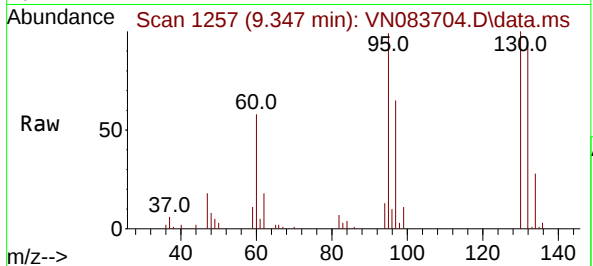
Tgt Ion: 62 Resp: 61770
Ion Ratio Lower Upper
62 100
98 8.3 8.2 12.4





#37
Trichloroethene
Concen: 20.141 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

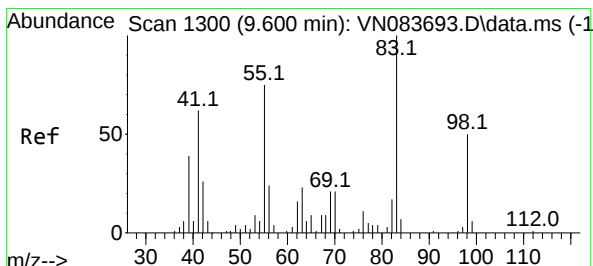
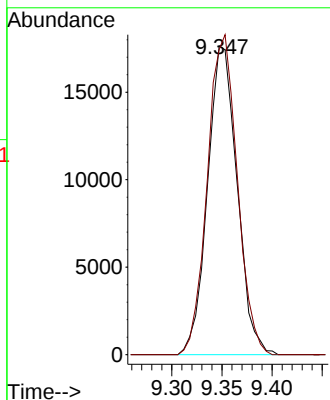
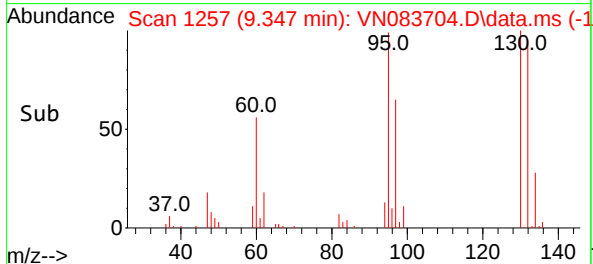
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



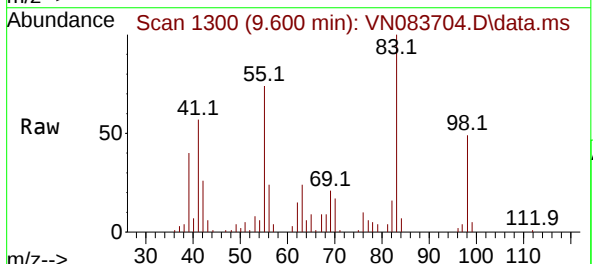
Tgt Ion:130 Resp: 36140
Ion Ratio Lower Upper
130 100
95 98.8 80.2 120.4

Manual Integrations
APPROVED

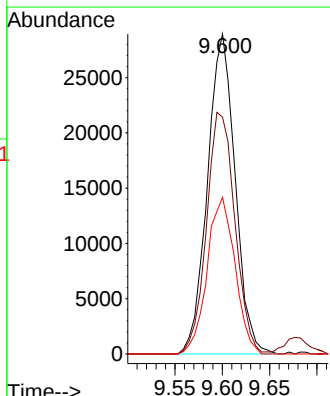
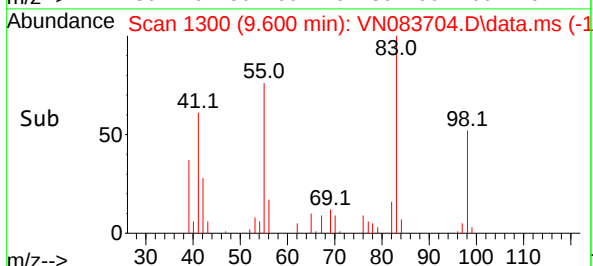
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024

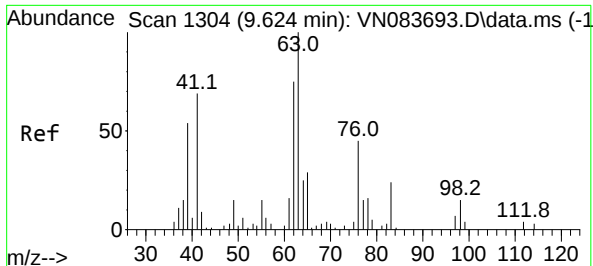


#38
Methylcyclohexane
Concen: 19.291 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24



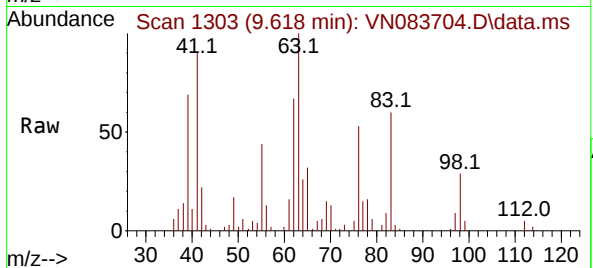
Tgt Ion: 83 Resp: 58826
Ion Ratio Lower Upper
83 100
55 77.4 36.6 109.9
98 49.3 23.8 71.5





#39
1,2-Dichloropropane
Concen: 21.286 ug/l
RT: 9.618 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

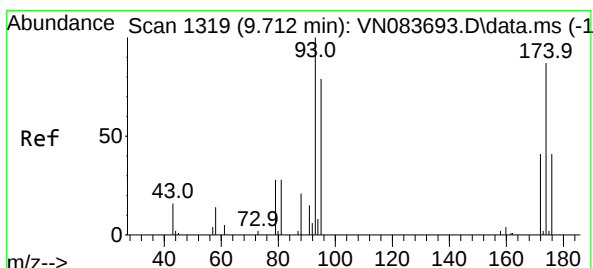
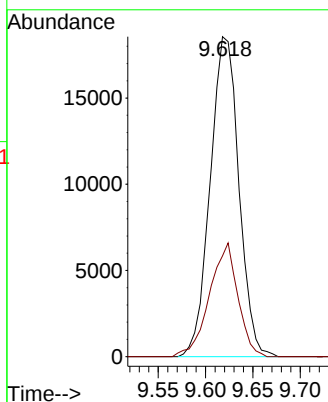
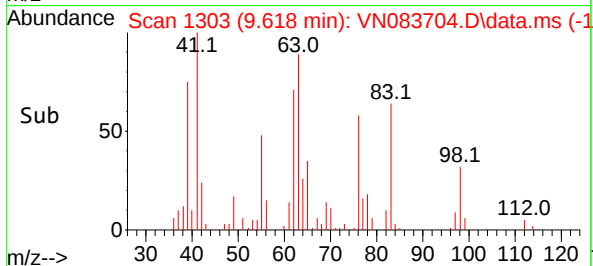
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



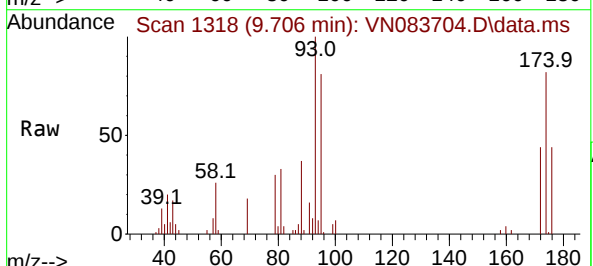
Tgt Ion: 63 Resp: 3915
Ion Ratio Lower Upper
63 100
65 31.5 25.0 37.4

Manual Integrations
APPROVED

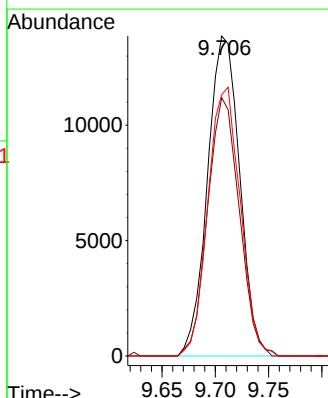
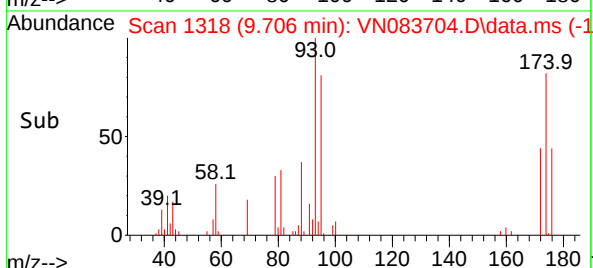
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024

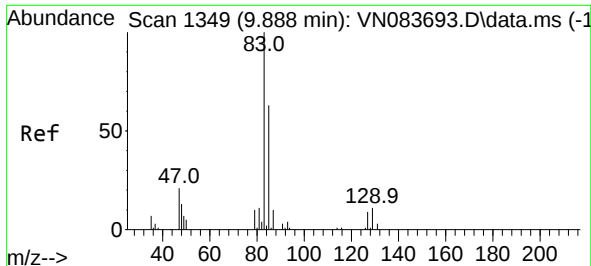


#40
Dibromomethane
Concen: 21.659 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24



Tgt Ion: 93 Resp: 29129
Ion Ratio Lower Upper
93 100
95 79.4 0.0 164.6
174 84.2 0.0 193.2





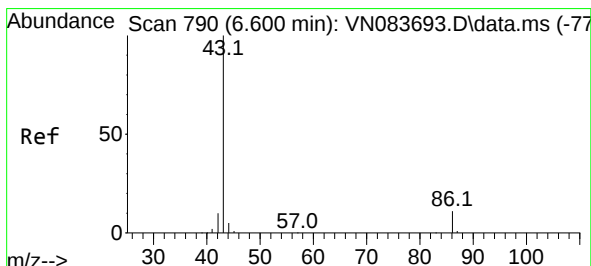
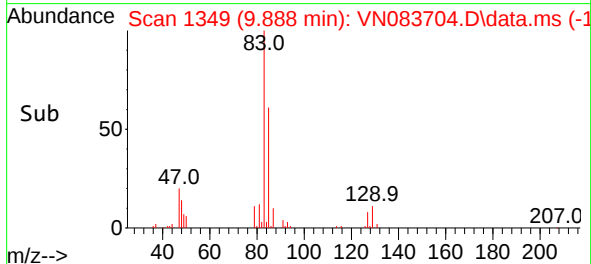
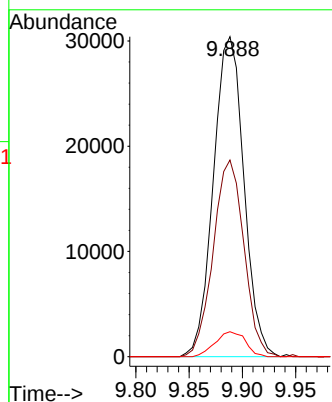
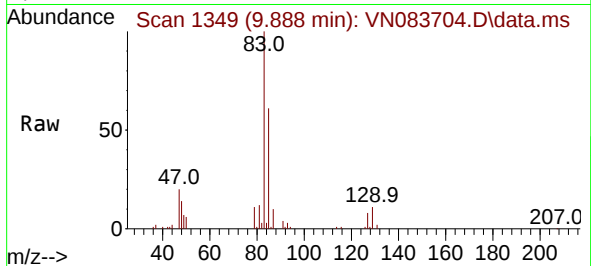
#41
Bromodichloromethane
Concen: 21.165 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 60530
Ion Ratio Lower Upper
83 100
85 61.5 49.4 74.2
127 7.8 7.3 10.9

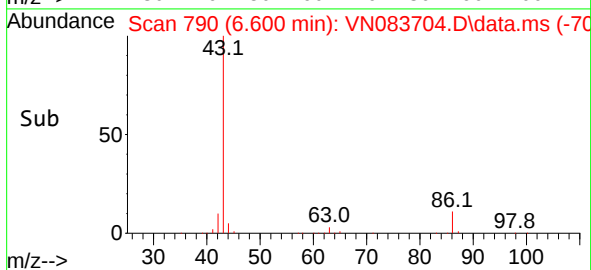
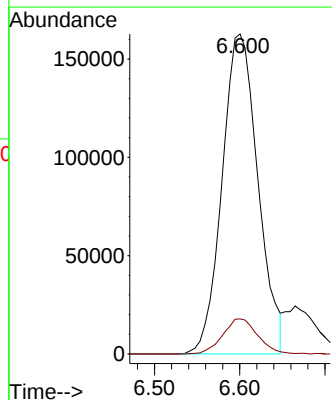
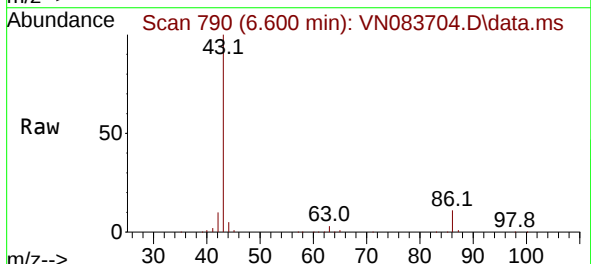
Manual Integrations
APPROVED

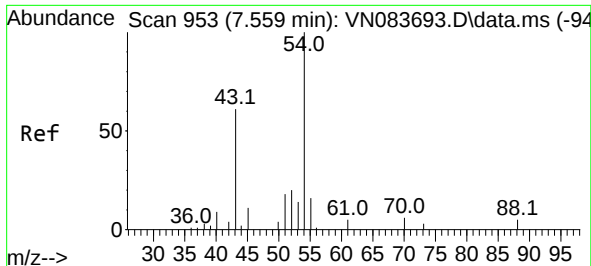
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#42
Vinyl Acetate
Concen: 96.567 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

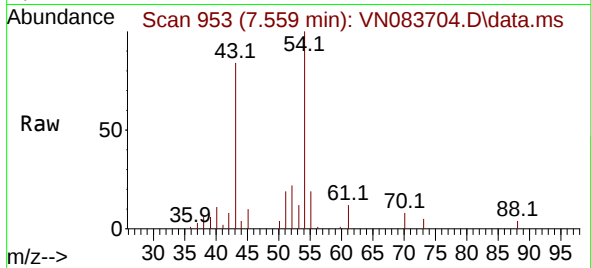
Tgt Ion: 43 Resp: 476700
Ion Ratio Lower Upper
43 100
86 10.6 9.4 14.2





#43
Ethyl Acetate
Concen: 20.785 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

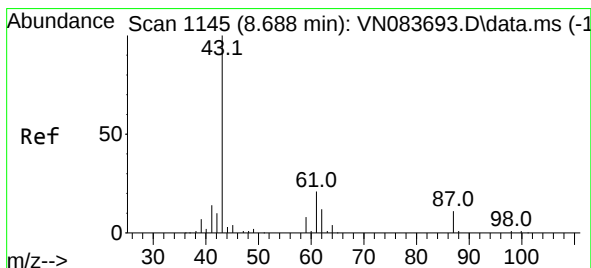
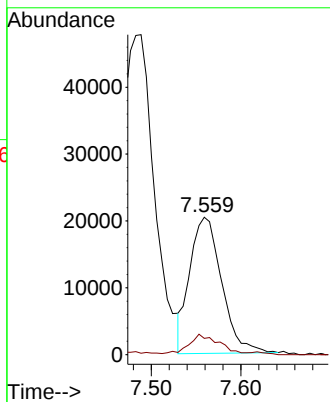
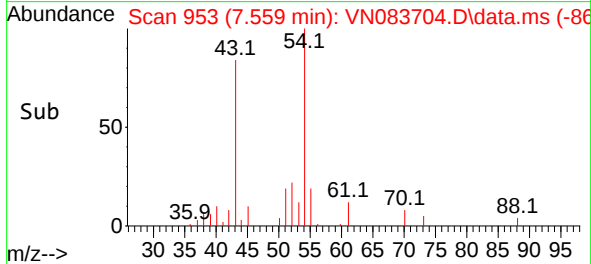
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



