

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077184.D
 Acq On : 24 Mar 2023 17:51
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/27/2023

Quant Time: Mar 24 23:33:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	43033	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	287839	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	307730	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	127487	29.171	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.233%		
60) 4-Bromofluorobenzene	12.854	95	165201	29.883	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.600%		
63) Toluene-d8	10.566	98	339871	30.940	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.133%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	69881	24.662	ug/l	91
3) Chloromethane	2.378	50	110028	24.401	ug/l	94
4) Vinyl Chloride	2.525	62	139400	21.926	ug/l	97
5) Bromomethane	2.972	94	119517	26.811	ug/l	91
6) Chloroethane	3.137	64	127882	24.128	ug/l	98
7) Trichlorofluoromethane	3.507	101	187743	20.514	ug/l	96
8) Diethyl Ether	3.978	74	63510	19.778	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.390	101	94288	19.702	ug/l	98
10) 1,1-Dichloroethene	4.354	96	86074	19.222	ug/l	89
11) Methyl Iodide	4.601	142	93178	19.539	ug/l	95
12) Methyl Acetate	5.043	43	193196	20.009	ug/l	92
13) Acrolein	4.196	56	122282	93.450	ug/l	99
14) Acrylonitrile	5.737	53	287118	98.027	ug/l	98
15) Acetone	4.437	58	77182	100.779	ug/l	96
16) Carbon Disulfide	4.725	76	237471	18.778	ug/l	99
17) Allyl chloride	5.043	41	150452	19.104	ug/l	98
18) Methylene Chloride	5.296	84	110669	20.110	ug/l	97
19) trans-1,2-Dichloroethene	5.795	96	95225	19.850	ug/l	95
20) Diisopropyl ether	6.684	45	367976	20.626	ug/l	91
21) 1,1-Dichloroethane	6.578	63	204028	20.313	ug/l	98
22) cis-1,2-Dichloroethene	7.489	96	108860	19.219	ug/l	94
23) tert-Butyl Alcohol	5.537	59	89993	90.519	ug/l #	100
24) Methyl tert-Butyl Ether	5.813	73	314682	19.794	ug/l	99
25) Chloroform	7.972	83	197084	20.054	ug/l	97
26) Cyclohexane	8.266	56	156795	18.508	ug/l #	95
29) 1,1-Dichloropropene	8.378	75	133885	19.174	ug/l	99
30) 2-Butanone	7.489	43	405812	100.742	ug/l	98
31) 2,2-Dichloropropane	7.501	77	146871	22.454	ug/l #	63
32) 1,1,1-Trichloroethane	8.178	97	166037	19.722	ug/l	98
33) Carbon Tetrachloride	8.372	117	140669	19.889	ug/l	97
34) Benzene	8.613	78	445095	20.795	ug/l	98
35) Methacrylonitrile	7.784	41	83748	18.940	ug/l	97
36) 1,2-Dichloroethane	8.678	62	160031	20.281	ug/l	99
37) Trichloroethene	9.360	130	94546	19.539	ug/l	98
38) Methylcyclohexane	9.607	83	156482	18.826	ug/l	97
39) 1,2-Dichloropropane	9.625	63	116323	20.301	ug/l	96
40) Dibromomethane	9.713	93	76081	20.763	ug/l	95
41) Bromodichloromethane	9.889	83	149316	20.012	ug/l	99
42) Vinyl Acetate	6.613	43	1205781	99.864	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077184.D
 Acq On : 24 Mar 2023 17:51
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/27/2023

Quant Time: Mar 24 23:33:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	161427	20.059	ug/l	96
44) Isopropyl Acetate	8.695	43	259256	19.963	ug/l	99
45) 1,4-Dioxane	9.701	88	40513	383.654	ug/l	94
46) Methyl methacrylate	9.683	41	127363	21.270	ug/l	98
47) n-amyl Acetate	12.495	43	202482	18.532	ug/l	95
48) t-1,3-Dichloropropene	10.836	75	147986	19.526	ug/l	97
49) cis-1,3-Dichloropropene	10.319	75	166394	20.054	ug/l	97
50) 1,1,2-Trichloroethane	11.019	97	102665	19.960	ug/l	98
51) Ethyl methacrylate	10.878	69	150378	18.935	ug/l	95
52) 1,3-Dichloropropane	11.166	76	189460	20.751	ug/l	98
53) Dibromochloromethane	11.360	129	107945	20.269	ug/l	97
54) 1,2-Dibromoethane	11.472	107	103661	20.480	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	301065	90.671	ug/l	99
56) Bromoform	12.583	173	70533	18.874	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	849357	106.942	ug/l	99
59) 2-Hexanone	11.195	43	603842	104.273	ug/l	99
61) Tetrachloroethene	11.107	164	80576	20.862	ug/l #	89
62) Toluene	10.636	91	443806	20.520	ug/l	100
64) Chlorobenzene	11.895	112	264383	20.662	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.966	131	98043	20.864	ug/l	97
66) Ethyl Benzene	11.966	91	475129	20.445	ug/l	99
67) m/p-Xylenes	12.072	106	360301	40.287	ug/l	92
68) o-Xylene	12.401	106	177844	20.310	ug/l	97
69) Styrene	12.413	104	280323	19.715	ug/l	98
70) Isopropylbenzene	12.701	105	450624	19.846	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.936	83	159442	21.452	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	140146m	21.303	ug/l	
73) Bromobenzene	12.983	156	106199	20.921	ug/l	97
74) n-propylbenzene	13.036	91	518673	19.731	ug/l	100
75) 2-Chlorotoluene	13.130	91	318441	20.091	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	382908	20.316	ug/l	96
77) t-1,4-Dichloro-2-butene	12.736	75	43042	20.524	ug/l	93
78) 4-Chlorotoluene	13.224	91	295669	19.392	ug/l	97
79) tert-butylbenzene	13.442	119	314754	19.548	ug/l	94
80) 1,2,4-Trimethylbenzene	13.483	105	377376	20.176	ug/l	98
81) sec-Butylbenzene	13.618	105	446738	19.215	ug/l	99
82) p-Isopropyltoluene	13.730	119	362544	19.453	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	192669	20.498	ug/l	97
84) 1,4-Dichlorobenzene	13.813	146	180343	19.696	ug/l	97
85) n-Butylbenzene	14.060	91	289595	18.384	ug/l	99
86) Hexachloroethane	14.336	117	67696	19.048	ug/l	94
87) 1,2-Dichlorobenzene	14.107	146	194304	20.672	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	27779	19.479	ug/l	95
89) 1,2,4-Trichlorobenzene	15.395	180	77860	18.569	ug/l	98
90) Hexachlorobutadiene	15.507	225	45915	19.410	ug/l	95
91) Naphthalene	15.642	128	227433	16.529	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	70288	16.881	ug/l	99

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

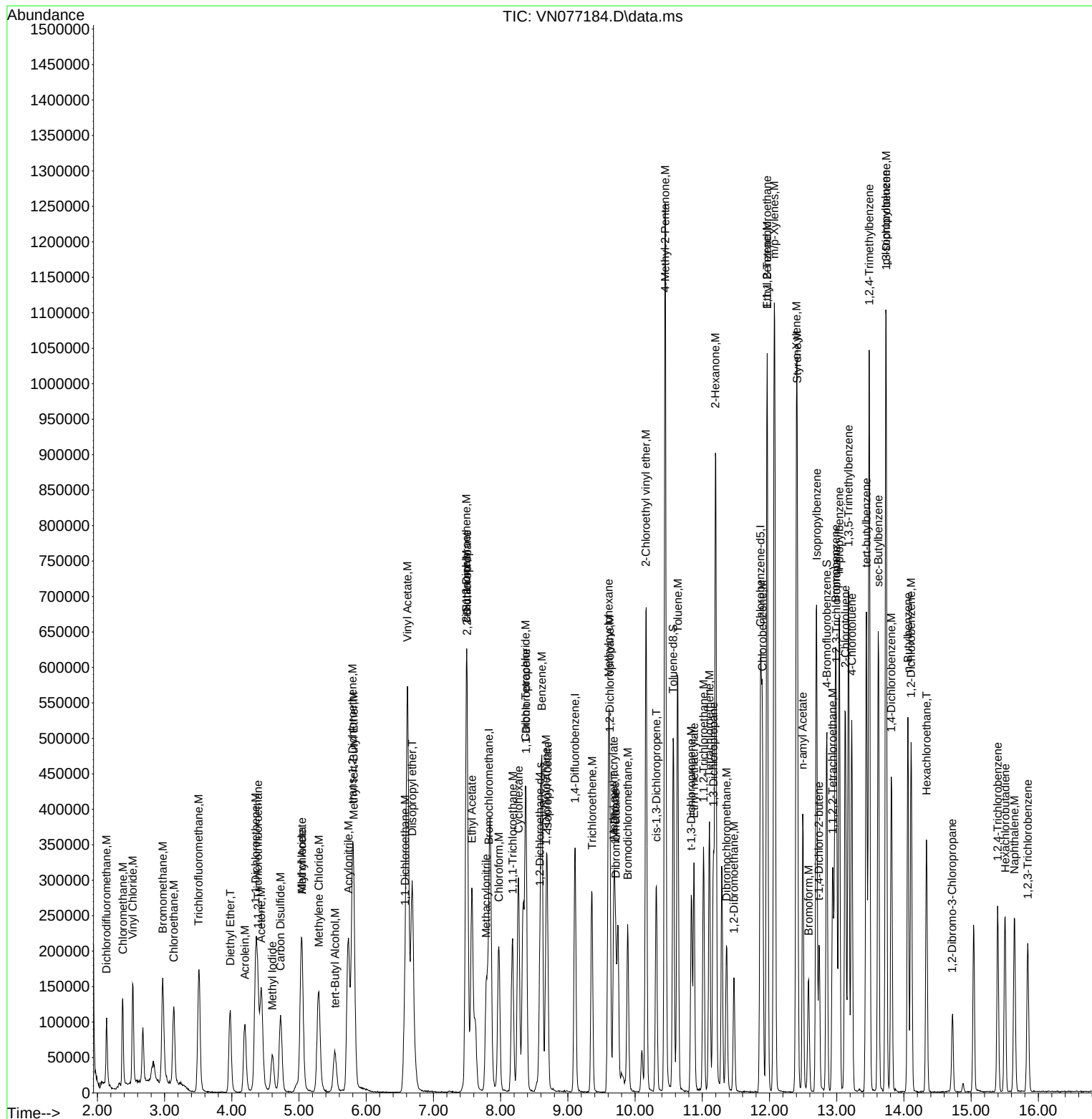
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
Data File : VN077184.D
Acq On : 24 Mar 2023 17:51
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

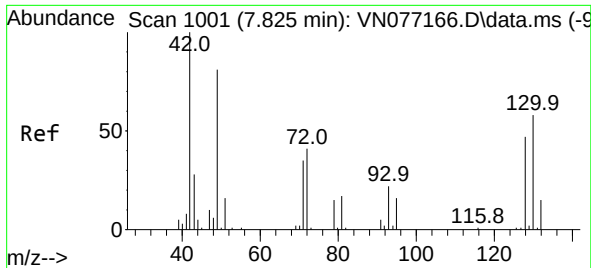
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/27/2023
Supervised By : Semsettin Yesilyurt 03/27/2023

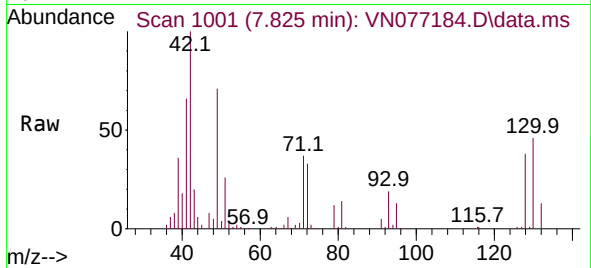
Quant Time: Mar 24 23:33:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 24 05:55:38 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

