

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077165.D
 Acq On : 23 Mar 2023 22:34
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Mar 24 04:56:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 04:51:59 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023

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

Internal Standards						
1) Bromochloromethane	7.825	128	40789	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	272157	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	297451	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	126113	32.871	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.567%			
60) 4-Bromofluorobenzene	12.854	95	149890	26.932	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.767%			
63) Toluene-d8	10.572	98	326697	31.026	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.433%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	30190	6.319	ug/l	96
3) Chloromethane	2.372	50	57454	11.644	ug/l	90
4) Vinyl Chloride	2.525	62	67264	14.323	ug/l	96
5) Bromomethane	2.972	94	53013	17.050	ug/l	94
6) Chloroethane	3.131	64	72213	23.425	ug/l	96
7) Trichlorofluoromethane	3.513	101	88799	10.632	ug/l	98
8) Diethyl Ether	3.972	74	29593	9.642	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.378	101	45990	9.899	ug/l	94
10) 1,1-Dichloroethene	4.354	96	42544	9.475	ug/l	90
11) Methyl Iodide	4.601	142	38034	7.298	ug/l	92
12) Methyl Acetate	5.043	43	96246	12.330	ug/l	93
13) Acrolein	4.196	56	54348	47.766	ug/l	99
14) Acrylonitrile	5.737	53	143104	56.555	ug/l	99
15) Acetone	4.437	58	38263	56.187	ug/l	94
16) Carbon Disulfide	4.725	76	119086	9.584	ug/l	100
17) Allyl chloride	5.031	41	70590	10.234	ug/l	94
18) Methylene Chloride	5.290	84	54461	10.221	ug/l	97
19) trans-1,2-Dichloroethene	5.795	96	46990	9.933	ug/l	95
20) Diisopropyl ether	6.678	45	173989	11.120	ug/l	95
21) 1,1-Dichloroethane	6.584	63	95829	10.401	ug/l	94
22) cis-1,2-Dichloroethene	7.495	96	53177	9.754	ug/l	97
23) tert-Butyl Alcohol	5.531	59	44397	58.872	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	147534m	9.981	ug/l	
25) Chloroform	7.978	83	94195	9.978	ug/l	96
26) Cyclohexane	8.272	56	74108	8.978	ug/l #	93
29) 1,1-Dichloropropene	8.378	75	67473	10.253	ug/l	97
30) 2-Butanone	7.495	43	201031	63.389	ug/l	99
31) 2,2-Dichloropropane	7.501	77	61242	9.544	ug/l #	90
32) 1,1,1-Trichloroethane	8.172	97	80877	10.489	ug/l	100
33) Carbon Tetrachloride	8.366	117	66690	9.840	ug/l	87
34) Benzene	8.613	78	209733	10.385	ug/l #	91
35) Methacrylonitrile	7.784	41	42831	12.061	ug/l	96
36) 1,2-Dichloroethane	8.678	62	78154	11.281	ug/l	98
37) Trichloroethene	9.354	130	45979	9.414	ug/l	94
38) Methylcyclohexane	9.607	83	71935	8.951	ug/l	92
39) 1,2-Dichloropropane	9.625	63	55769	10.685	ug/l	94
40) Dibromomethane	9.719	93	38000	11.405	ug/l	99
41) Bromodichloromethane	9.889	83	70187	10.309	ug/l	98
42) Vinyl Acetate	6.619	43	551450	56.850	ug/l	99

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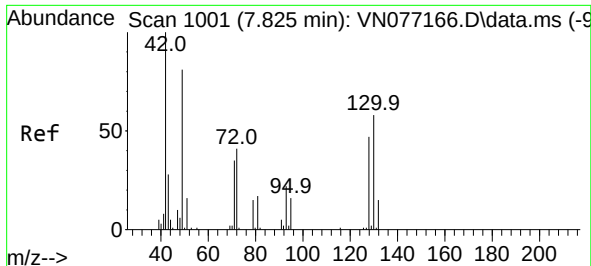
Manual Integrations
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Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023

Quant Time: Mar 24 04:56:50 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	84583	13.299	ug/l	99
44) Isopropyl Acetate	8.695	43	123072	11.967	ug/l	98
45) 1,4-Dioxane	9.695	88	21235	243.979	ug/l	97
46) Methyl methacrylate	9.683	41	56888	11.427	ug/l	98
47) n-amyl Acetate	12.495	43	92293	11.091	ug/l	95
48) t-1,3-Dichloropropene	10.842	75	65938	9.708	ug/l	98
49) cis-1,3-Dichloropropene	10.319	75	74772	9.746	ug/l	97
50) 1,1,2-Trichloroethane	11.019	97	49377	10.145	ug/l	94
51) Ethyl methacrylate	10.877	69	68479	9.620	ug/l	93
52) 1,3-Dichloropropane	11.166	76	88590	10.573	ug/l	99
53) Dibromochloromethane	11.360	129	47572	9.650	ug/l	98
54) 1,2-Dibromoethane	11.472	107	47969	10.245	ug/l	97
55) 2-Chloroethyl vinyl ether	10.166	63	152576	58.782	ug/l	98
56) Bromoform	12.583	173	31824	9.684	ug/l #	95
58) 4-Methyl-2-Pentanone	10.448	43	406381	62.869	ug/l	99
59) 2-Hexanone	11.201	43	292869	63.458	ug/l	98
61) Tetrachloroethene	11.107	164	37146	8.104	ug/l #	79
62) Toluene	10.630	91	216586	10.342	ug/l	99
64) Chlorobenzene	11.895	112	127059	10.334	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.960	131	46801	10.108	ug/l	98
66) Ethyl Benzene	11.966	91	217221	9.611	ug/l	97
67) m/p-Xylenes	12.072	106	170366	19.908	ug/l	98
68) o-Xylene	12.401	106	80436	9.621	ug/l	96
69) Styrene	12.413	104	129395	9.596	ug/l	99
70) Isopropylbenzene	12.701	105	206753	9.520	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.942	83	76341	11.308	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	67266m	10.833	ug/l	
73) Bromobenzene	12.983	156	47311	9.610	ug/l	92
74) n-propylbenzene	13.042	91	240186	9.430	ug/l	98
75) 2-Chlorotoluene	13.130	91	148091	9.395	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	174423	9.311	ug/l	93
77) t-1,4-Dichloro-2-butene	12.742	75	18935	10.222	ug/l	88
78) 4-Chlorotoluene	13.224	91	138936	9.161	ug/l	95
79) tert-butylbenzene	13.442	119	152793	9.738	ug/l	99
80) 1,2,4-Trimethylbenzene	13.489	105	165557	9.031	ug/l	98
81) sec-Butylbenzene	13.618	105	208856	9.359	ug/l	98
82) p-Isopropyltoluene	13.736	119	156053	8.688	ug/l	97
83) 1,3-Dichlorobenzene	13.736	146	86979	9.579	ug/l	98
84) 1,4-Dichlorobenzene	13.813	146	76632	8.728	ug/l	93
85) n-Butylbenzene	14.060	91	117194	7.743	ug/l	98
86) Hexachloroethane	14.342	117	32247	9.862	ug/l	92
87) 1,2-Dichlorobenzene	14.107	146	85923	9.515	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	13098	10.055	ug/l	94
89) 1,2,4-Trichlorobenzene	15.395	180	29946	6.500	ug/l	98
90) Hexachlorobutadiene	15.507	225	21114	8.502	ug/l	98
91) Naphthalene	15.642	128	91082	6.225	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	31141	6.740	ug/l	98

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



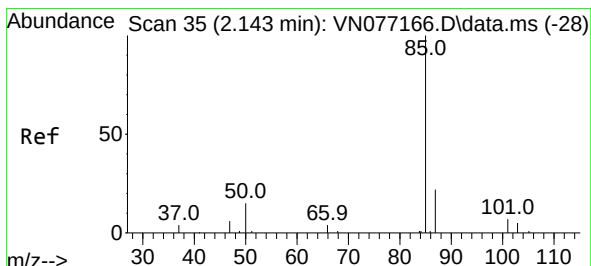
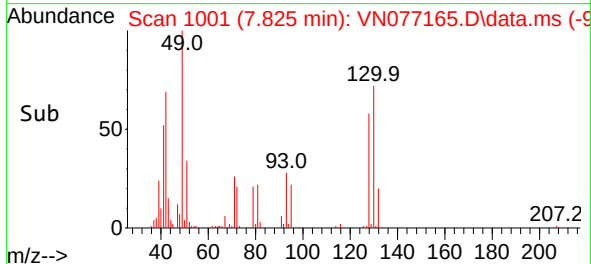
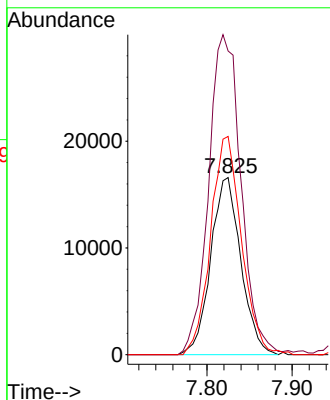
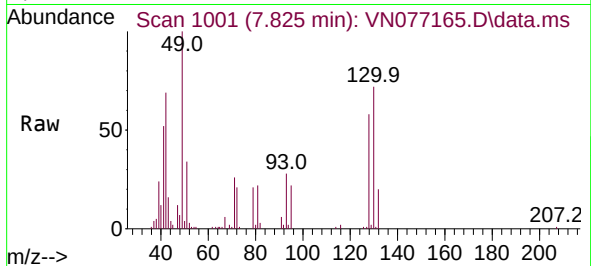
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:128 Resp: 40789
Ion Ratio Lower Upper
128 100
49 194.0 0.0 461.8
130 126.4 0.0 295.3

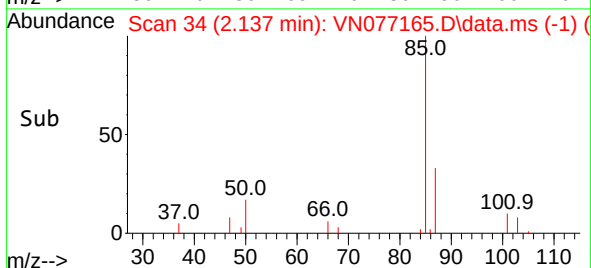
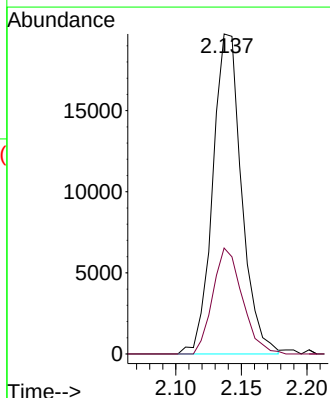
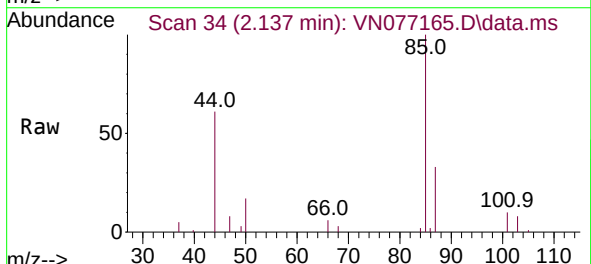
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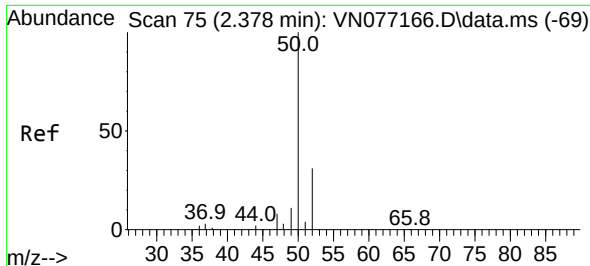
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#2
Dichlorodifluoromethane
Concen: 6.319 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion: 85 Resp: 30190
Ion Ratio Lower Upper
85 100
87 33.1 15.4 46.1





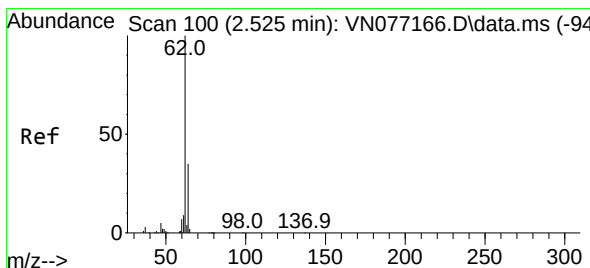
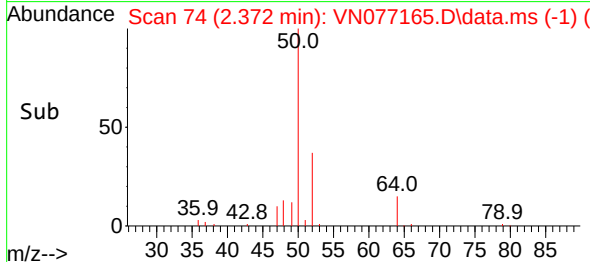
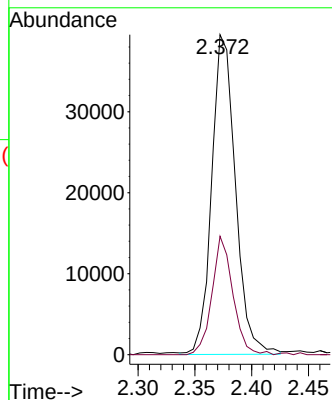
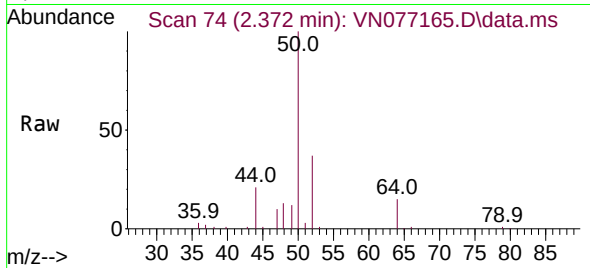
#3
Chloromethane
Concen: 11.644 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 50 Resp: 57454
Ion Ratio Lower Upper
50 100
52 37.2 25.3 37.9

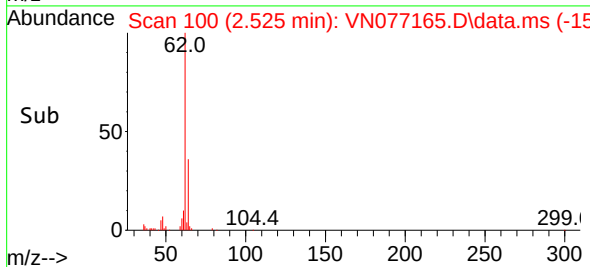
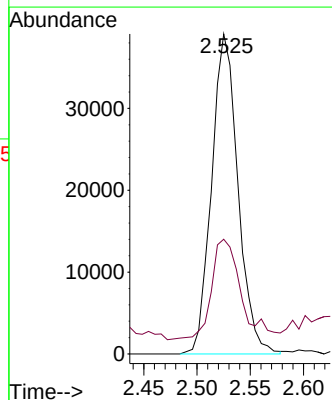
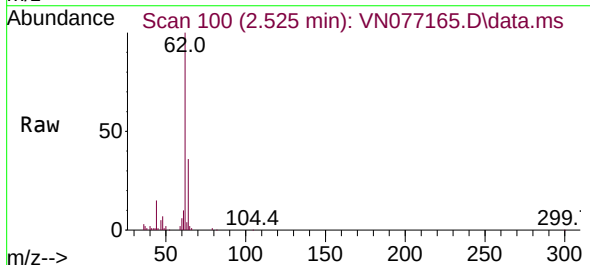
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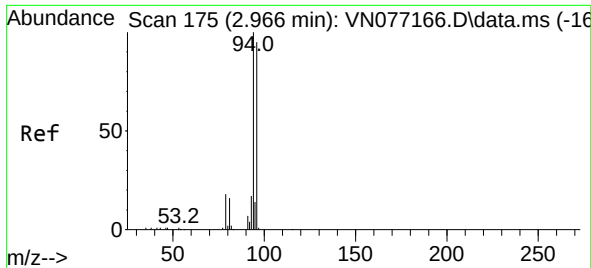
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#4
Vinyl Chloride
Concen: 14.323 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion: 62 Resp: 67264
Ion Ratio Lower Upper
62 100
64 30.9 23.1 34.7





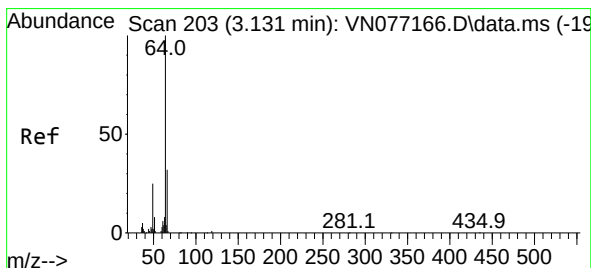
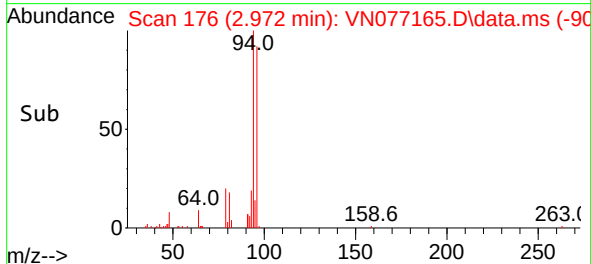
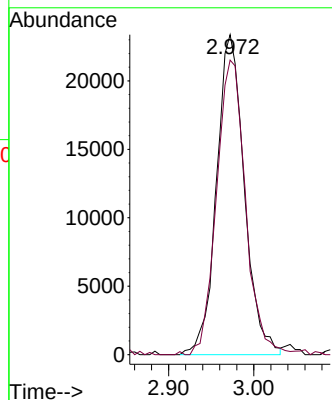
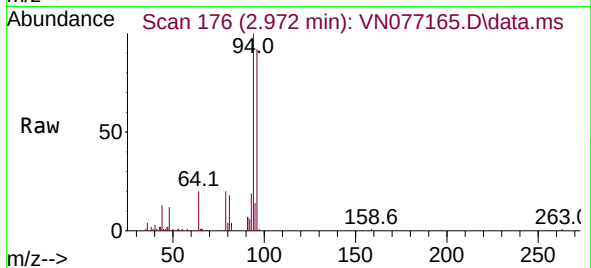
#5
Bromomethane
Concen: 17.050 ug/l
RT: 2.972 min Scan# 176
Delta R.T. 0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 94 Resp: 5301
Ion Ratio Lower Upper
94 100
96 91.1 68.6 103.0

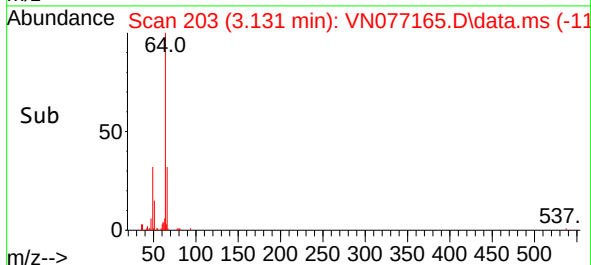
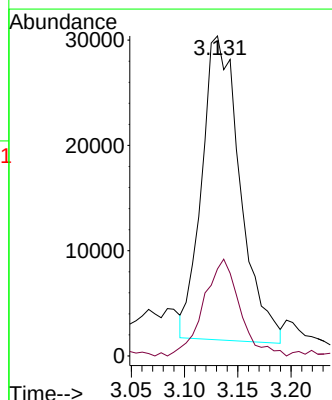
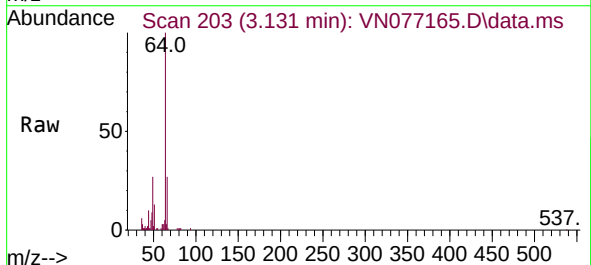
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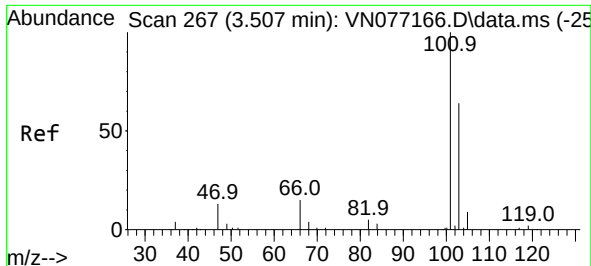
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#6
Chloroethane
Concen: 23.425 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

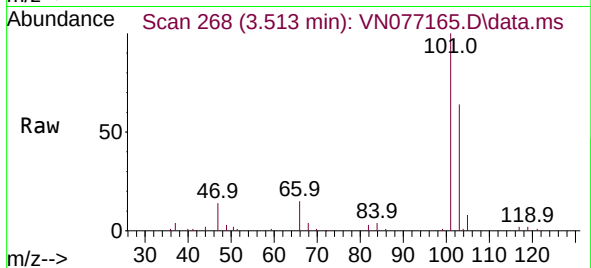
Tgt Ion: 64 Resp: 72213
Ion Ratio Lower Upper
64 100
66 27.8 23.8 35.6





#7
Trichlorofluoromethane
Concen: 10.632 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

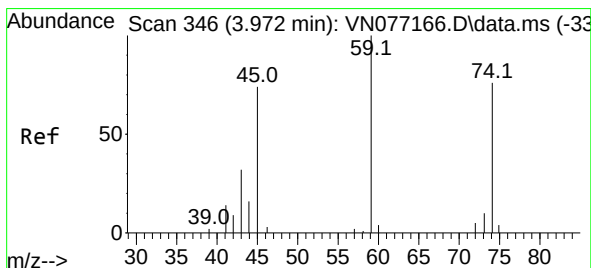
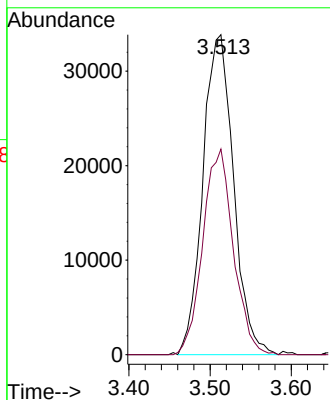
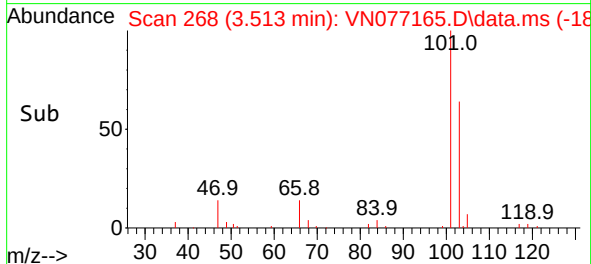
Instrument :
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Tgt Ion:101 Resp: 88799
Ion Ratio Lower Upper
101 100
103 64.3 50.2 75.2

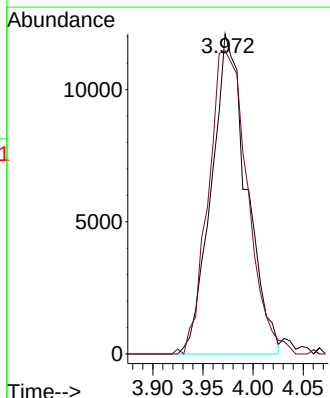
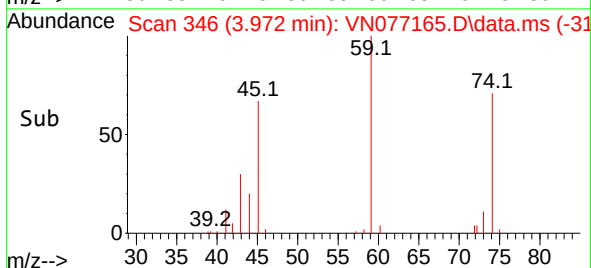
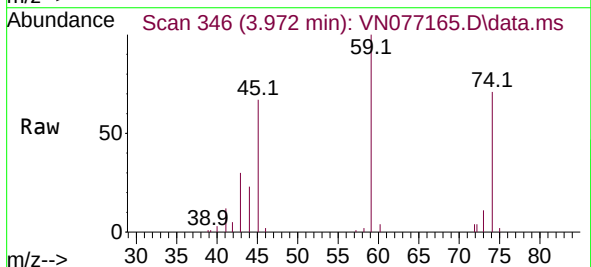
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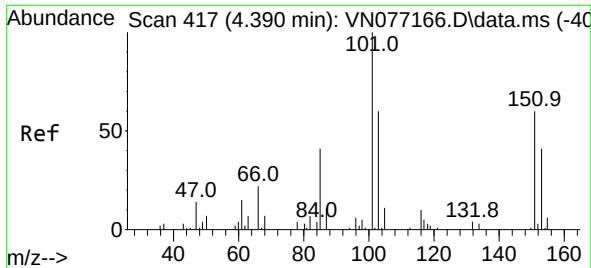
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#8
Diethyl Ether
Concen: 9.642 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion: 74 Resp: 29593
Ion Ratio Lower Upper
74 100
45 105.1 21.4 193.0





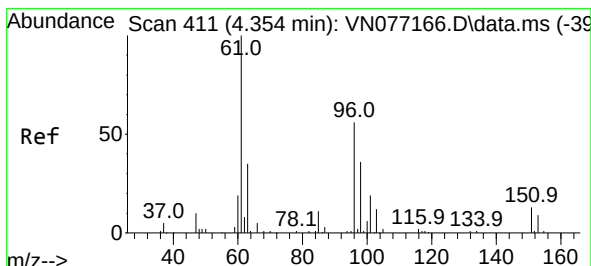
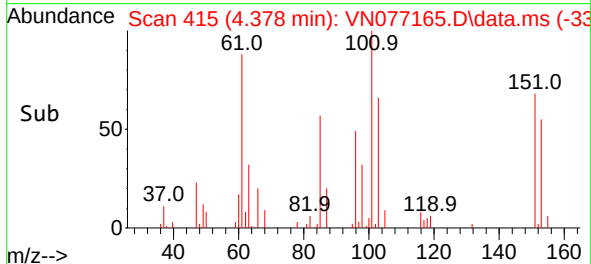
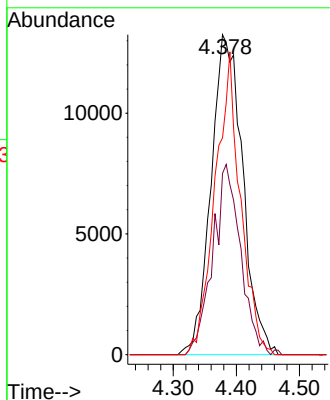
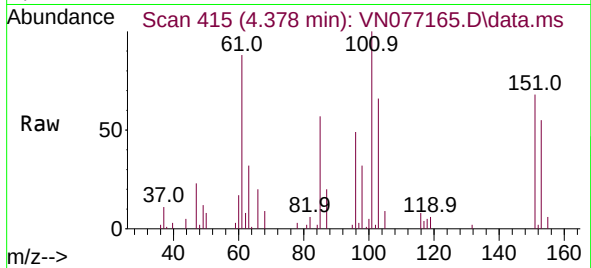
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1,1,2-Trichlorotrifluoroethane
Concen: 9.899 ug/l
RT: 4.378 min Scan# 417
Delta R.T. -0.012 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 45990
Ion Ratio Lower Upper
101 100
85 52.4 0.0 95.2
151 75.8 0.0 142.2