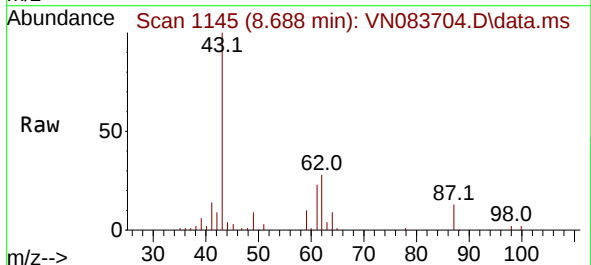
Tgt Ion: 43 Resp: 50230
Ion Ratio Lower Upper
43 100
45 13.5 10.6 15.8

Manual Integrations
APPROVED

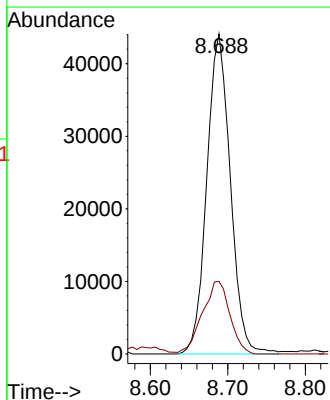
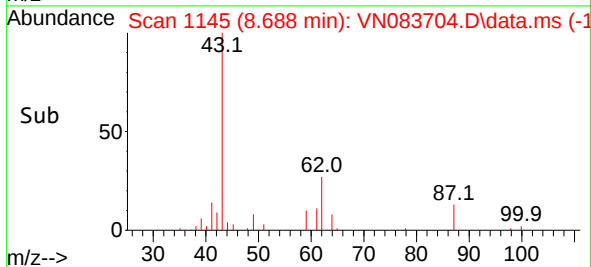
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024

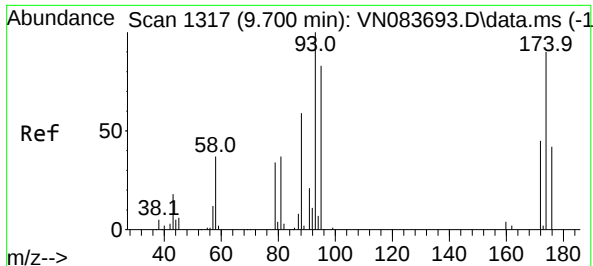


#44
Isopropyl Acetate
Concen: 22.290 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24



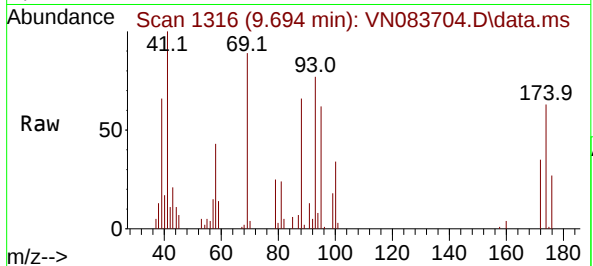
Tgt Ion: 43 Resp: 93167
Ion Ratio Lower Upper
43 100
61 26.4 25.0 37.4





#45
1,4-Dioxane
Concen: 431.856 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

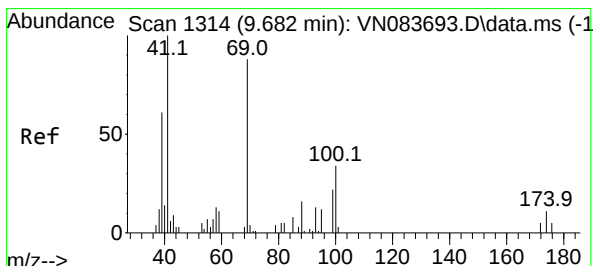
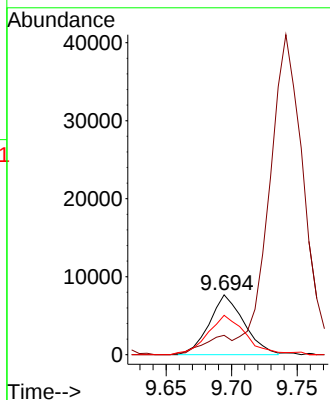
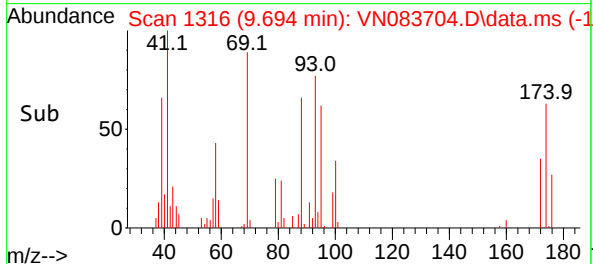
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



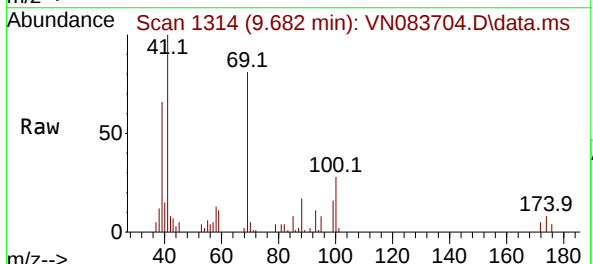
Tgt Ion: 88 Resp: 14079
Ion Ratio Lower Upper
88 100
43 26.8 19.8 29.6
58 71.8 55.4 83.0

Manual Integrations
APPROVED

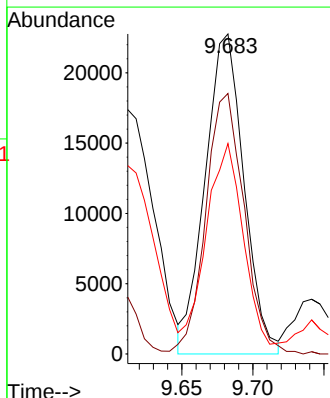
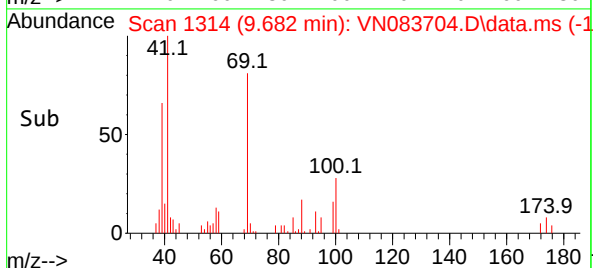
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024

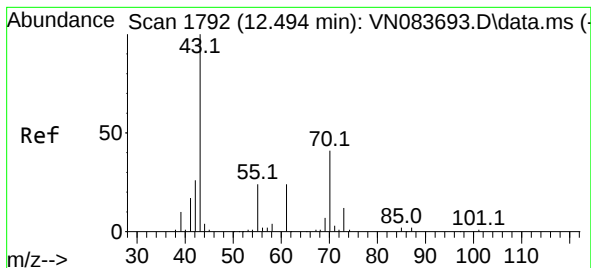


#46
Methyl methacrylate
Concen: 21.382 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24



Tgt Ion: 41 Resp: 43258
Ion Ratio Lower Upper
41 100
69 82.0 51.1 153.3
39 64.9 25.8 77.3





#47

n-amy1 Acetate

Concen: 22.077 ug/l

RT: 12.494 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 8174

Ion Ratio Lower Upper

43 100

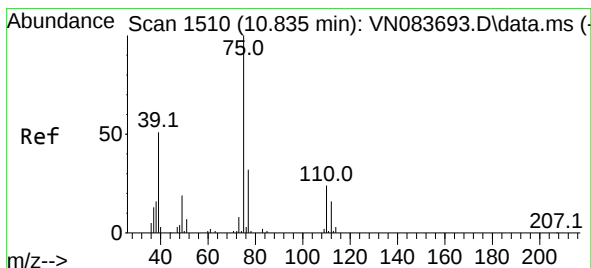
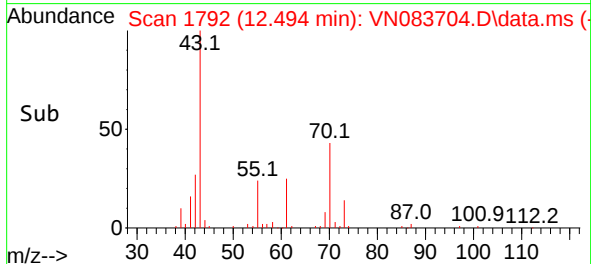
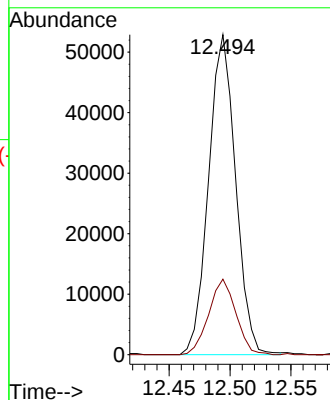
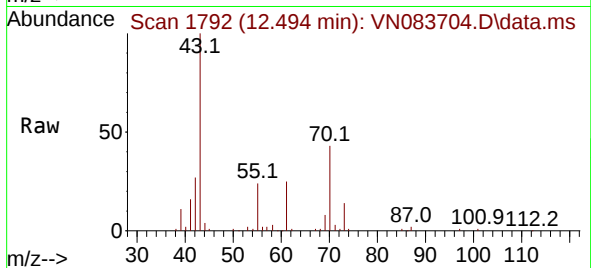
55 23.7 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Semsettin Yesilyurt 09/09/2024



#48

t-1,3-Dichloropropene

Concen: 19.420 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN083704.D

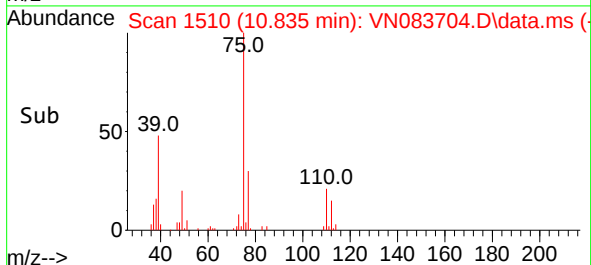
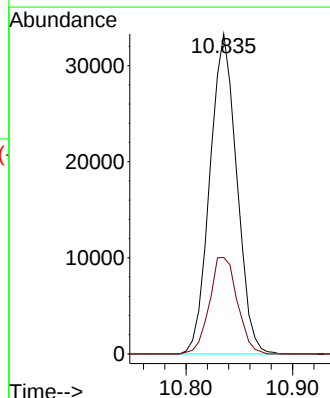
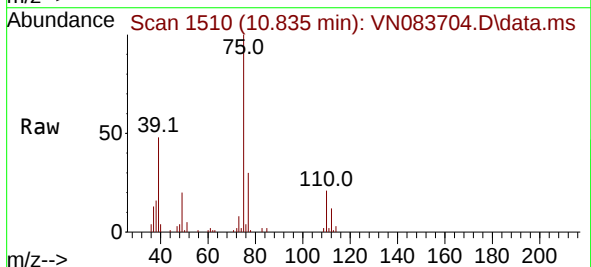
Acq: 06 Sep 2024 18:24

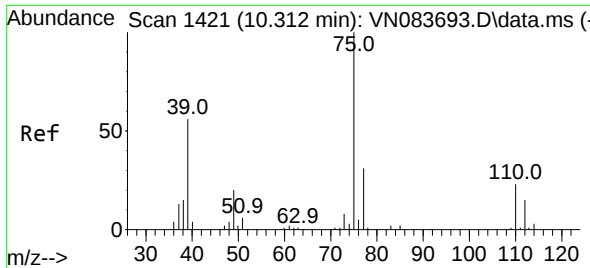
Tgt Ion: 75 Resp: 58420

Ion Ratio Lower Upper

75 100

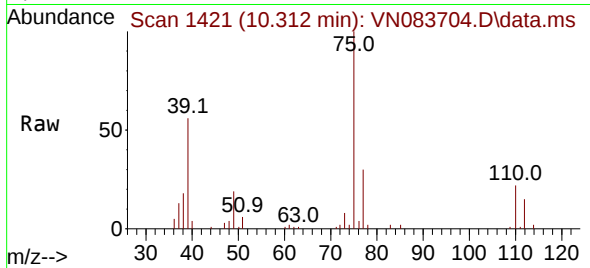
77 30.2 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.966 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

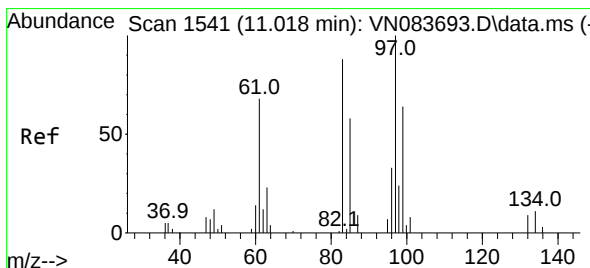
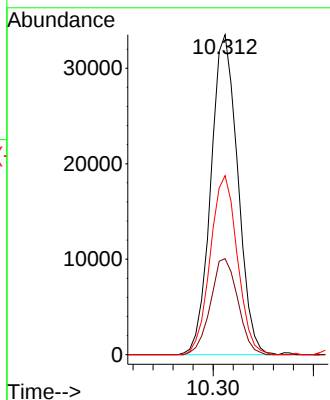
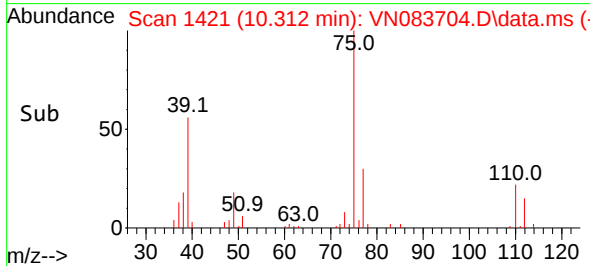
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 62462
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.9 37.3
 39 55.9 31.0 46.6

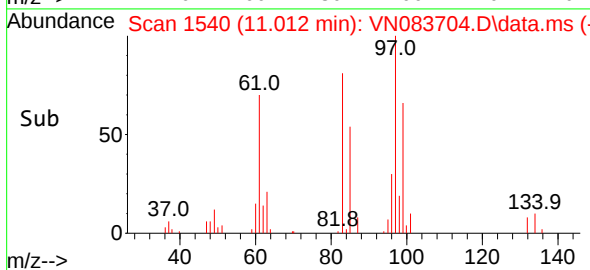
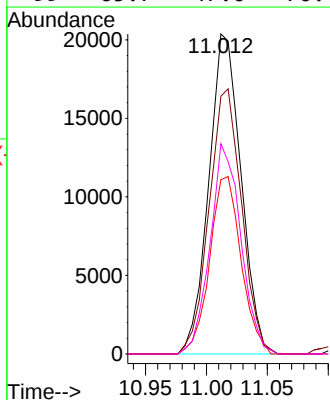
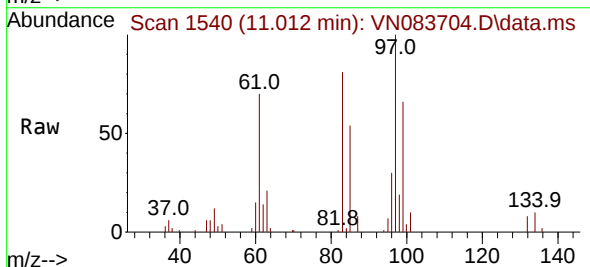
Manual Integrations
 APPROVED