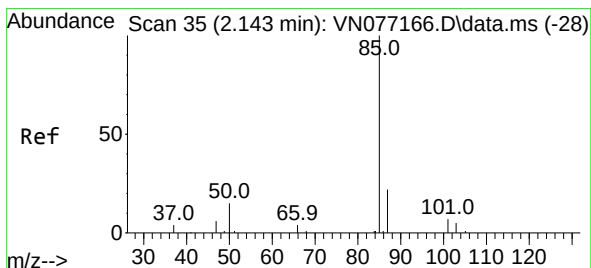
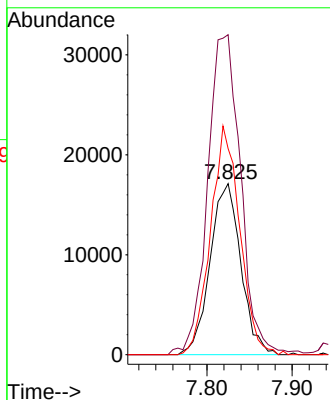
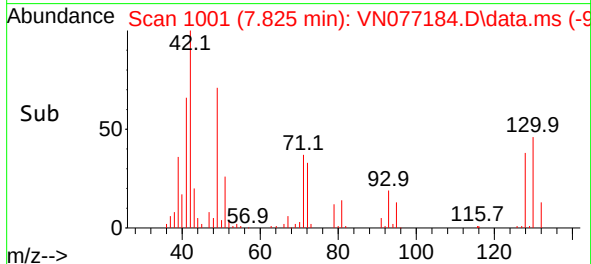
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



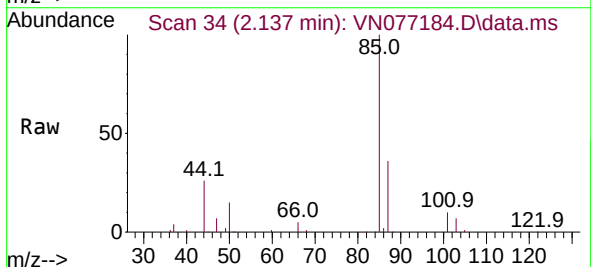
Tgt Ion:128 Resp: 4303
Ion Ratio Lower Upper
128 100
49 198.2 0.0 461.8
130 127.0 0.0 295.3

Manual Integrations
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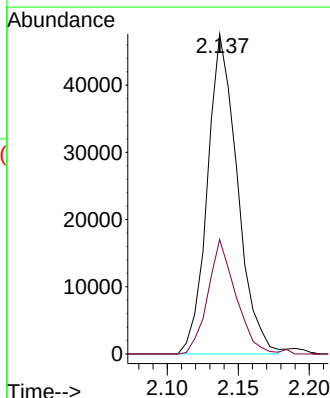
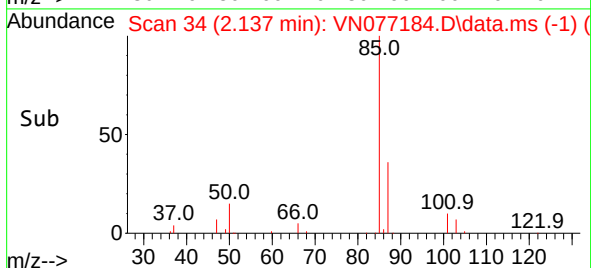
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

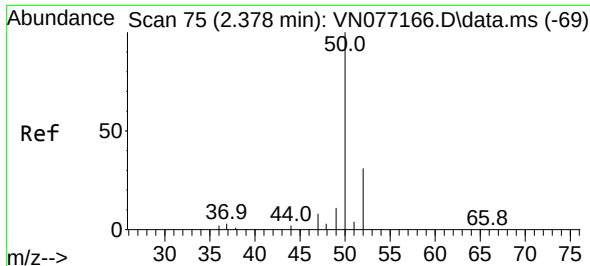


#2
Dichlorodifluoromethane
Concen: 24.662 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51



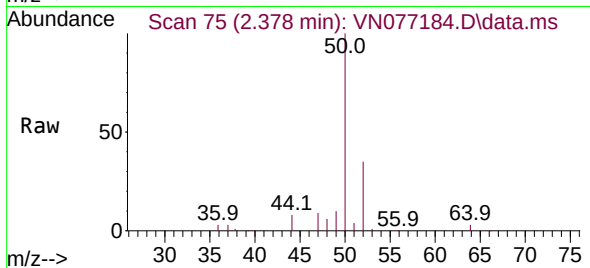
Tgt Ion: 85 Resp: 69881
Ion Ratio Lower Upper
85 100
87 35.7 15.4 46.1





#3
Chloromethane
Concen: 24.401 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

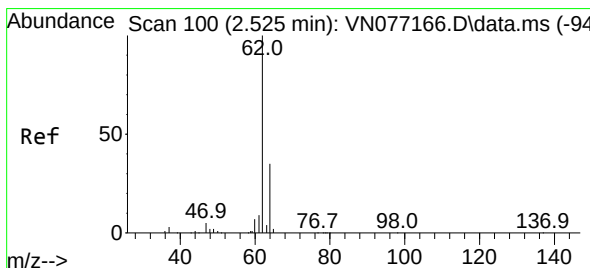
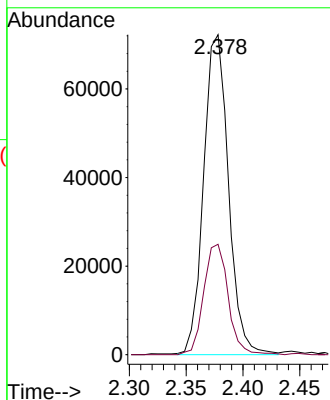
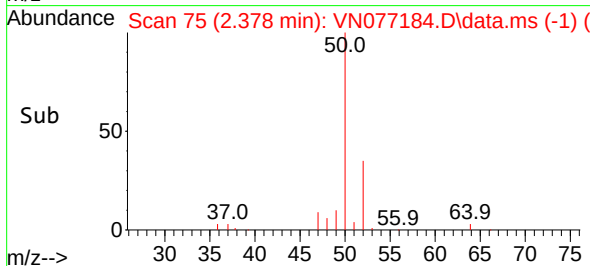
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 110028
Ion Ratio Lower Upper
50 100
52 34.7 25.3 37.9

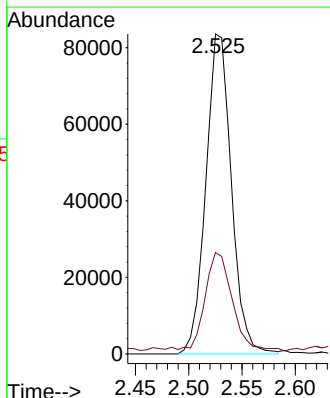
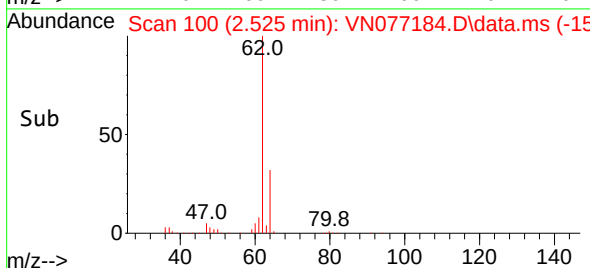
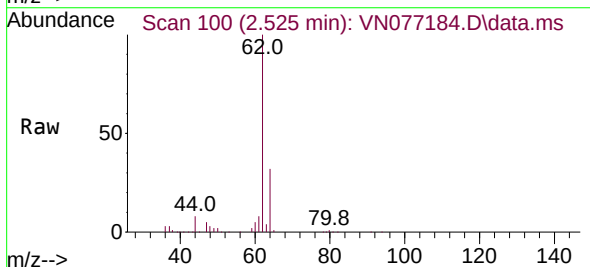
Manual Integrations
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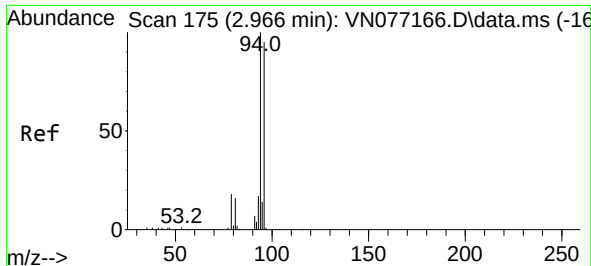
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#4
Vinyl Chloride
Concen: 21.926 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

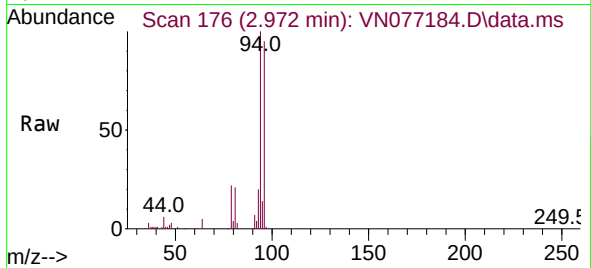
Tgt Ion: 62 Resp: 139400
Ion Ratio Lower Upper
62 100
64 30.3 23.1 34.7





#5
Bromomethane
Concen: 26.811 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

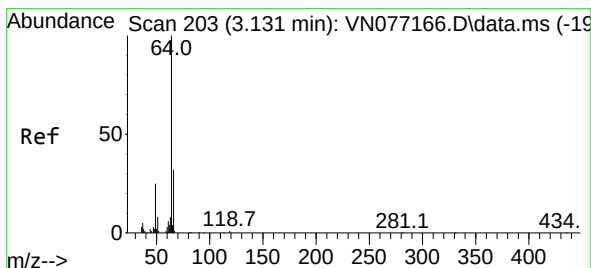
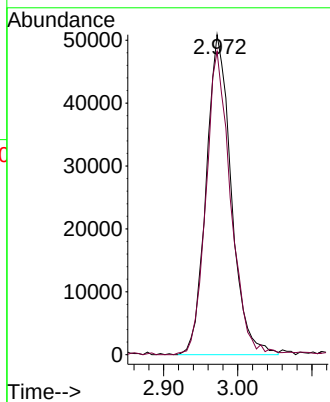
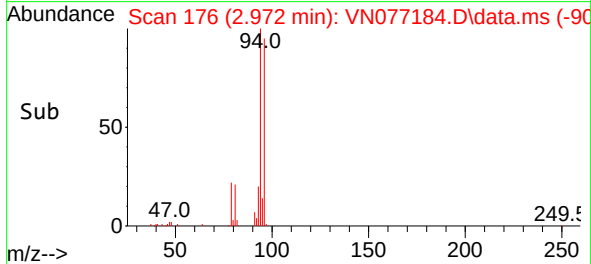
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 11951
Ion Ratio Lower Upper
94 100
96 94.3 68.6 103.0