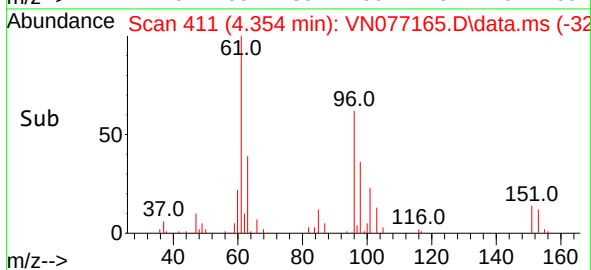
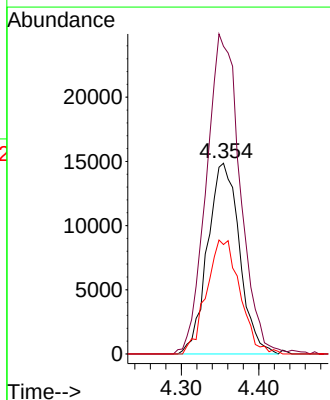
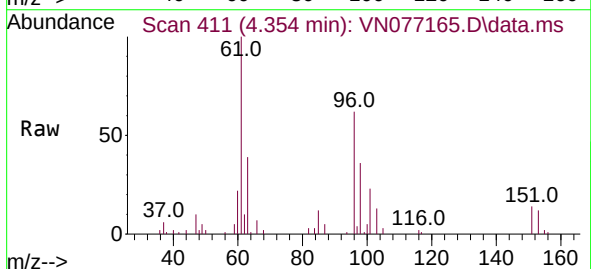
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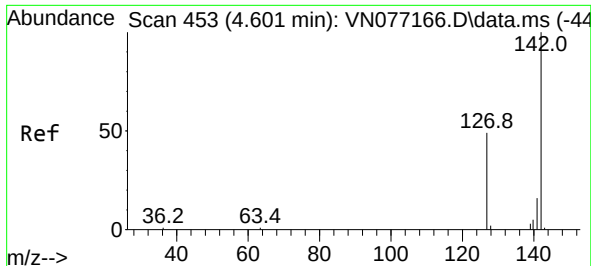
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#10
1,1-Dichloroethene
Concen: 9.475 ug/l
RT: 4.354 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

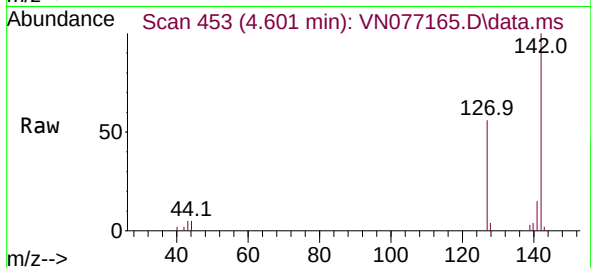
Tgt Ion: 96 Resp: 42544
Ion Ratio Lower Upper
96 100
61 159.1 137.1 205.7
98 57.4 53.2 79.8





#11
Methyl Iodide
Concen: 7.298 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

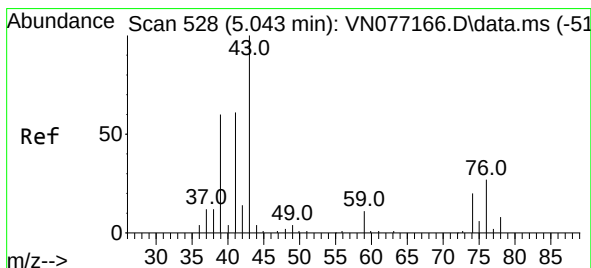
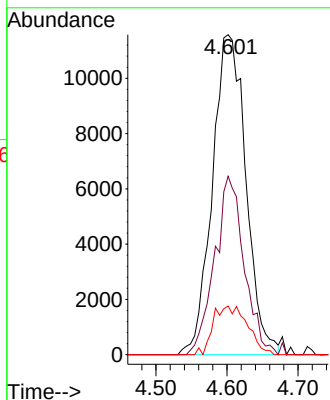
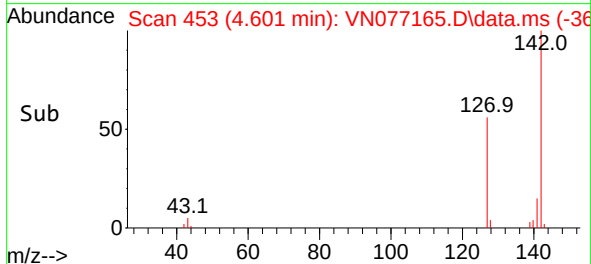
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



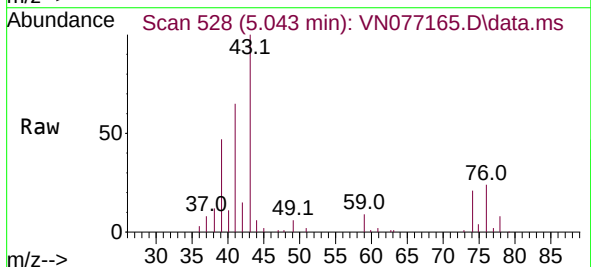
Tgt Ion:142 Resp: 38034
Ion Ratio Lower Upper
142 100
127 56.6 25.0 75.0
141 15.4 8.0 24.0

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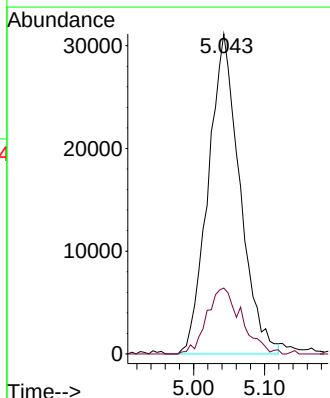
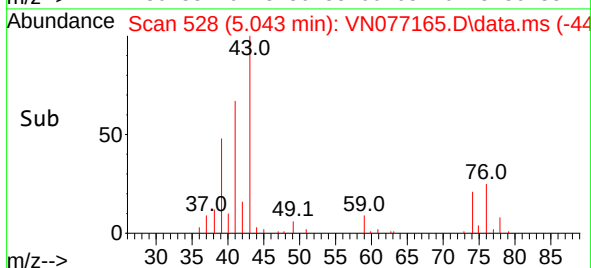
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

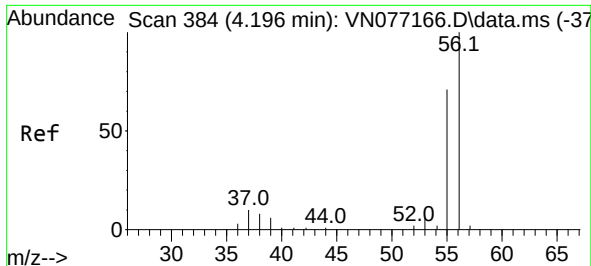


#12
Methyl Acetate
Concen: 12.330 ug/l
RT: 5.043 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34



Tgt Ion: 43 Resp: 96246
Ion Ratio Lower Upper
43 100
74 20.3 19.0 28.4





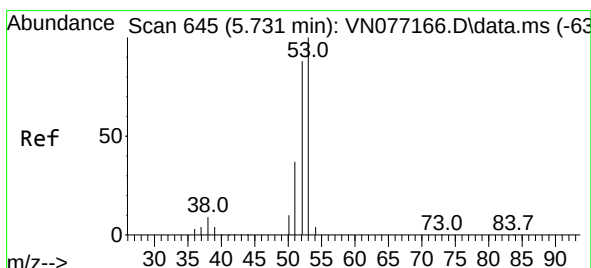
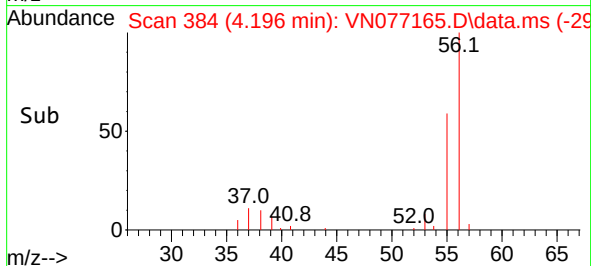
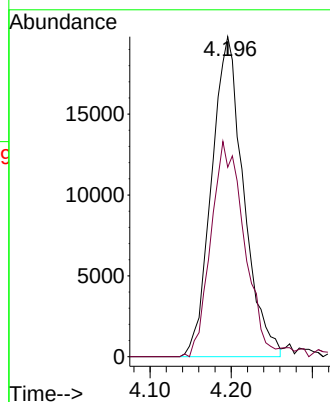
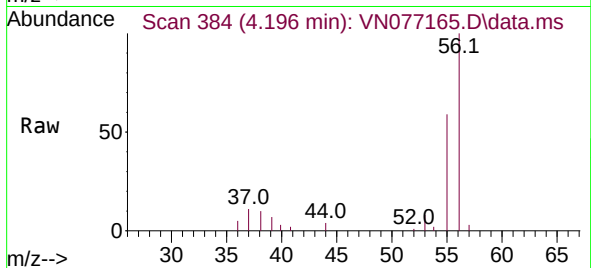
#13
Acrolein
Concen: 47.766 ug/l
RT: 4.196 min Scan# 384
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 54348
Ion Ratio Lower Upper
56 100
55 69.5 55.0 82.4

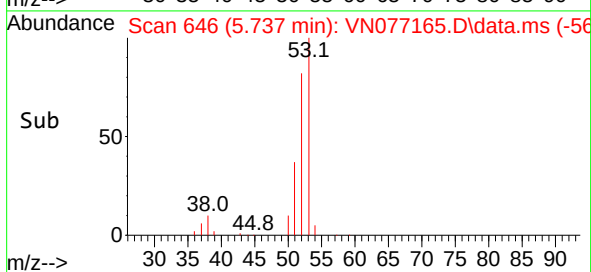
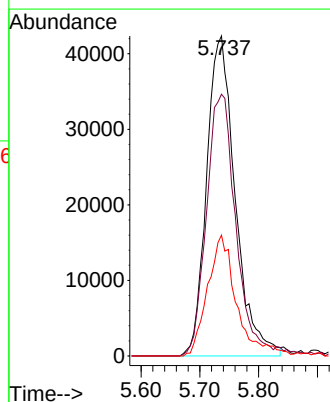
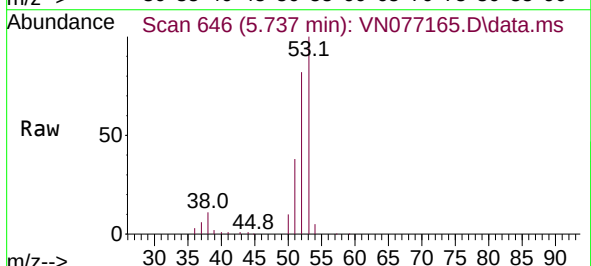
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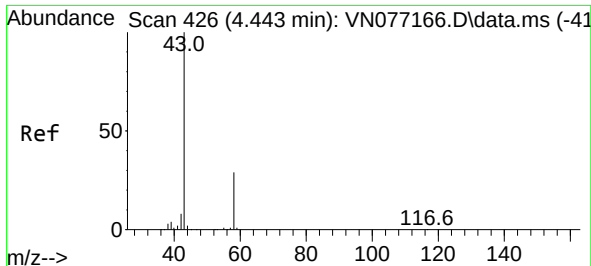
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#14
Acrylonitrile
Concen: 56.555 ug/l
RT: 5.737 min Scan# 646
Delta R.T. 0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion: 53 Resp: 143104
Ion Ratio Lower Upper
53 100
52 83.3 41.5 124.6
51 36.3 17.6 52.8





#15

Acetone

Concen: 56.187 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 58 Resp: 3826

Ion Ratio Lower Upper

58 100

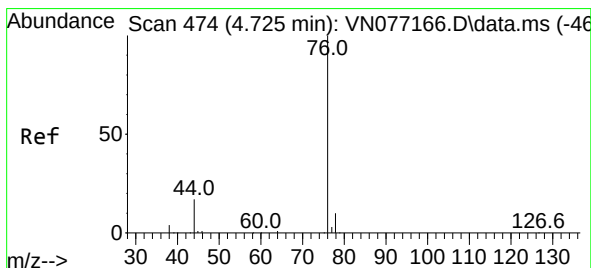
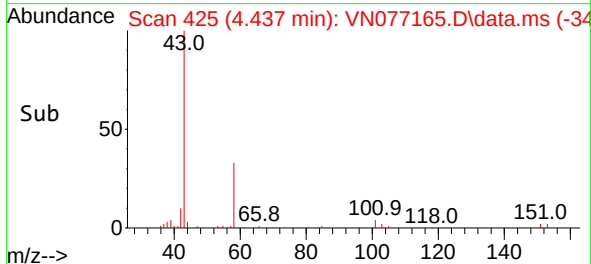
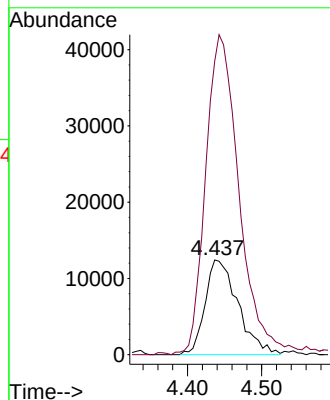
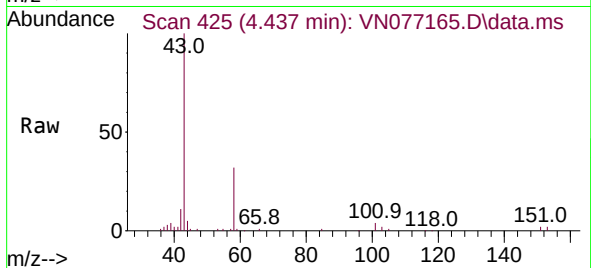
43 307.2 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#16

Carbon Disulfide

Concen: 9.584 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.000 min

Lab File: VN077165.D

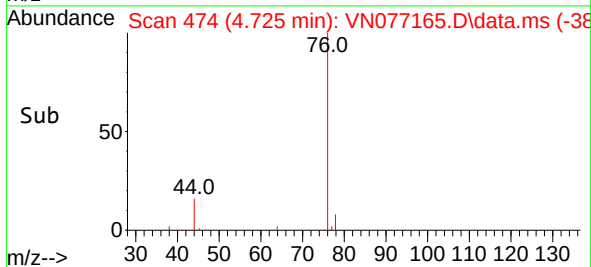
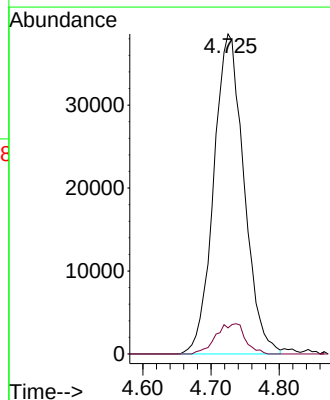
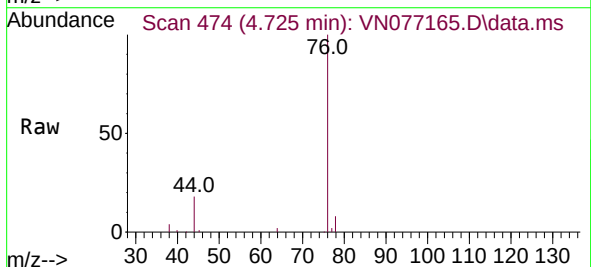
Acq: 23 Mar 2023 22:34

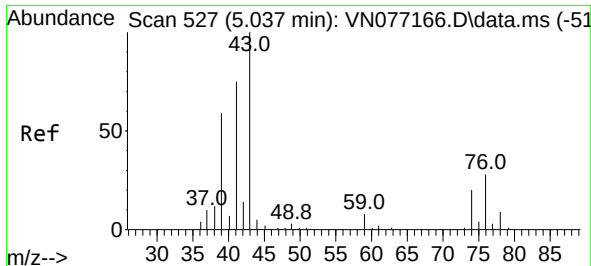
Tgt Ion: 76 Resp: 119086

Ion Ratio Lower Upper

76 100

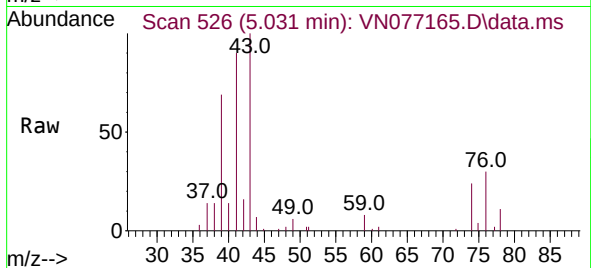
78 8.2 6.6 9.8





#17
 Allyl chloride
 Concen: 10.234 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN077165.D
 Acq: 23 Mar 2023 22:34

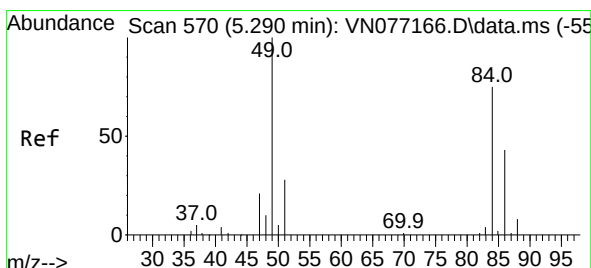
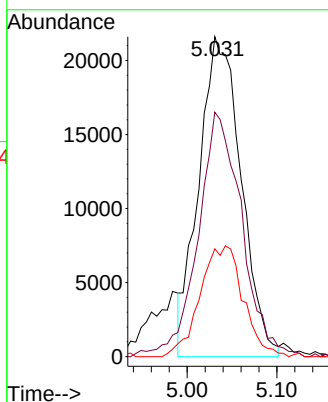
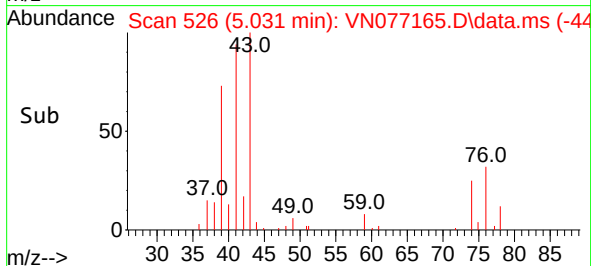
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 41 Resp: 70590
 Ion Ratio Lower Upper
 41 100
 39 75.6 34.8 104.3
 76 33.6 17.5 52.5

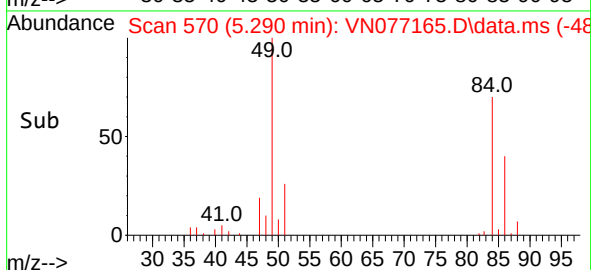
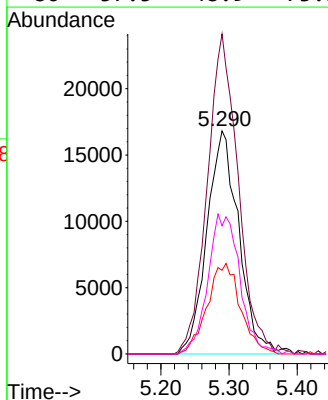
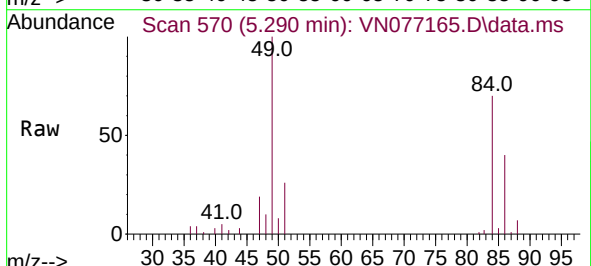
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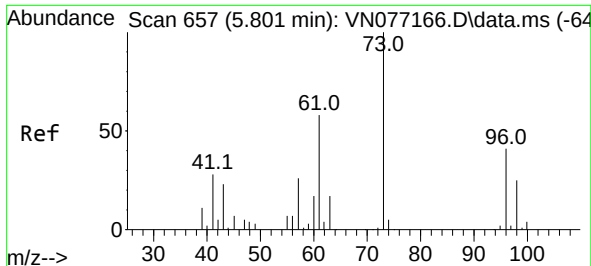
Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#18
 Methylene Chloride
 Concen: 10.221 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VN077165.D
 Acq: 23 Mar 2023 22:34

Tgt Ion: 84 Resp: 54461
 Ion Ratio Lower Upper
 84 100
 49 142.5 113.8 170.6
 51 37.5 34.2 51.4
 86 57.5 48.9 73.3





#19

trans-1,2-Dichloroethene

Concen: 9.933 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 96 Resp: 46990

Ion Ratio Lower Upper

96 100

61 142.5 111.0 166.4

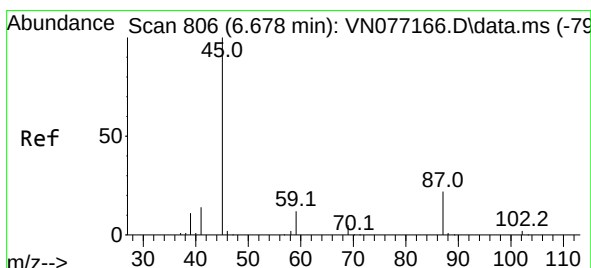
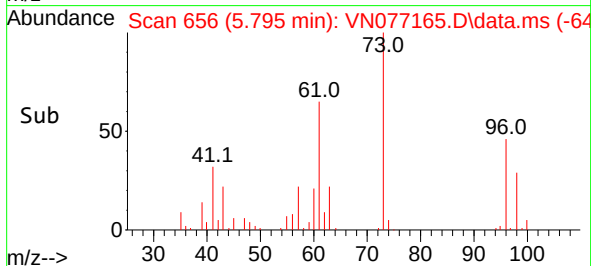
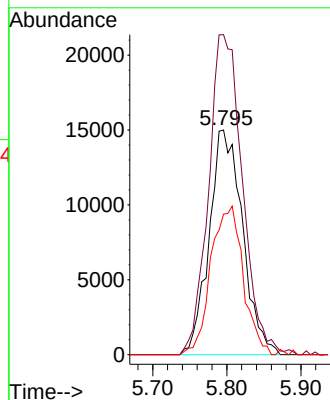
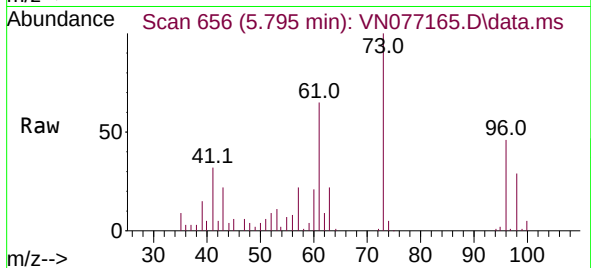
98 62.6 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#20

Diisopropyl ether

Concen: 11.120 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.000 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

Tgt Ion: 45 Resp: 173989

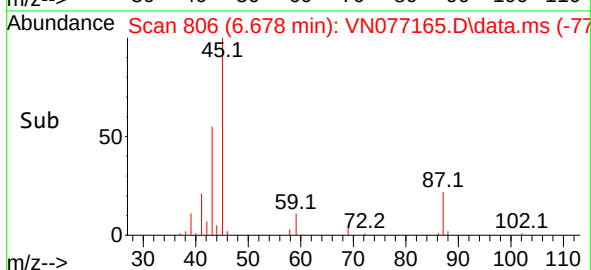
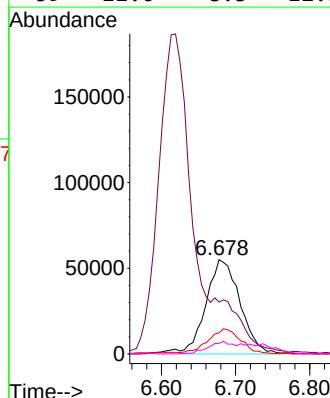
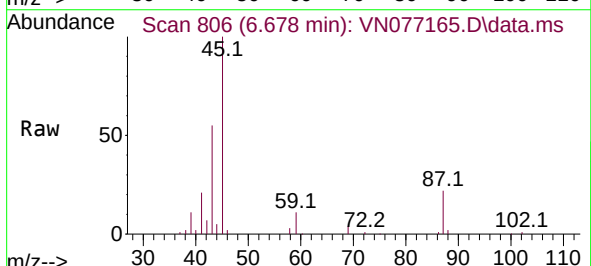
Ion Ratio Lower Upper