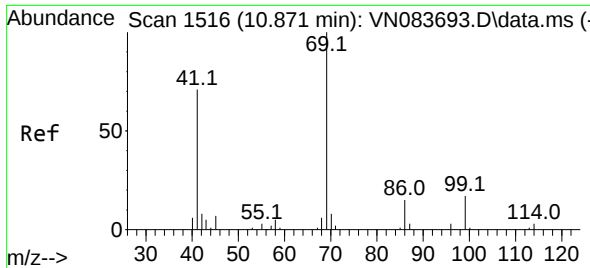
Reviewed By :John Carlone 09/09/2024
 Supervised By :Semsettin Yesilyurt 09/09/2024



#50
 1,1,2-Trichloroethane
 Concen: 21.908 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.006 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

Tgt Ion: 97 Resp: 37492
 Ion Ratio Lower Upper
 97 100
 83 80.6 68.1 102.1
 85 54.5 41.8 62.6
 99 65.7 47.0 70.4





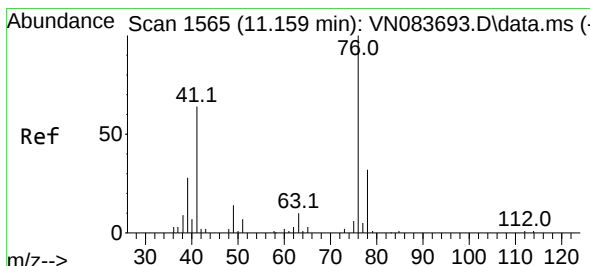
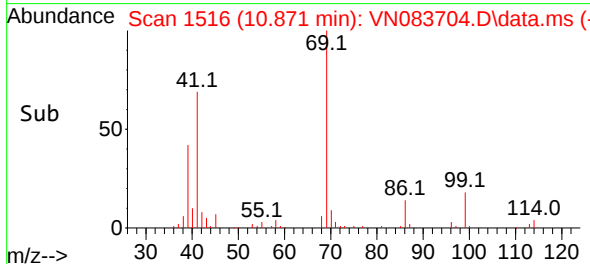
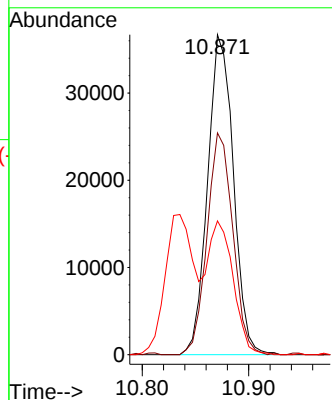
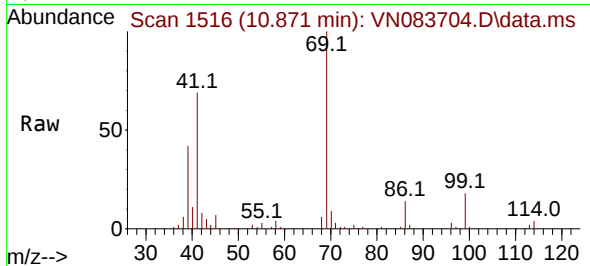
#51
Ethyl methacrylate
Concen: 21.097 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 6168
Ion Ratio Lower Upper
69 100
41 69.3 25.5 76.5
39 41.8 16.0 47.9

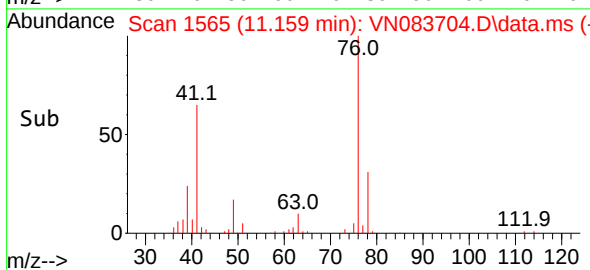
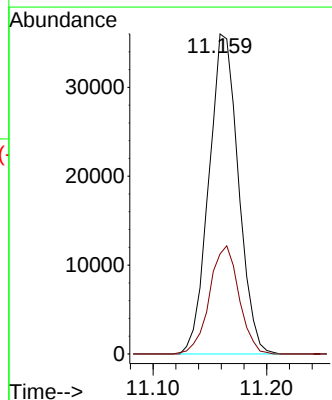
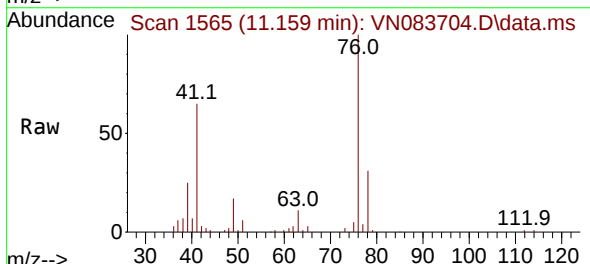
Manual Integrations
APPROVED

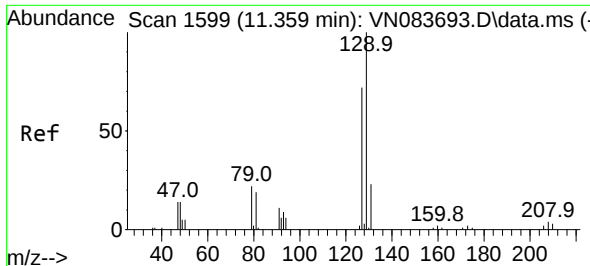
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#52
1,3-Dichloropropane
Concen: 21.063 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

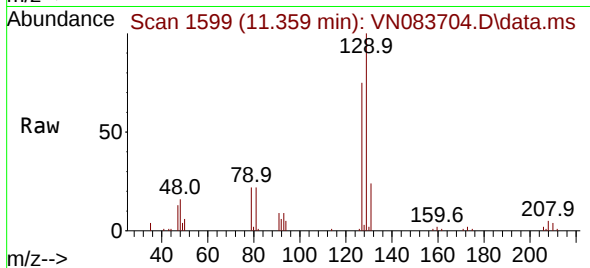
Tgt Ion: 76 Resp: 65095
Ion Ratio Lower Upper
76 100
78 33.7 0.0 65.8





#53
Dibromochloromethane
Concen: 20.109 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

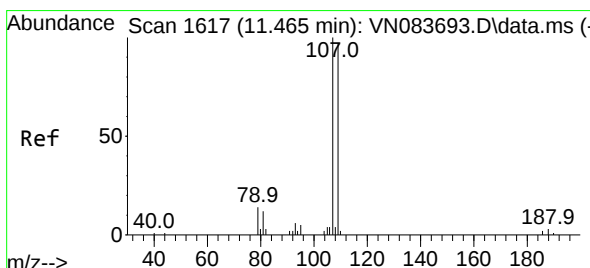
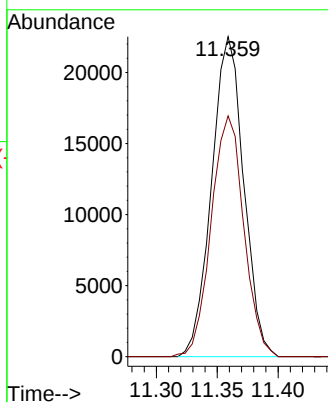
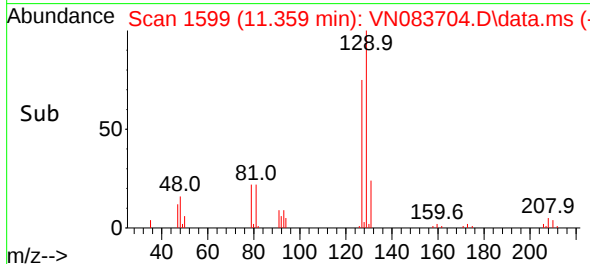
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



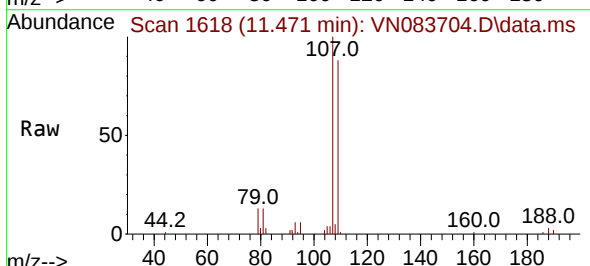
Tgt Ion:129 Resp: 41275
Ion Ratio Lower Upper
129 100
127 76.3 39.4 118.1

Manual Integrations
APPROVED

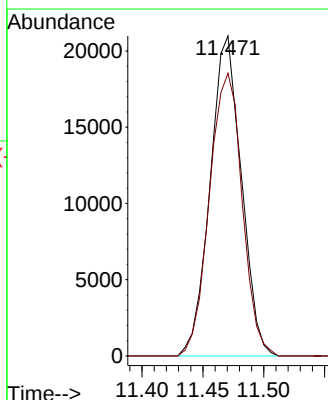
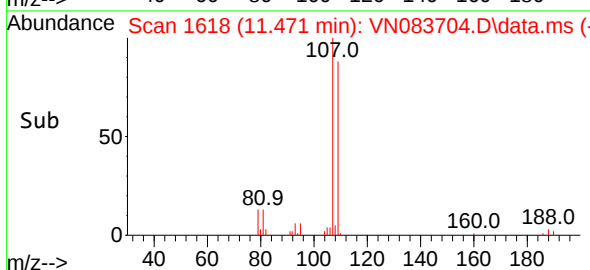
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024

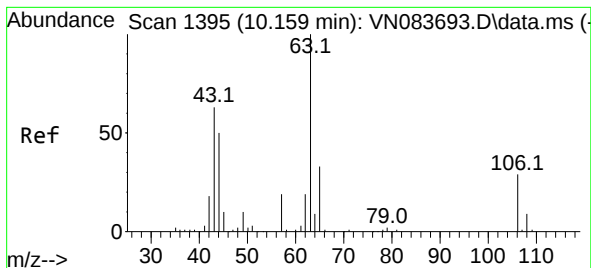


#54
1,2-Dibromoethane
Concen: 21.169 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24



Tgt Ion:107 Resp: 37477
Ion Ratio Lower Upper
107 100
109 92.5 74.7 112.1





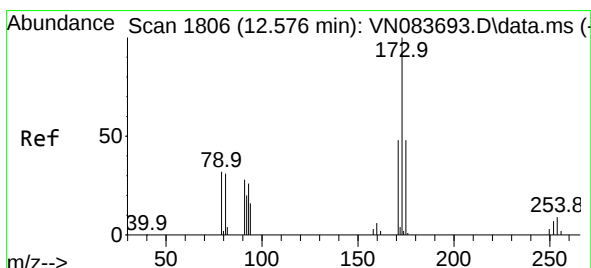
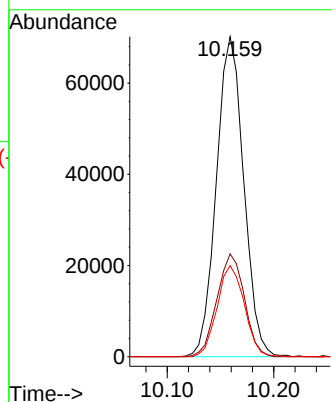
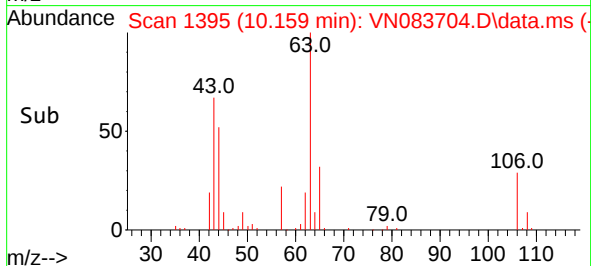
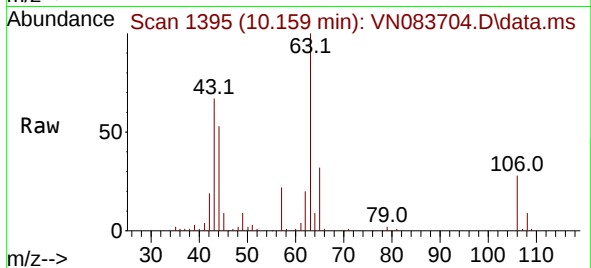
#55
2-Chloroethyl vinyl ether
Concen: 107.377 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 12511
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.2
106 28.2 23.8 35.8

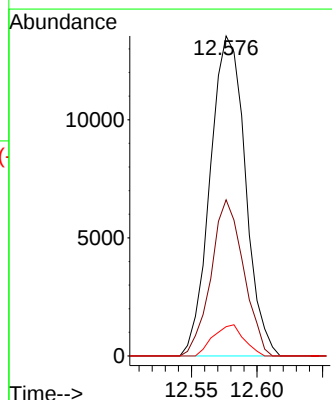
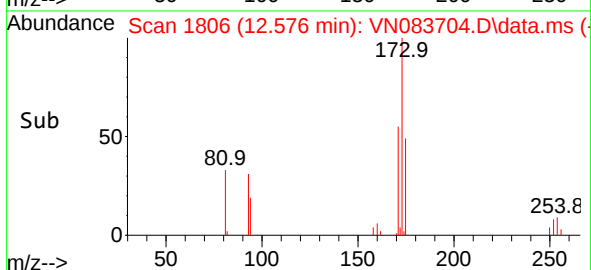
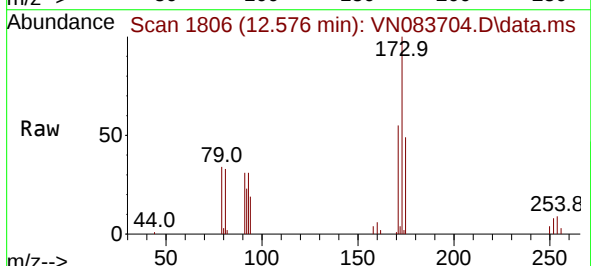
Manual Integrations
APPROVED

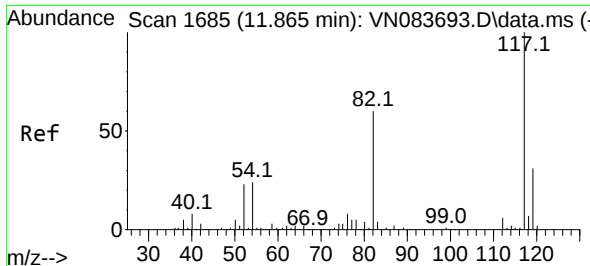
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#56
Bromoform
Concen: 19.366 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

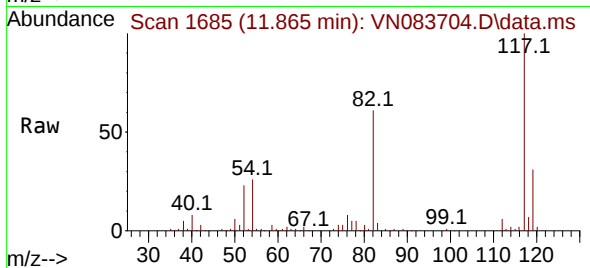
Tgt Ion:173 Resp: 25254
Ion Ratio Lower Upper
173 100
175 45.2 40.0 60.0
254 8.5 8.3 12.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