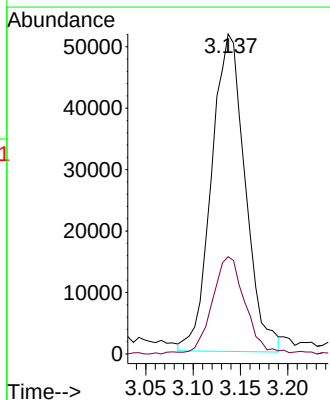
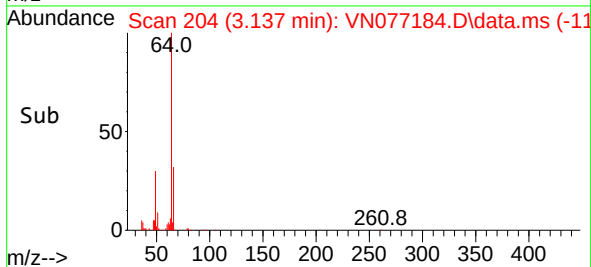
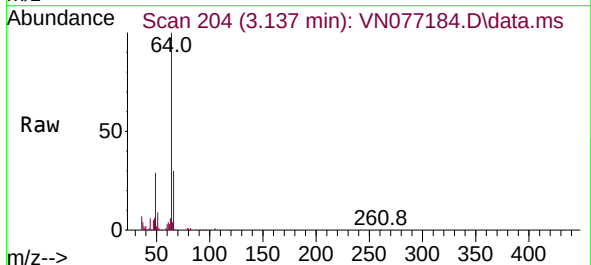
Manual Integrations
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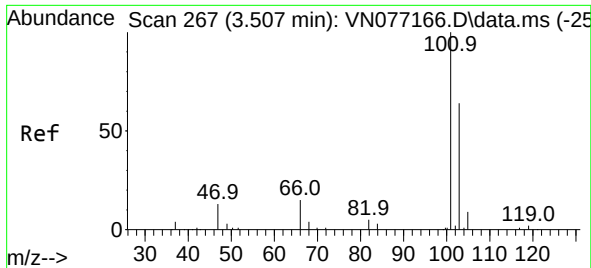
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#6
Chloroethane
Concen: 24.128 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

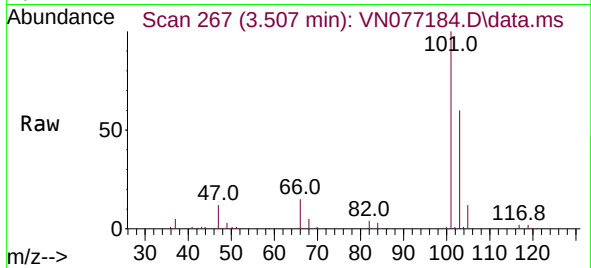
Tgt Ion: 64 Resp: 127882
Ion Ratio Lower Upper
64 100
66 30.8 23.8 35.6





#7
Trichlorofluoromethane
Concen: 20.514 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

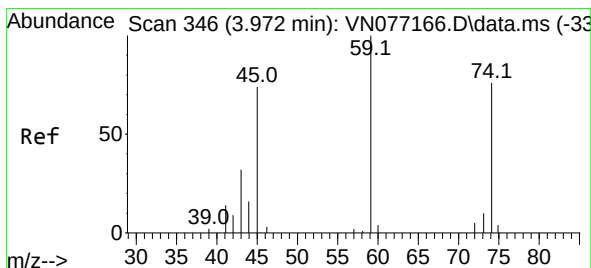
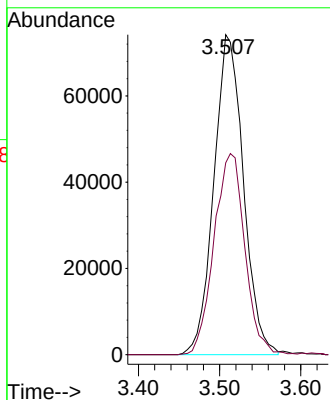
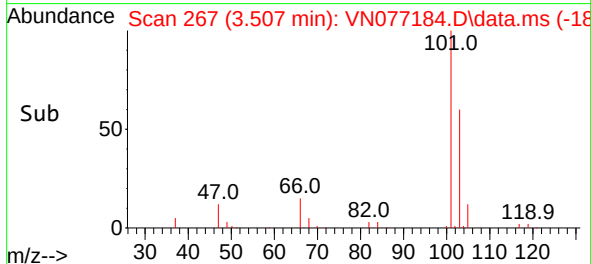
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:101 Resp: 18774
Ion Ratio Lower Upper
101 100
103 60.0 50.2 75.2

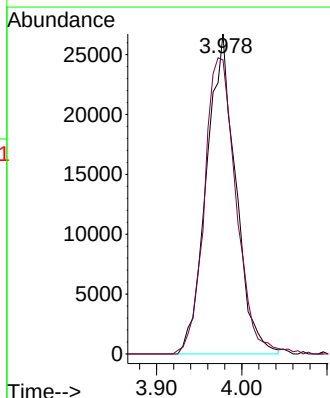
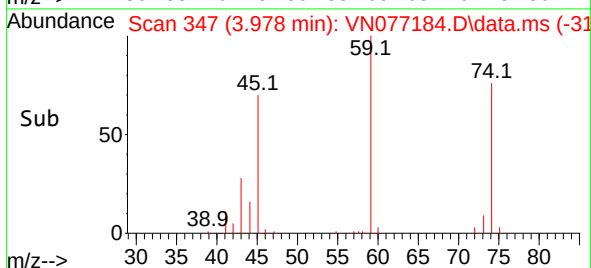
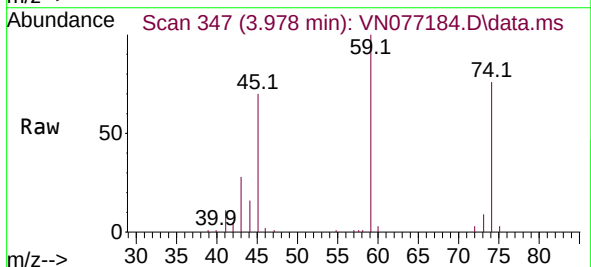
Manual Integrations
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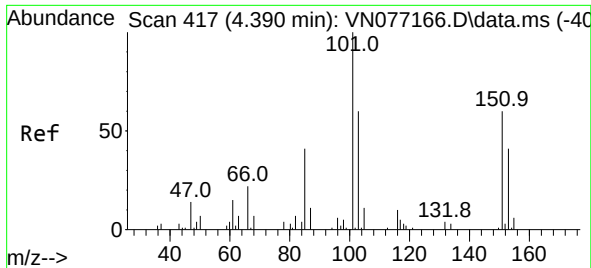
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#8
Diethyl Ether
Concen: 19.778 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Tgt Ion: 74 Resp: 63510
Ion Ratio Lower Upper
74 100
45 100.5 21.4 193.0





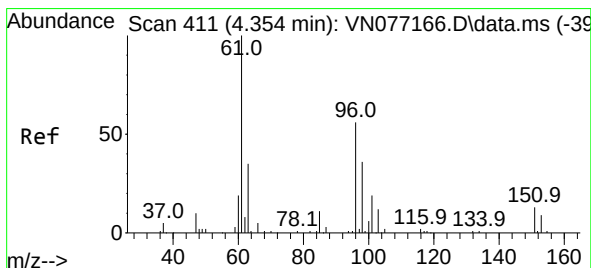
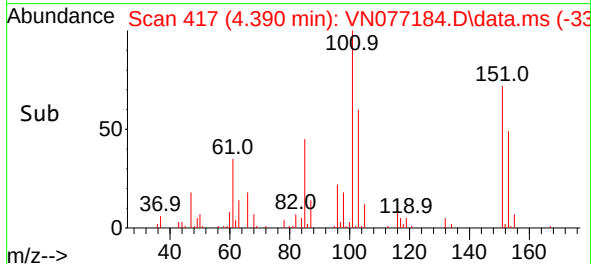
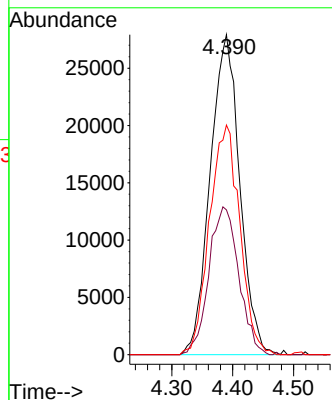
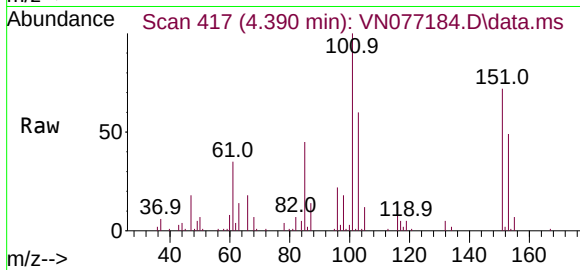
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1,1,2-Trichlorotrifluoroethane
Concen: 19.702 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 9428
Ion Ratio Lower Upper
101 100
85 46.6 0.0 95.2
151 73.5 0.0 142.2

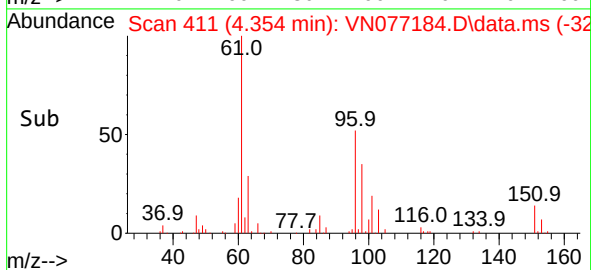
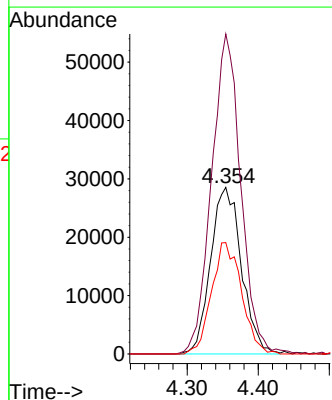
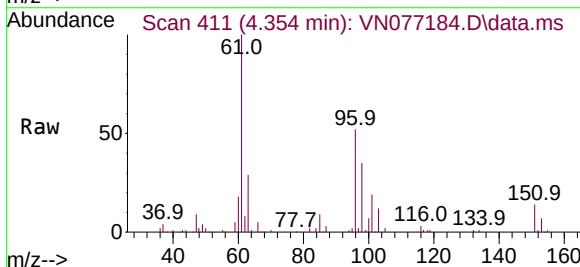
Manual Integrations
APPROVED

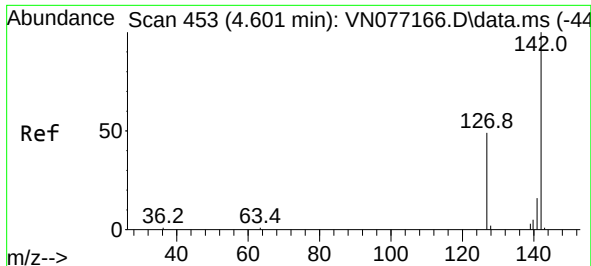
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#10
1,1-Dichloroethene
Concen: 19.222 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

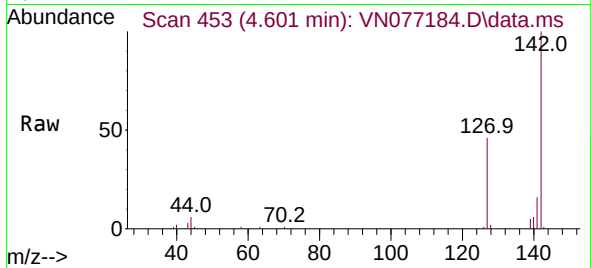
Tgt Ion: 96 Resp: 86074
Ion Ratio Lower Upper
96 100
61 191.5 137.1 205.7
98 66.9 53.2 79.8





#11
Methyl Iodide
Concen: 19.539 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