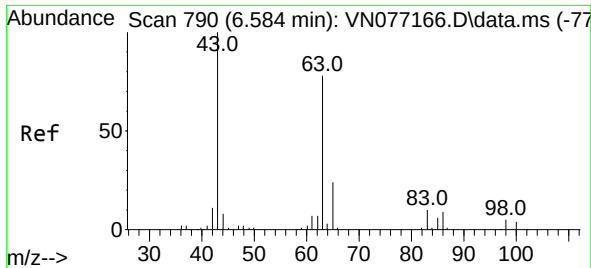
45 100

43 52.0 38.6 58.0

87 22.2 20.1 30.1

59 11.0 8.3 12.5





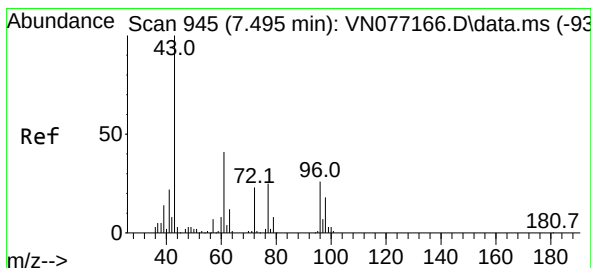
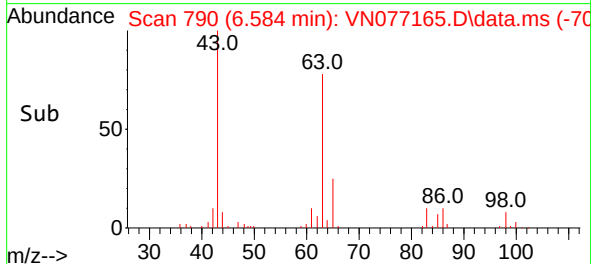
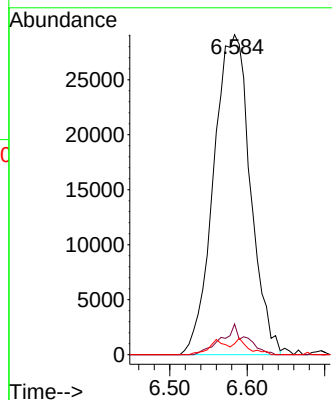
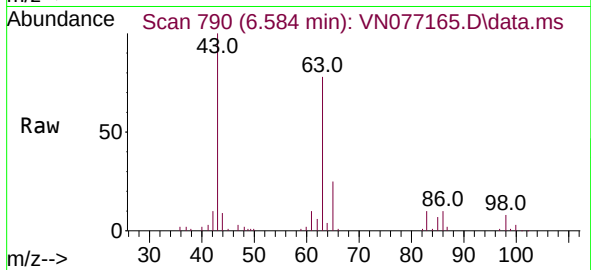
#21
1,1-Dichloroethane
Concen: 10.401 ug/l
RT: 6.584 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 63 Resp: 95829
Ion Ratio Lower Upper
63 100
98 9.6 3.6 10.9
100 3.5 2.6 7.8

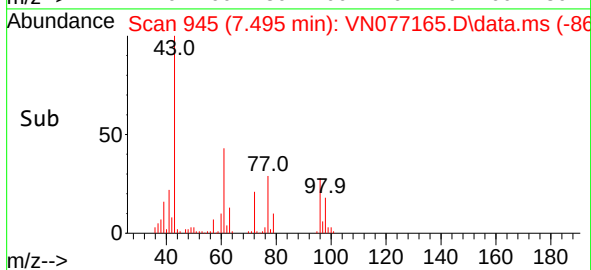
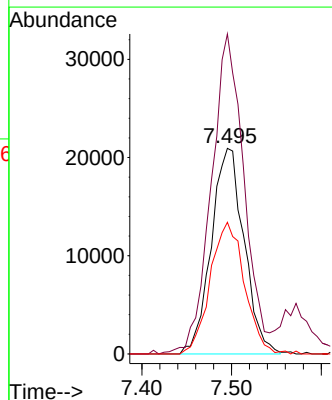
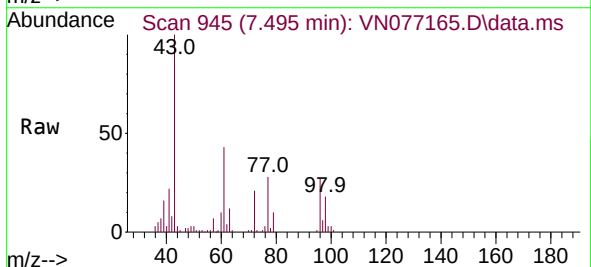
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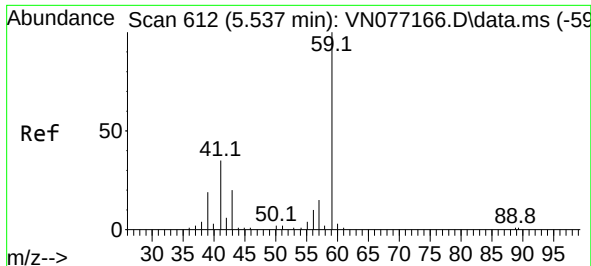
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#22
cis-1,2-Dichloroethene
Concen: 9.754 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion: 96 Resp: 53177
Ion Ratio Lower Upper
96 100
61 153.6 121.0 181.4
98 66.5 50.1 75.1





#23

tert-Butyl Alcohol

Concen: 58.872 ug/l

RT: 5.531 min Scan# 612

Delta R.T. -0.006 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 59 Resp: 4439

Ion Ratio Lower Upper

59 100

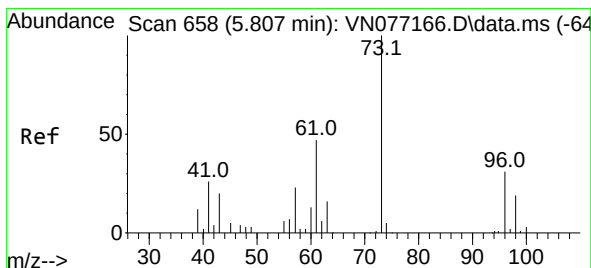
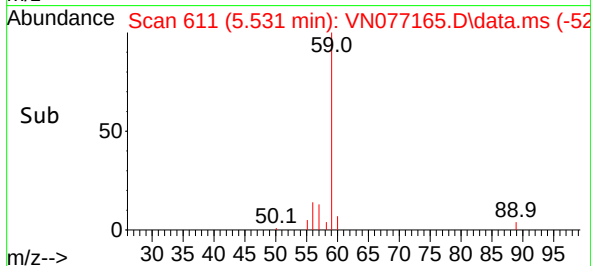
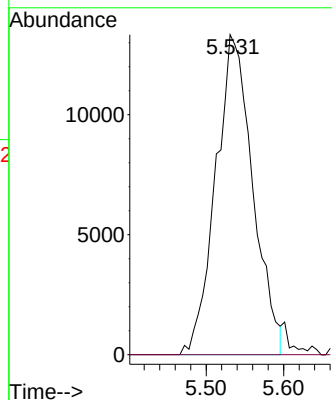
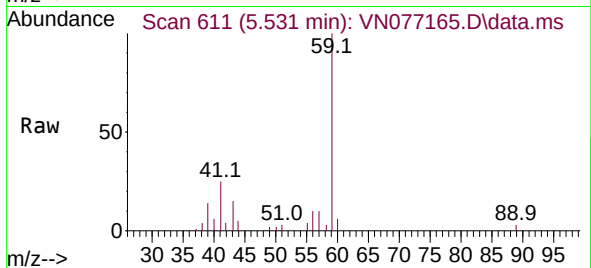
52 0.0 0.2 0.2

Manual Integrations

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Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#24

Methyl tert-Butyl Ether

Concen: 9.981 ug/l m

RT: 5.801 min Scan# 657

Delta R.T. -0.006 min

Lab File: VN077165.D

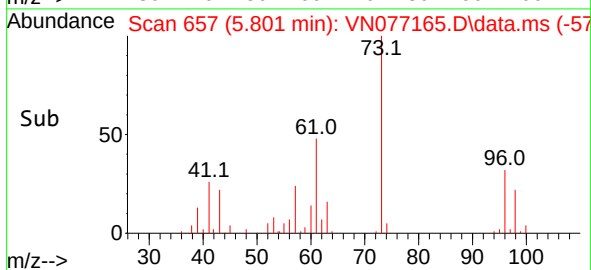
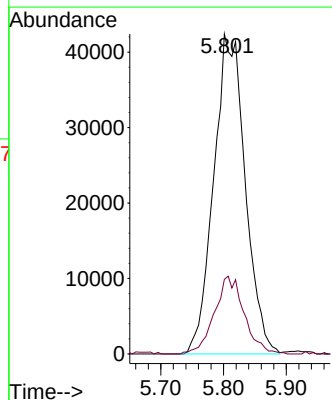
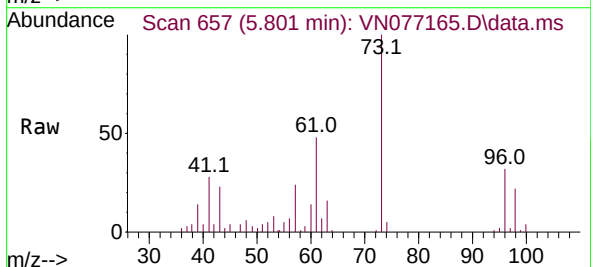
Acq: 23 Mar 2023 22:34

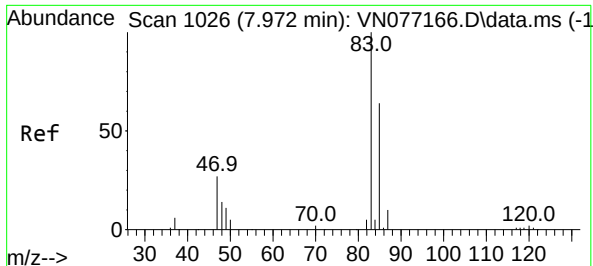
Tgt Ion: 73 Resp: 147534

Ion Ratio Lower Upper

73 100

43 22.9 17.8 26.6





#25

Chloroform

Concen: 9.978 ug/l

RT: 7.978 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 9419

Ion Ratio Lower Upper

83 100

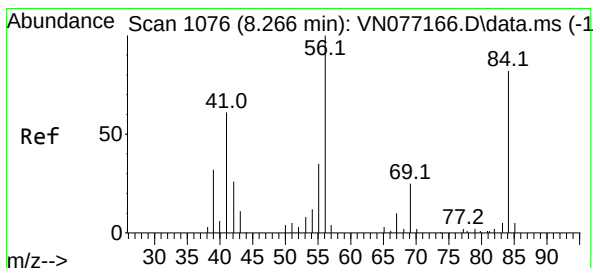
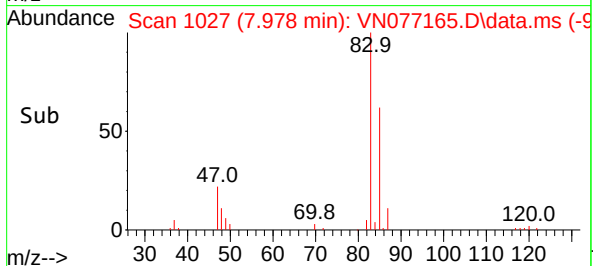
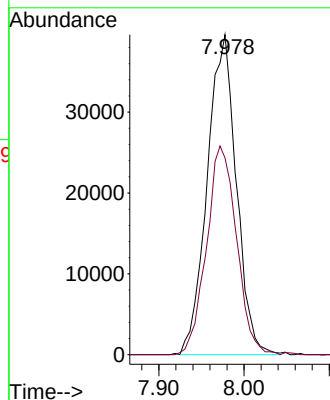
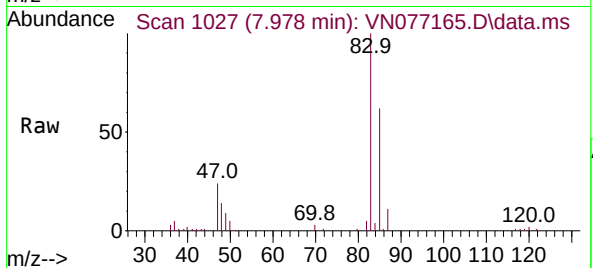
85 61.5 51.8 77.6

Manual Integrations

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Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#26

Cyclohexane

Concen: 8.978 ug/l

RT: 8.272 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

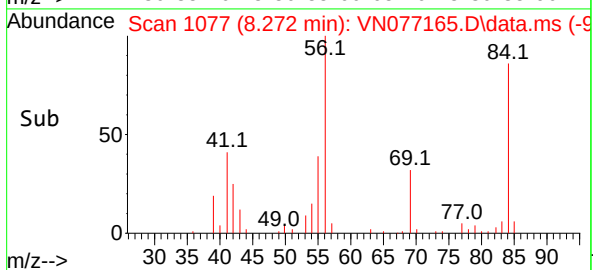
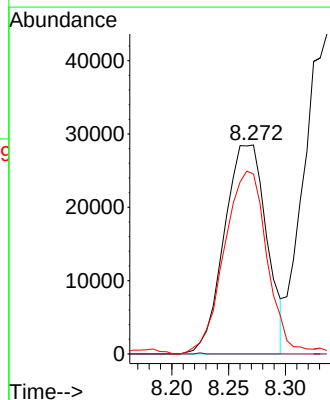
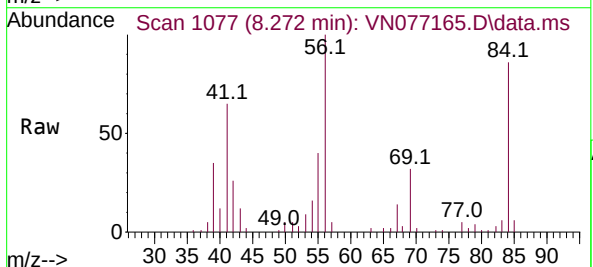
Tgt Ion: 56 Resp: 74108

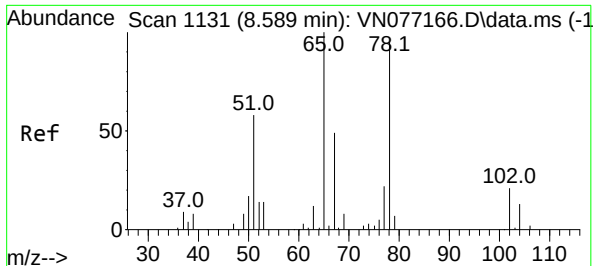
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.2 65.3 97.9





#27

1,2-Dichloroethane-d4

Concen: 32.871 ug/l

RT: 8.584 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 12611

Ion Ratio Lower Upper

65 100

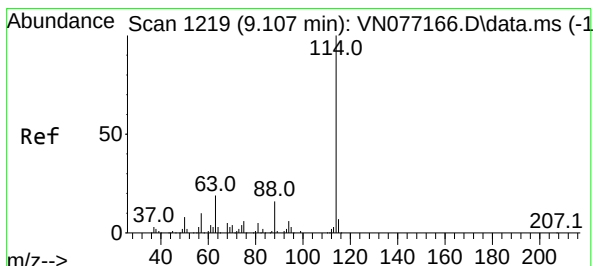
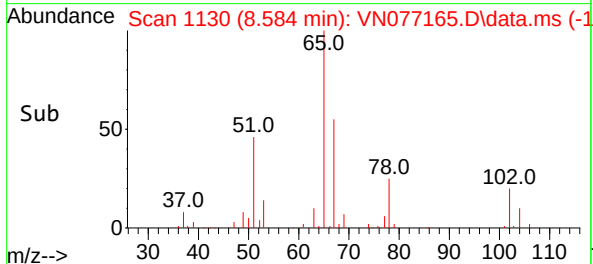
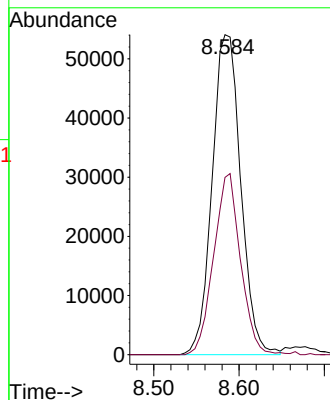
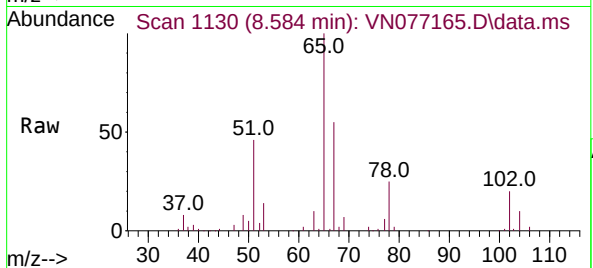
67 53.2 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

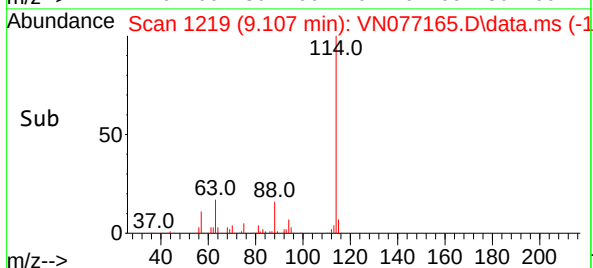
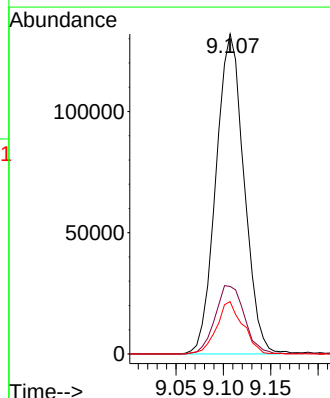
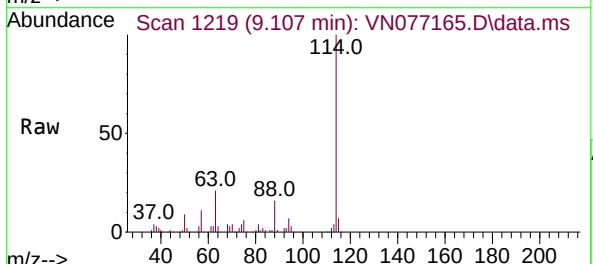
Tgt Ion:114 Resp: 272157

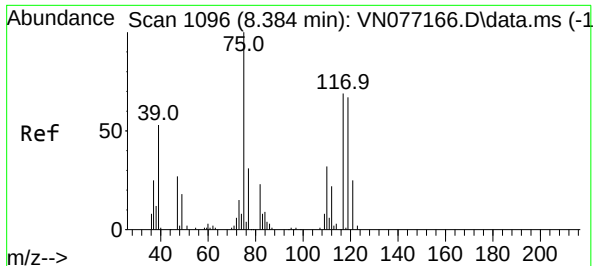
Ion Ratio Lower Upper

114 100

63 22.2 17.0 25.4

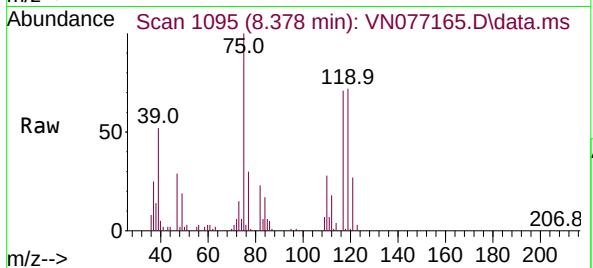
88 15.3 11.6 17.4





#29
1,1-Dichloropropene
Concen: 10.253 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

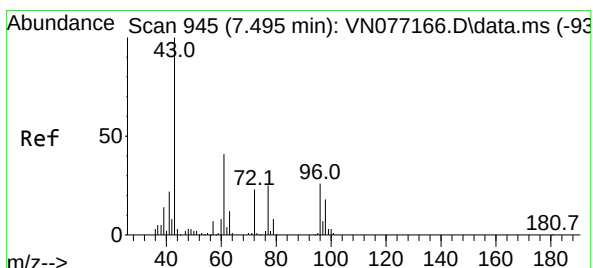
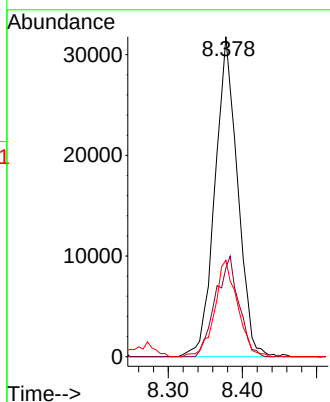
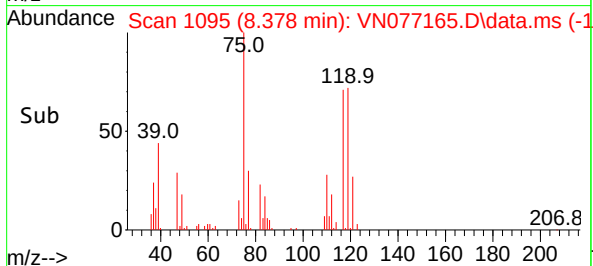
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 6747
Ion Ratio Lower Upper
75 100
110 32.3 0.0 67.2
77 30.1 0.0 64.4

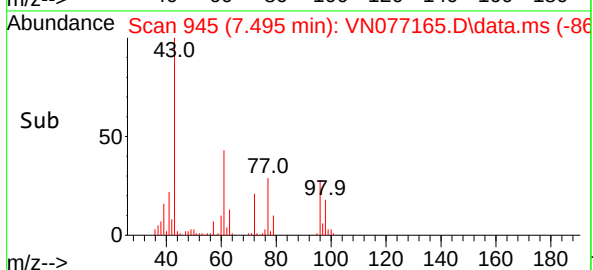
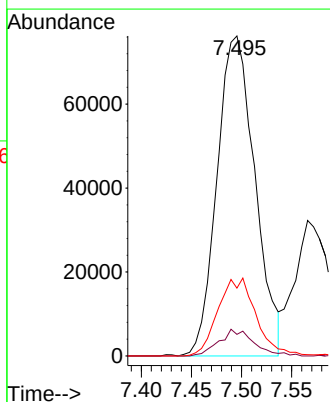
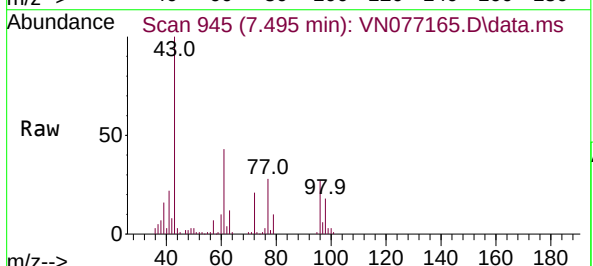
Manual Integrations
APPROVED

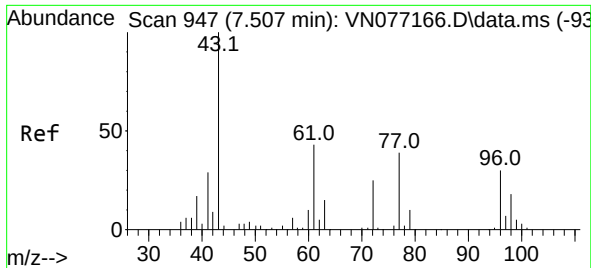
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#30
2-Butanone
Concen: 63.389 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

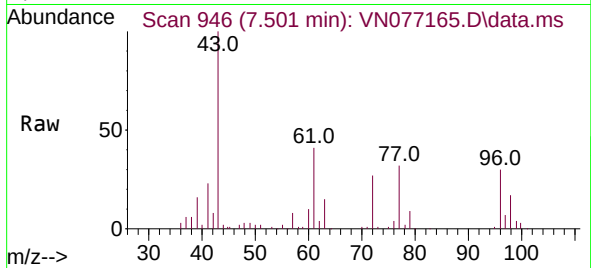
Tgt Ion: 43 Resp: 201031
Ion Ratio Lower Upper
43 100
57 7.4 6.1 9.1
72 24.5 20.2 30.4





#31
2,2-Dichloropropane
Concen: 9.544 ug/l
RT: 7.501 min Scan# 947
Delta R.T. -0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

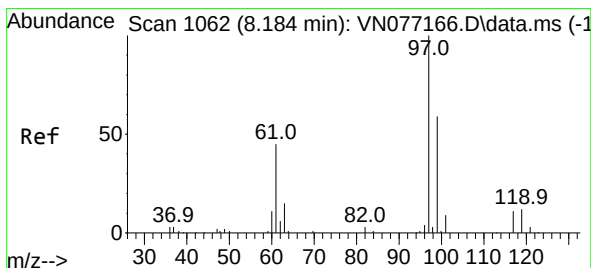
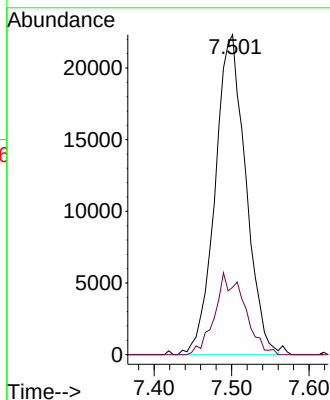
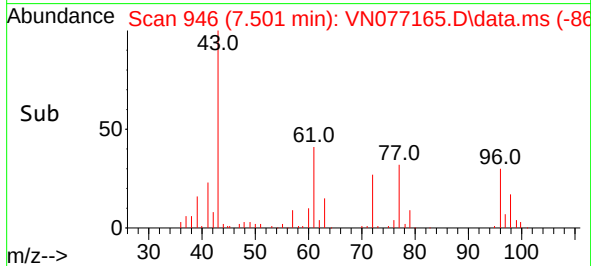
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



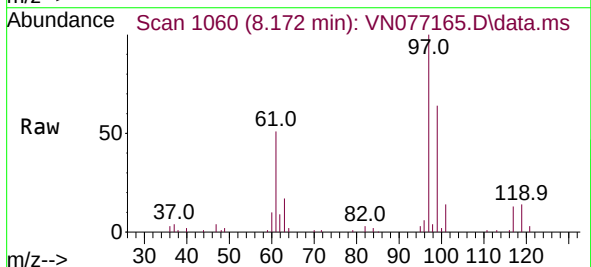
Tgt Ion: 77 Resp: 6124
Ion Ratio Lower Upper
77 100
97 12.5 7.2 10.8

Manual Integrations
APPROVED

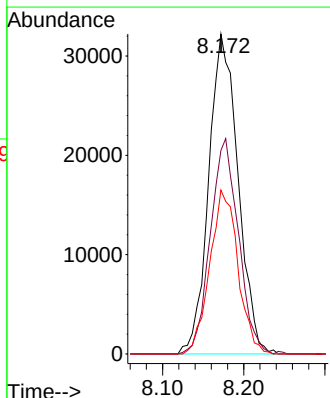
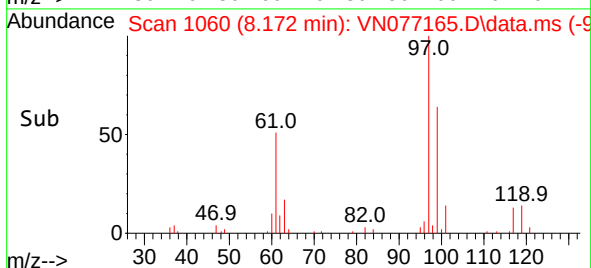
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

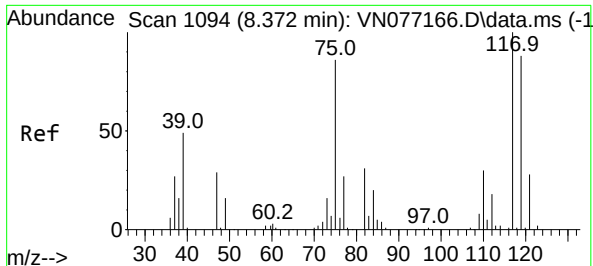


#32
1,1,1-Trichloroethane
Concen: 10.489 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.012 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34