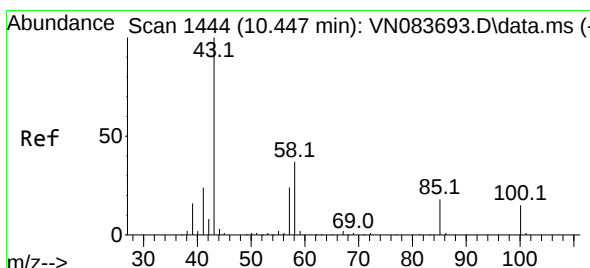
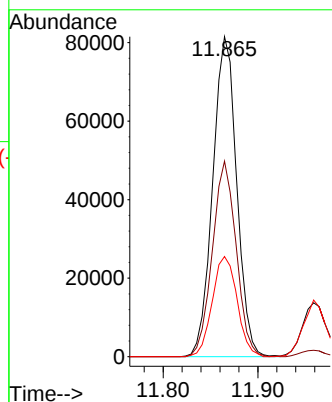
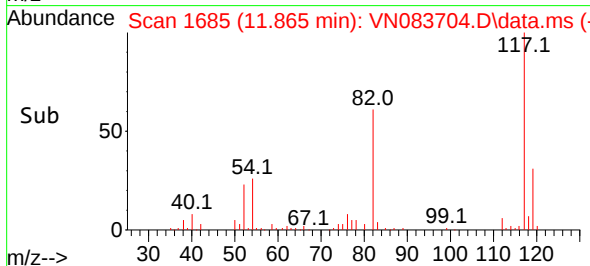
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



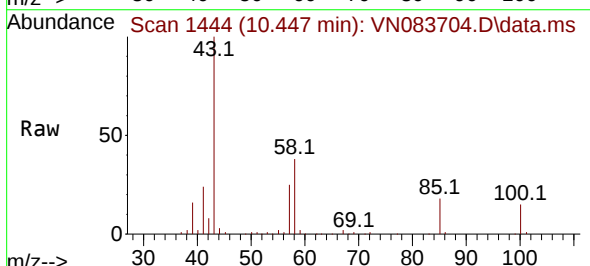
Tgt Ion: 117 Resp: 14324
Ion Ratio Lower Upper
117 100
82 60.6 46.6 69.8
119 32.5 25.4 38.2

Manual Integrations
APPROVED

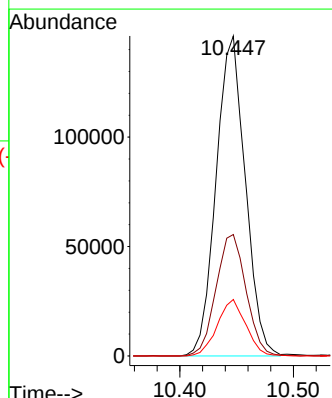
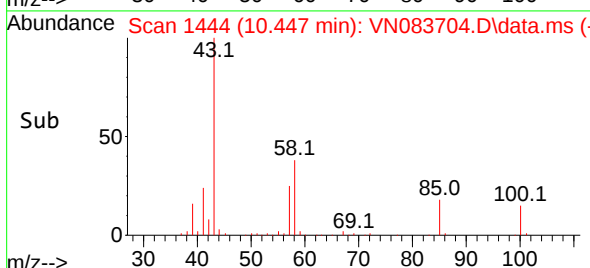
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024

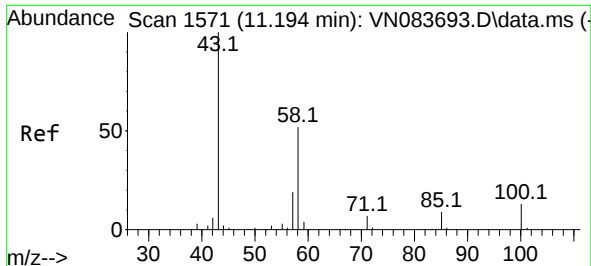


#58
4-Methyl-2-Pentanone
Concen: 114.896 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24



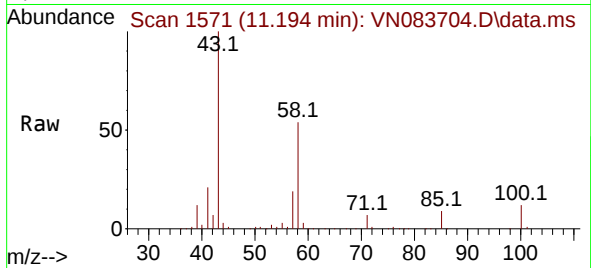
Tgt Ion: 43 Resp: 260961
Ion Ratio Lower Upper
43 100
58 39.0 36.5 54.7
85 17.3 19.5 29.3#





#59
2-Hexanone
Concen: 111.506 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

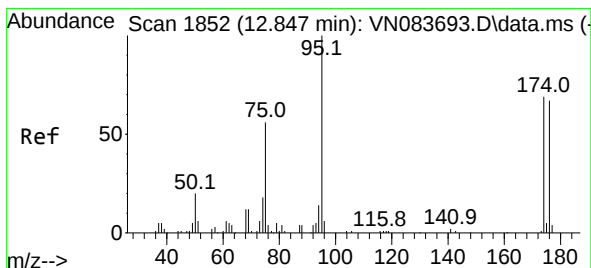
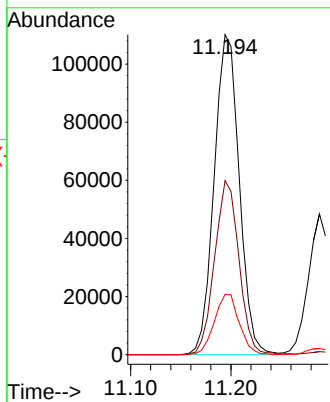
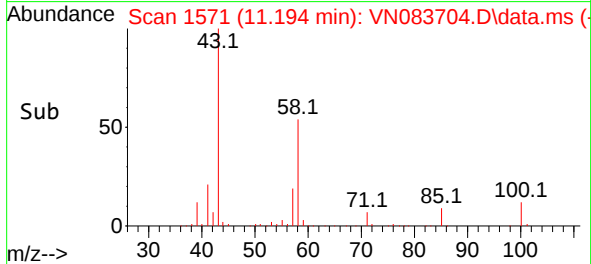
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 191368
Ion Ratio Lower Upper
43 100
58 52.8 50.4 75.6
57 18.7 18.6 27.8

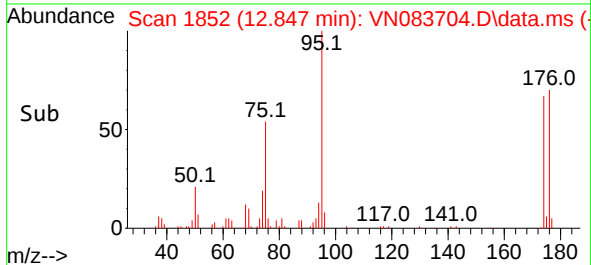
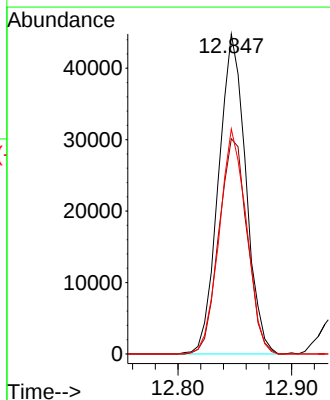
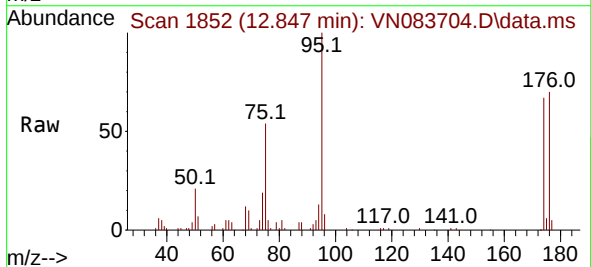
Manual Integrations
APPROVED

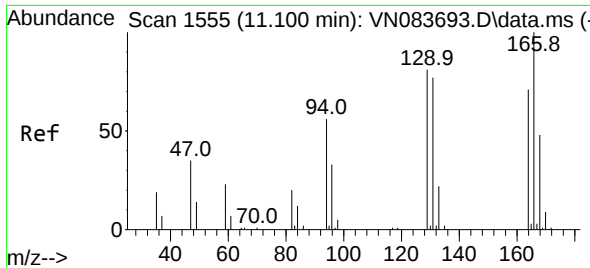
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#60
4-Bromofluorobenzene
Concen: 30.229 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 95 Resp: 74629
Ion Ratio Lower Upper
95 100
174 69.9 60.5 90.7
176 70.2 57.8 86.6





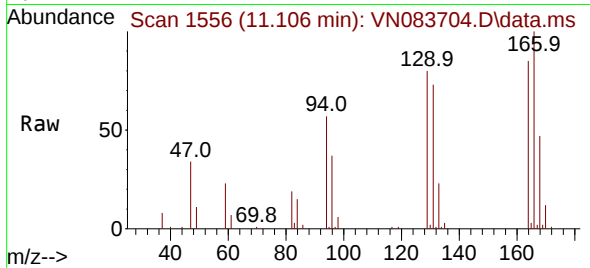
#61
Tetrachloroethene
Concen: 20.338 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



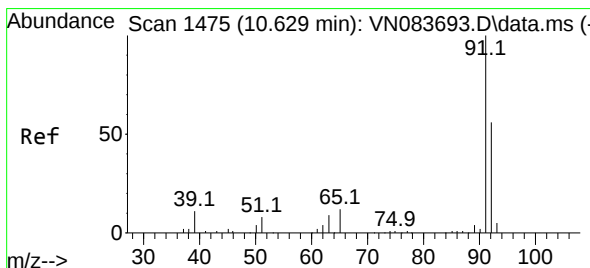
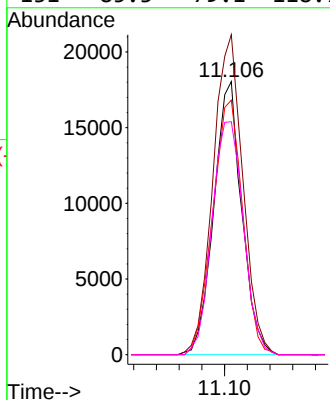
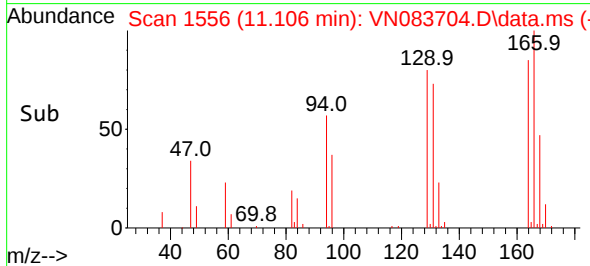
Tgt Ion:164 Resp: 3083
Ion Ratio Lower Upper
164 100
166 117.2 106.7 160.1
129 93.2 85.8 128.6
131 85.3 79.1 118.7

Manual Integrations

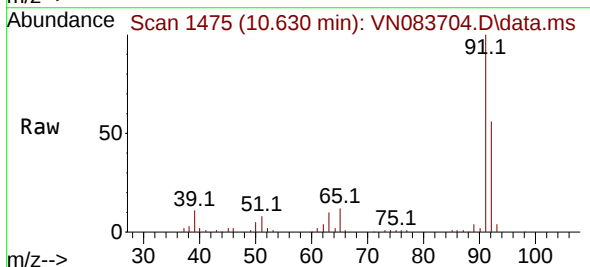
APPROVED

Reviewed By :John Carlone 09/09/2024

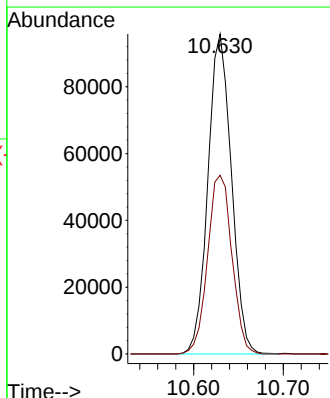
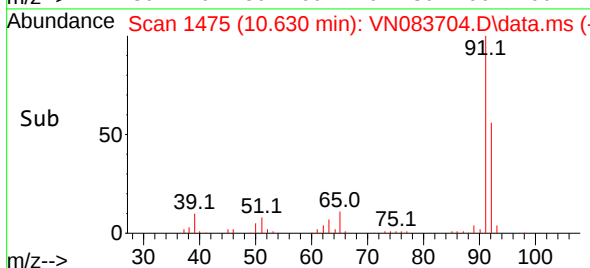
Supervised By :Semsettin Yesilyurt 09/09/2024

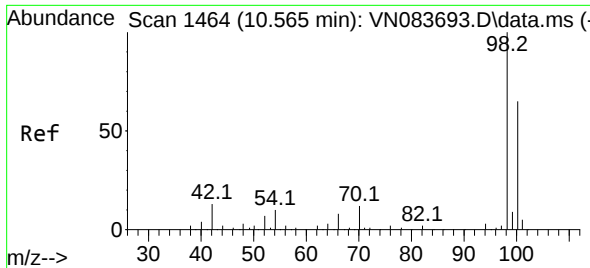


#62
Toluene
Concen: 21.176 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24



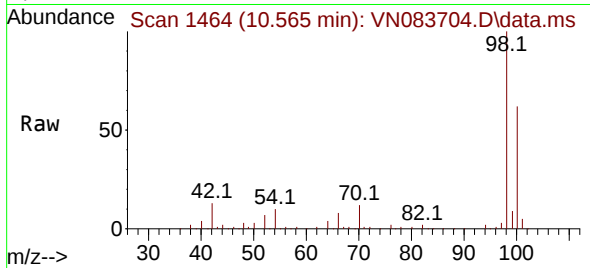
Tgt Ion: 91 Resp: 174351
Ion Ratio Lower Upper
91 100
92 57.8 46.5 69.7





#63
Toluene-d8
Concen: 30.342 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

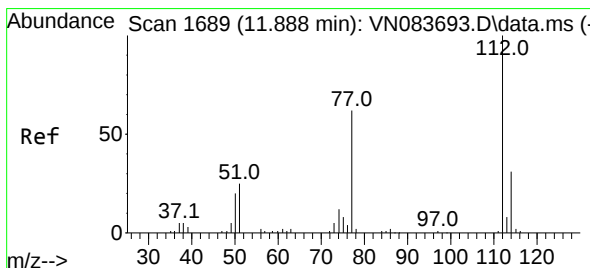
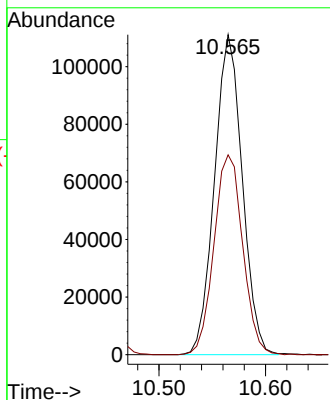
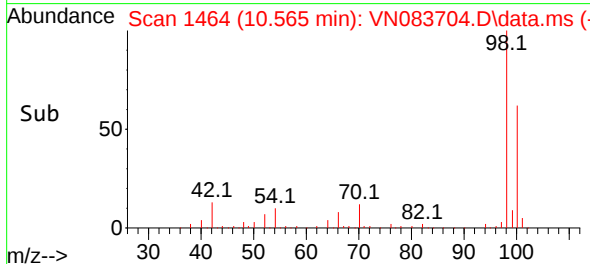
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



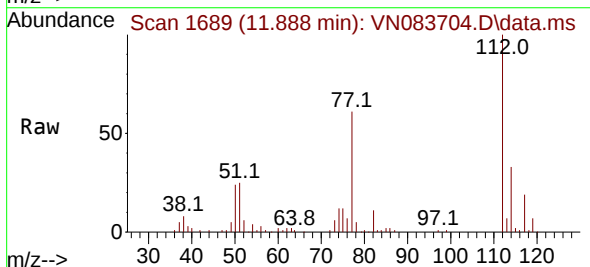
Tgt Ion: 98 Resp: 201249
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1