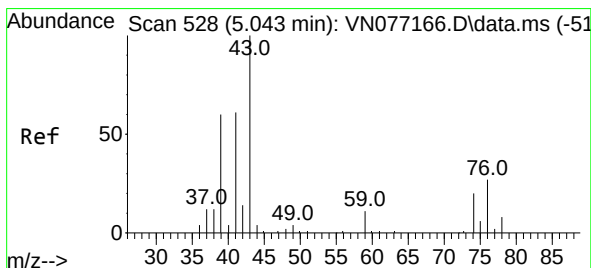
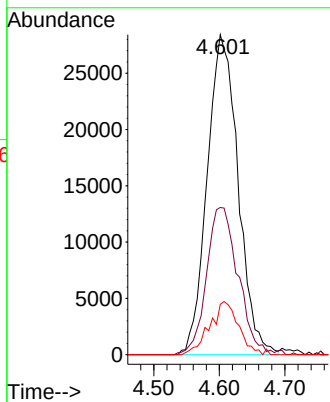
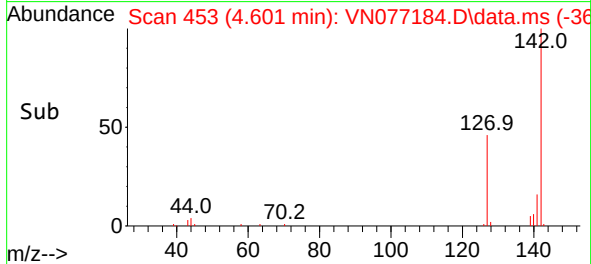
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 93178
Ion Ratio Lower Upper
142 100
127 45.3 25.0 75.0
141 15.8 8.0 24.0

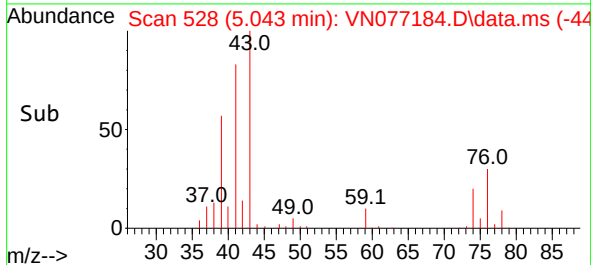
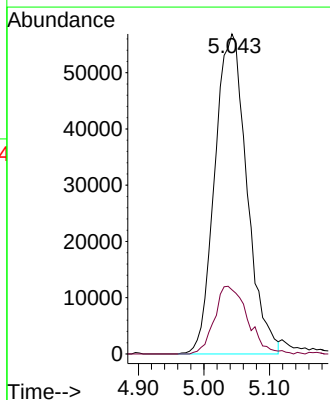
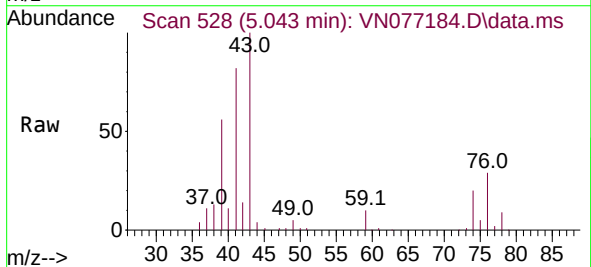
Manual Integrations
APPROVED

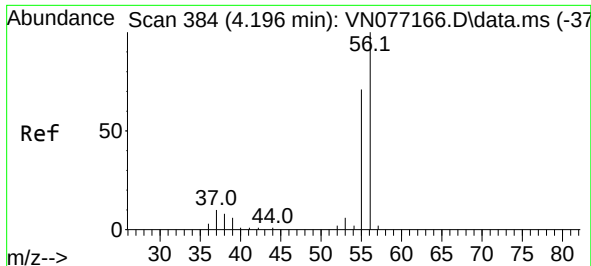
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#12
Methyl Acetate
Concen: 20.009 ug/l
RT: 5.043 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

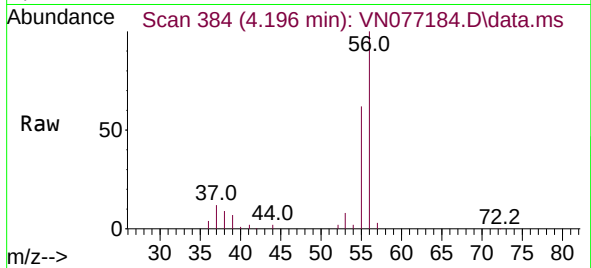
Tgt Ion: 43 Resp: 193196
Ion Ratio Lower Upper
43 100
74 20.0 19.0 28.4





#13
Acrolein
Concen: 93.450 ug/l
RT: 4.196 min Scan# 384
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

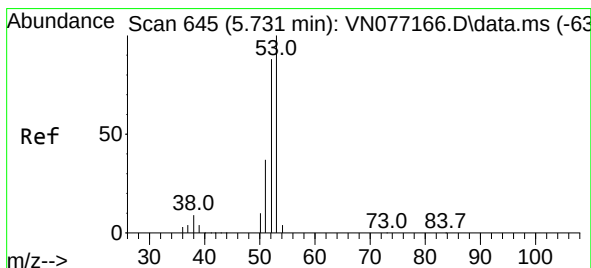
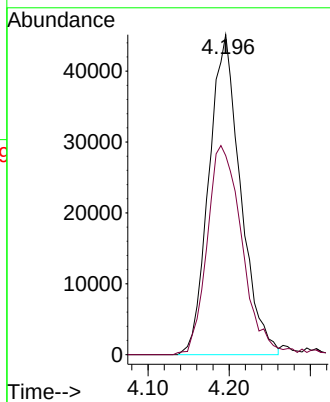
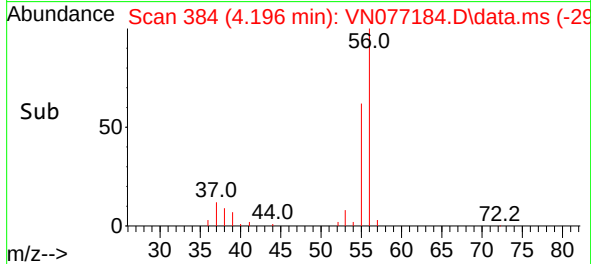
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 12228
Ion Ratio Lower Upper
56 100
55 69.1 55.0 82.4

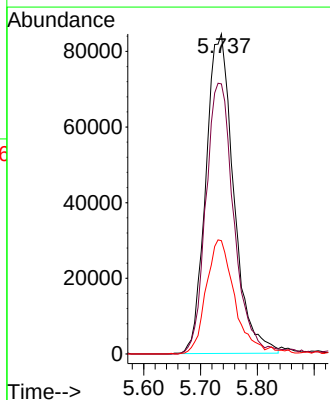
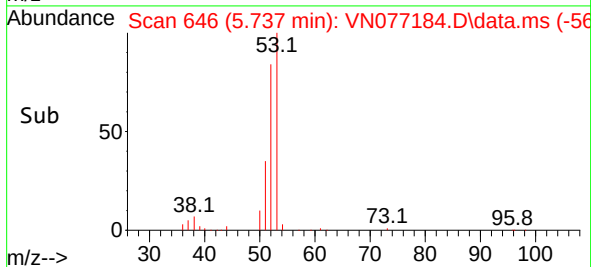
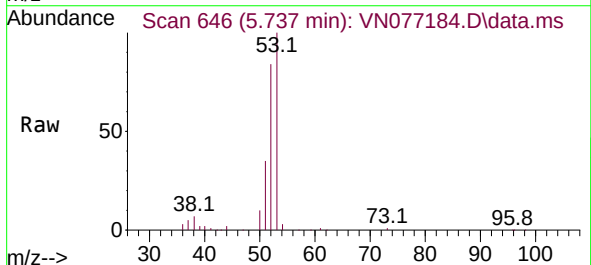
Manual Integrations
APPROVED

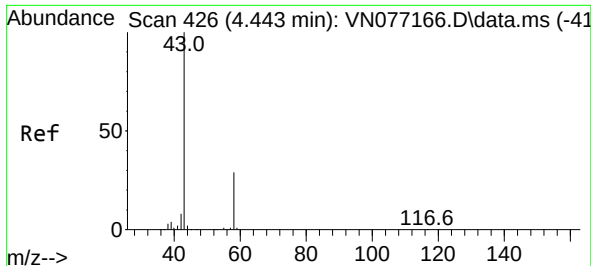
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#14
Acrylonitrile
Concen: 98.027 ug/l
RT: 5.737 min Scan# 646
Delta R.T. 0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Tgt Ion: 53 Resp: 287118
Ion Ratio Lower Upper
53 100
52 84.4 41.5 124.6
51 36.1 17.6 52.8





#15

Acetone

Concen: 100.779 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077184.D

Acq: 24 Mar 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 7718

Ion Ratio Lower Upper

58 100

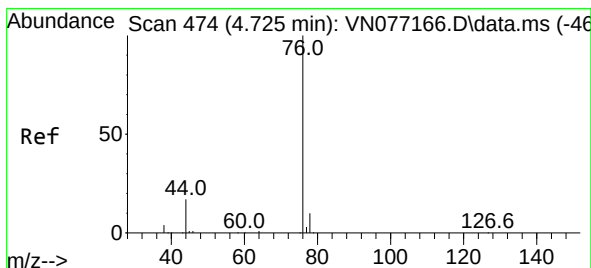
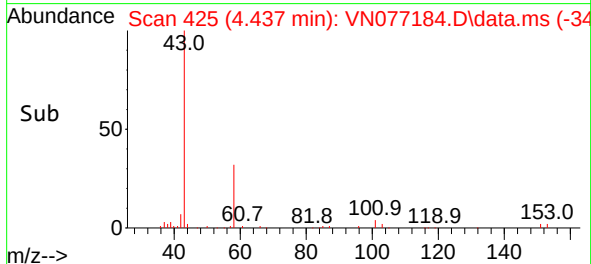
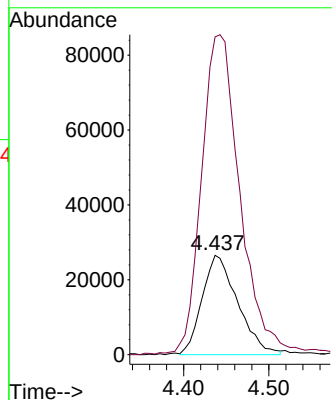
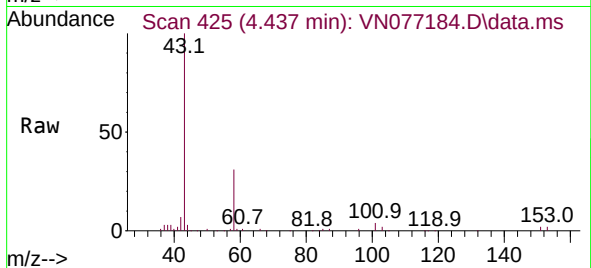
43 311.7 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#16

Carbon Disulfide

Concen: 18.778 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.000 min

Lab File: VN077184.D

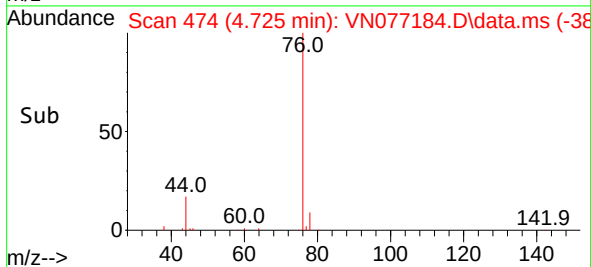
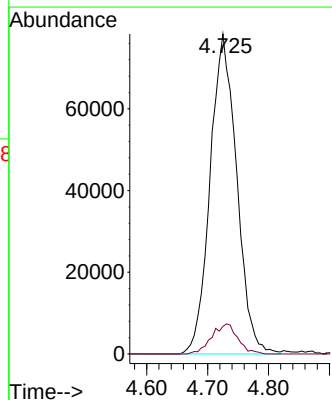
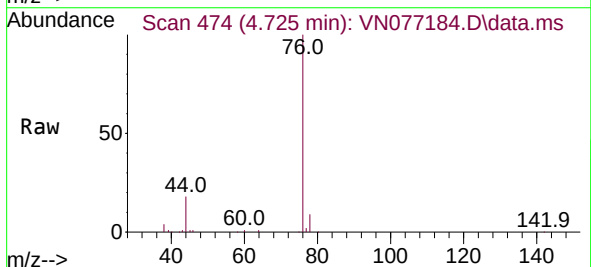
Acq: 24 Mar 2023 17:51