Tgt Ion: 97 Resp: 80877
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.8
61 49.1 39.3 58.9





#33

Carbon Tetrachloride

Concen: 9.840 ug/l

RT: 8.366 min Scan# 1093

Delta R.T. -0.006 min

Lab File: VN077165.D

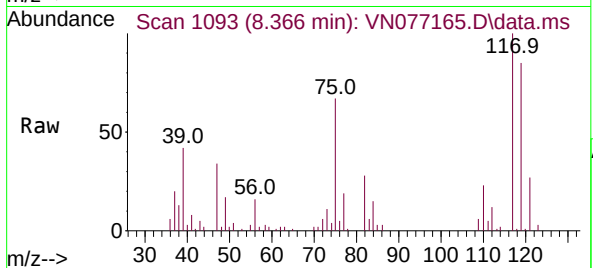
Acq: 23 Mar 2023 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010



Tgt Ion: 117 Resp: 66690

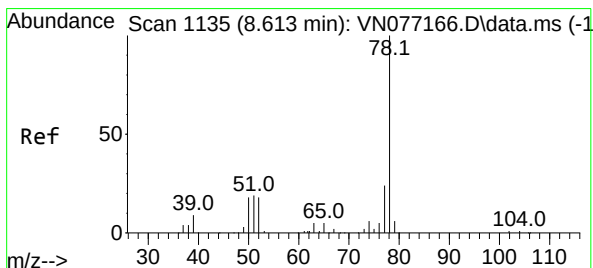
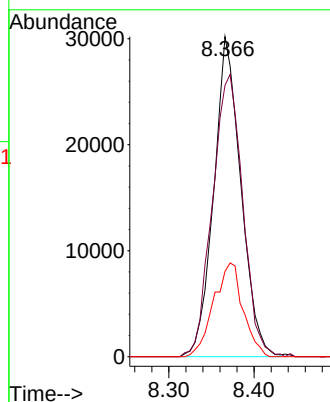
Ion	Ratio	Lower	Upper
117	100		
119	84.8	79.8	119.8
121	26.6	23.4	35.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#34

Benzene

Concen: 10.385 ug/l

RT: 8.613 min Scan# 1135

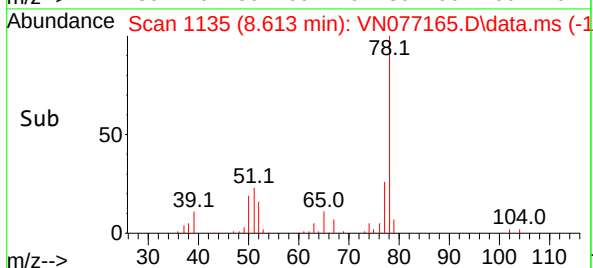
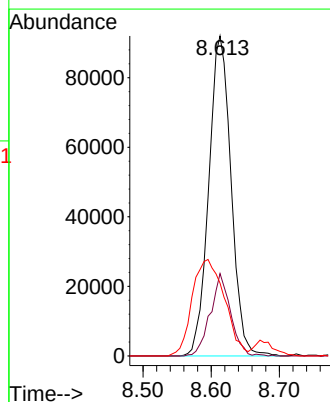
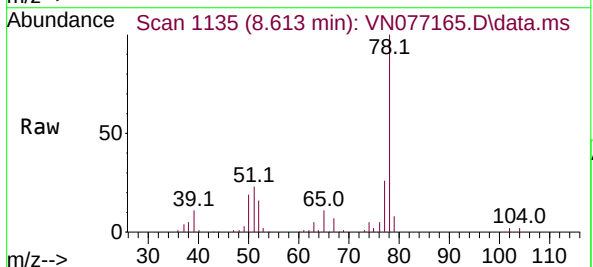
Delta R.T. -0.000 min

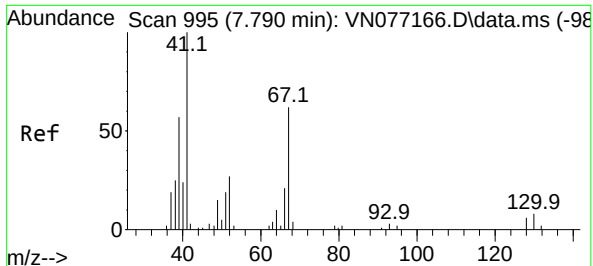
Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

Tgt Ion: 78 Resp: 209733

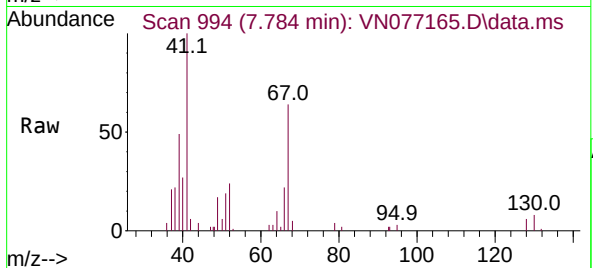
Ion	Ratio	Lower	Upper
78	100		
77	25.8	17.4	26.2
51	21.3	13.8	20.6





#35
Methacrylonitrile
Concen: 12.061 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

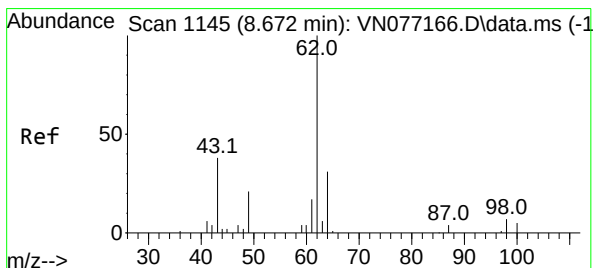
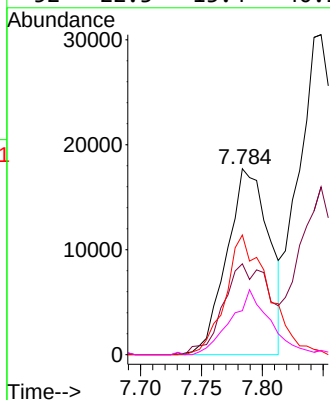
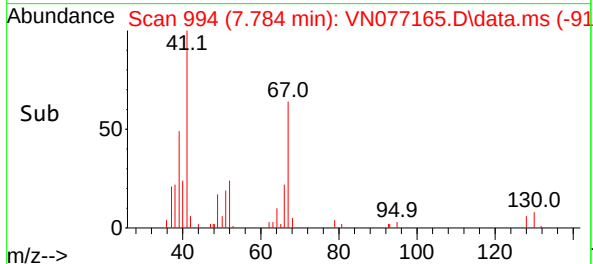
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



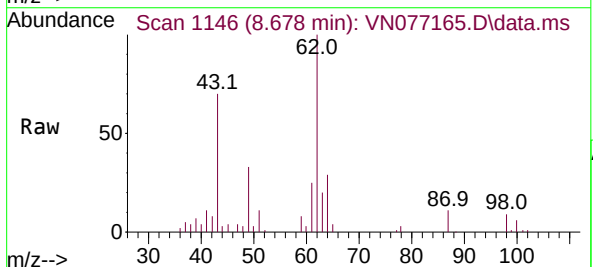
Tgt Ion: 41 Resp: 4283
Ion Ratio Lower Upper
41 100
39 48.0 26.6 79.7
67 64.4 32.3 96.9
52 22.3 13.4 40.1

Manual Integrations
APPROVED

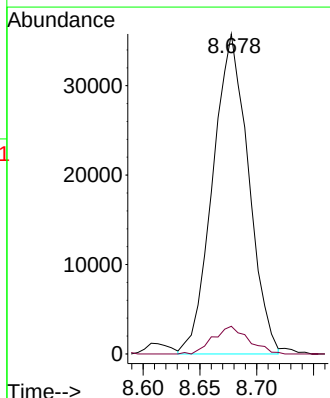
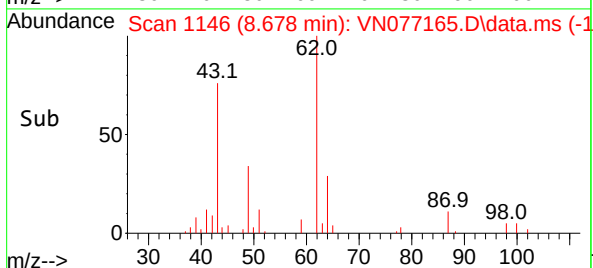
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

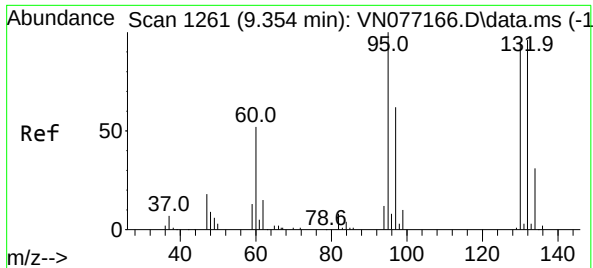


#36
1,2-Dichloroethane
Concen: 11.281 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34



Tgt Ion: 62 Resp: 78154
Ion Ratio Lower Upper
62 100
98 8.5 7.4 11.0





#37

Trichloroethene

Concen: 9.414 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:130 Resp: 45979

Ion Ratio Lower Upper

130 100

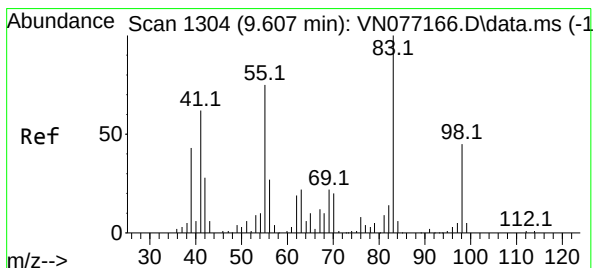
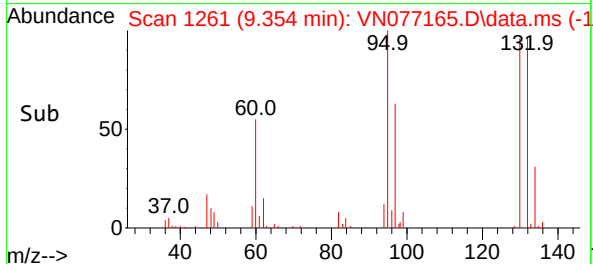
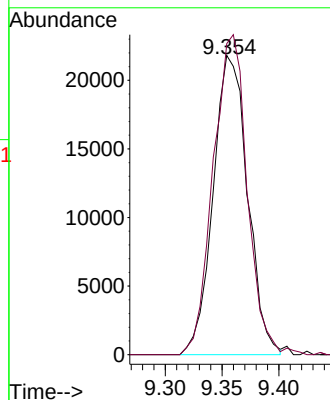
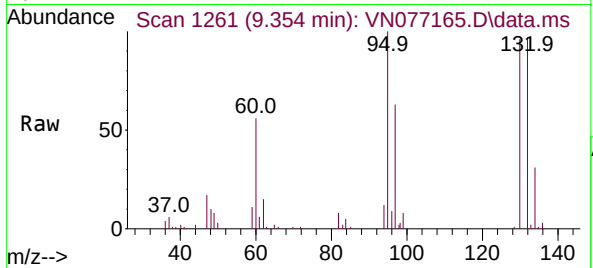
95 104.0 78.7 118.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#38

Methylcyclohexane

Concen: 8.951 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

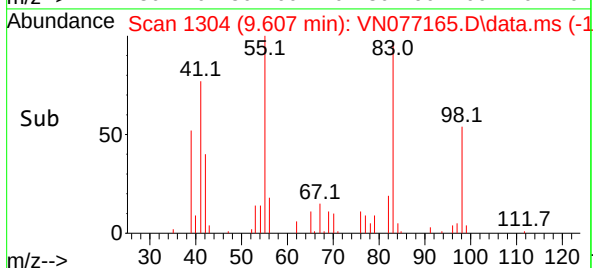
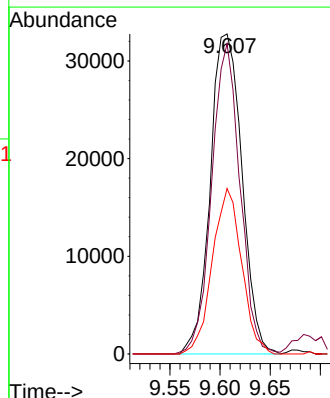
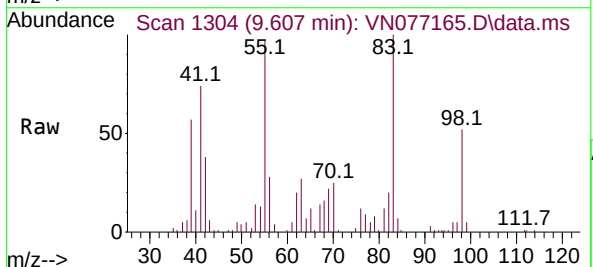
Tgt Ion: 83 Resp: 71935

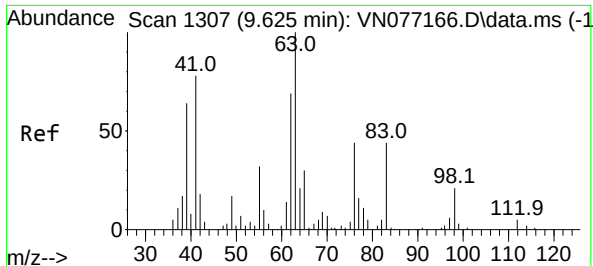
Ion Ratio Lower Upper

83 100

55 86.6 37.6 112.9

98 47.8 24.1 72.4





#39

1,2-Dichloropropane

Concen: 10.685 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 5576

Ion Ratio Lower Upper

63 100

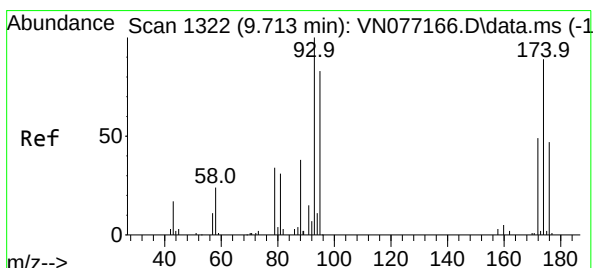
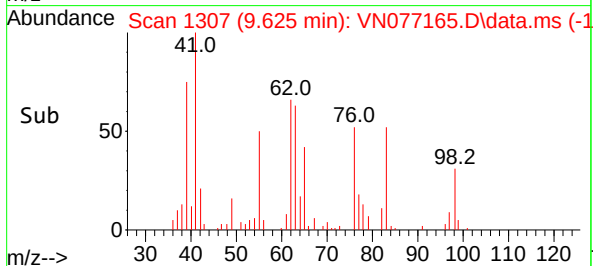
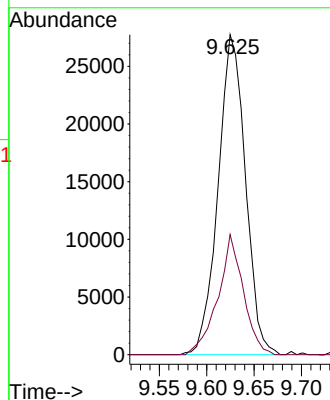
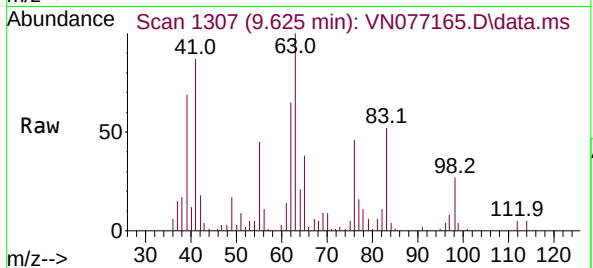
65 37.6 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#40

Dibromomethane

Concen: 11.405 ug/l

RT: 9.719 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

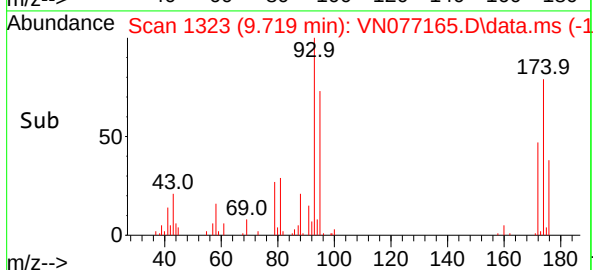
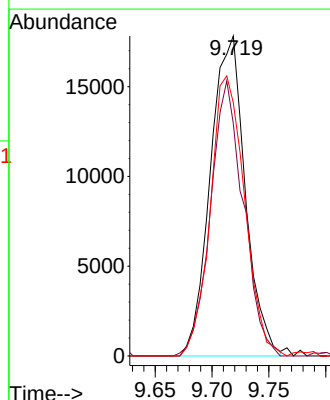
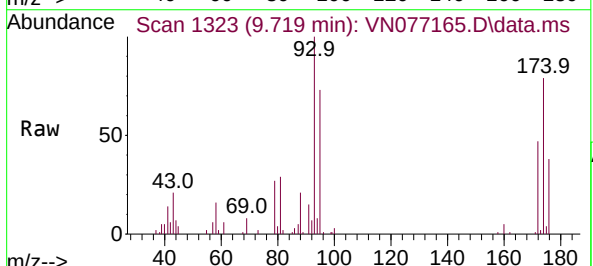
Tgt Ion: 93 Resp: 38000

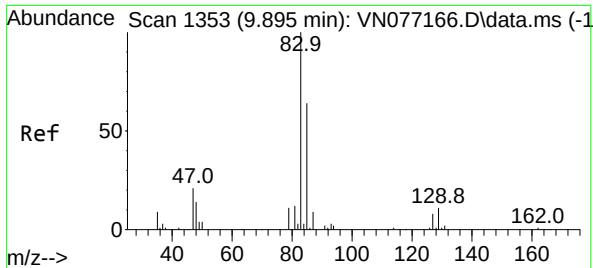
Ion Ratio Lower Upper

93 100

95 80.9 0.0 158.0

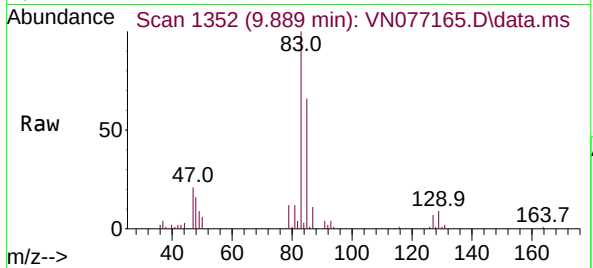
174 86.1 0.0 171.2





#41
Bromodichloromethane
Concen: 10.309 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

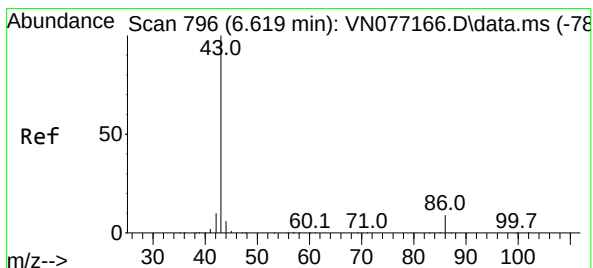
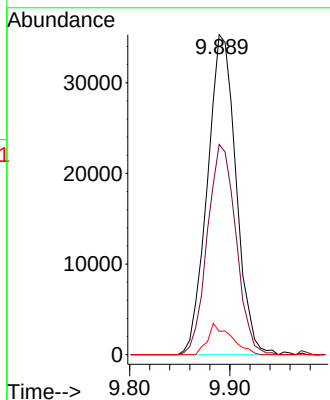
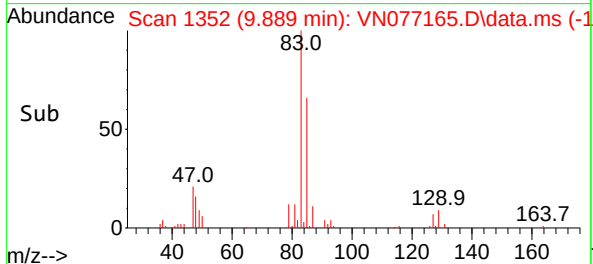
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 7018
Ion Ratio Lower Upper
83 100
85 65.7 51.0 76.4
127 7.3 6.2 9.2

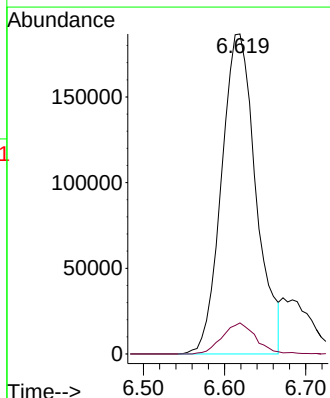
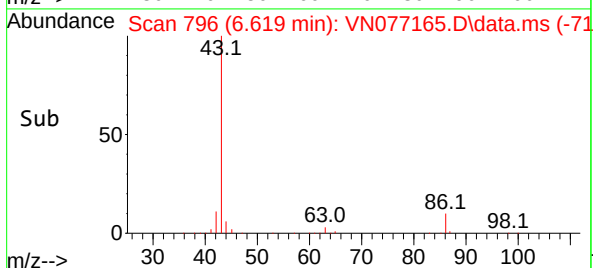
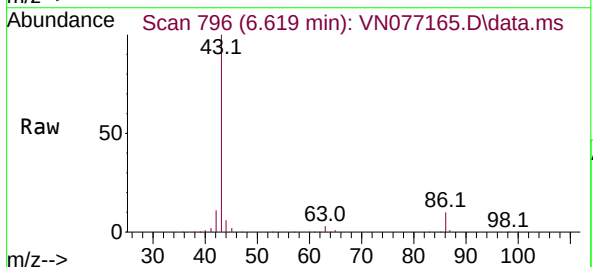
Manual Integrations
APPROVED

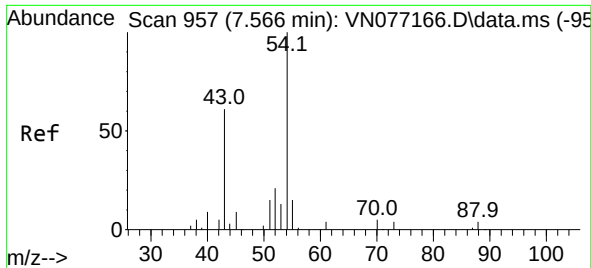
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#42
Vinyl Acetate
Concen: 56.850 ug/l
RT: 6.619 min Scan# 796
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion: 43 Resp: 551450
Ion Ratio Lower Upper
43 100
86 9.3 7.8 11.6





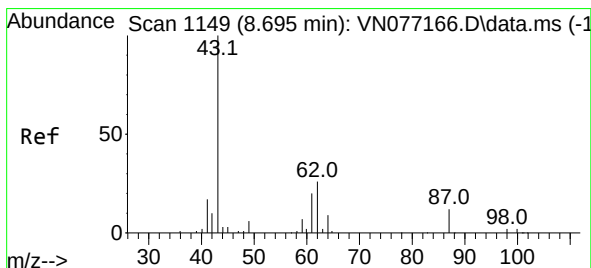
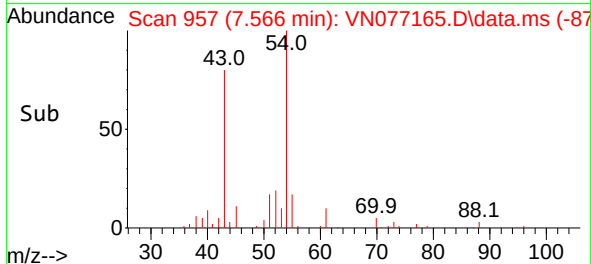
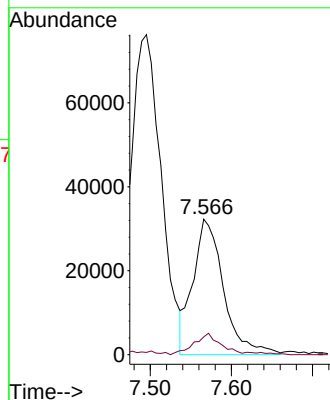
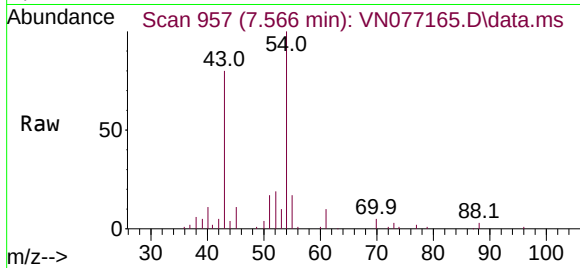
#43
Ethyl Acetate
Concen: 13.299 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 8458
Ion Ratio Lower Upper
43 100
45 13.4 11.2 16.8

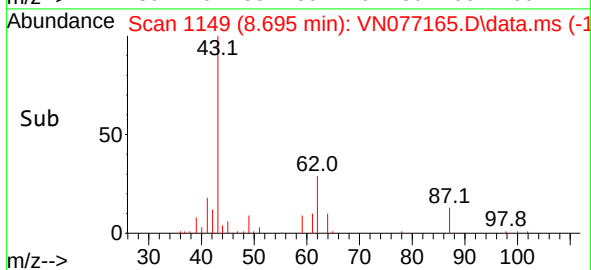
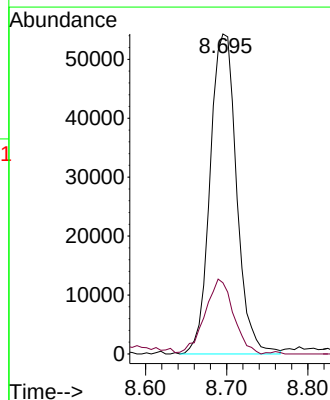
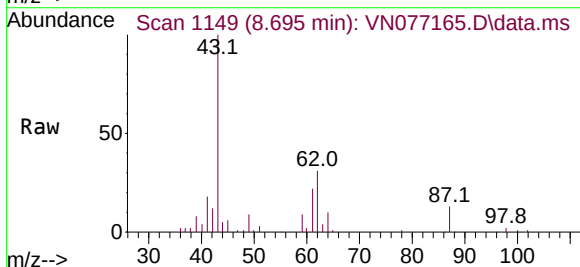
Manual Integrations
APPROVED

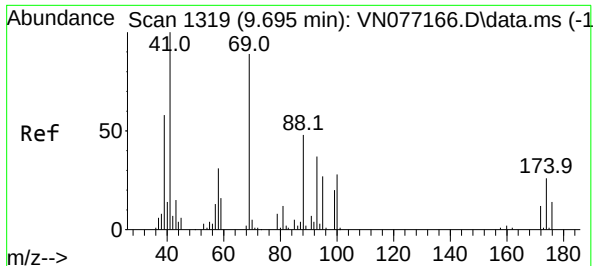
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#44
Isopropyl Acetate
Concen: 11.967 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion: 43 Resp: 123072
Ion Ratio Lower Upper
43 100
61 25.2 19.5 29.3