Manual Integrations
APPROVED

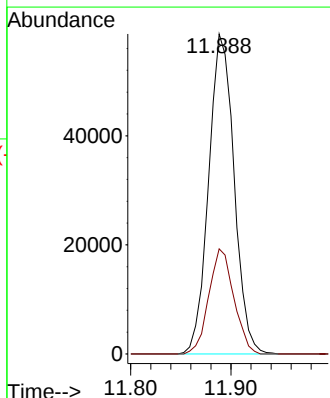
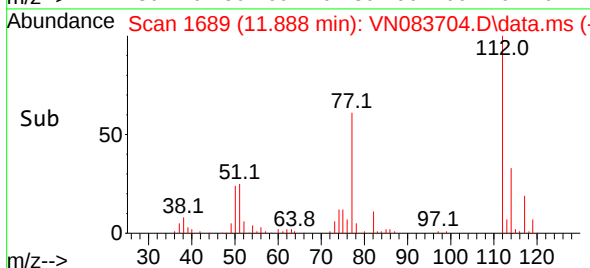
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024

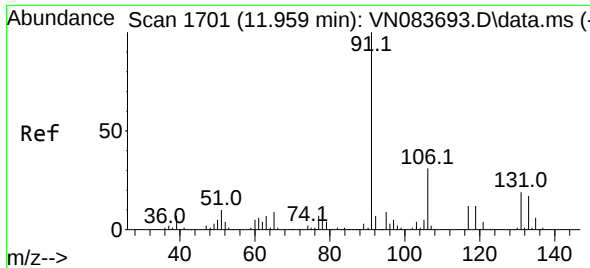


#64
Chlorobenzene
Concen: 20.287 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24



Tgt Ion:112 Resp: 103414
Ion Ratio Lower Upper
112 100
114 32.9 26.6 39.8





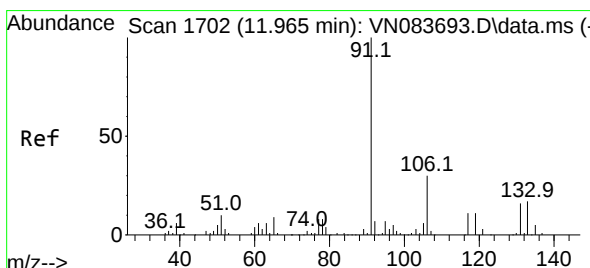
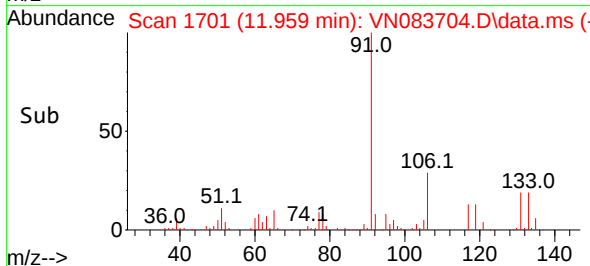
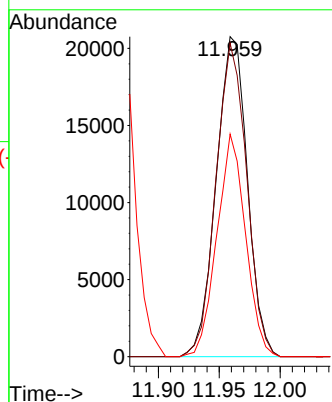
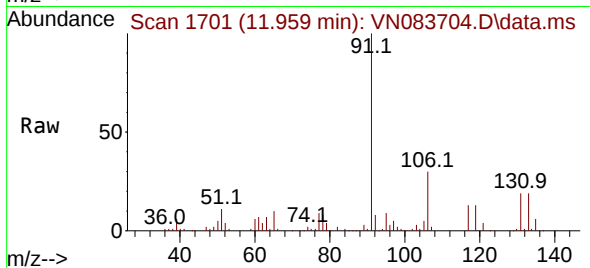
#65
1,1,1,2-Tetrachloroethane
Concen: 20.908 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 37128
Ion Ratio Lower Upper
131 100
133 96.3 0.0 188.0
119 63.8 0.0 122.8

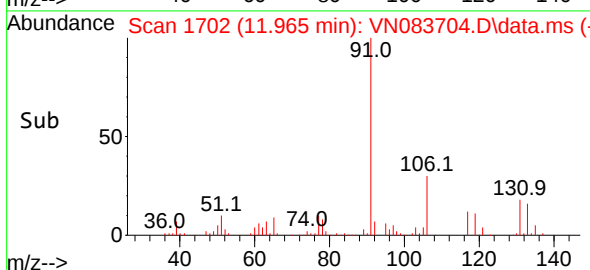
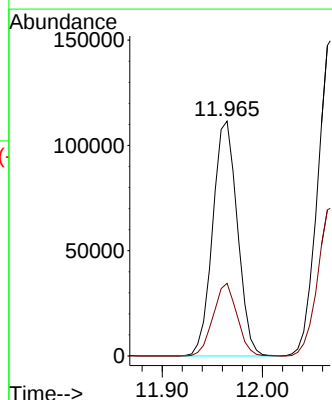
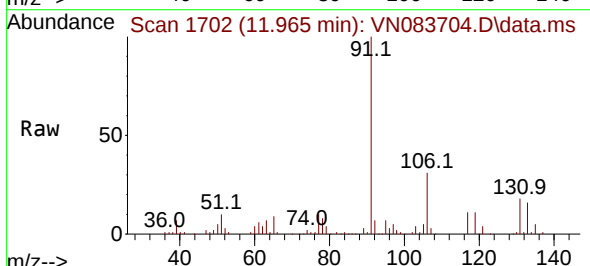
Manual Integrations
APPROVED

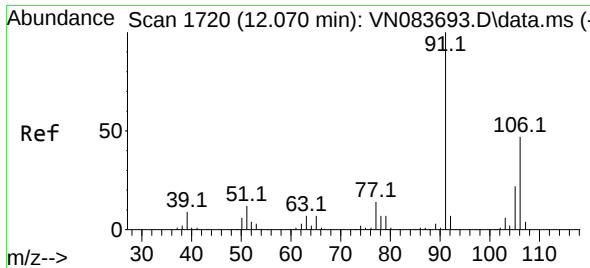
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#66
Ethyl Benzene
Concen: 20.387 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 91 Resp: 190886
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6





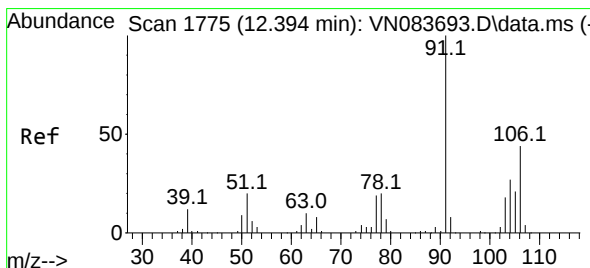
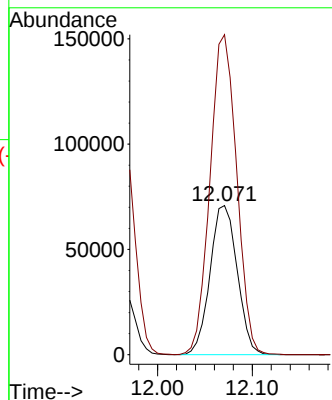
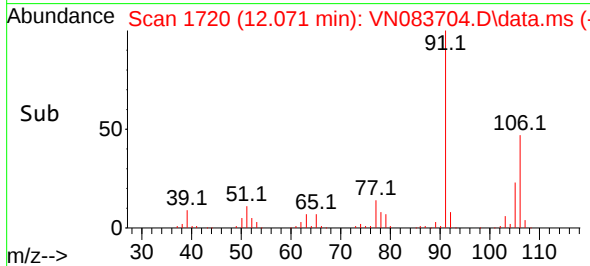
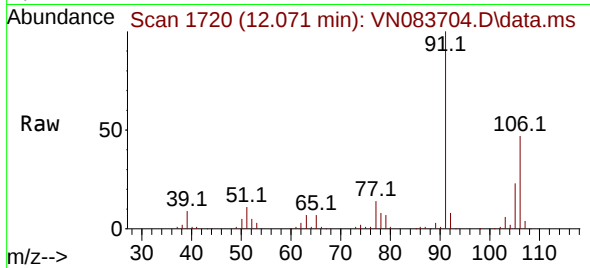
#67
m/p-Xylenes
Concen: 40.963 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 141104
Ion Ratio Lower Upper
106 100
91 210.9 166.6 249.8

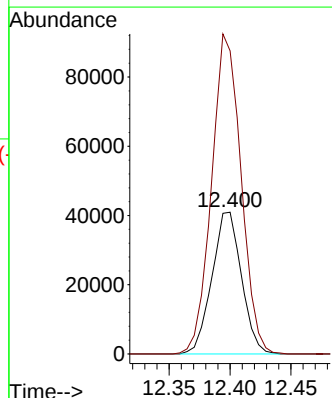
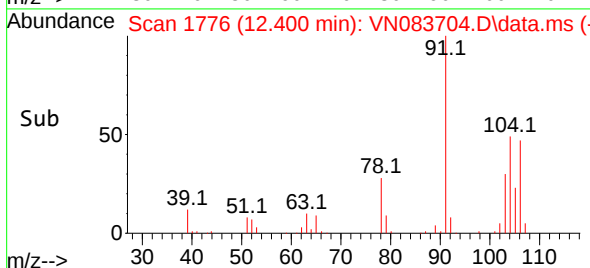
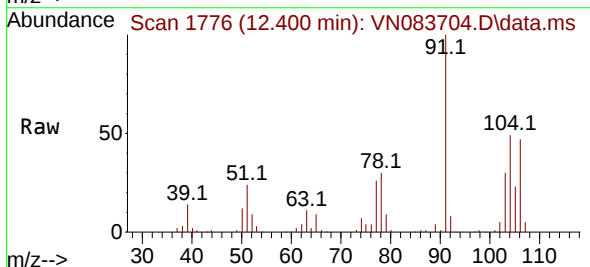
Manual Integrations
APPROVED

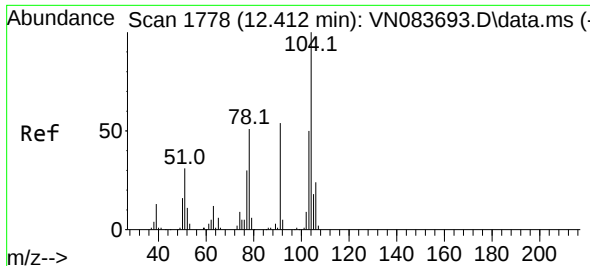
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#68
o-Xylene
Concen: 20.733 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

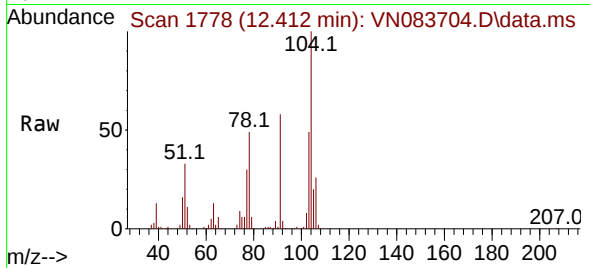
Tgt Ion:106 Resp: 69120
Ion Ratio Lower Upper
106 100
91 225.1 110.0 330.0





#69
Styrene
Concen: 20.215 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

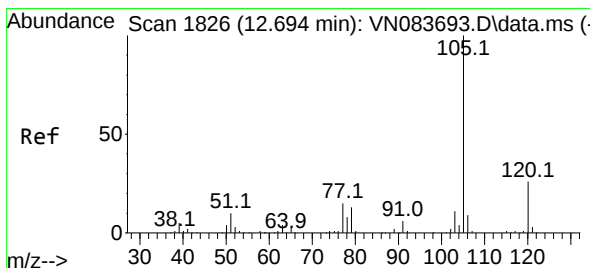
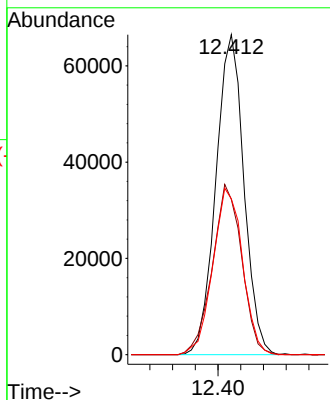
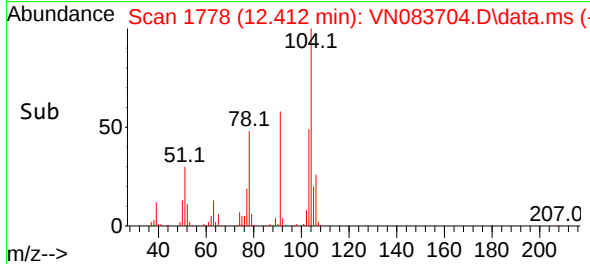
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



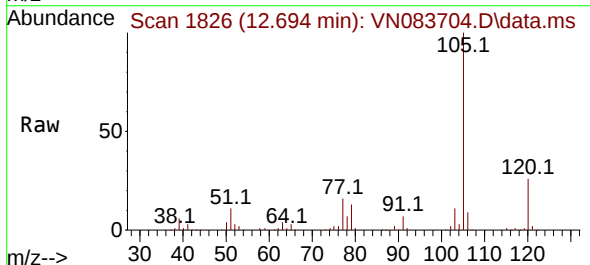
Tgt Ion:104 Resp: 113872
Ion Ratio Lower Upper
104 100
78 55.6 42.6 64.0
103 55.1 43.7 65.5

Manual Integrations
APPROVED

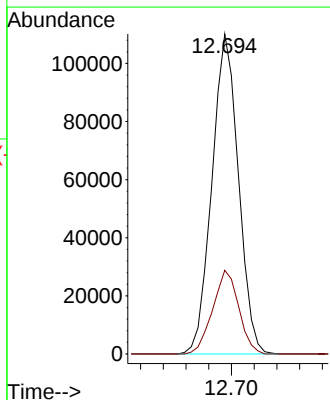
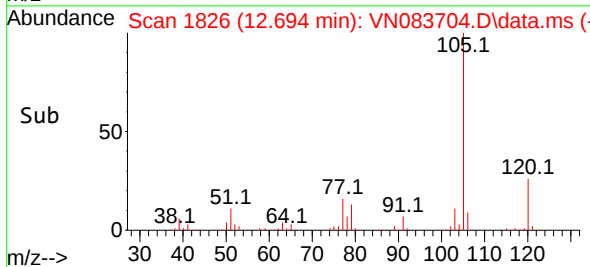
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024

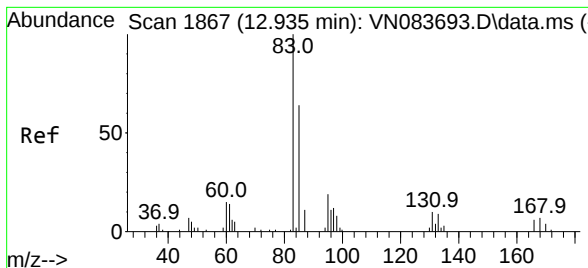


#70
Isopropylbenzene
Concen: 20.249 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24



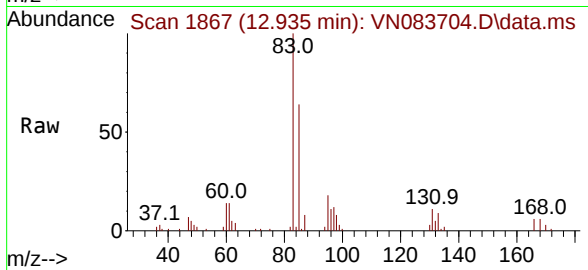
Tgt Ion:105 Resp: 178147
Ion Ratio Lower Upper
105 100
120 25.7 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 22.129 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