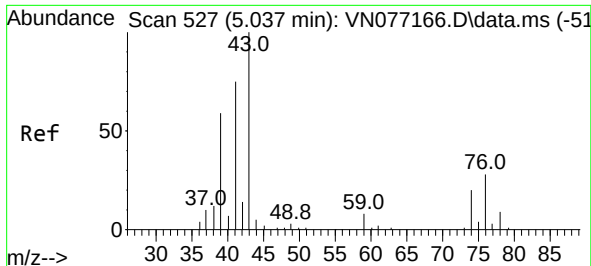
Tgt Ion: 76 Resp: 237471

Ion Ratio Lower Upper

76 100

78 8.6 6.6 9.8





#17

Allyl chloride

Concen: 19.104 ug/l

RT: 5.043 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN077184.D

Acq: 24 Mar 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 41 Resp: 15045

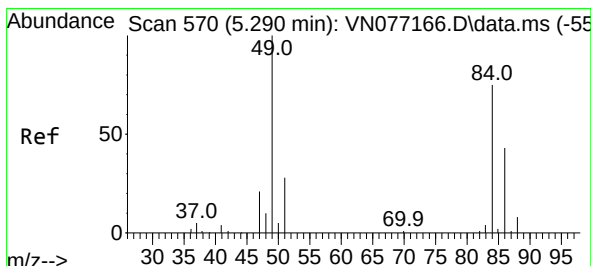
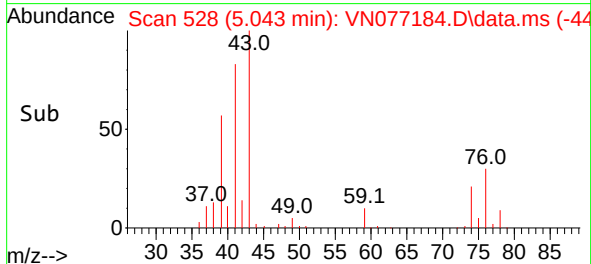
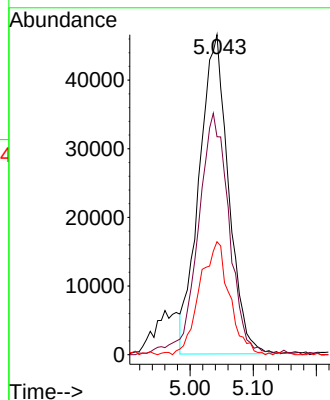
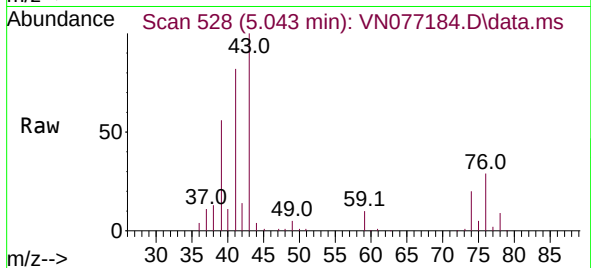
Ion	Ratio	Lower	Upper
41	100		
39	67.6	34.8	104.3
76	34.8	17.5	52.5

Manual Integrations

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Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#18

Methylene Chloride

Concen: 20.110 ug/l

RT: 5.296 min Scan# 571

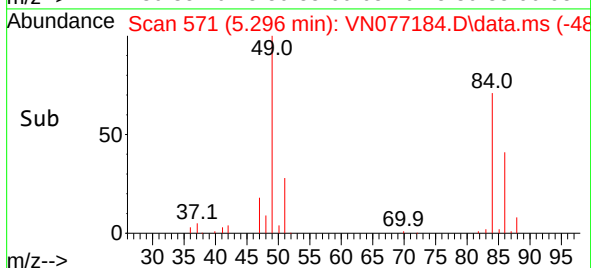
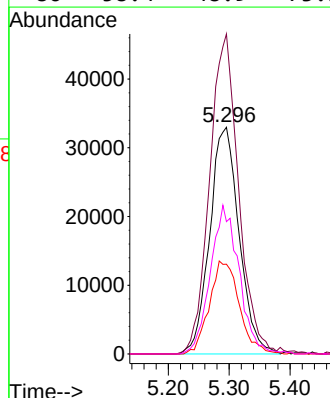
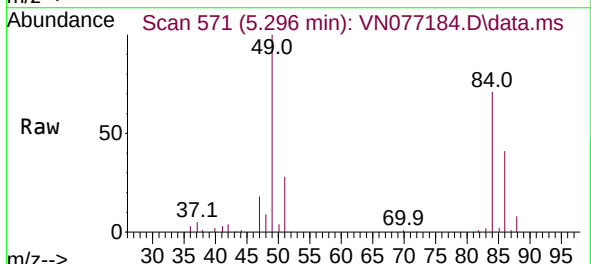
Delta R.T. 0.006 min

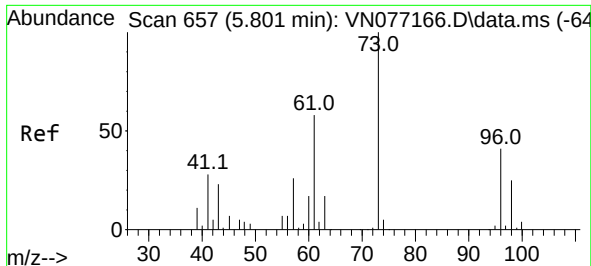
Lab File: VN077184.D

Acq: 24 Mar 2023 17:51

Tgt Ion: 84 Resp: 110669

Ion	Ratio	Lower	Upper
84	100		
49	140.6	113.8	170.6
51	39.6	34.2	51.4
86	58.4	48.9	73.3





#19

trans-1,2-Dichloroethene

Concen: 19.850 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077184.D

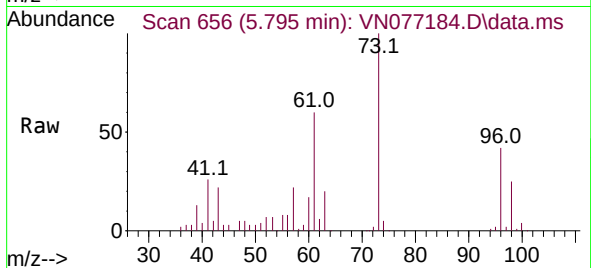
Acq: 24 Mar 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 96 Resp: 95225

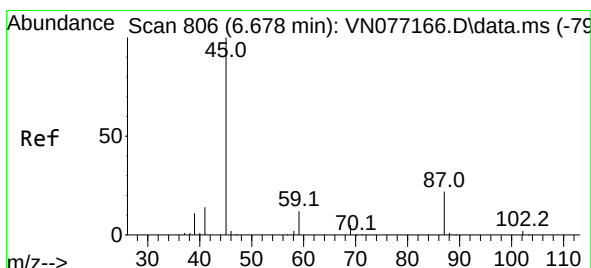
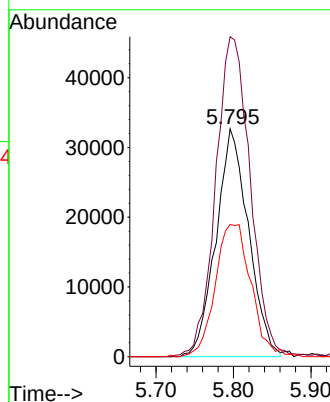
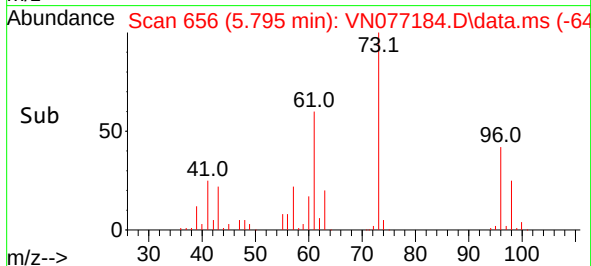
Ion	Ratio	Lower	Upper
96	100		
61	139.7	111.0	166.4
98	58.0	55.0	82.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#20

Diisopropyl ether

Concen: 20.626 ug/l

RT: 6.684 min Scan# 807

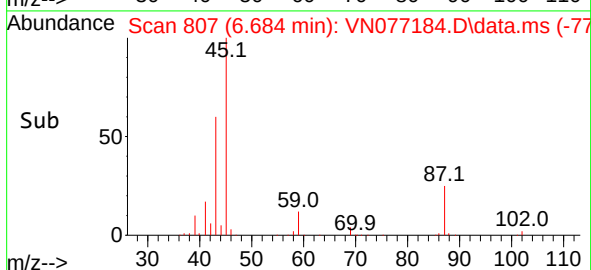
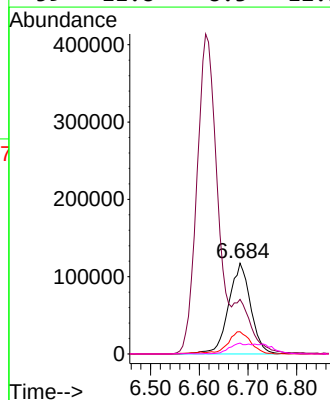
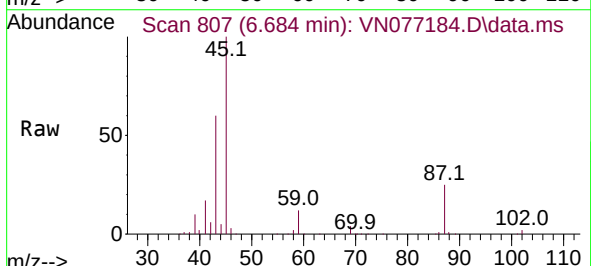
Delta R.T. 0.006 min

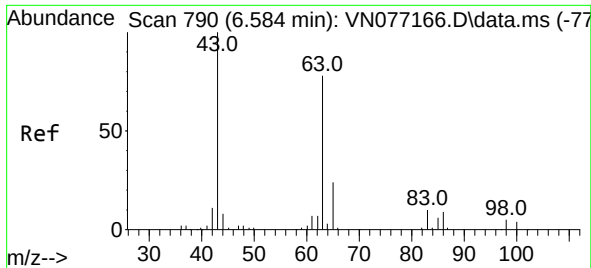
Lab File: VN077184.D

Acq: 24 Mar 2023 17:51

Tgt Ion: 45 Resp: 367976

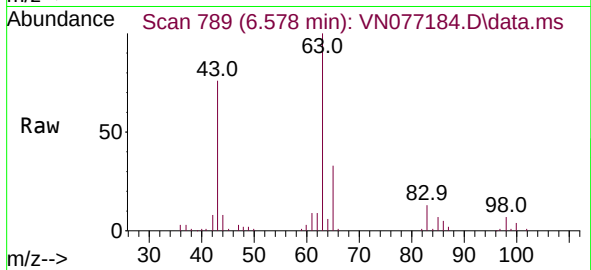
Ion	Ratio	Lower	Upper
45	100		
43	57.4	38.6	58.0
87	24.2	20.1	30.1
59	11.8	8.3	12.5





#21
1,1-Dichloroethane
Concen: 20.313 ug/l
RT: 6.578 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