#45

1,4-Dioxane

Concen: 243.979 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

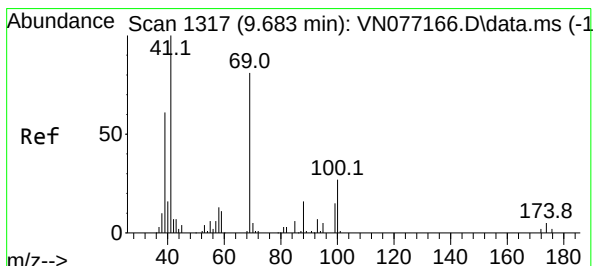
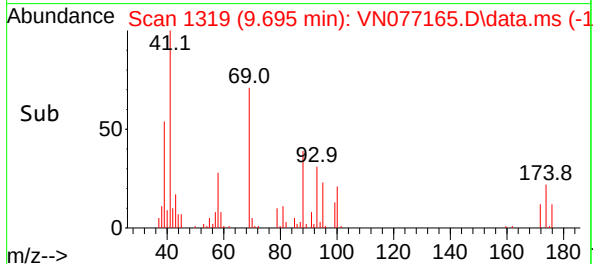
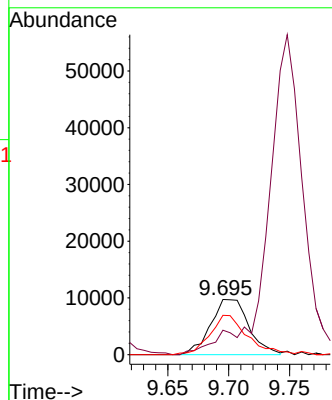
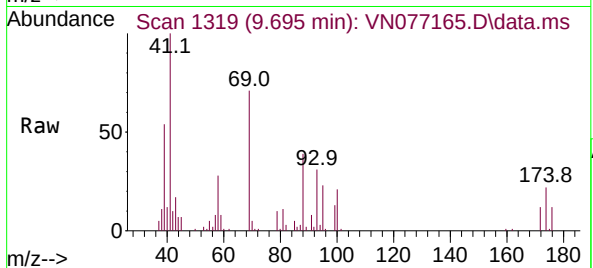
Tgt Ion: 88 Resp: 21235
 Ion Ratio Lower Upper
 88 100
 43 29.9 26.0 39.0
 58 69.8 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#46

Methyl methacrylate

Concen: 11.427 ug/l

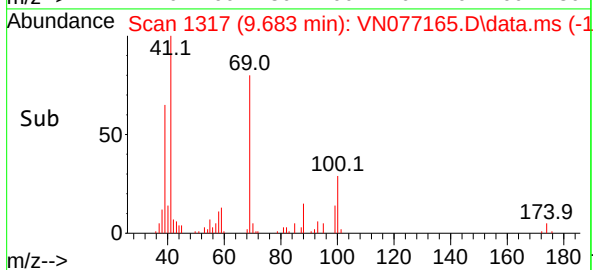
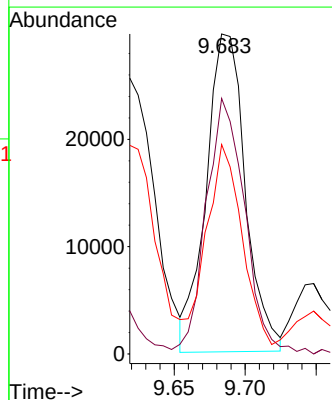
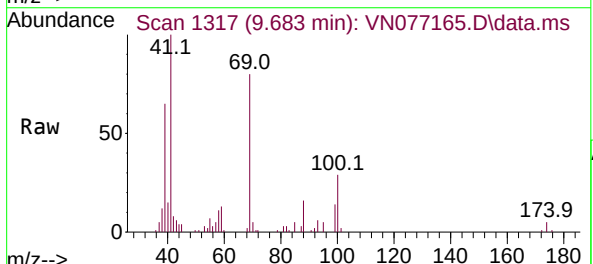
RT: 9.683 min Scan# 1317

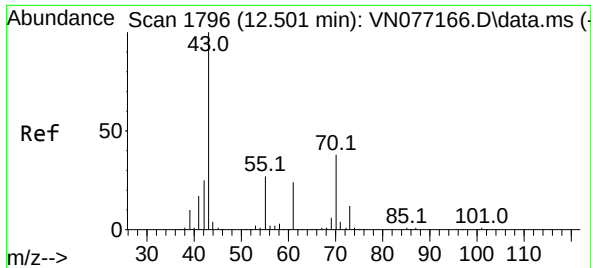
Delta R.T. -0.000 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

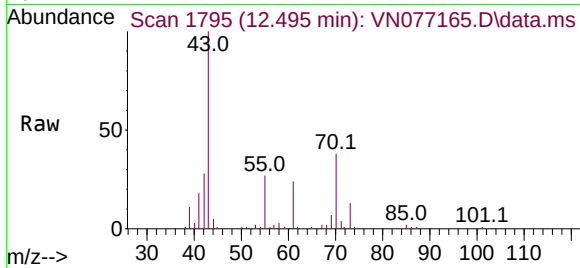
Tgt Ion: 41 Resp: 56888
 Ion Ratio Lower Upper
 41 100
 69 81.7 40.6 121.7
 39 64.3 30.5 91.5





#47
n-amy1 Acetate
Concen: 11.091 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

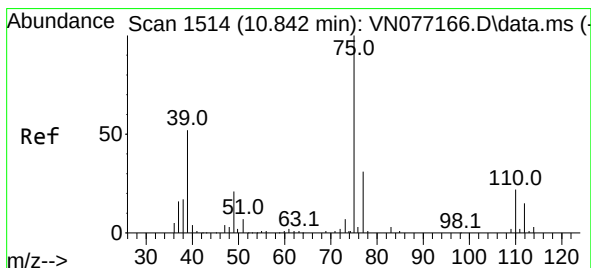
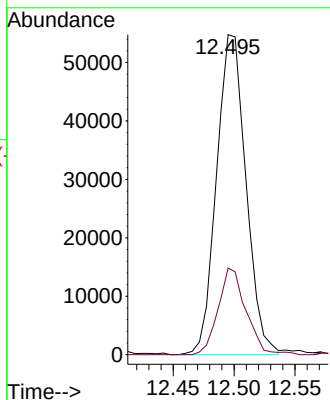
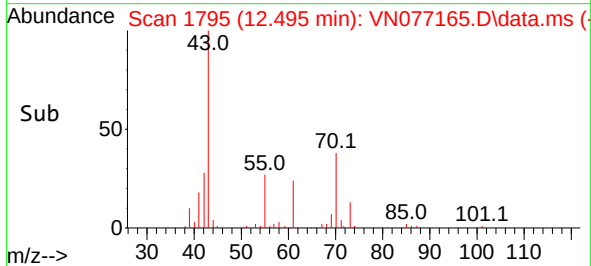
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 9229
Ion Ratio Lower Upper
43 100
55 25.5 18.3 27.5

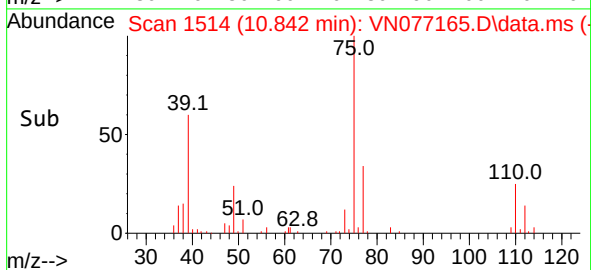
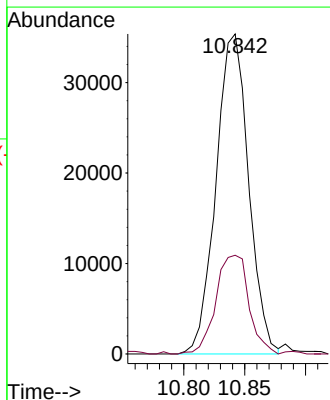
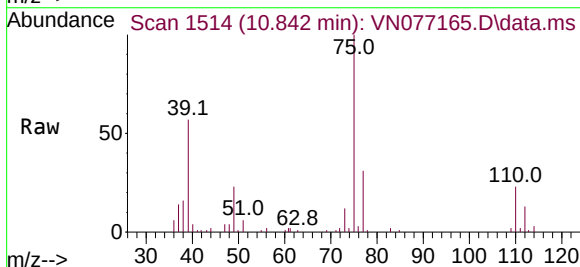
Manual Integrations
APPROVED

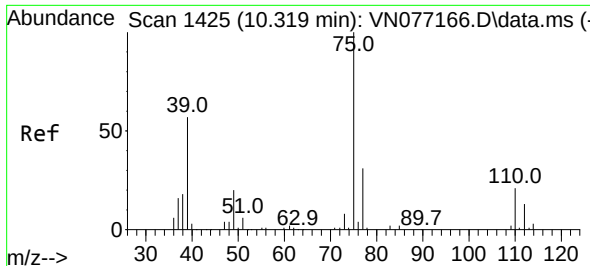
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#48
t-1,3-Dichloropropene
Concen: 9.708 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

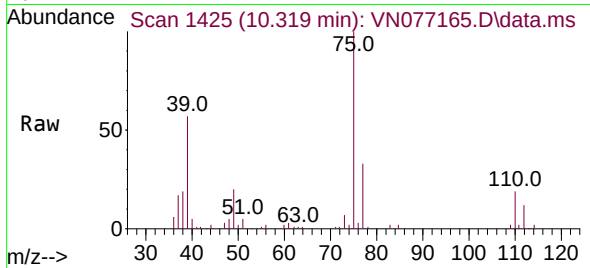
Tgt Ion: 75 Resp: 65938
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2





#49
 cis-1,3-Dichloropropene
 Concen: 9.746 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VN077165.D
 Acq: 23 Mar 2023 22:34

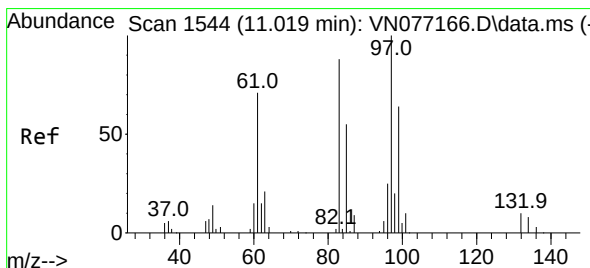
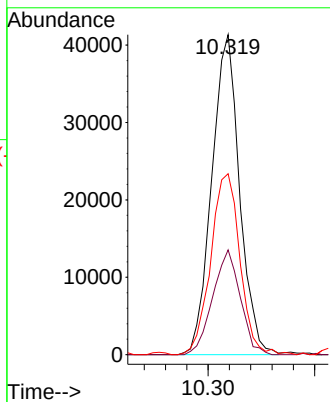
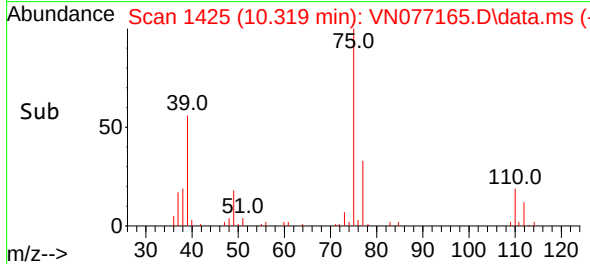
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 75 Resp: 74772
 Ion Ratio Lower Upper
 75 100
 77 32.7 27.5 41.3
 39 56.5 43.5 65.3

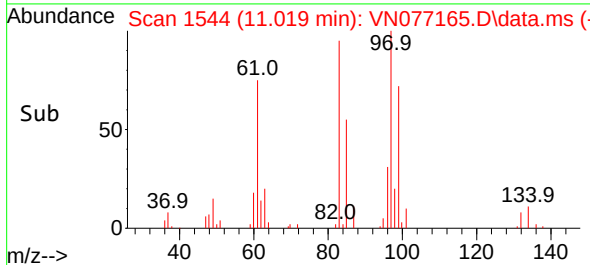
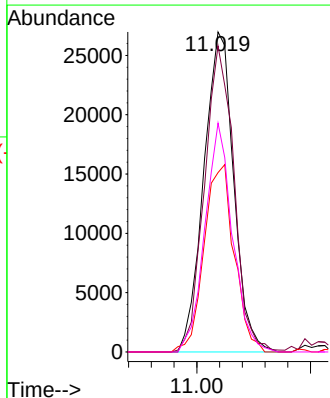
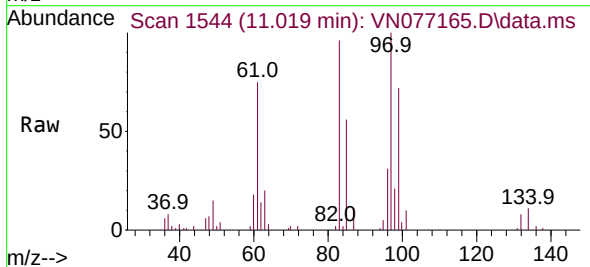
Manual Integrations
 APPROVED

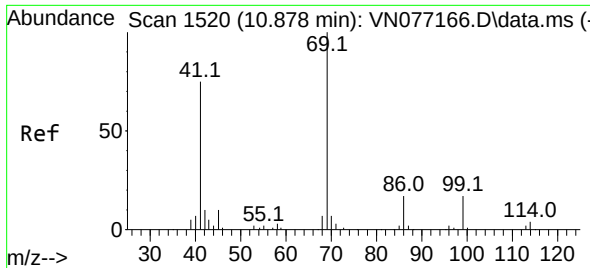
Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#50
 1,1,2-Trichloroethane
 Concen: 10.145 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077165.D
 Acq: 23 Mar 2023 22:34

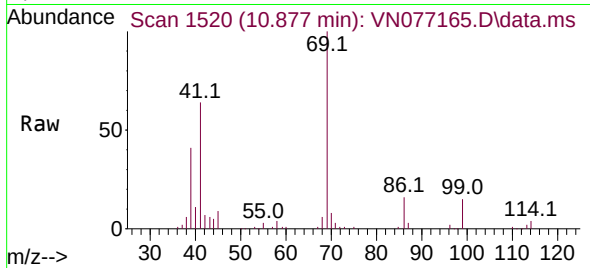
Tgt Ion: 97 Resp: 49377
 Ion Ratio Lower Upper
 97 100
 83 95.1 71.0 106.4
 85 56.0 45.5 68.3
 99 71.5 51.4 77.2





#51
Ethyl methacrylate
Concen: 9.620 ug/l
RT: 10.877 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

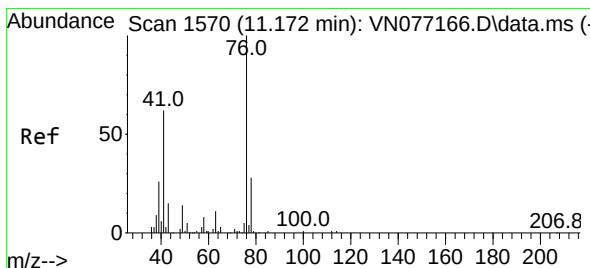
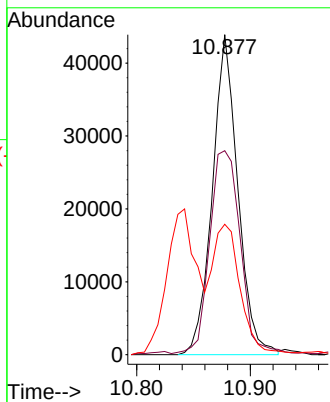
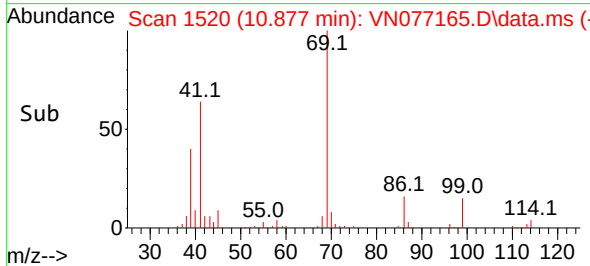
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 69 Resp: 68479
Ion Ratio Lower Upper
69 100
41 63.0 36.3 108.7
39 39.6 19.9 59.7

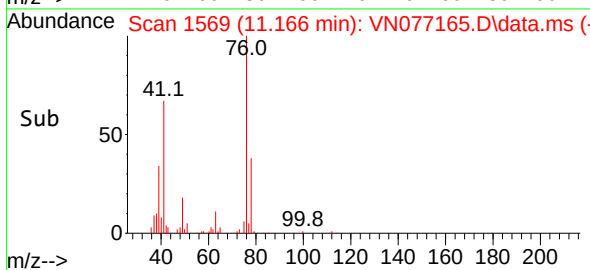
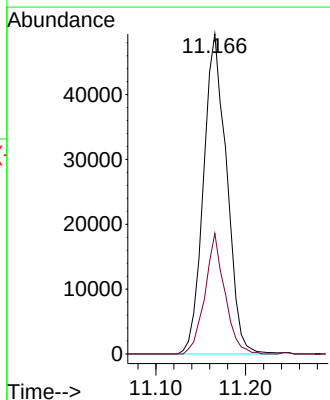
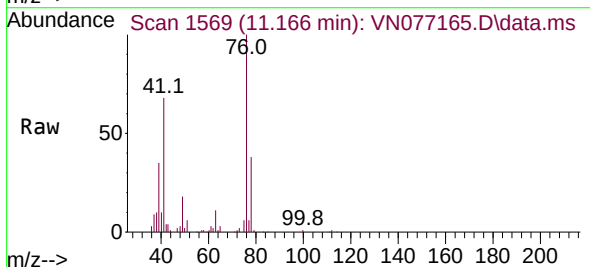
Manual Integrations
APPROVED

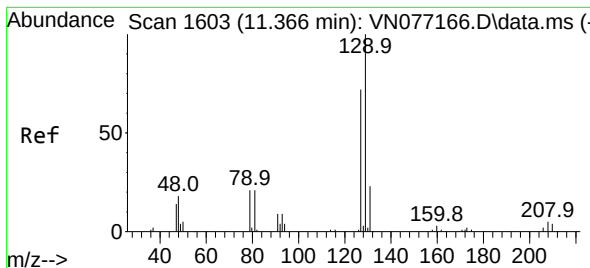
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#52
1,3-Dichloropropane
Concen: 10.573 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion: 76 Resp: 88590
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4





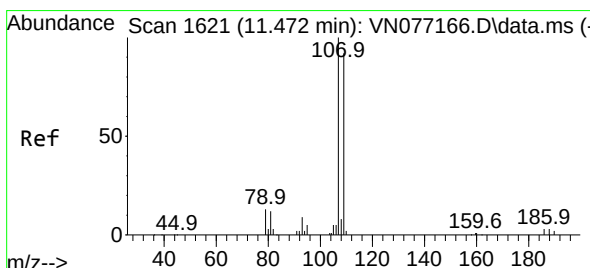
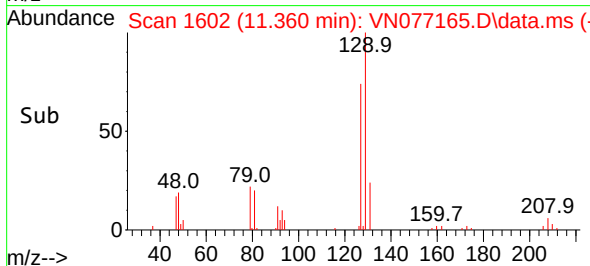
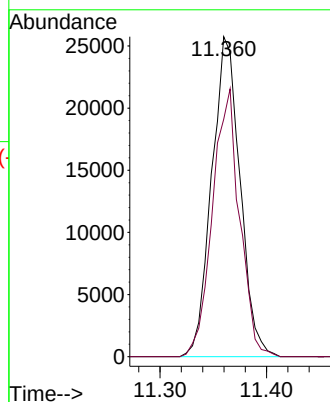
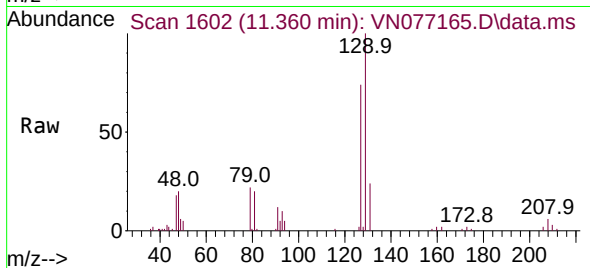
#53
Dibromochloromethane
Concen: 9.650 ug/l
RT: 11.360 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:129 Resp: 47572
Ion Ratio Lower Upper
129 100
127 80.0 39.4 118.1

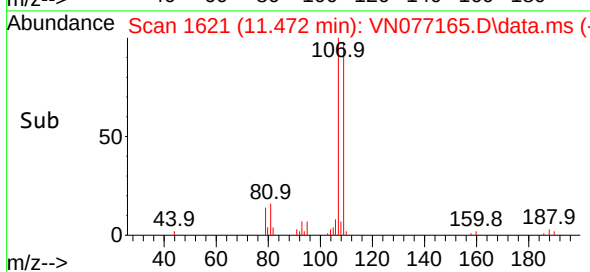
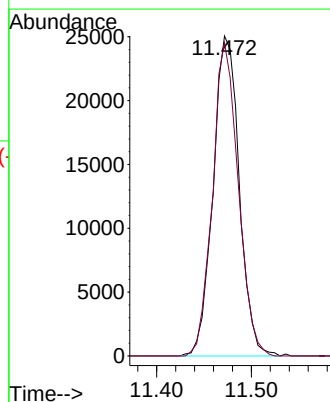
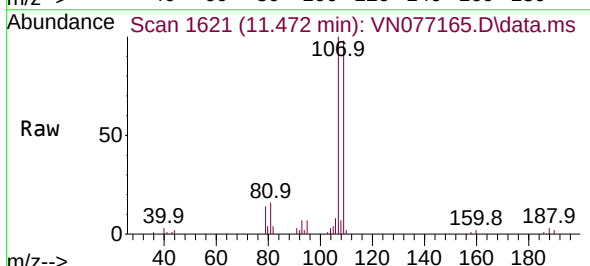
Manual Integrations
APPROVED

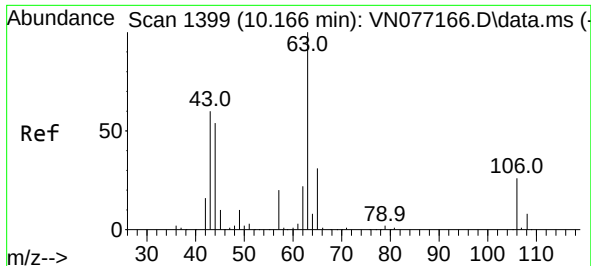
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#54
1,2-Dibromoethane
Concen: 10.245 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion:107 Resp: 47969
Ion Ratio Lower Upper
107 100
109 96.5 74.6 112.0





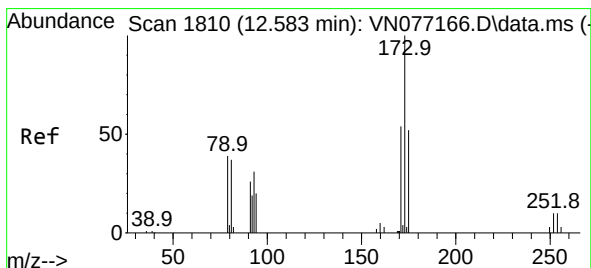
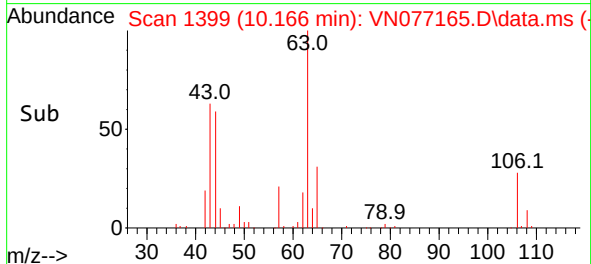
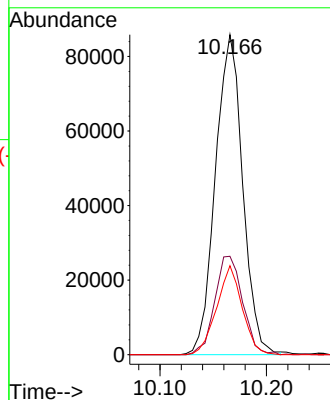
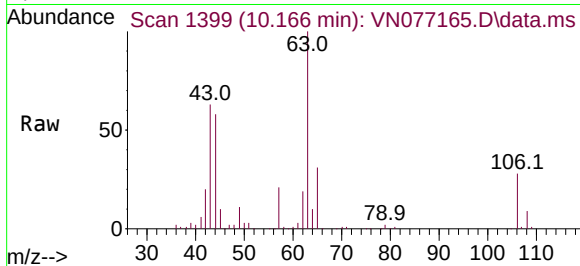
#55
2-Chloroethyl vinyl ether
Concen: 58.782 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 63 Resp: 152570
Ion Ratio Lower Upper
63 100
65 31.4 26.3 39.5
106 26.0 21.6 32.4

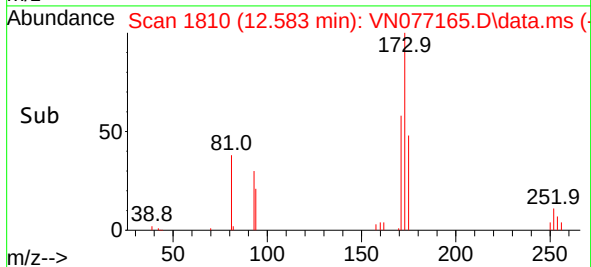
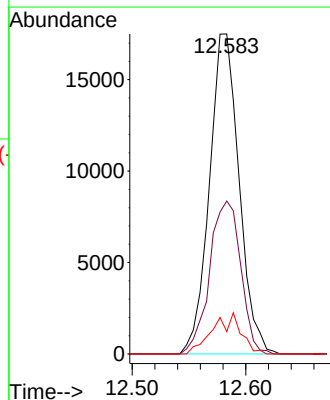
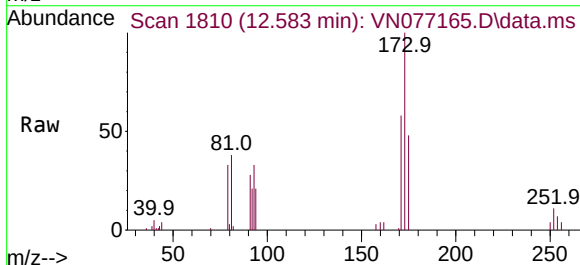
Manual Integrations
APPROVED