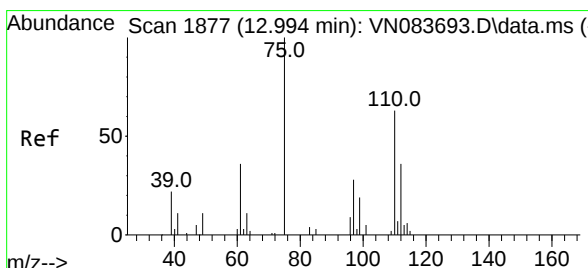
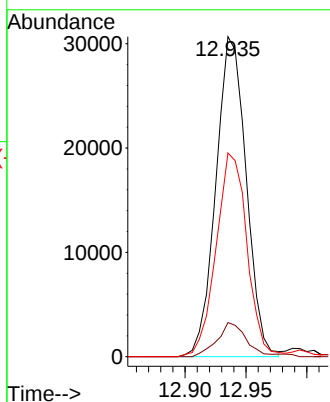
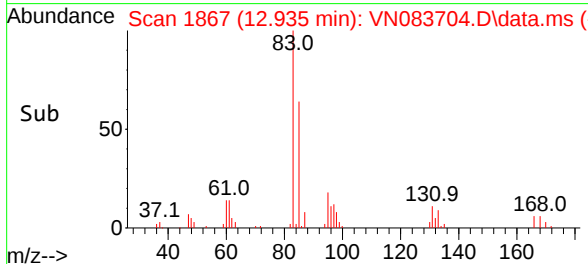
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 5317
Ion Ratio Lower Upper
83 100
131 10.1 5.2 15.6
85 64.9 32.3 96.8

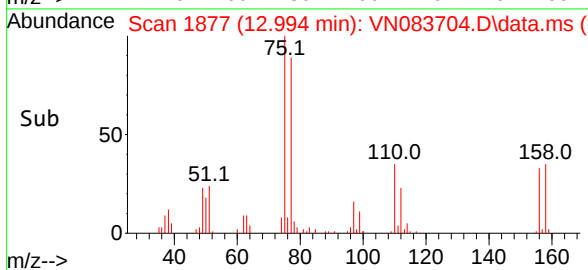
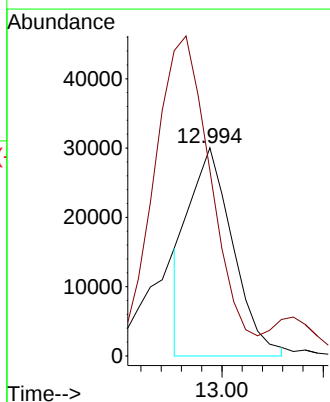
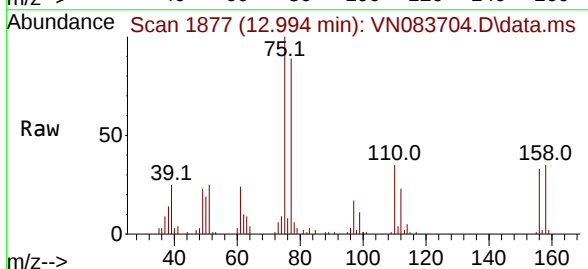
Manual Integrations
APPROVED

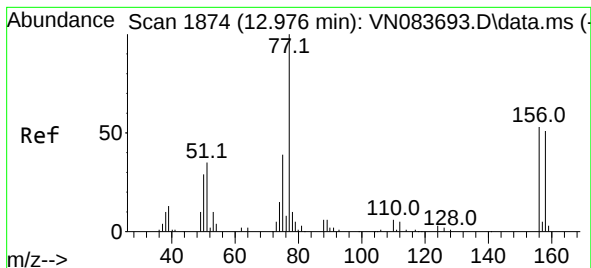
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#72
1,2,3-Trichloropropane
Concen: 21.653 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 75 Resp: 45619
Ion Ratio Lower Upper
75 100
77 200.6 0.0 367.6





#73

Bromobenzene

Concen: 20.237 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

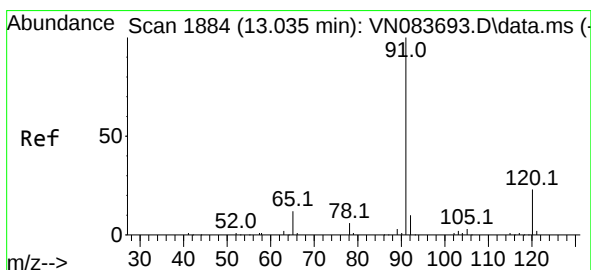
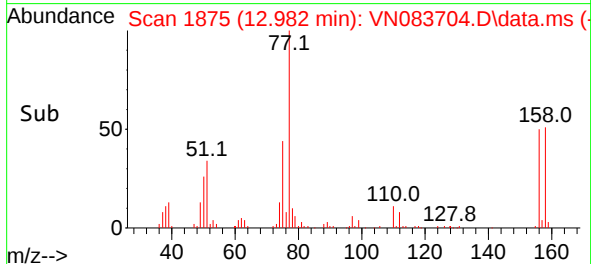
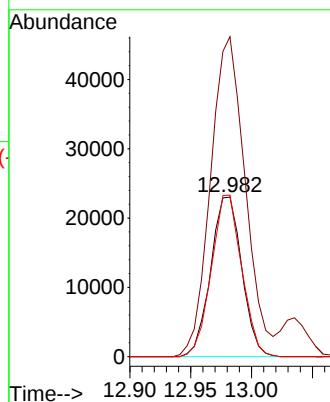
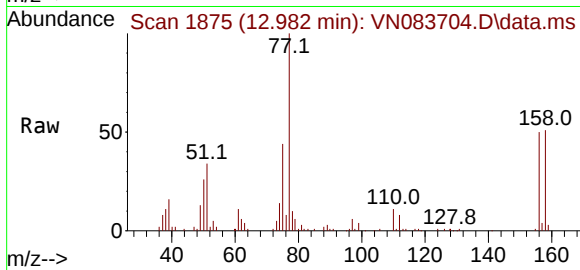
Tgt Ion:	156	Resp:	40890
Ion Ratio	Lower	Upper	
156	100		
77	223.8	0.0	437.6
158	98.8	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Semsettin Yesilyurt 09/09/2024



#74

n-propylbenzene

Concen: 19.638 ug/l

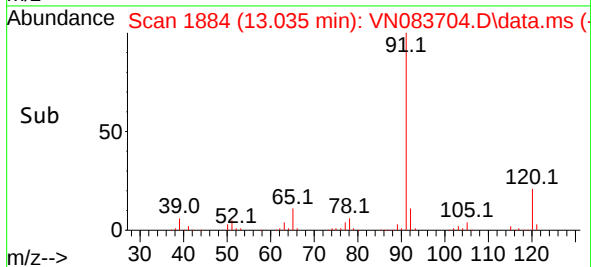
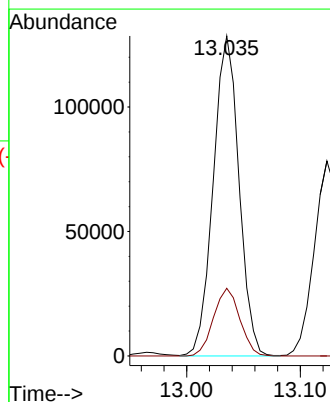
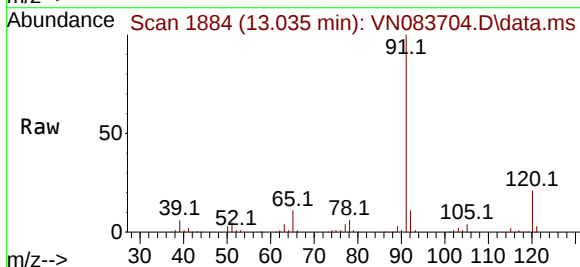
RT: 13.035 min Scan# 1884

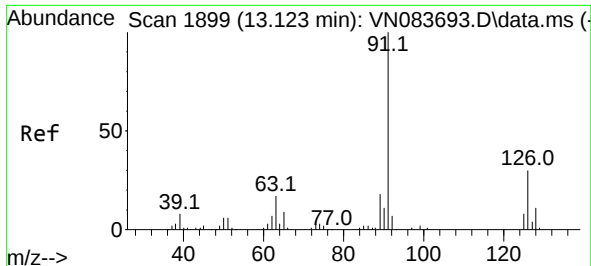
Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Tgt Ion:	91	Resp:	202253
Ion Ratio	Lower	Upper	
91	100		
120	21.5	0.0	43.8





#75
2-Chlorotoluene
Concen: 20.321 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

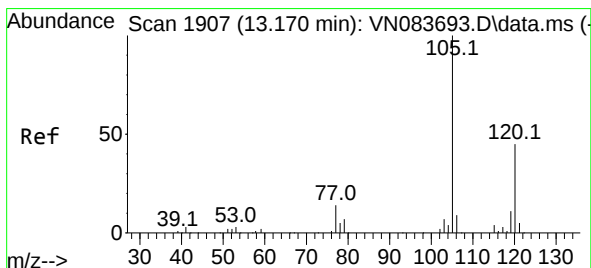
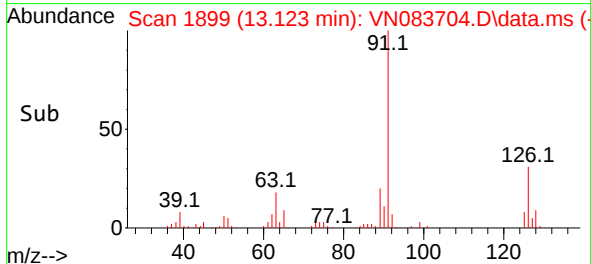
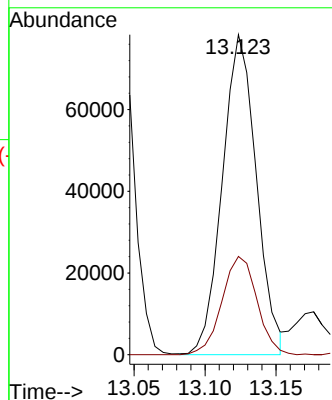
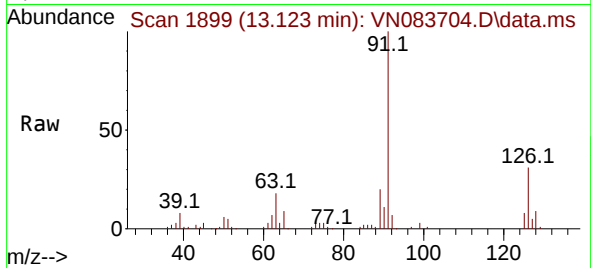
VSTDCCC020EC

Tgt Ion: 91 Resp: 13062
Ion Ratio Lower Upper
91 100
126 31.5 0.0 61.2

Manual Integrations

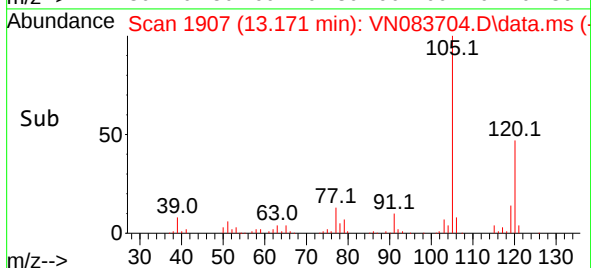
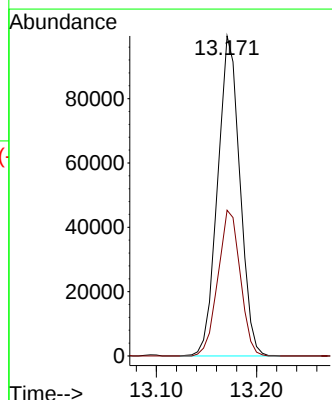
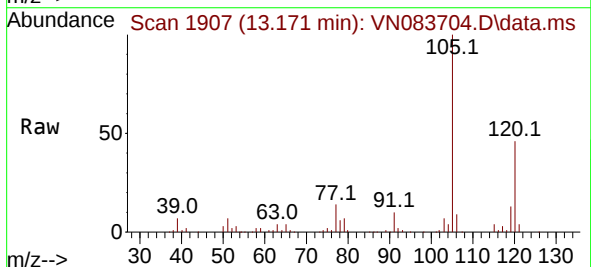
APPROVED

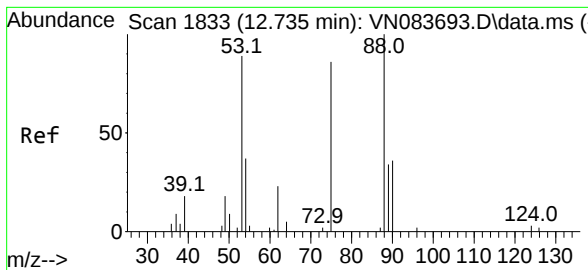
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.841 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

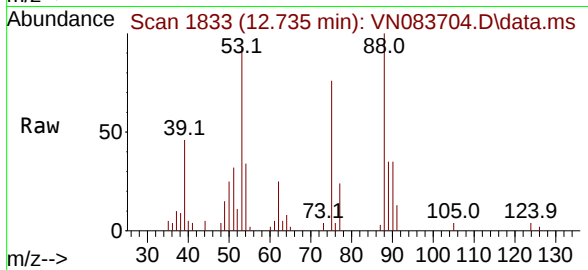
Tgt Ion:105 Resp: 153168
Ion Ratio Lower Upper
105 100
120 45.6 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 13.548 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

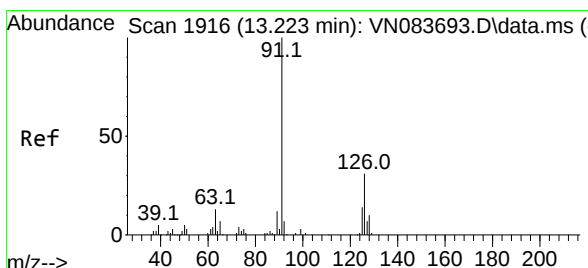
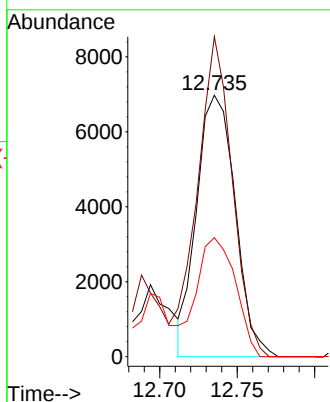
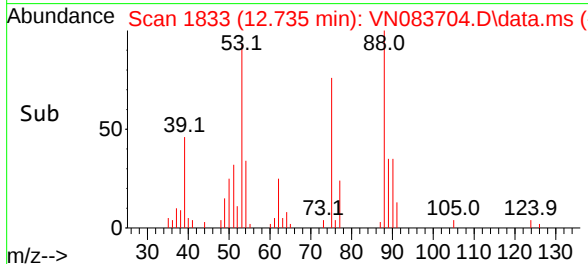
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 12065
Ion Ratio Lower Upper
75 100
53 122.4 45.9 137.7
89 45.5 25.9 77.7

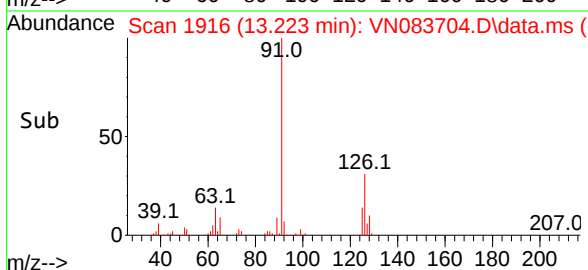
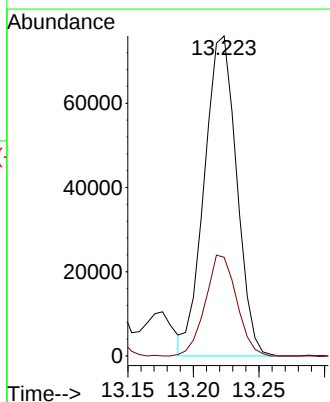
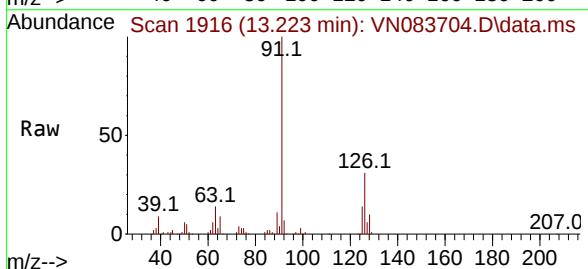
Manual Integrations
APPROVED