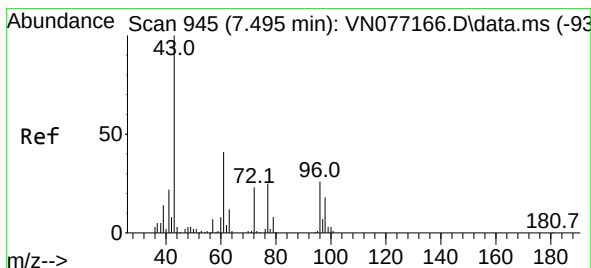
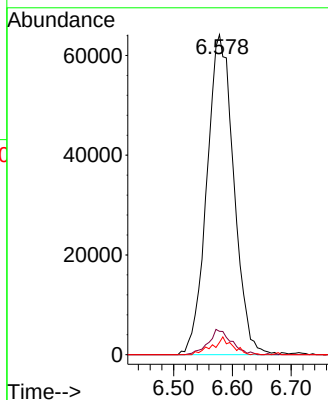
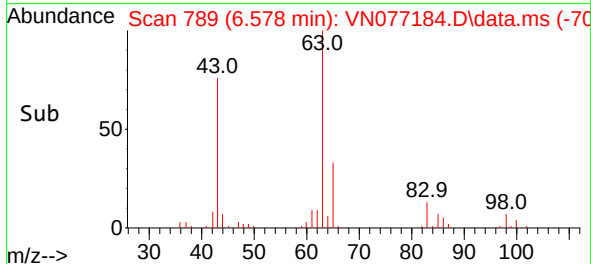
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 204028
Ion Ratio Lower Upper
63 100
98 7.3 3.6 10.9
100 3.8 2.6 7.8

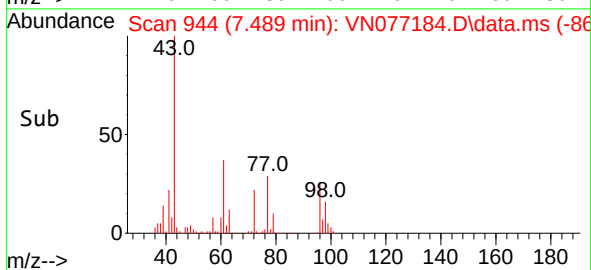
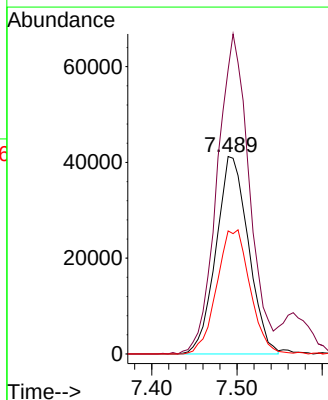
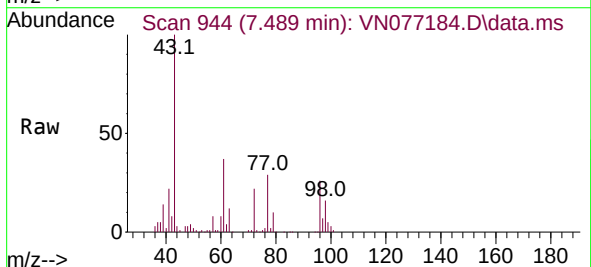
Manual Integrations
APPROVED

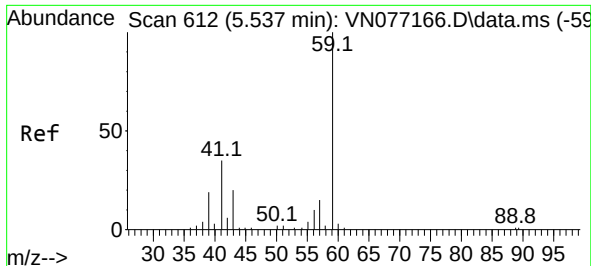
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#22
cis-1,2-Dichloroethene
Concen: 19.219 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

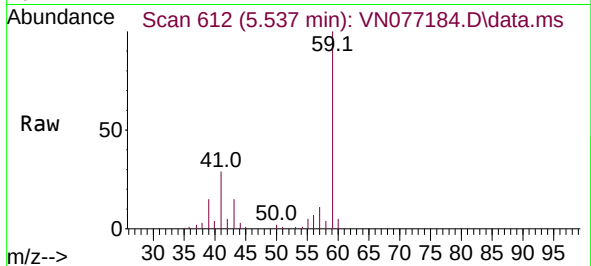
Tgt Ion: 96 Resp: 108860
Ion Ratio Lower Upper
96 100
61 160.0 121.0 181.4
98 64.6 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 90.519 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

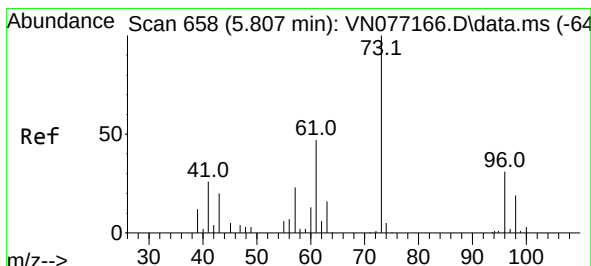
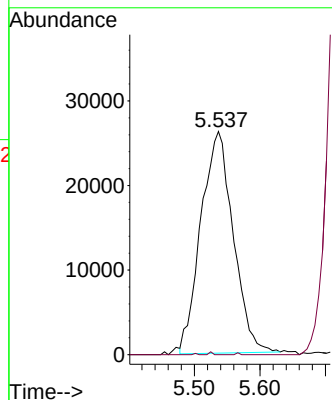
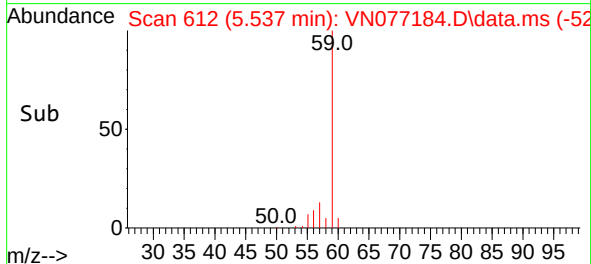
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 89993
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

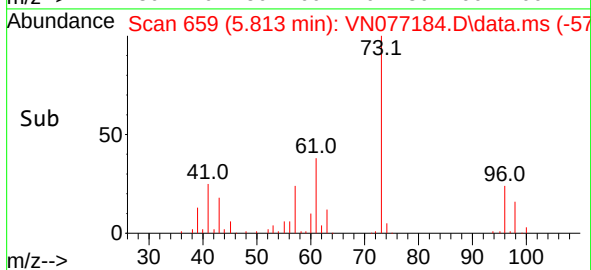
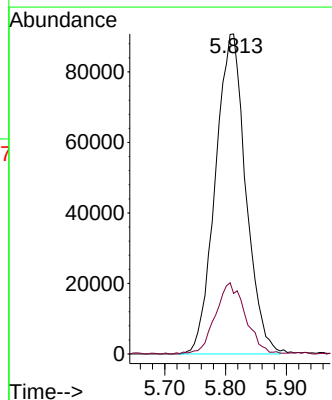
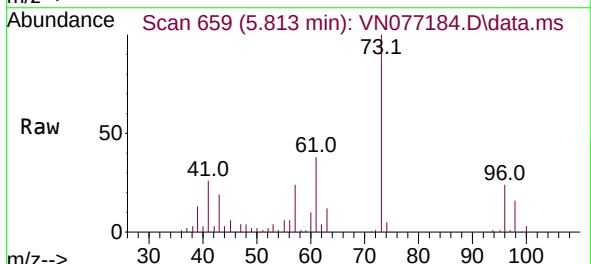
Manual Integrations
APPROVED

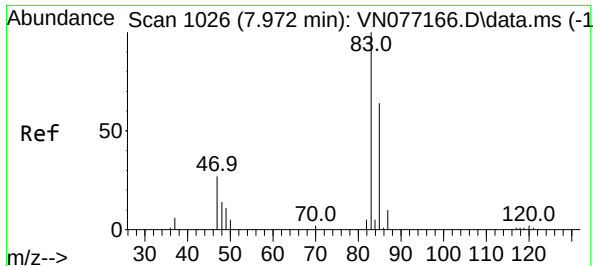
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#24
Methyl tert-Butyl Ether
Concen: 19.794 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Tgt Ion: 73 Resp: 314682
Ion Ratio Lower Upper
73 100
43 21.5 17.8 26.6





#25

Chloroform

Concen: 20.054 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077184.D

Acq: 24 Mar 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 197084

Ion Ratio Lower Upper

83 100

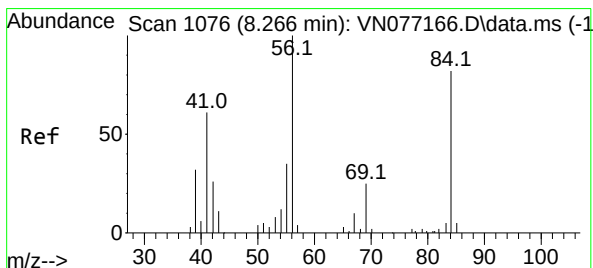
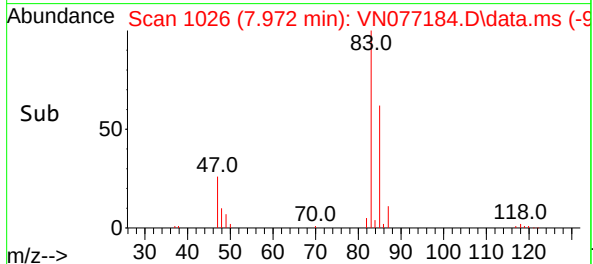
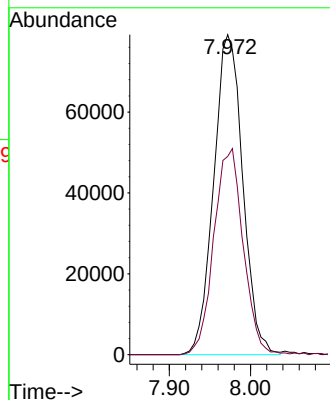
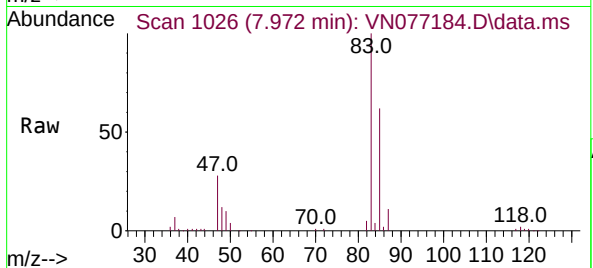
85 62.0 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#26

Cyclohexane

Concen: 18.508 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN077184.D

Acq: 24 Mar 2023 17:51

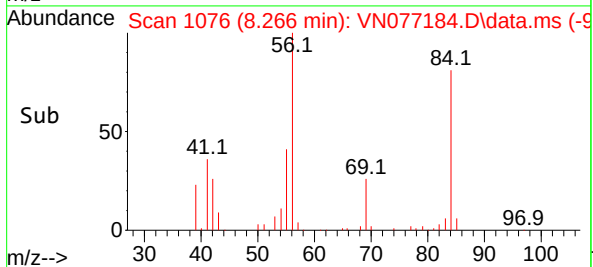
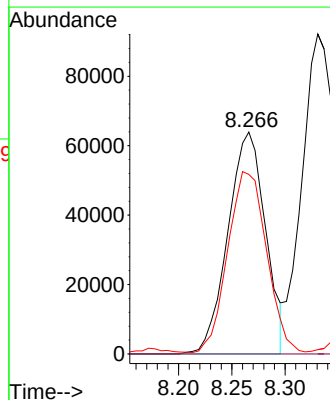
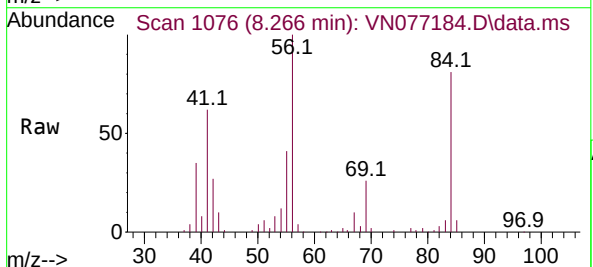
Tgt Ion: 56 Resp: 156795