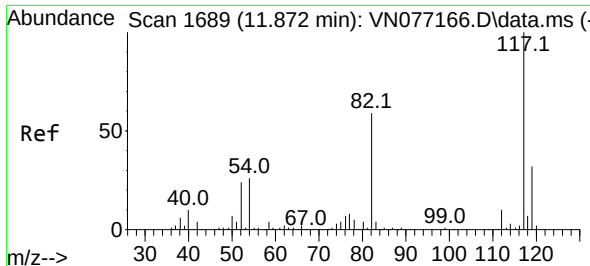
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#56
Bromoform
Concen: 9.684 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion:173 Resp: 31824
Ion Ratio Lower Upper
173 100
175 50.0 37.8 56.6
254 5.1 7.3 10.9#





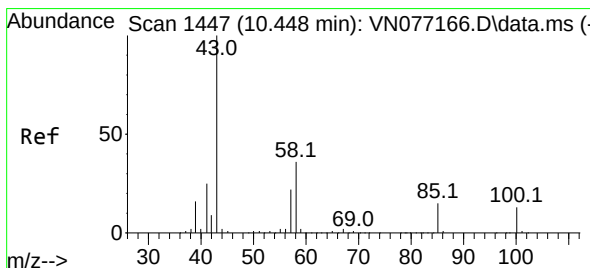
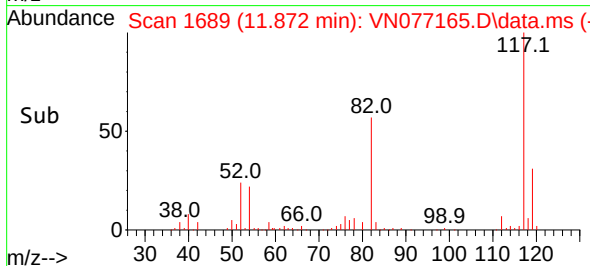
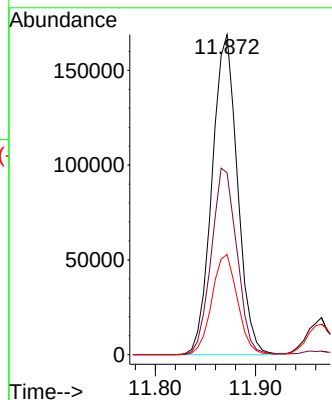
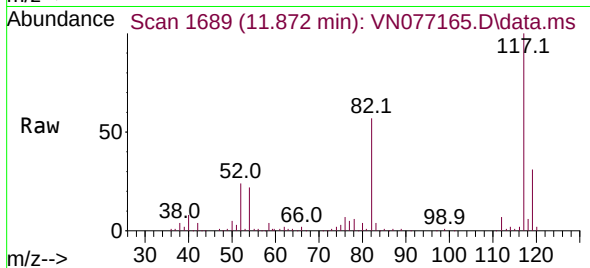
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:117 Resp: 29745
Ion Ratio Lower Upper
117 100
82 58.9 45.4 68.0
119 31.6 26.8 40.2

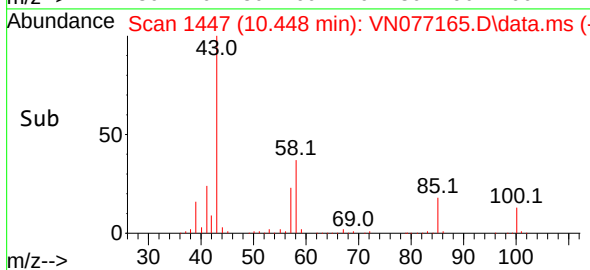
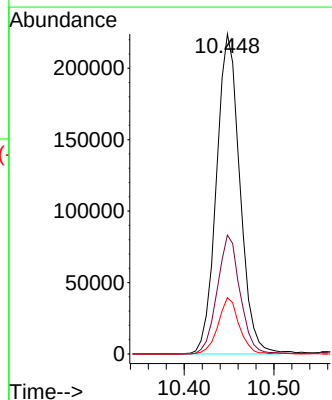
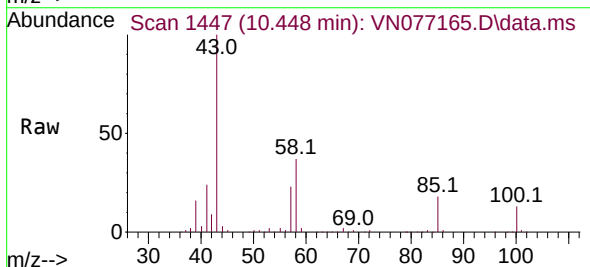
Manual Integrations
APPROVED

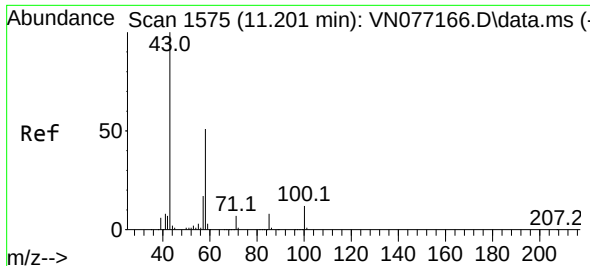
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#58
4-Methyl-2-Pentanone
Concen: 62.869 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

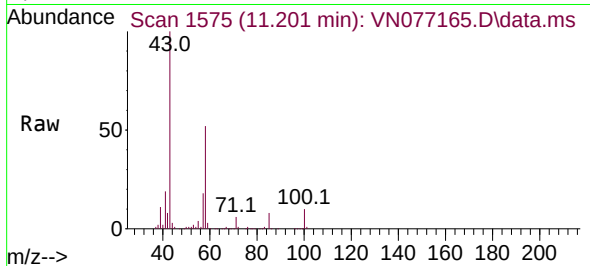
Tgt Ion: 43 Resp: 406381
Ion Ratio Lower Upper
43 100
58 36.3 28.6 42.8
85 15.8 11.8 17.8





#59
2-Hexanone
Concen: 63.458 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

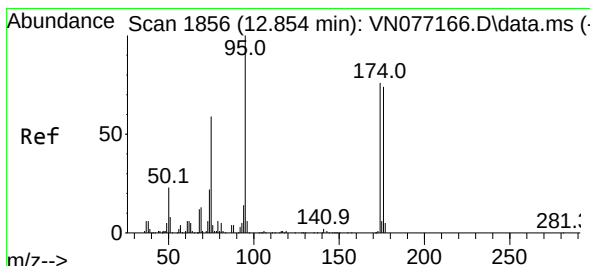
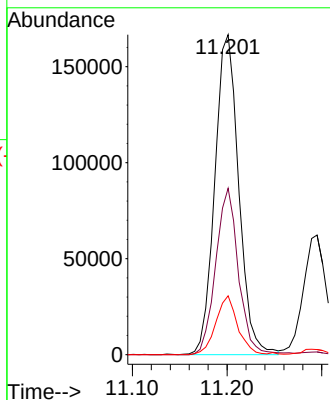
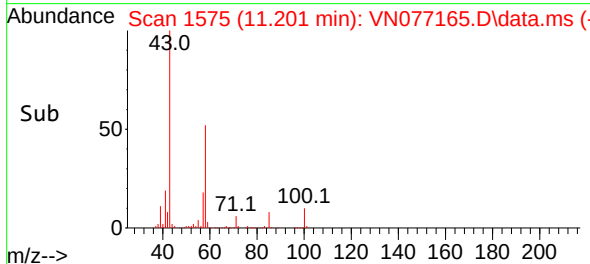
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 292869
Ion Ratio Lower Upper
43 100
58 49.2 40.6 60.8
57 16.8 13.1 19.7

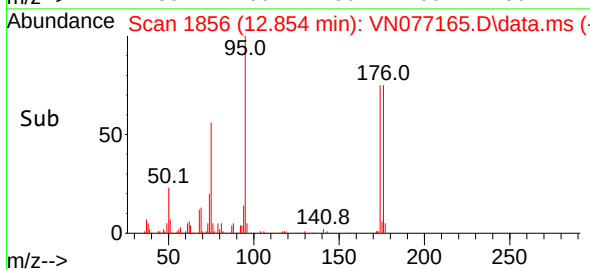
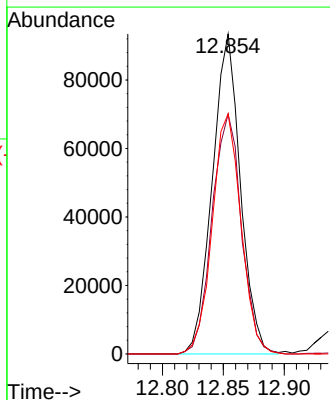
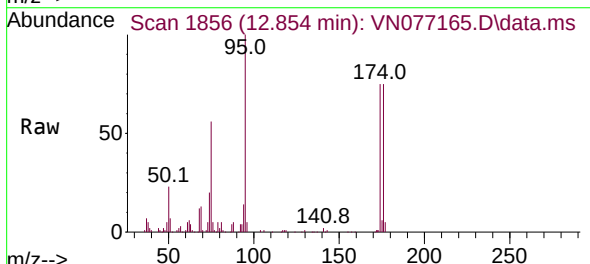
Manual Integrations
APPROVED

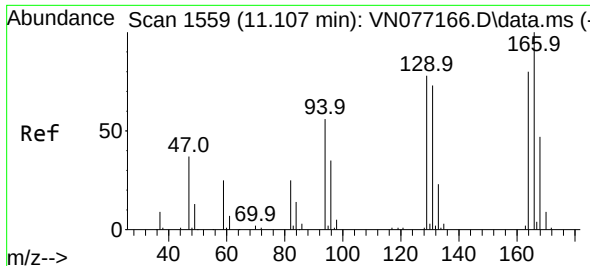
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#60
4-Bromofluorobenzene
Concen: 26.932 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

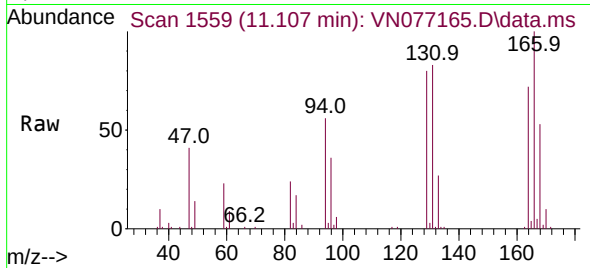
Tgt Ion: 95 Resp: 149890
Ion Ratio Lower Upper
95 100
174 78.3 64.2 96.4
176 76.8 61.4 92.0





#61
Tetrachloroethene
Concen: 8.104 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

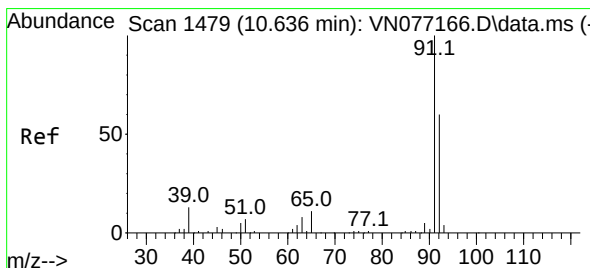
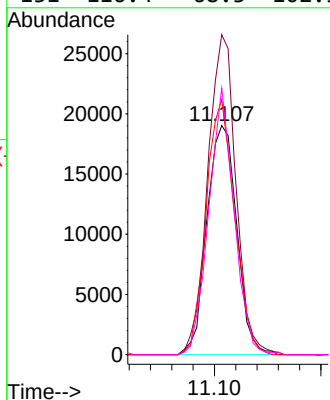
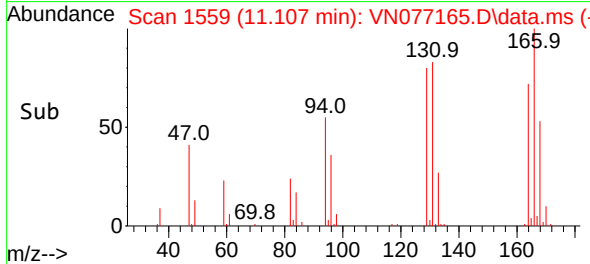
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



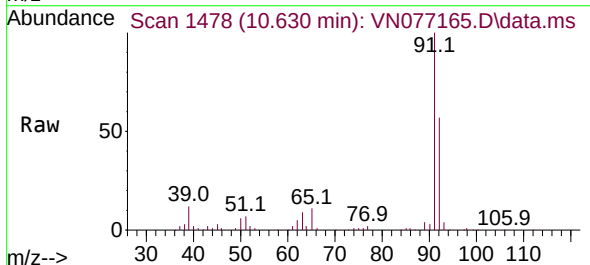
Tgt Ion:164 Resp: 37140
Ion Ratio Lower Upper
164 100
166 139.7 96.2 144.2
129 111.3 78.2 117.4
131 116.4 68.3 102.5#

Manual Integrations
APPROVED

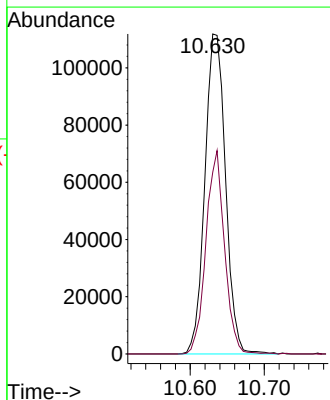
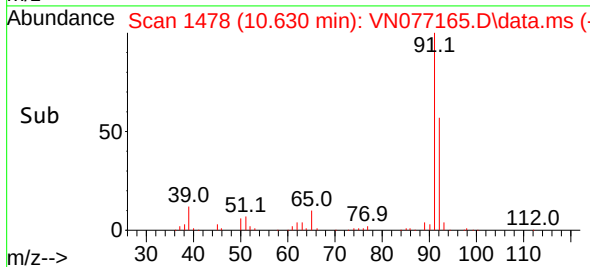
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

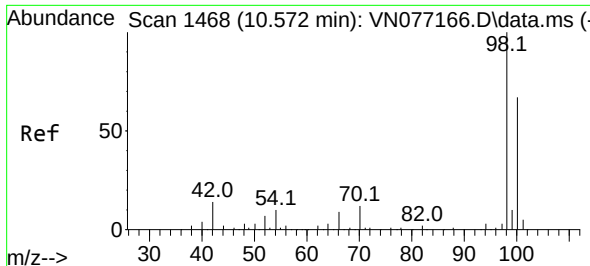


#62
Toluene
Concen: 10.342 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34



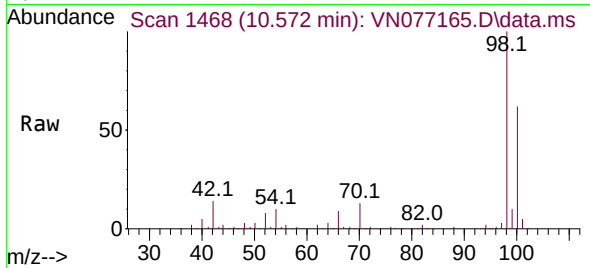
Tgt Ion: 91 Resp: 216586
Ion Ratio Lower Upper
91 100
92 57.1 46.3 69.5





#63
Toluene-d8
Concen: 31.026 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

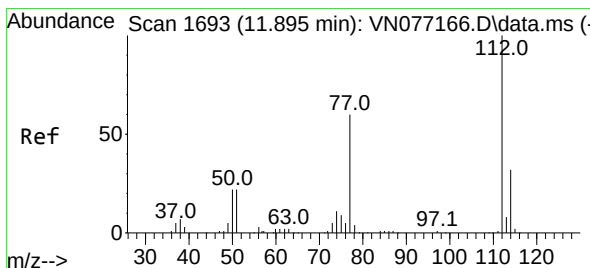
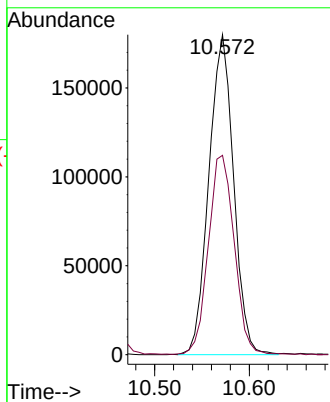
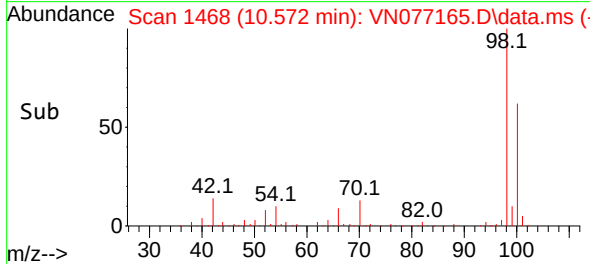
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



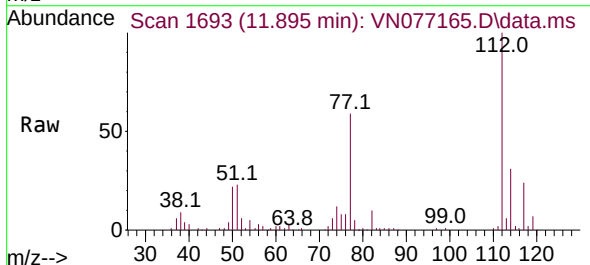
Tgt Ion: 98 Resp: 326697
Ion Ratio Lower Upper
98 100
100 65.5 53.8 80.6

Manual Integrations
APPROVED

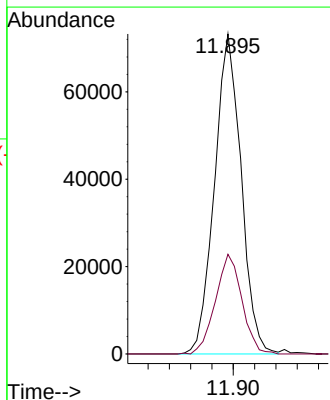
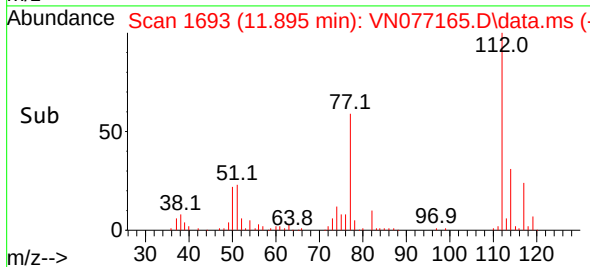
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

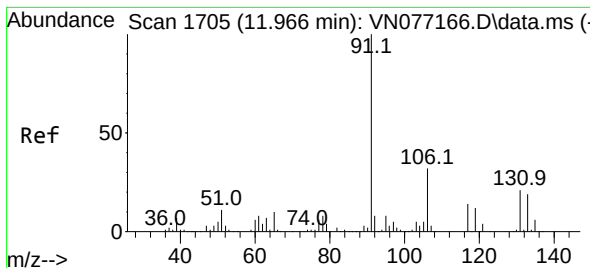


#64
Chlorobenzene
Concen: 10.334 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34



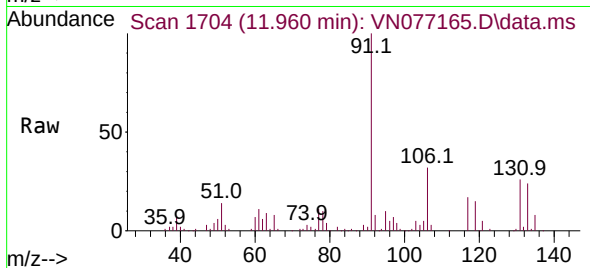
Tgt Ion:112 Resp: 127059
Ion Ratio Lower Upper
112 100
114 31.2 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 10.108 ug/l
RT: 11.960 min Scan# 1196
Delta R.T. -0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

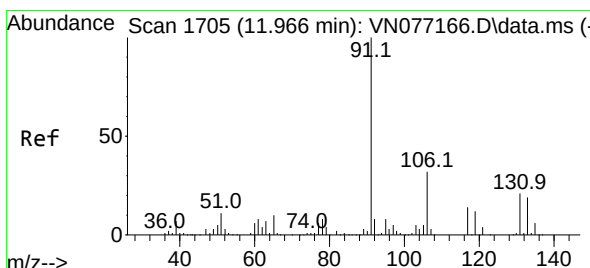
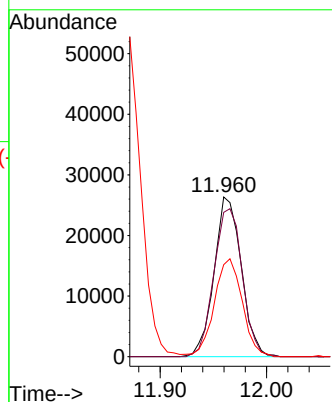
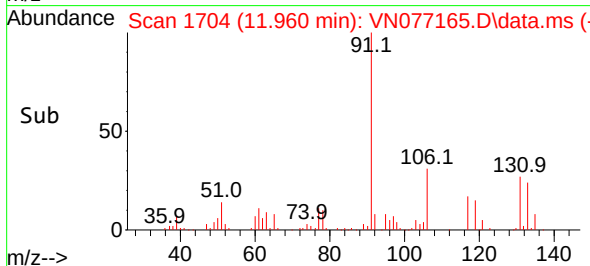
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:131 Resp: 4680
Ion Ratio Lower Upper
131 100
133 96.6 0.0 197.6
119 62.9 0.0 127.8

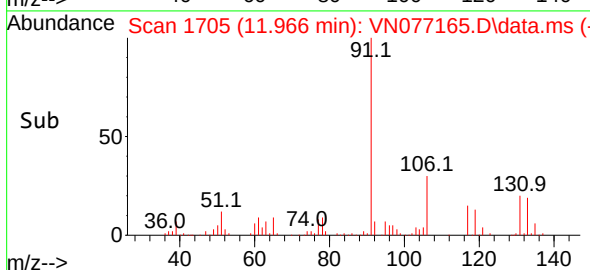
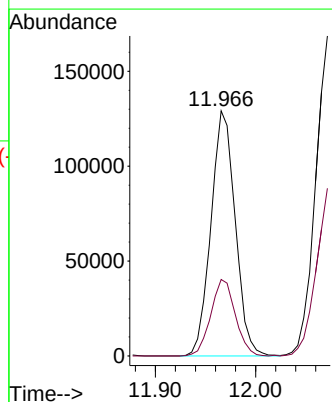
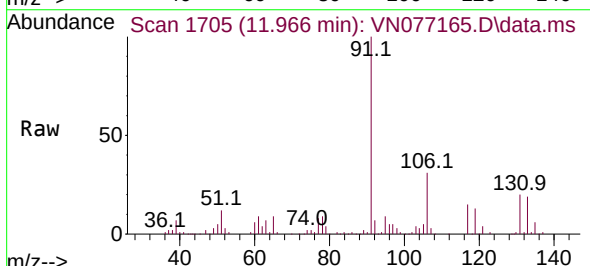
Manual Integrations
APPROVED

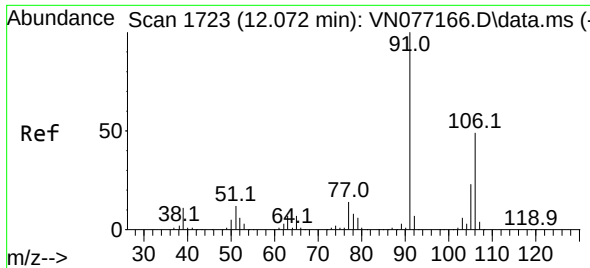
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#66
Ethyl Benzene
Concen: 9.611 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion: 91 Resp: 217221
Ion Ratio Lower Upper
91 100
106 31.2 23.8 35.8





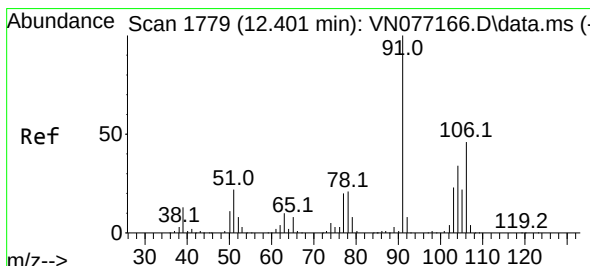
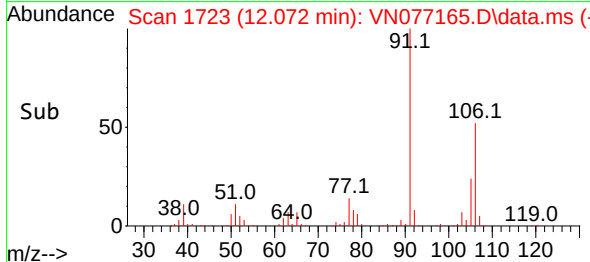
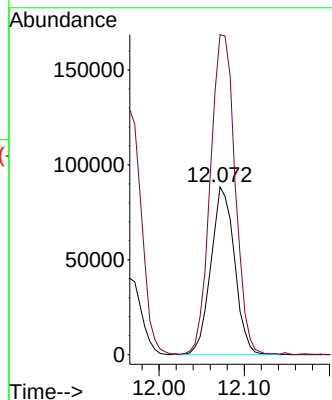
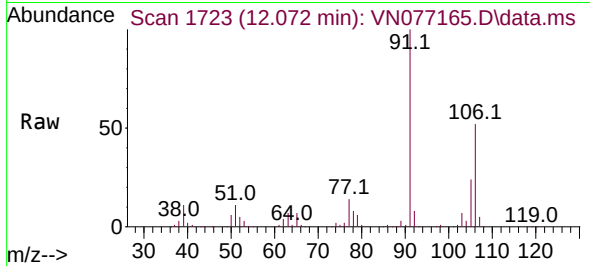
#67
m/p-Xylenes
Concen: 19.908 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 170360
Ion Ratio Lower Upper
106 100
91 199.9 157.4 236.2

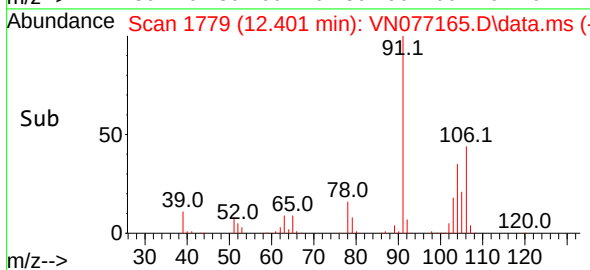
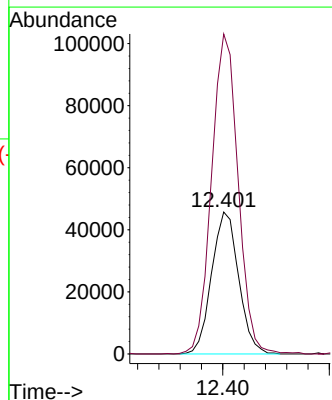
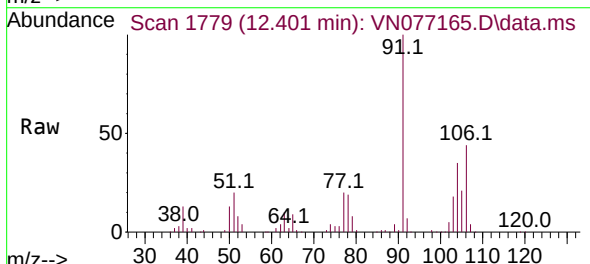
Manual Integrations
APPROVED