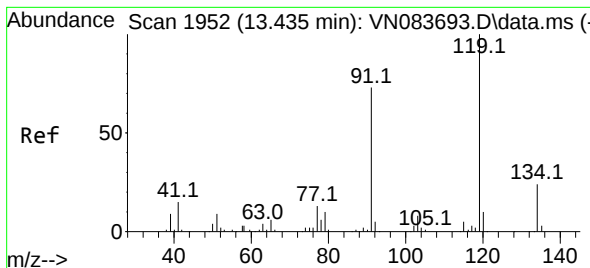
Reviewed By :John Carlone 09/09/2024
Supervised By :Semsettin Yesilyurt 09/09/2024



#78
4-Chlorotoluene
Concen: 19.983 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 91 Resp: 130265
Ion Ratio Lower Upper
91 100
126 30.5 0.0 62.8





#79

tert-butylbenzene

Concen: 21.143 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:119 Resp: 135874

Ion Ratio Lower Upper

119 100

91 70.9 0.0 138.8

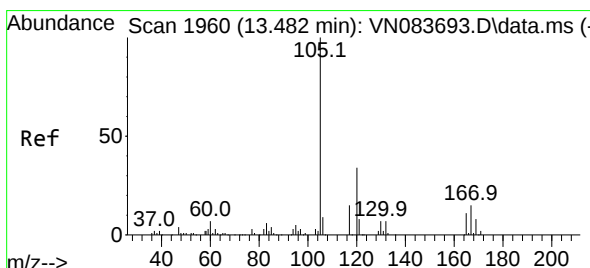
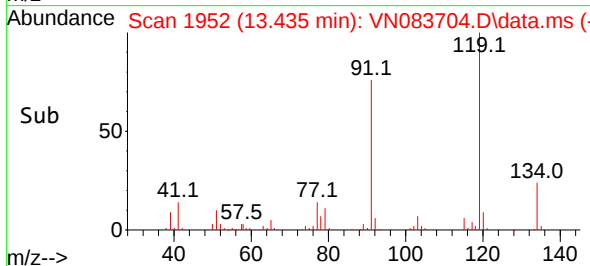
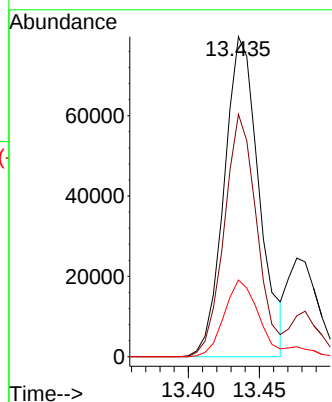
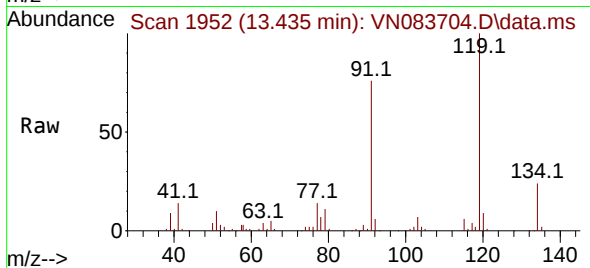
134 23.3 0.0 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Semsettin Yesilyurt 09/09/2024



#80

1,2,4-Trimethylbenzene

Concen: 20.735 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083704.D

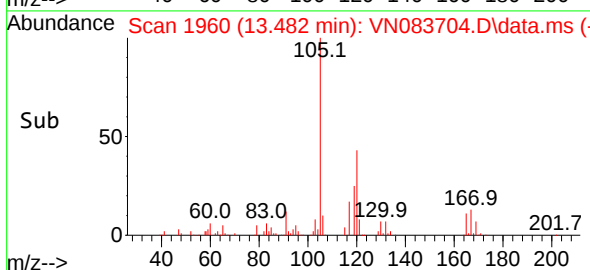
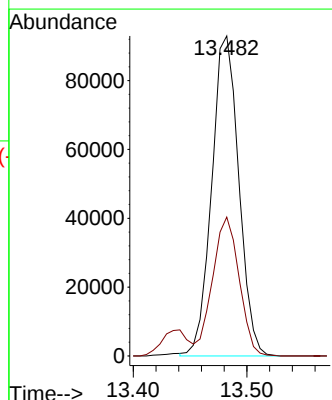
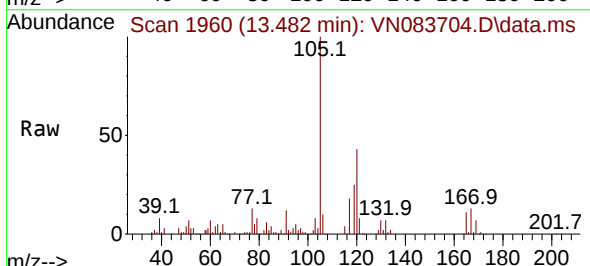
Acq: 06 Sep 2024 18:24

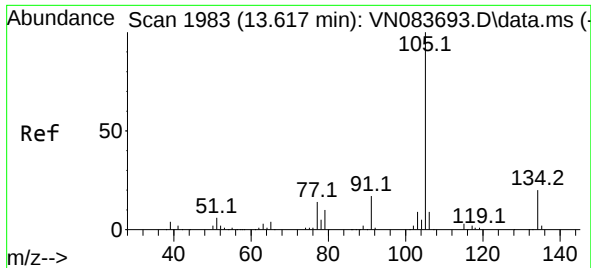
Tgt Ion:105 Resp: 153993

Ion Ratio Lower Upper

105 100

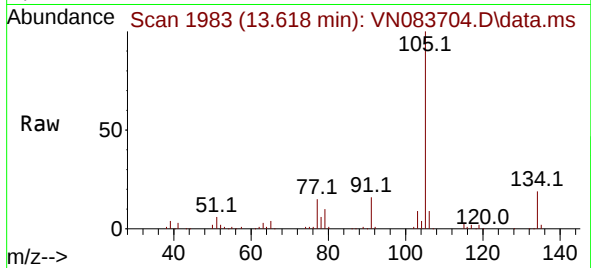
120 42.7 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 20.038 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

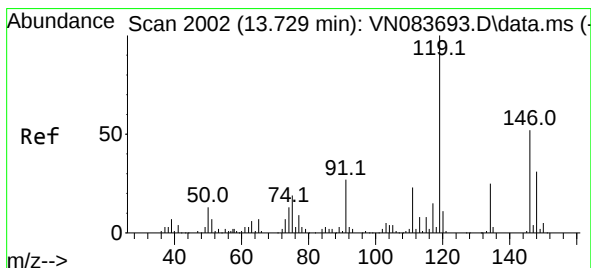
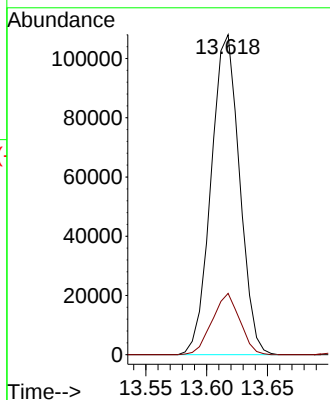
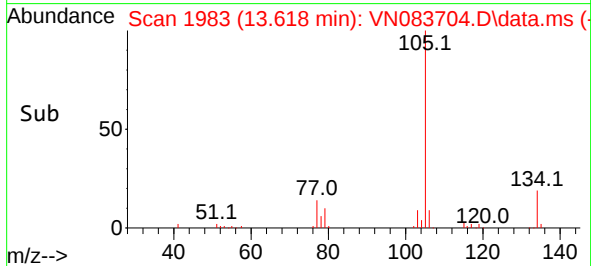
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



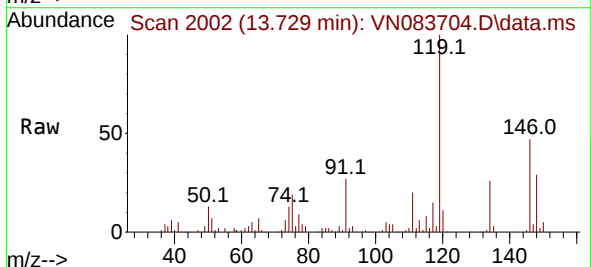
Tgt Ion:105 Resp: 175910
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 39.0

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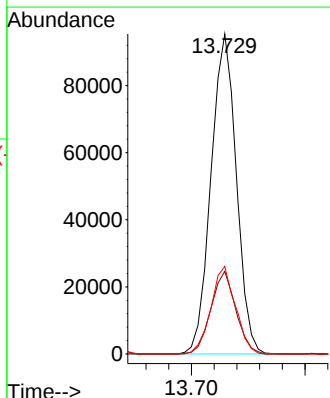
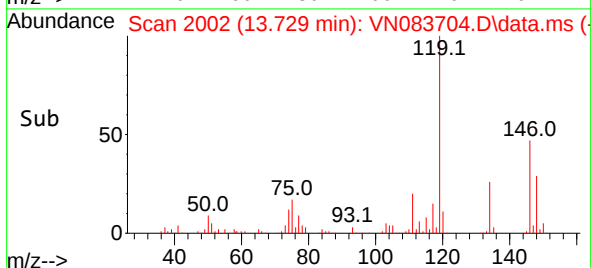
Reviewed By :John Carlone 09/09/2024
 Supervised By :Semsettin Yesilyurt 09/09/2024

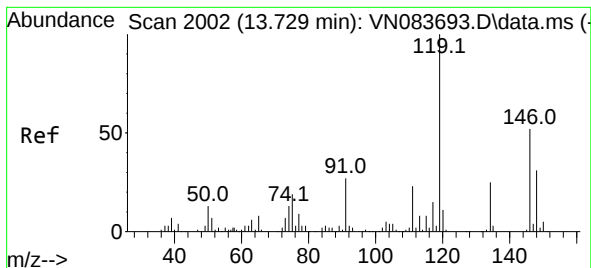


#82
 p-Isopropyltoluene
 Concen: 19.987 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24



Tgt Ion:119 Resp: 147634
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 49.2
 91 26.4 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 19.417 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:146 Resp: 7552

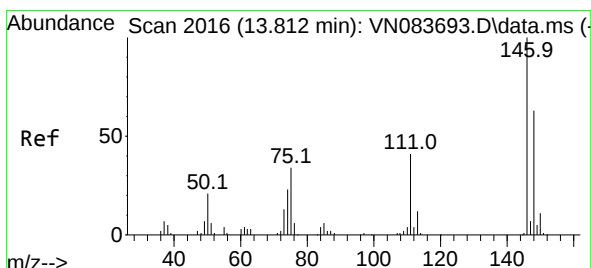
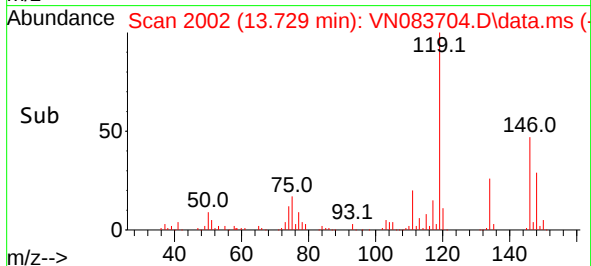
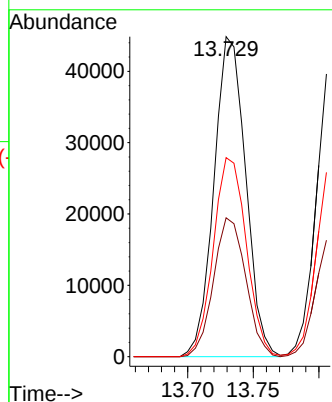
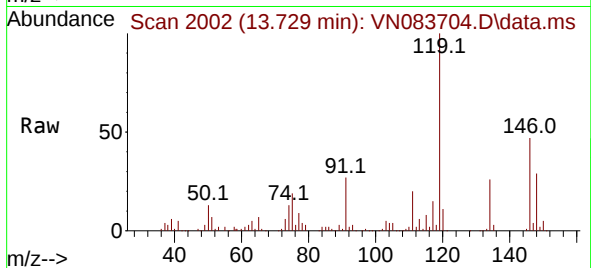
Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.4	67.0
148	64.7	32.1	96.5

Manual Integrations

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Reviewed By :John Carlone 09/09/2024

Supervised By :Semsettin Yesilyurt 09/09/2024



#84

1,4-Dichlorobenzene

Concen: 19.082 ug/l

RT: 13.812 min Scan# 2016

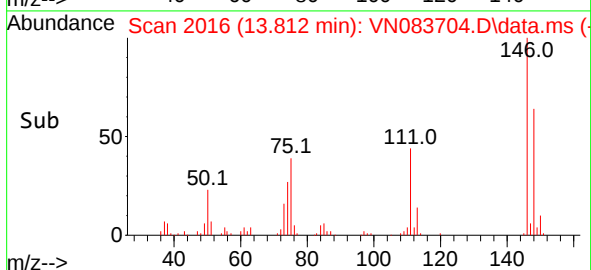
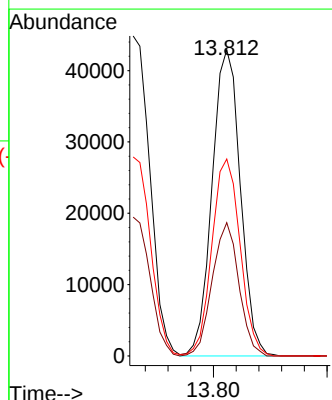
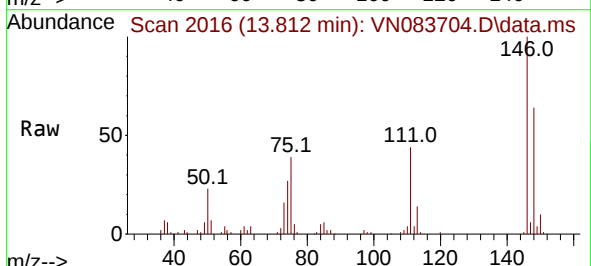
Delta R.T. 0.000 min

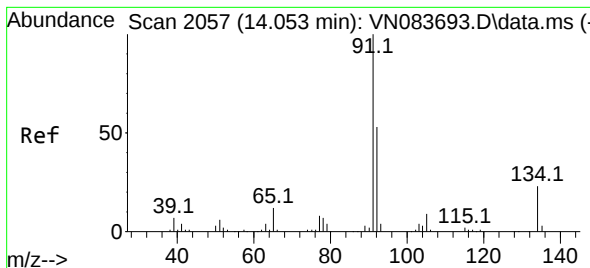
Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Tgt Ion:146 Resp: 74198

Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.3	63.9
148	64.2	31.9	95.5





#85

n-Butylbenzene

Concen: 18.769 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 122339

Ion Ratio Lower Upper

91 100

92 54.0 0.0 105.0

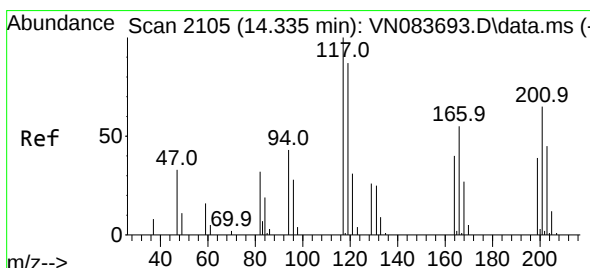
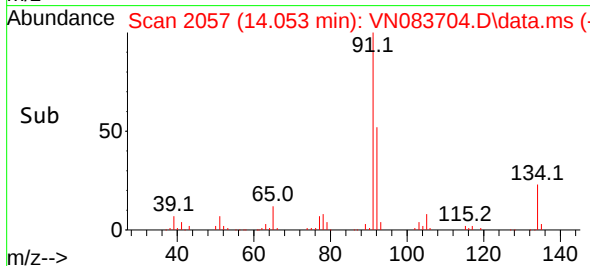
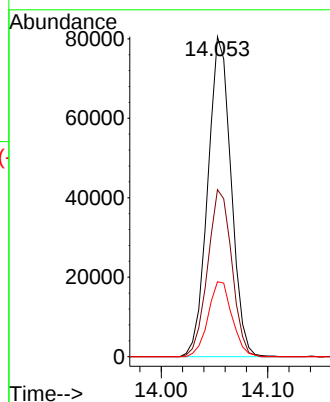
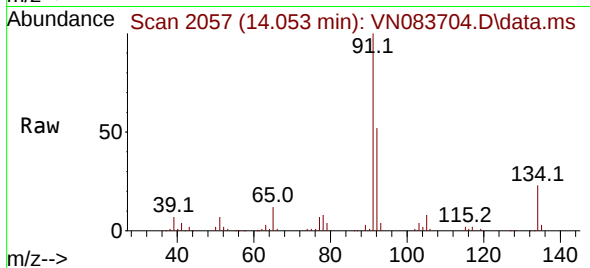
134 24.1 0.0 51.8

Manual Integrations

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Reviewed By :John Carlone 09/09/2024

Supervised By :Semsettin Yesilyurt 09/09/2024



#86

Hexachloroethane

Concen: 19.874 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN083704.D

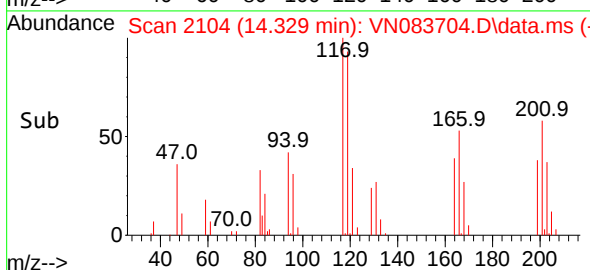
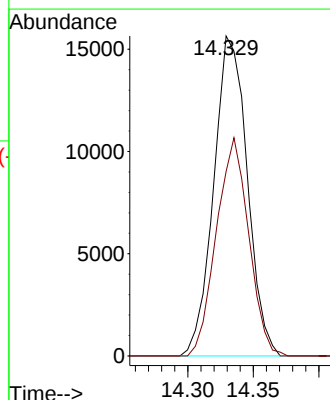
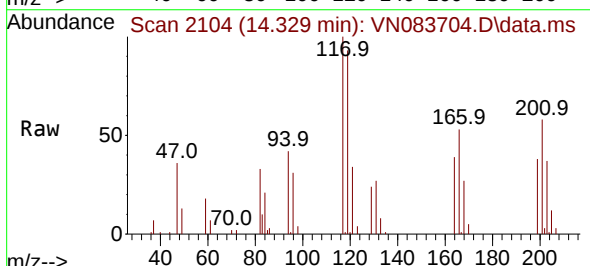
Acq: 06 Sep 2024 18:24

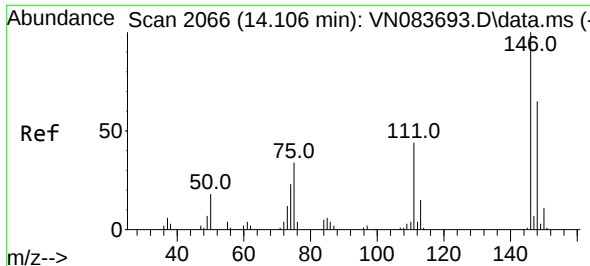
Tgt Ion:117 Resp: 27819

Ion Ratio Lower Upper

117 100

201 65.8 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 20.106 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

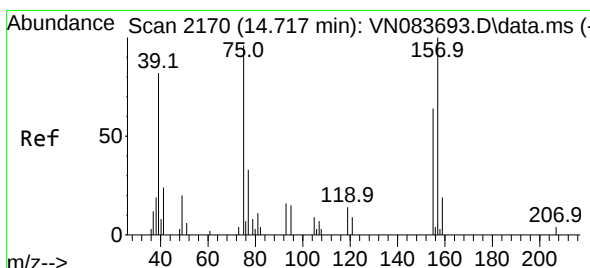
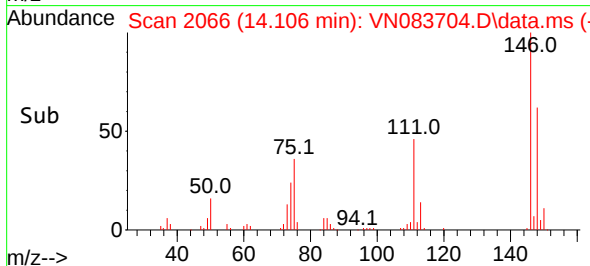
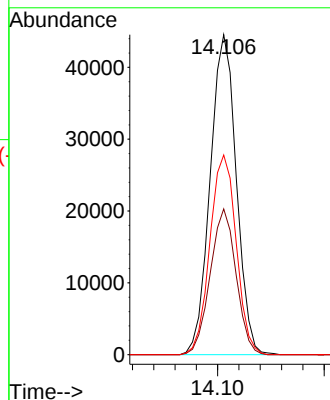
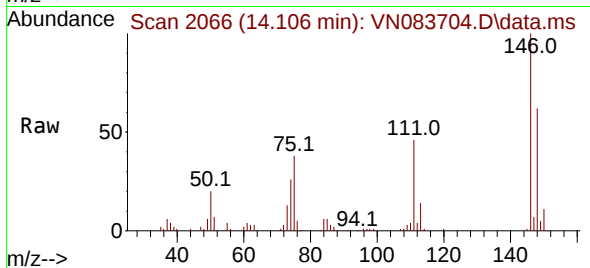
Tgt Ion:146 Resp: 7589
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.6 67.8
 148 62.7 31.3 93.8

Manual Integrations

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Reviewed By :John Carlone 09/09/2024

Supervised By :Semsettin Yesilyurt 09/09/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.533 ug/l

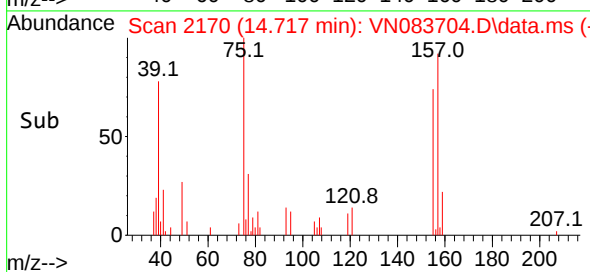
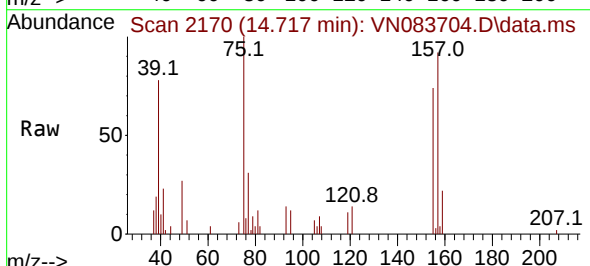
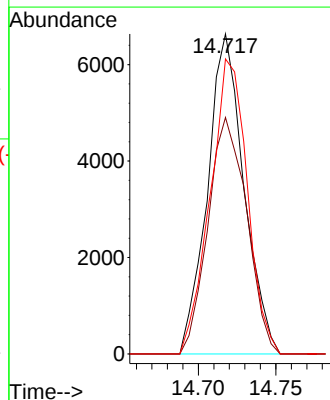
RT: 14.717 min Scan# 2170

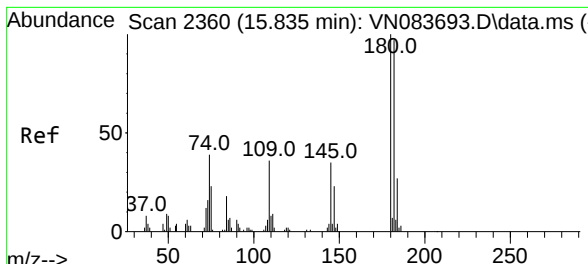
Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Tgt Ion: 75 Resp: 10843
 Ion Ratio Lower Upper
 75 100
 155 78.4 61.7 92.5
 157 94.0 83.6 125.4



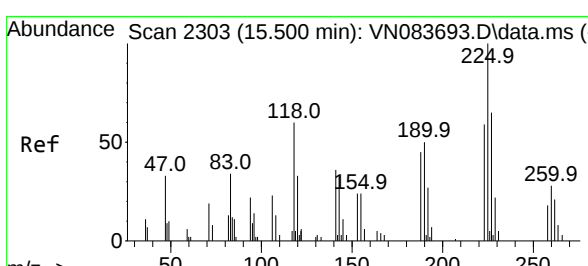
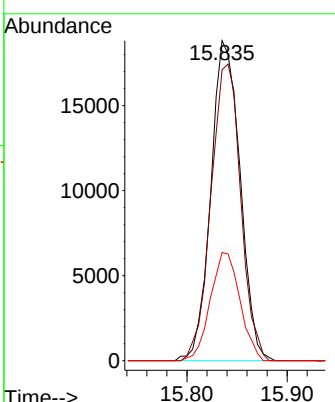
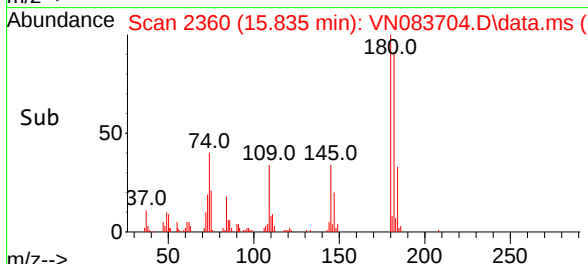
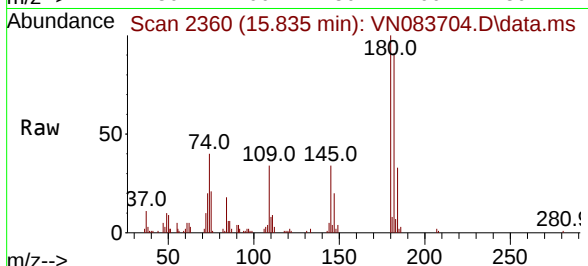


#89
 1,2,4-Trichlorobenzene
 Concen: 18.420 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. 0.000 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020EC

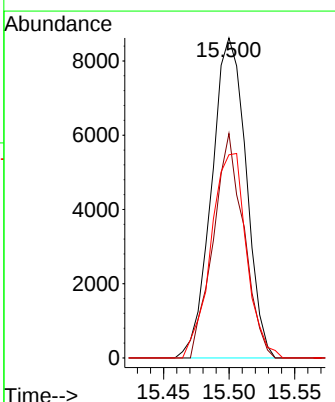
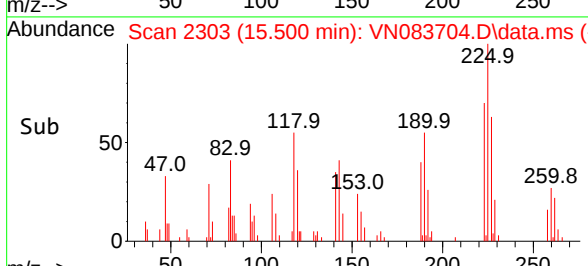
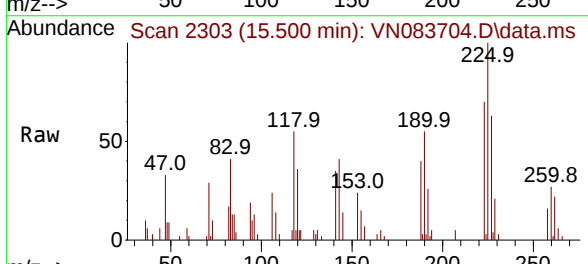
Tgt Ion:180	Resp: 3809
Ion Ratio	Lower Upper
180 100	
182 94.1	76.4 114.6
145 34.3	28.4 42.6

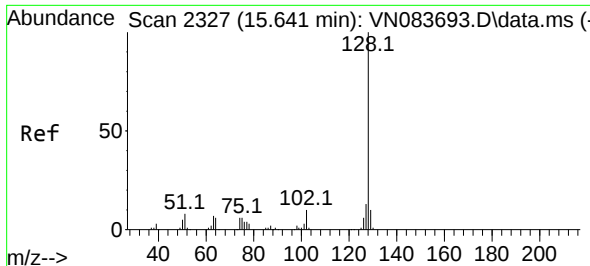
Manual Integrations
APPROVED
 Reviewed By :John Carlone 09/09/2024
 Supervised By :Semsettin Yesilyurt 09/09/2024



#90
 Hexachlorobutadiene
 Concen: 18.414 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

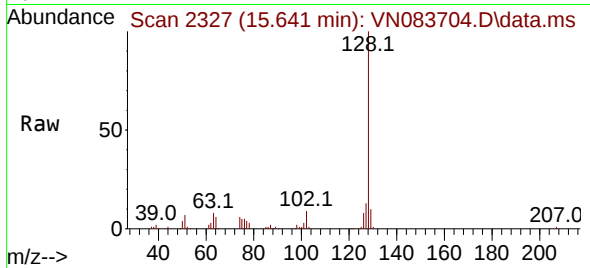
Tgt Ion:225	Resp: 15761
Ion Ratio	Lower Upper
225 100	
223 62.2	0.0 126.6
227 65.8	0.0 126.6





#91
Naphthalene
Concen: 18.882 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

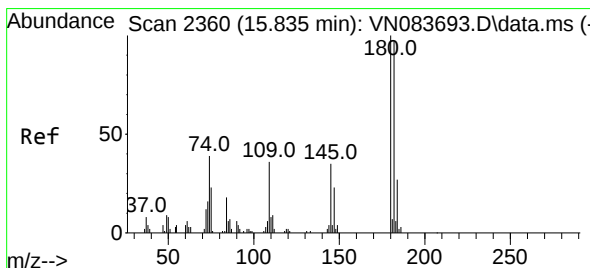
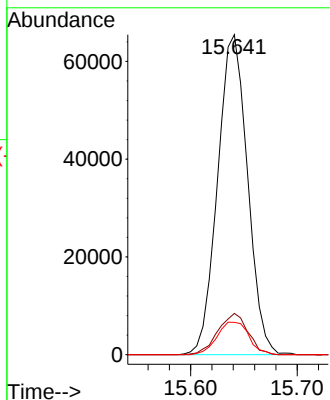
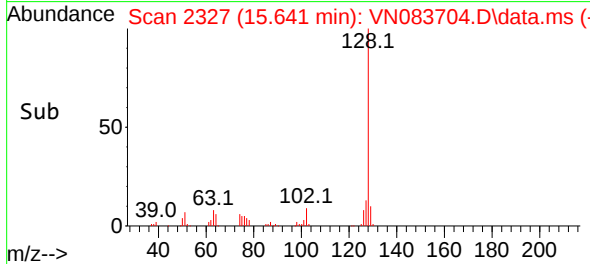
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 127652
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.9 8.6 13.0

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



#92
1,2,3-Trichlorobenzene
Concen: 18.420 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion:180 Resp: 38092
Ion Ratio Lower Upper
180 100
182 94.1 0.0 191.0
145 34.3 0.0 71.0