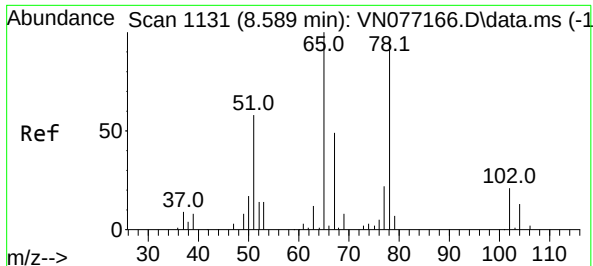
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 85.8 65.3 97.9





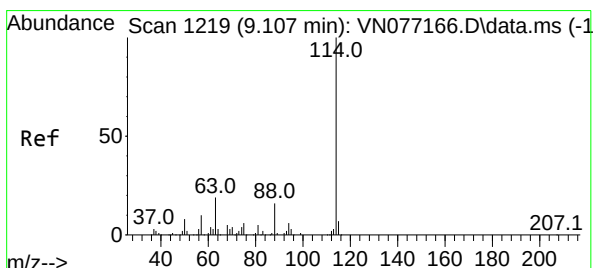
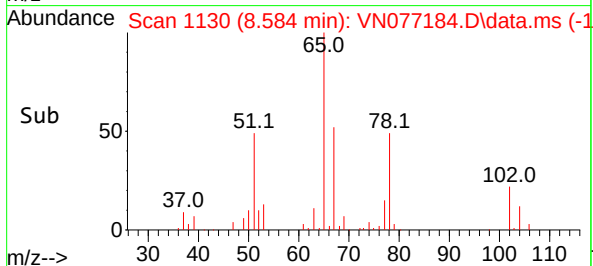
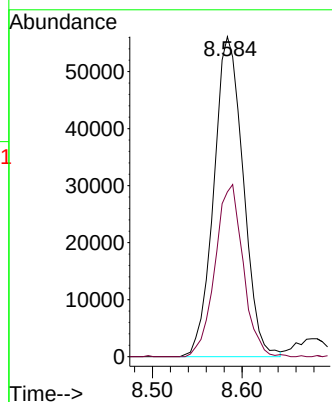
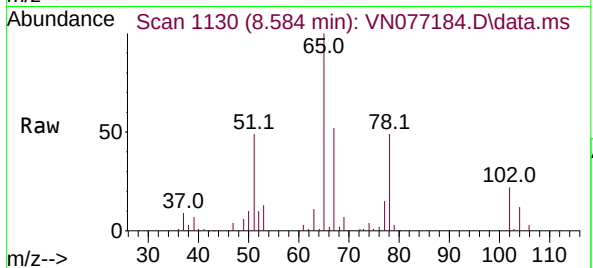
#27
1,2-Dichloroethane-d4
Concen: 29.171 ug/l
RT: 8.584 min Scan# 1131
Delta R.T. -0.005 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 12748
Ion Ratio Lower Upper
65 100
67 51.3 40.9 61.3

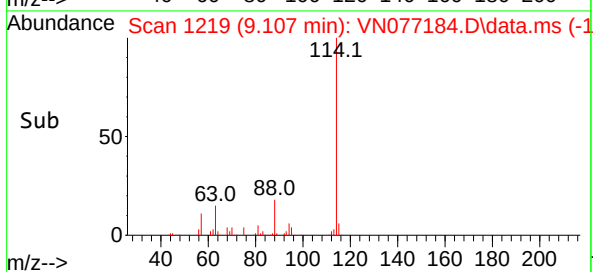
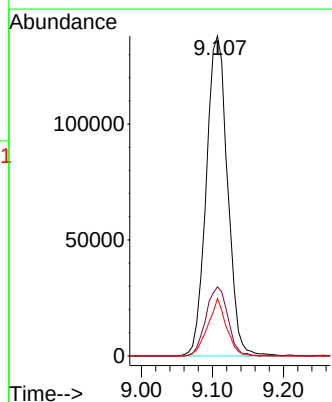
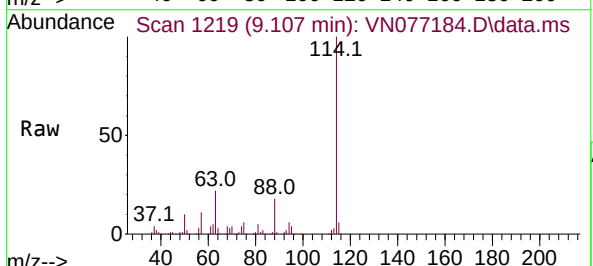
Manual Integrations
APPROVED

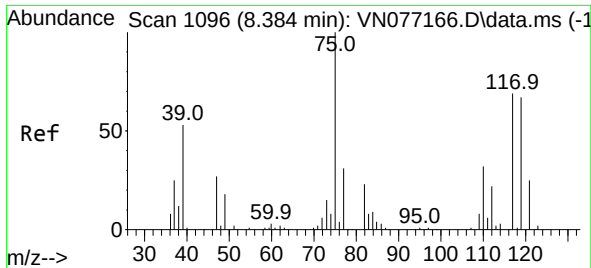
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Tgt Ion:114 Resp: 287839
Ion Ratio Lower Upper
114 100
63 22.2 17.0 25.4
88 15.7 11.6 17.4





#29
1,1-Dichloropropene
Concen: 19.174 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

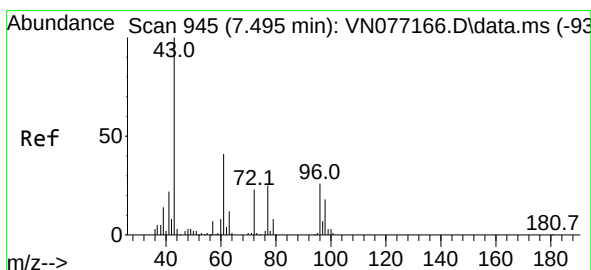
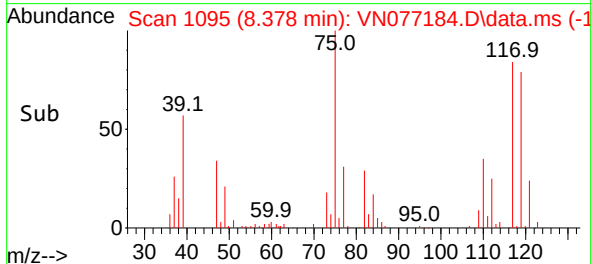
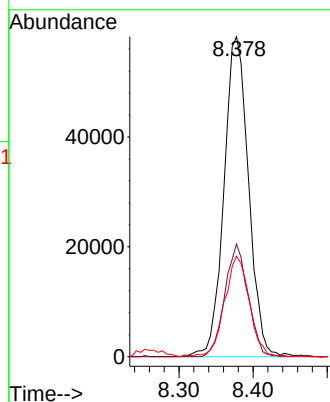
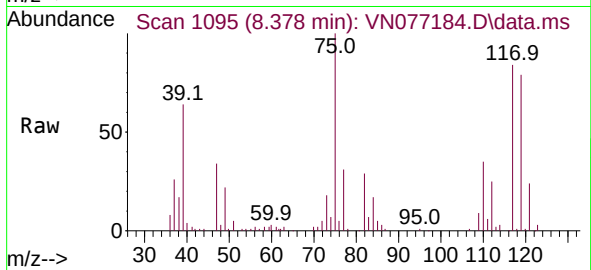
Tgt Ion: 75 Resp: 13388
Ion Ratio Lower Upper
75 100
110 33.2 0.0 67.2
77 31.4 0.0 64.4

Manual Integrations

APPROVED

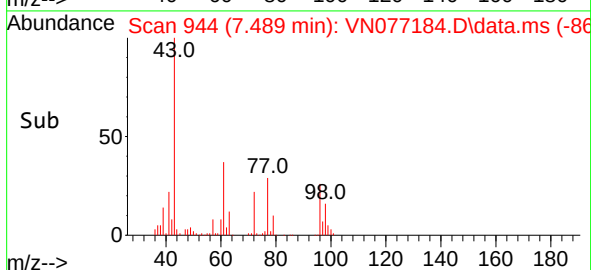
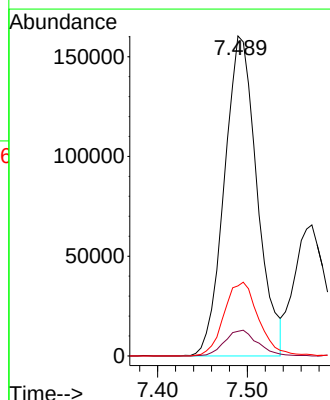
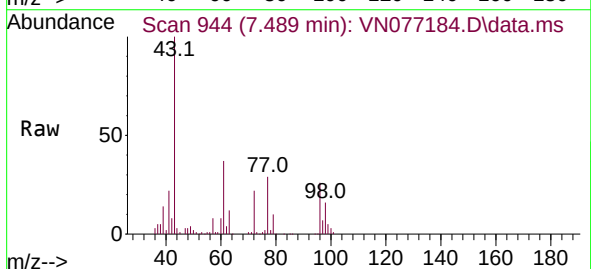
Reviewed By :John Carlone 03/27/2023

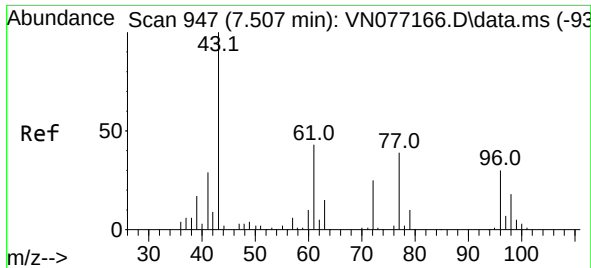
Supervised By :Semsettin Yesilyurt 03/27/2023



#30
2-Butanone
Concen: 100.742 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

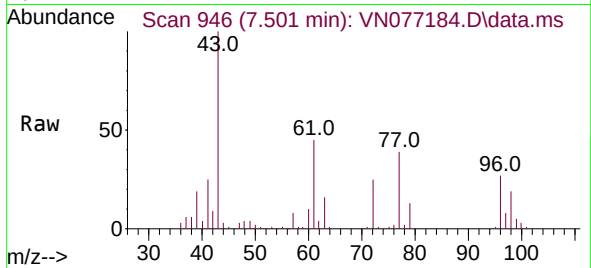
Tgt Ion: 43 Resp: 405812
Ion Ratio Lower Upper
43 100
57 8.1 6.1 9.1
72 24.4 20.2 30.4





#31
2,2-Dichloropropane
Concen: 22.454 ug/l
RT: 7.501 min Scan# 947
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

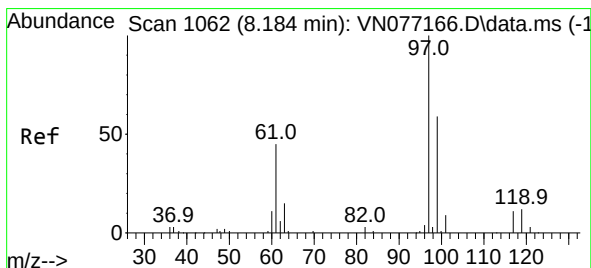
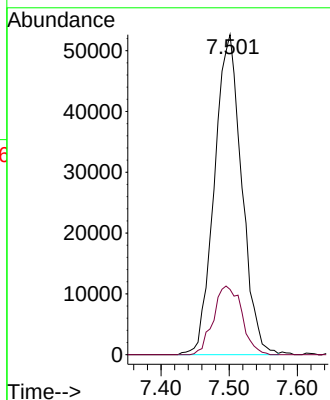
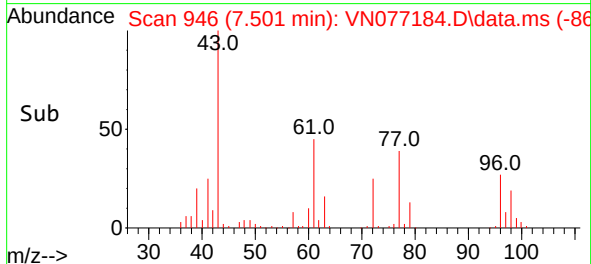
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