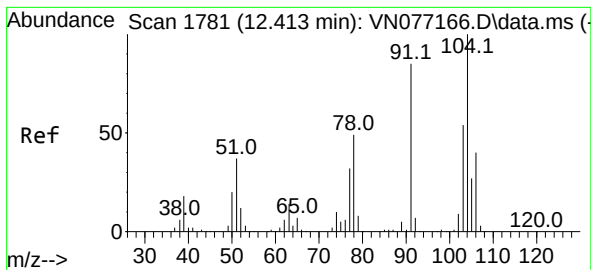
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#68
o-Xylene
Concen: 9.621 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion:106 Resp: 80436
Ion Ratio Lower Upper
106 100
91 221.5 107.2 321.6





#69

Styrene

Concen: 9.596 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

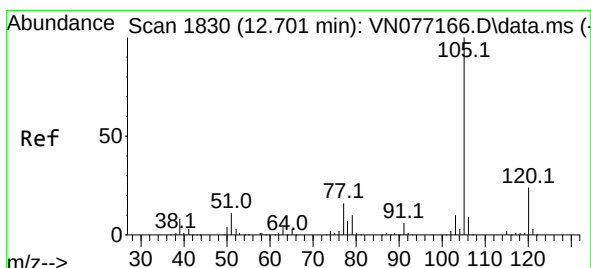
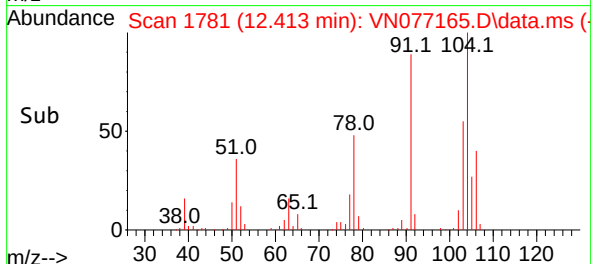
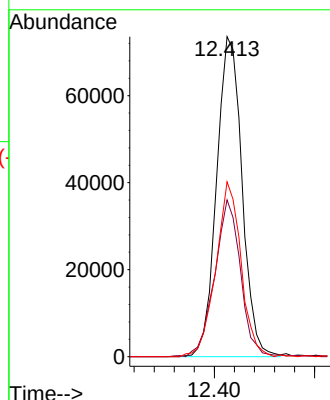
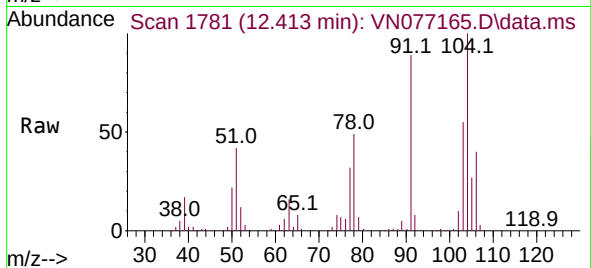
Tgt Ion:104 Resp: 129395
 Ion Ratio Lower Upper
 104 100
 78 49.6 39.6 59.4
 103 54.0 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#70

Isopropylbenzene

Concen: 9.520 ug/l

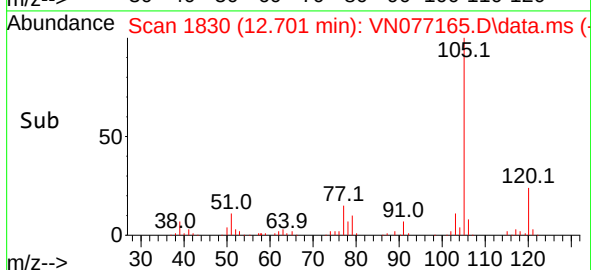
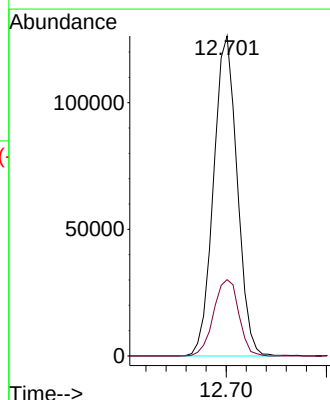
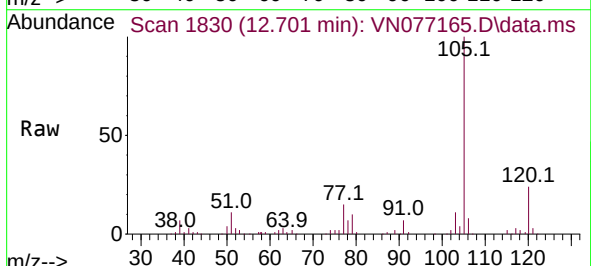
RT: 12.701 min Scan# 1830

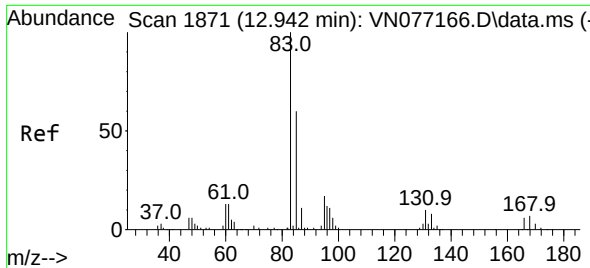
Delta R.T. -0.000 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

Tgt Ion:105 Resp: 206753
 Ion Ratio Lower Upper
 105 100
 120 25.3 19.0 35.2





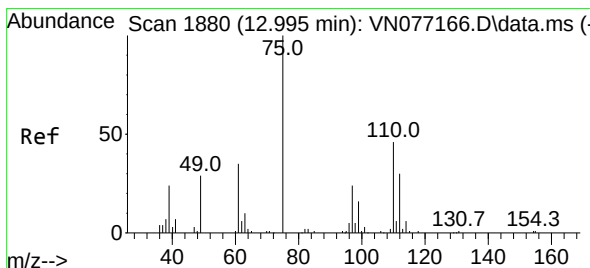
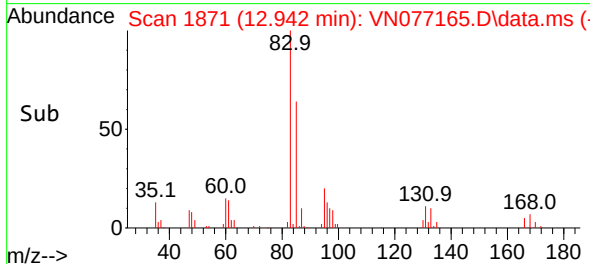
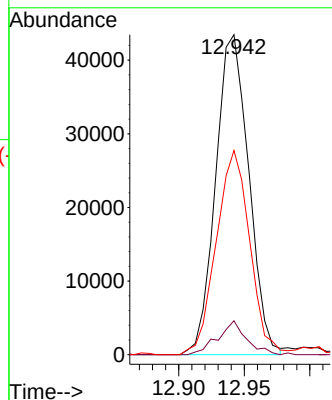
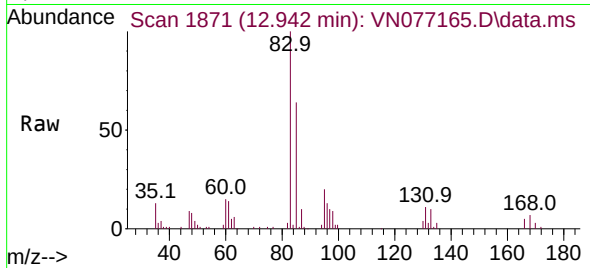
#71
1,1,2,2-Tetrachloroethane
Concen: 11.308 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument : MSVOA_N
ClientSampleId : VSTDIC010

Tgt Ion: 83 Resp: 7634
Ion Ratio Lower Upper
83 100
131 9.1 5.0 14.9
85 64.6 32.3 96.9

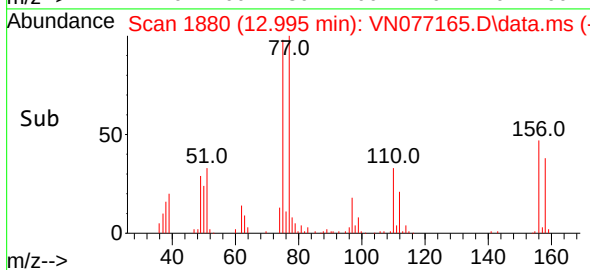
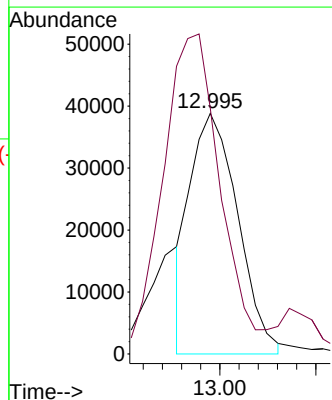
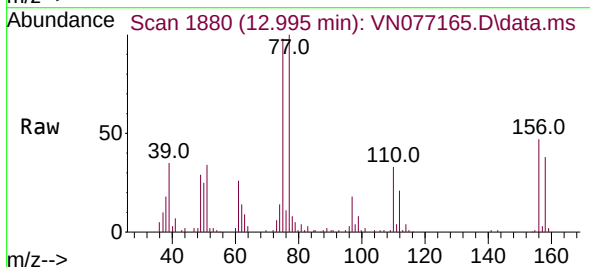
Manual Integrations
APPROVED

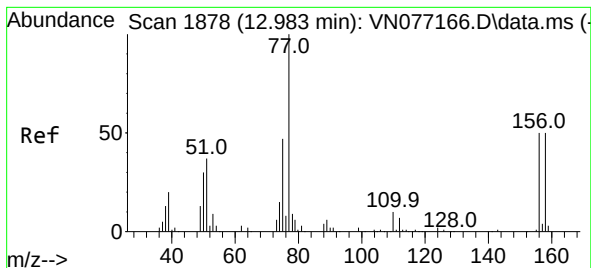
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#72
1,2,3-Trichloropropane
Concen: 10.833 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion: 75 Resp: 67266
Ion Ratio Lower Upper
75 100
77 158.9 0.0 332.6





#73

Bromobenzene

Concen: 9.610 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

Instrument :

MSVOA_N

ClientSampleId :

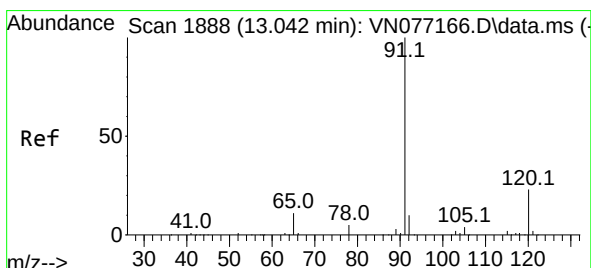
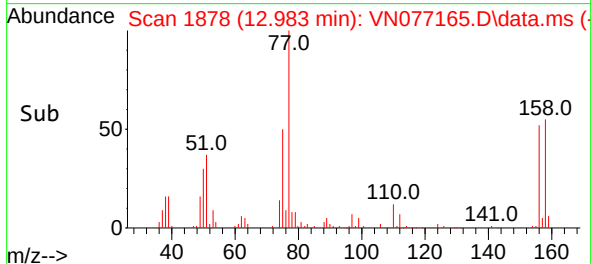
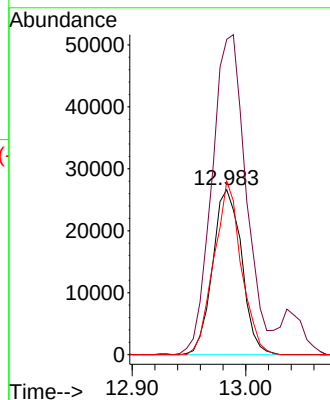
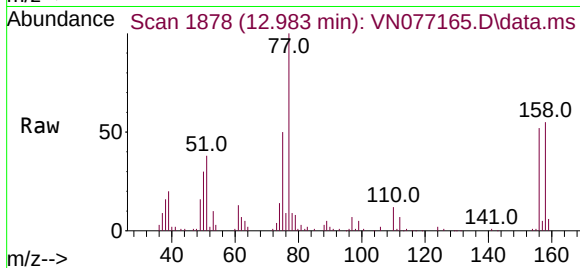
VSTDICC010

Tgt Ion:156 Resp: 47311
 Ion Ratio Lower Upper
 156 100
 77 225.9 0.0 423.0
 158 99.1 0.0 188.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#74

n-propylbenzene

Concen: 9.430 ug/l

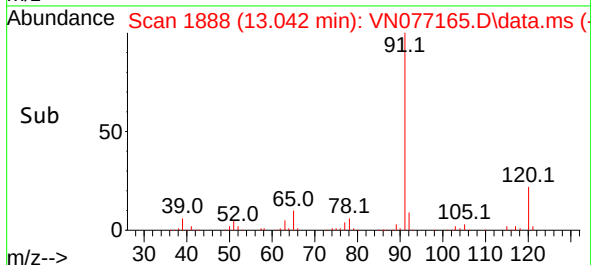
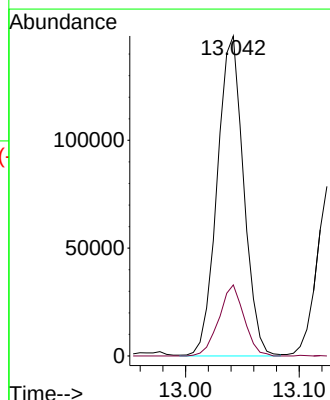
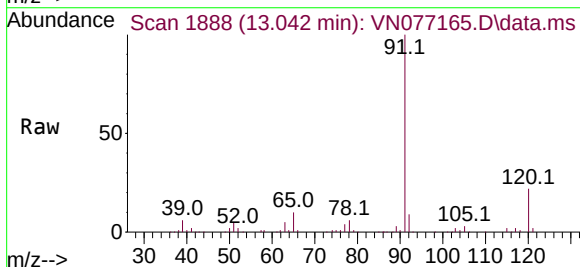
RT: 13.042 min Scan# 1888

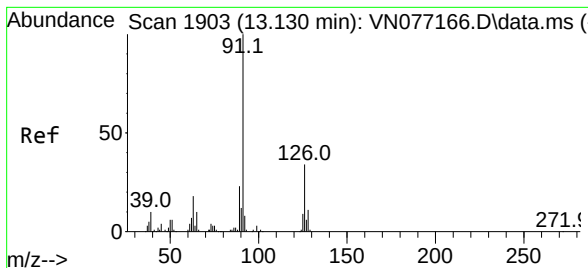
Delta R.T. -0.000 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

Tgt Ion: 91 Resp: 240186
 Ion Ratio Lower Upper
 91 100
 120 21.1 0.0 44.0





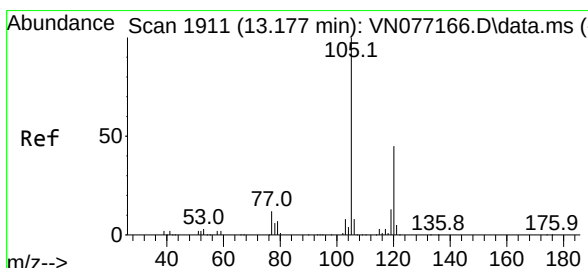
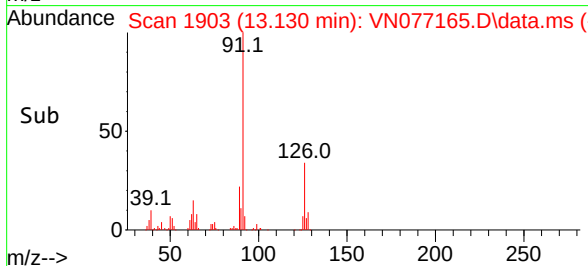
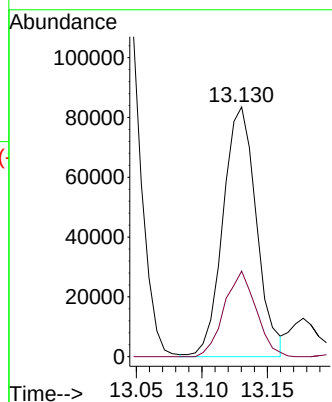
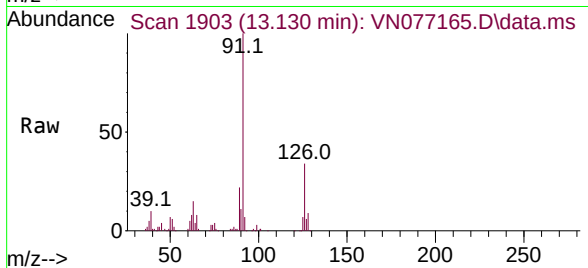
#75
2-Chlorotoluene
Concen: 9.395 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 14809
Ion Ratio Lower Upper
91 100
126 32.6 0.0 66.4

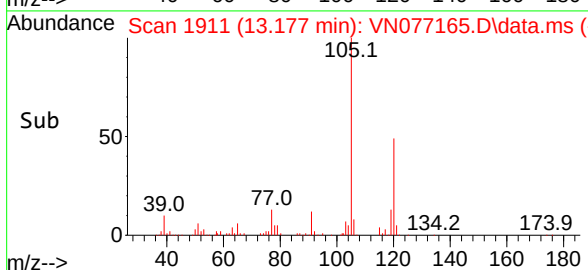
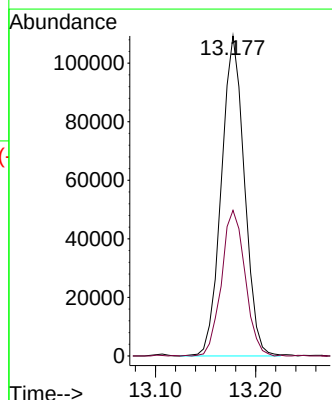
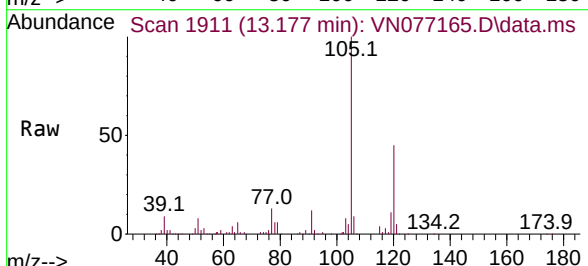
Manual Integrations
APPROVED

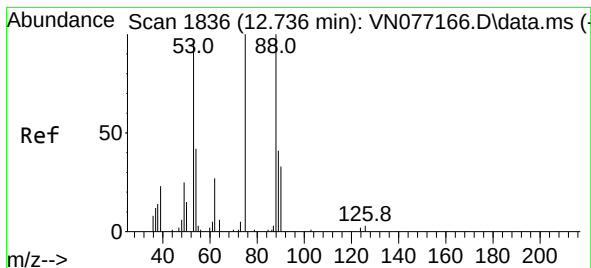
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 9.311 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion:105 Resp: 174423
Ion Ratio Lower Upper
105 100
120 46.5 0.0 103.2





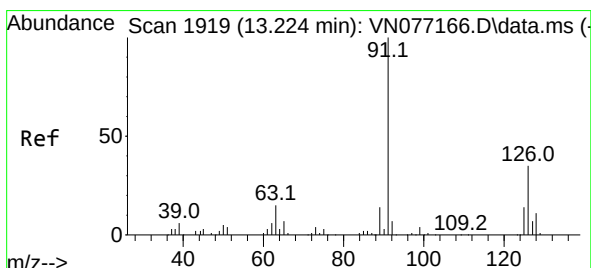
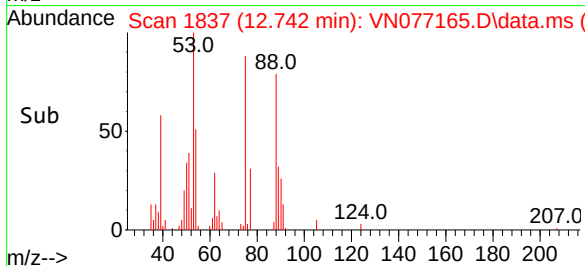
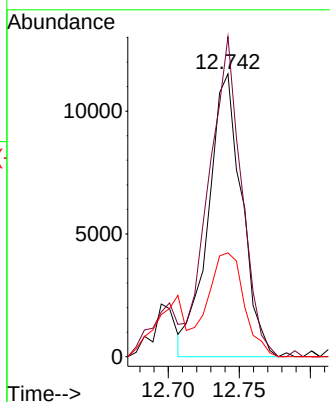
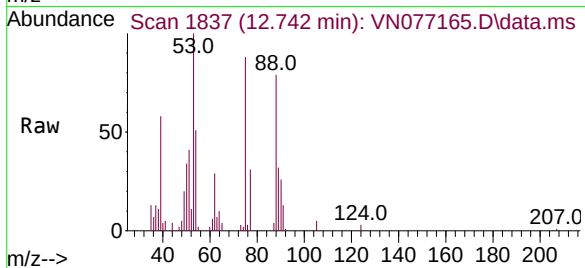
#77
t-1,4-Dichloro-2-butene
Concen: 10.222 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 18938
Ion Ratio Lower Upper
75 100
53 113.2 50.4 151.3
89 36.8 22.1 66.5

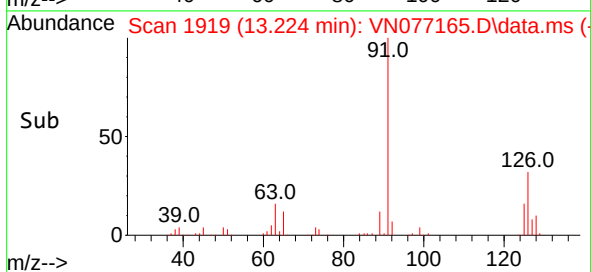
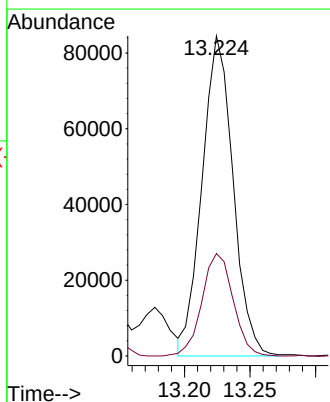
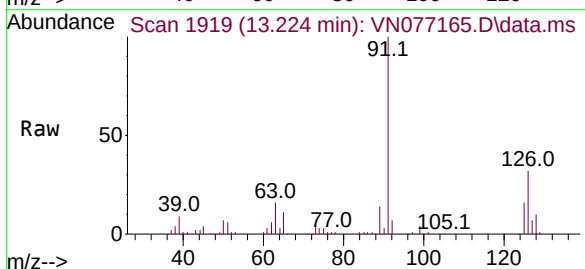
Manual Integrations
APPROVED

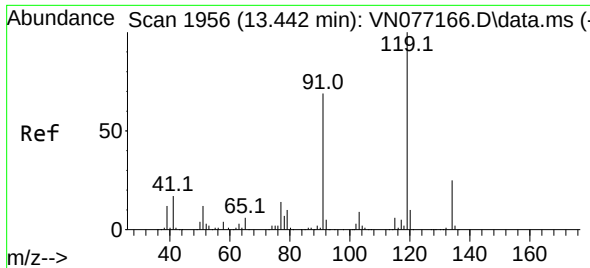
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#78
4-Chlorotoluene
Concen: 9.161 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion: 91 Resp: 138936
Ion Ratio Lower Upper
91 100
126 32.2 0.0 70.6





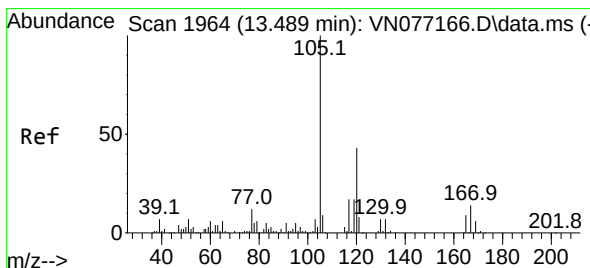
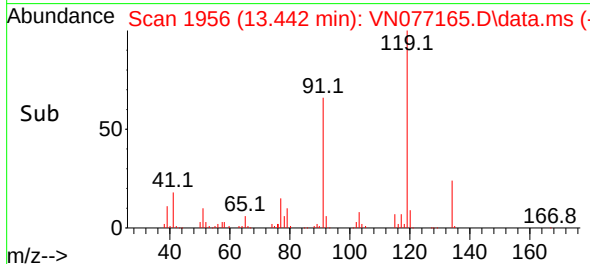
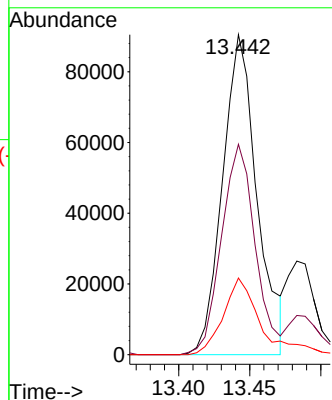
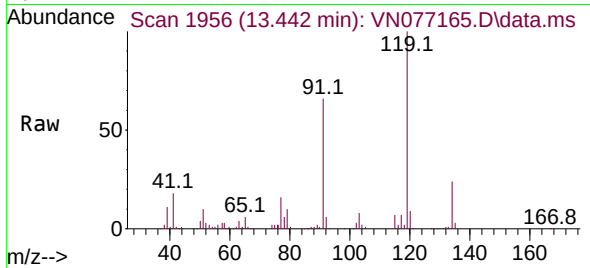
#79
tert-butylbenzene
Concen: 9.738 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 15279
Ion Ratio Lower Upper
119 100
91 64.4 0.0 129.6
134 25.8 0.0 47.8

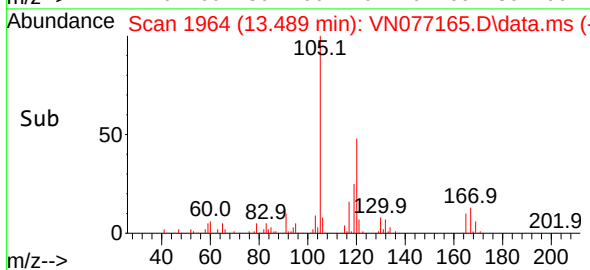
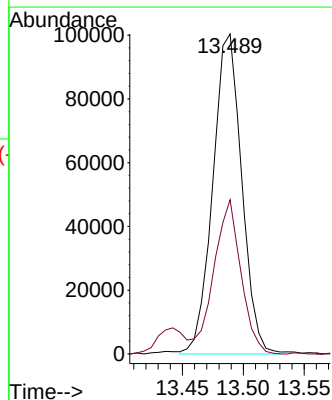
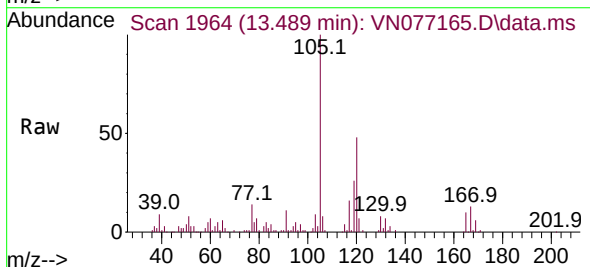
Manual Integrations
APPROVED

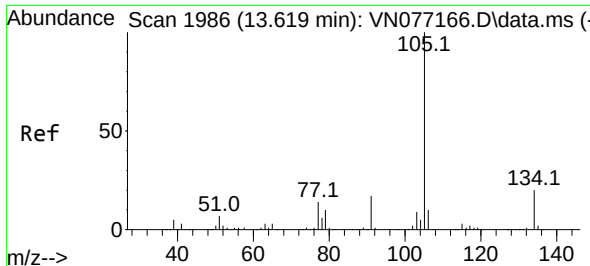
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 9.031 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

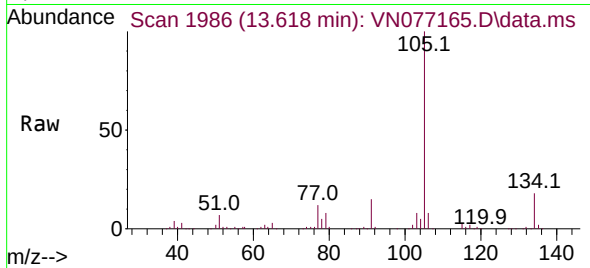
Tgt Ion:105 Resp: 165557
Ion Ratio Lower Upper
105 100
120 45.4 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 9.359 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077165.D
 Acq: 23 Mar 2023 22:34

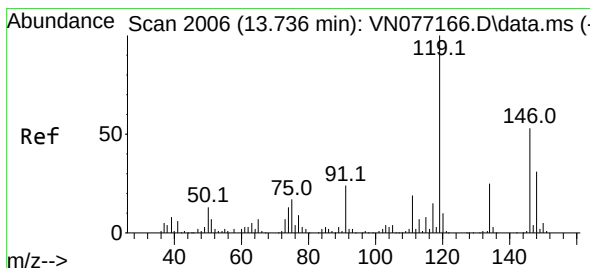
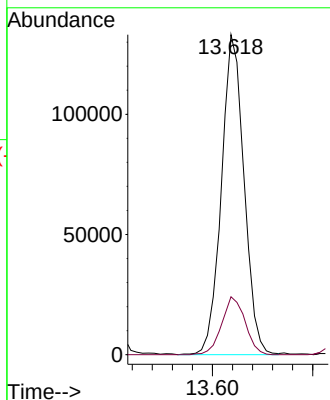
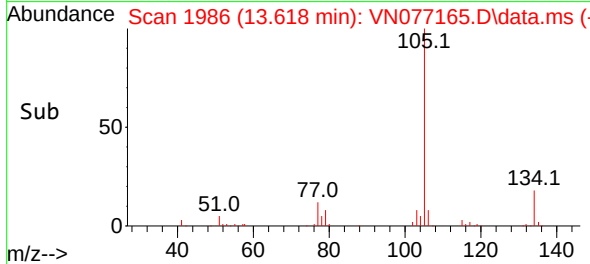
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



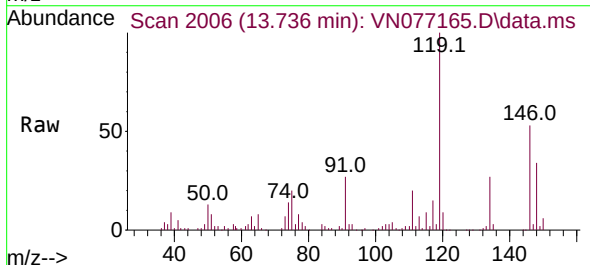
Tgt Ion:105 Resp: 208850
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 39.4

Manual Integrations
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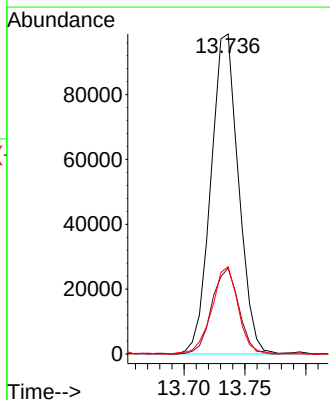
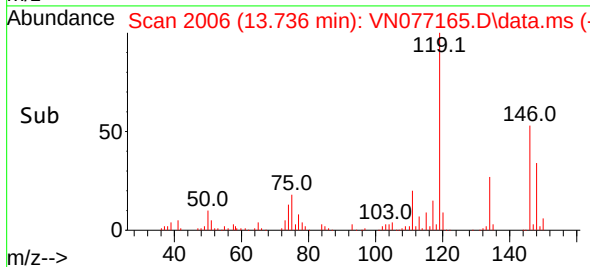
Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023

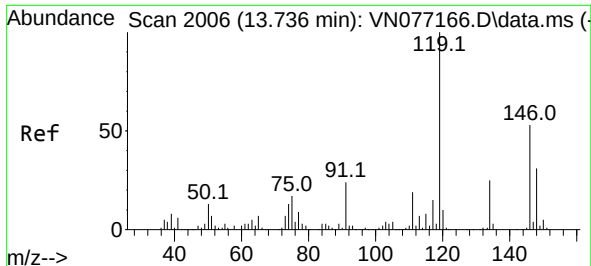


#82
 p-Isopropyltoluene
 Concen: 8.688 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077165.D
 Acq: 23 Mar 2023 22:34



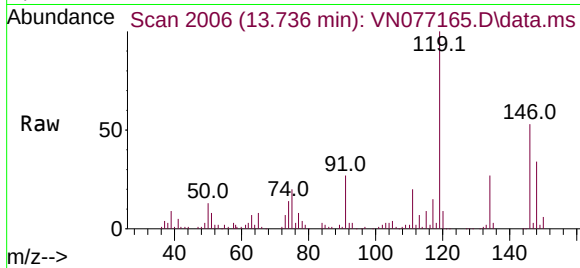
Tgt Ion:119 Resp: 156053
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 53.4
 91 25.9 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 9.579 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

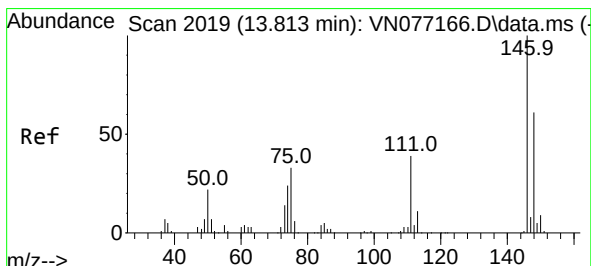
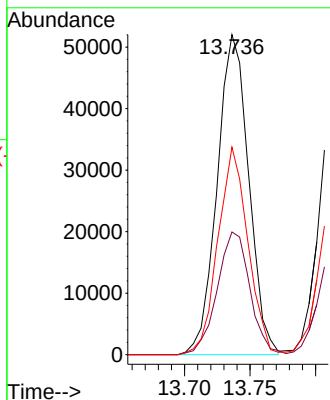
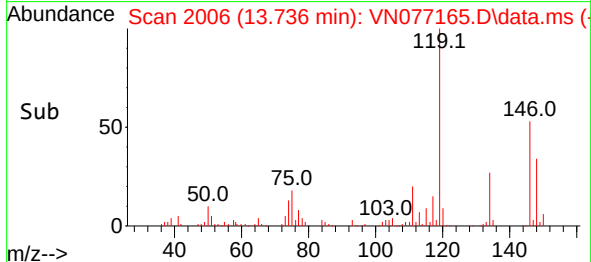
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



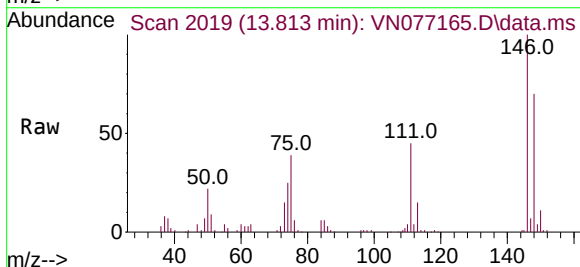
Tgt Ion:146 Resp: 86979
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.8
148 61.6 31.9 95.5

Manual Integrations
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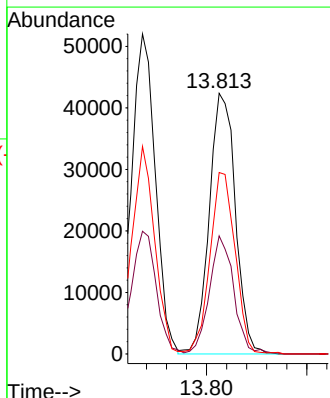
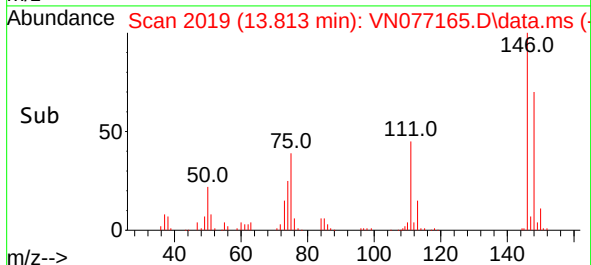
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

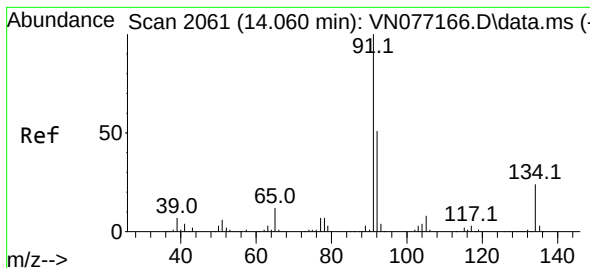


#84
1,4-Dichlorobenzene
Concen: 8.728 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34



Tgt Ion:146 Resp: 76632
Ion Ratio Lower Upper
146 100
111 41.7 18.2 54.6
148 67.2 31.1 93.2





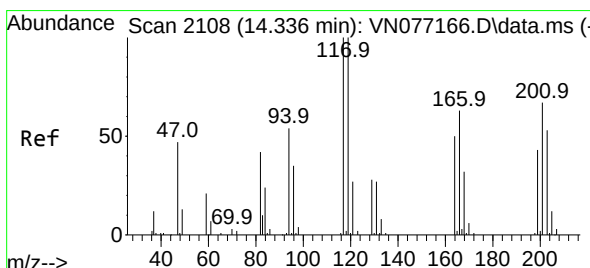
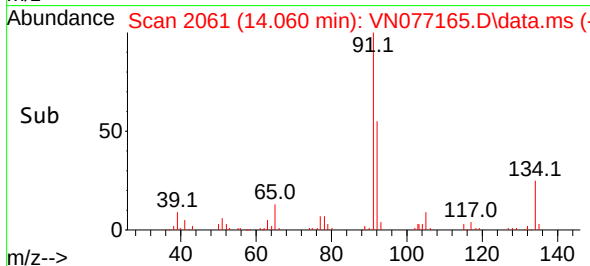
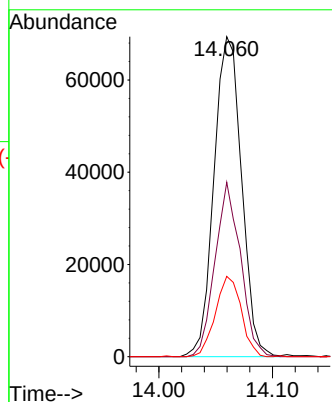
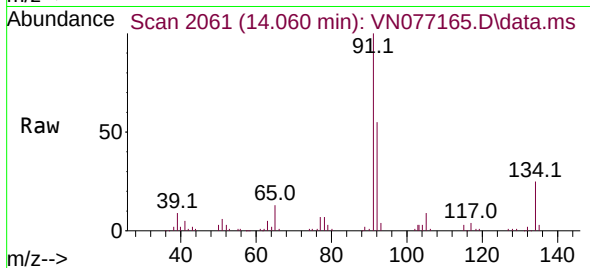
#85
n-Butylbenzene
Concen: 7.743 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 117194
Ion Ratio Lower Upper
91 100
92 50.2 0.0 103.2
134 23.5 0.0 50.0

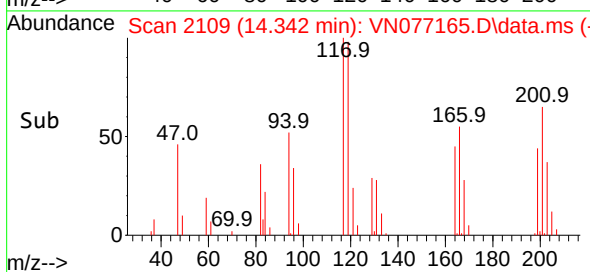
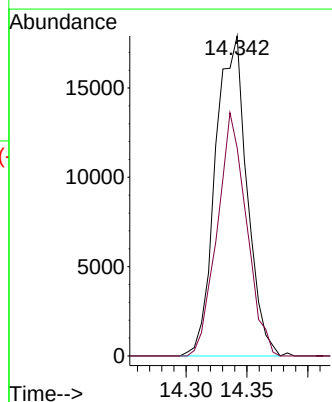
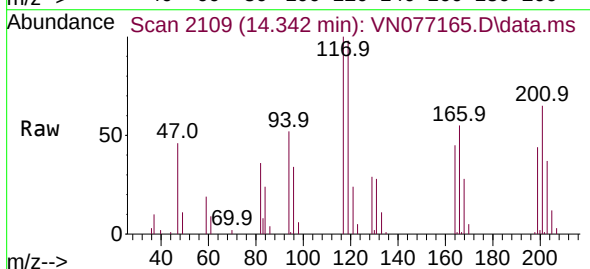
Manual Integrations
APPROVED

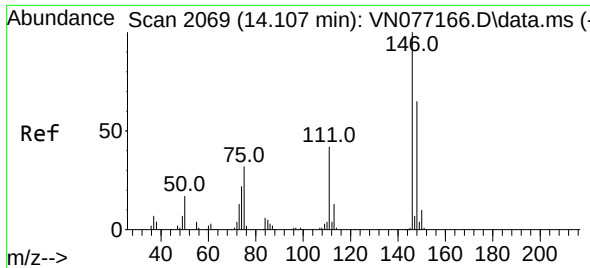
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#86
Hexachloroethane
Concen: 9.862 ug/l
RT: 14.342 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion:117 Resp: 32247
Ion Ratio Lower Upper
117 100
201 70.7 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 9.515 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

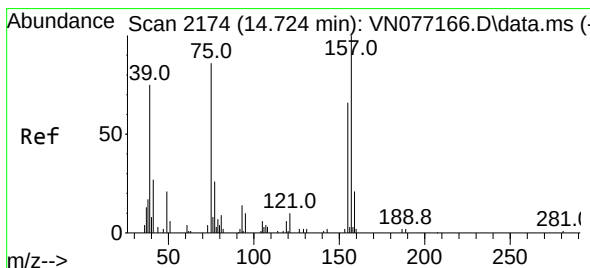
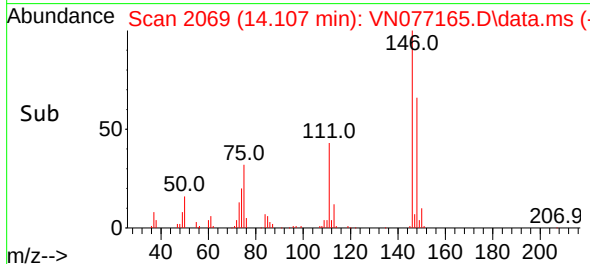
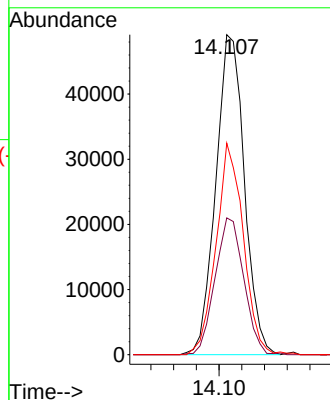
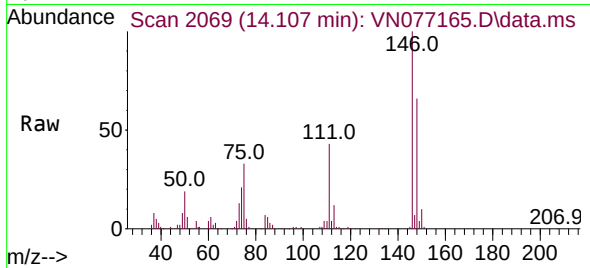
Tgt Ion:	146	Resp:	8592
Ion Ratio	Lower	Upper	
146	100		
111	42.9	20.5	61.6
148	62.6	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 10.055 ug/l

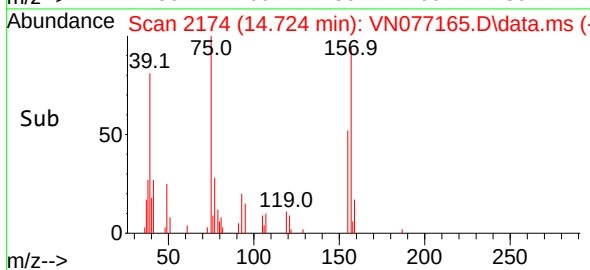
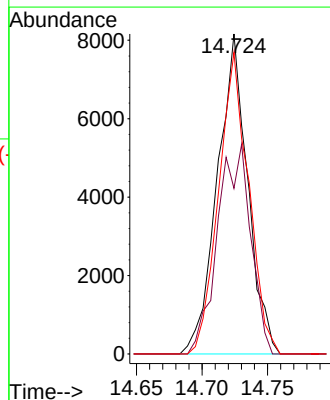
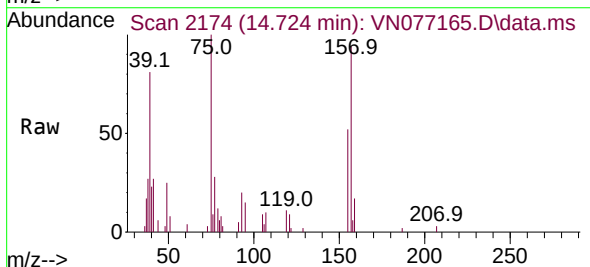
RT: 14.724 min Scan# 2174

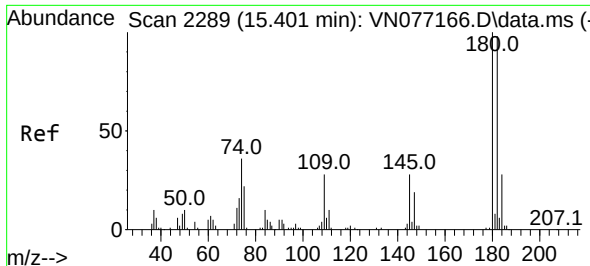
Delta R.T. -0.000 min

Lab File: VN077165.D

Acq: 23 Mar 2023 22:34

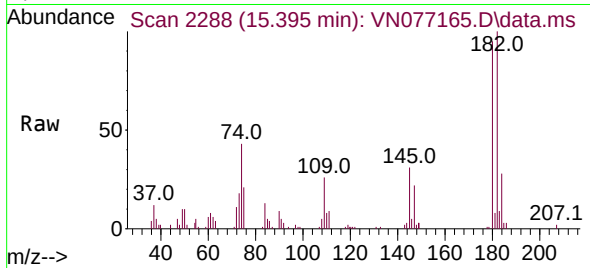
Tgt Ion:	75	Resp:	13098
Ion Ratio	Lower	Upper	
75	100		
155	71.6	62.5	93.7
157	93.0	77.5	116.3





#89
1,2,4-Trichlorobenzene
Concen: 6.500 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

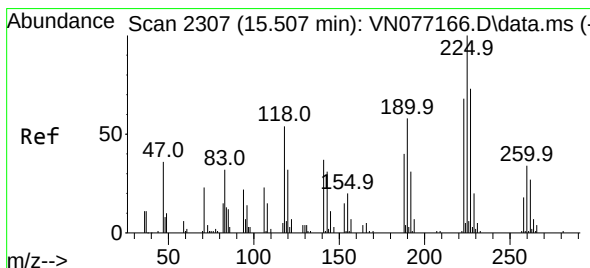
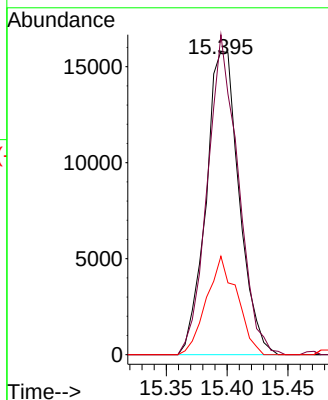
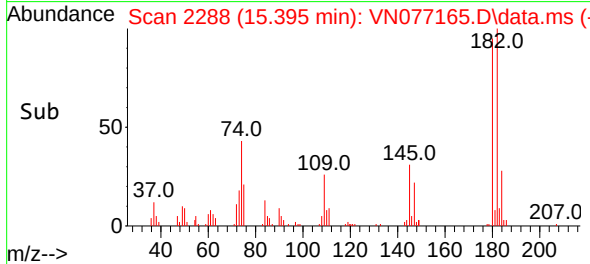
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:180 Resp: 29940
Ion Ratio Lower Upper
180 100
182 97.7 76.6 115.0
145 30.0 24.6 36.8

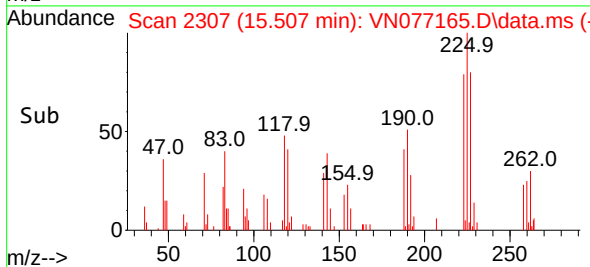
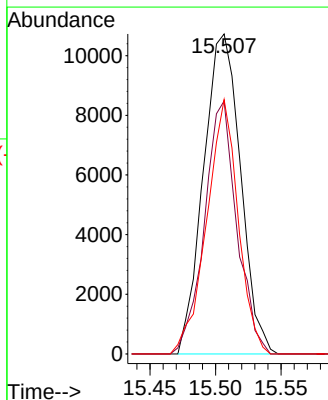
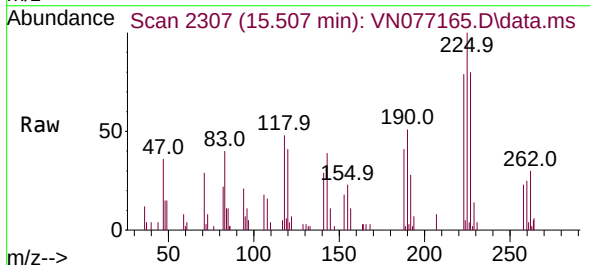
Manual Integrations
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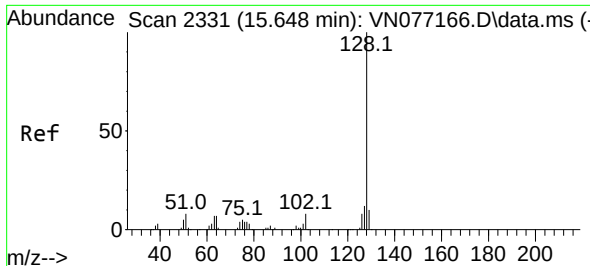
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#90
Hexachlorobutadiene
Concen: 8.502 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion:225 Resp: 21114
Ion Ratio Lower Upper
225 100
223 68.9 0.0 135.4
227 67.4 0.0 129.4





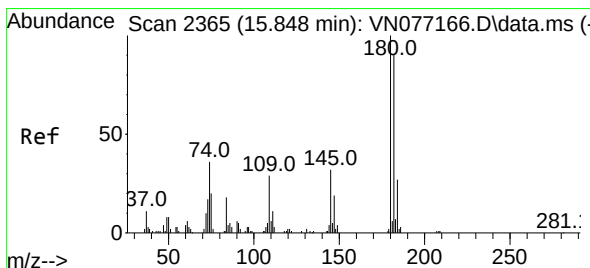
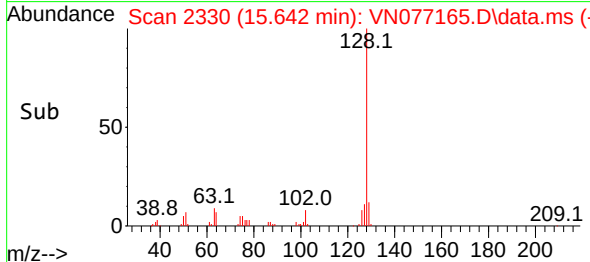
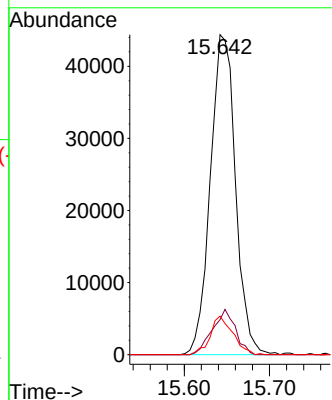
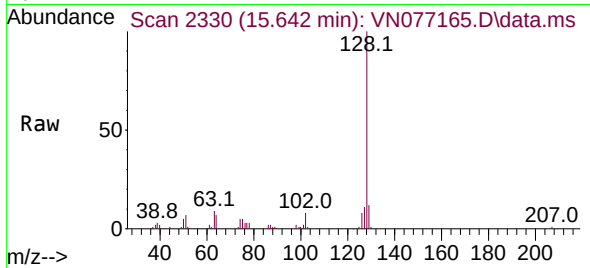
#91
Naphthalene
Concen: 6.225 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 9108
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.6
129 10.8 8.9 13.3

Manual Integrations
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Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#92
1,2,3-Trichlorobenzene
Concen: 6.740 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN077165.D
Acq: 23 Mar 2023 22:34

Tgt Ion:180 Resp: 31141
Ion Ratio Lower Upper
180 100
182 93.1 0.0 190.8
145 33.2 0.0 65.0