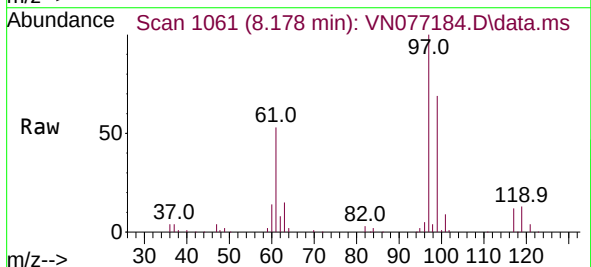
Tgt Ion: 77 Resp: 14687
Ion Ratio Lower Upper
77 100
97 22.3 7.2 10.8

Manual Integrations
APPROVED

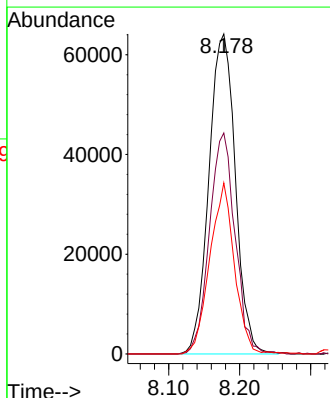
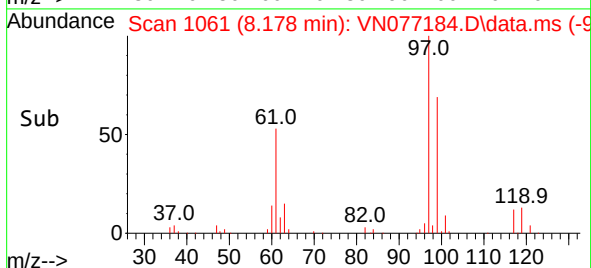
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

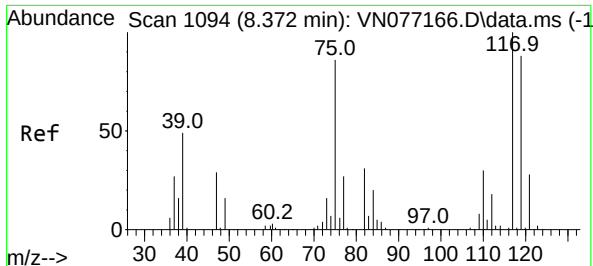


#32
1,1,1-Trichloroethane
Concen: 19.722 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51



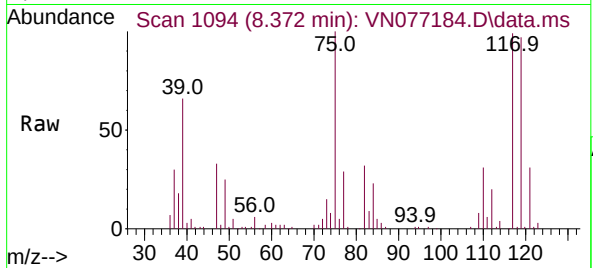
Tgt Ion: 97 Resp: 166037
Ion Ratio Lower Upper
97 100
99 66.7 51.8 77.8
61 49.3 39.3 58.9





#33
Carbon Tetrachloride
Concen: 19.889 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

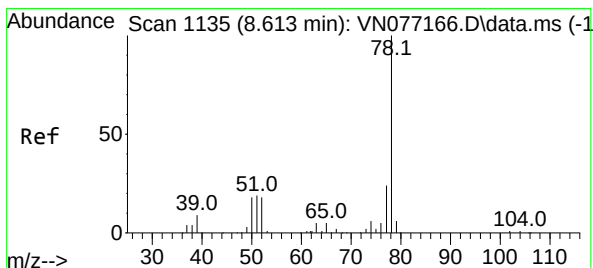
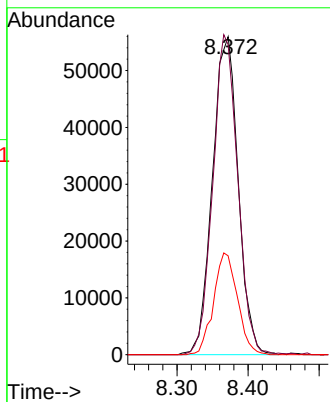
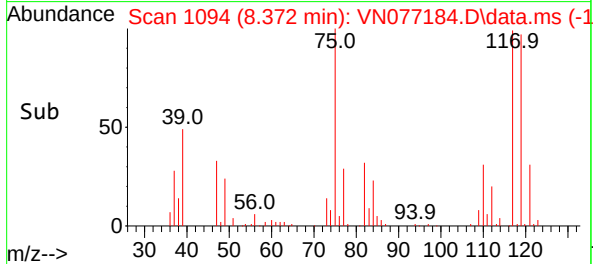
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



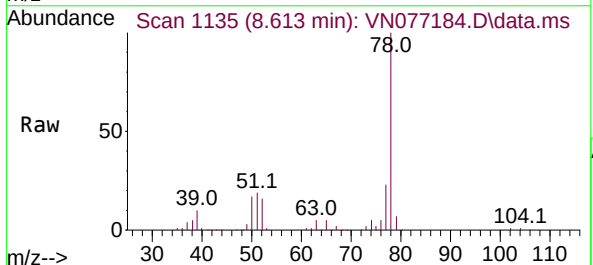
Tgt Ion:117 Resp: 140669
Ion Ratio Lower Upper
117 100
119 97.5 79.8 119.8
121 31.1 23.4 35.0

Manual Integrations
APPROVED

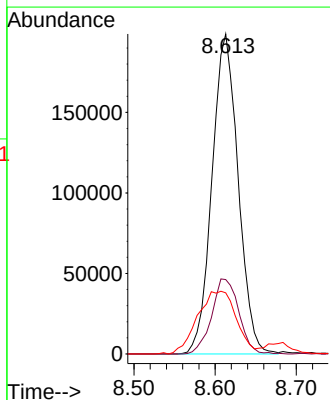
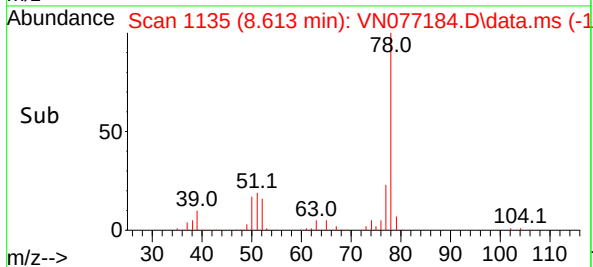
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

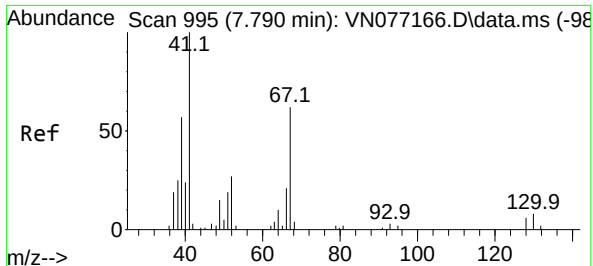


#34
Benzene
Concen: 20.795 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51



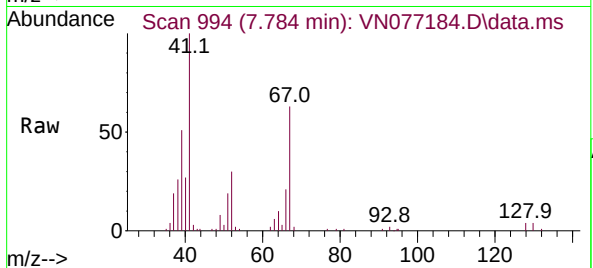
Tgt Ion: 78 Resp: 445095
Ion Ratio Lower Upper
78 100
77 23.2 17.4 26.2
51 17.3 13.8 20.6





#35
Methacrylonitrile
Concen: 18.940 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

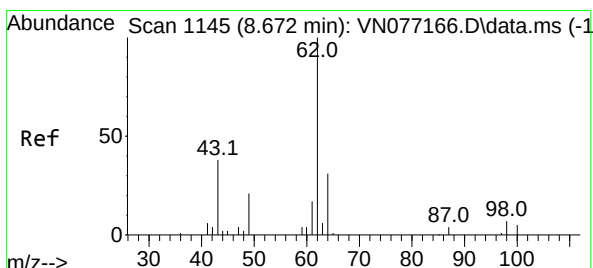
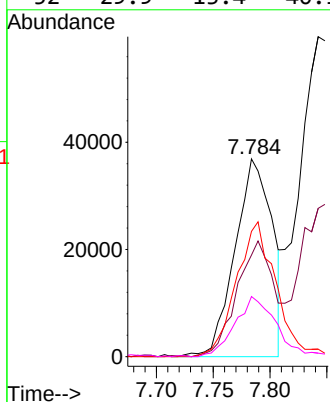
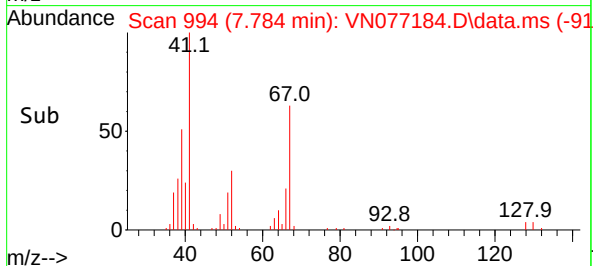
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 83748
Ion Ratio Lower Upper
41 100
39 51.0 26.6 79.7
67 63.4 32.3 96.9
52 29.9 13.4 40.1

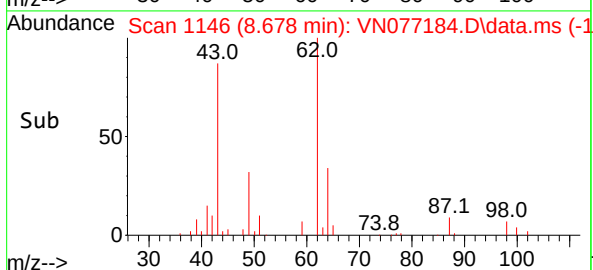
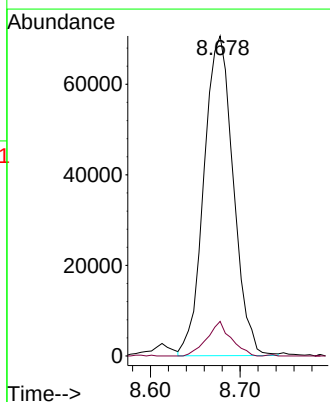
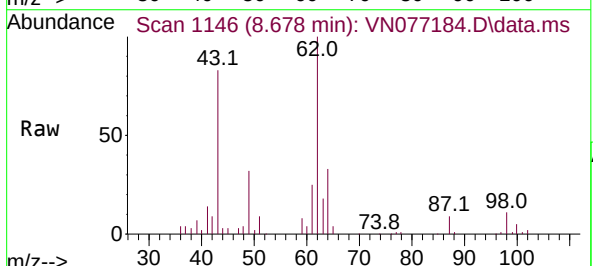
Manual Integrations
APPROVED

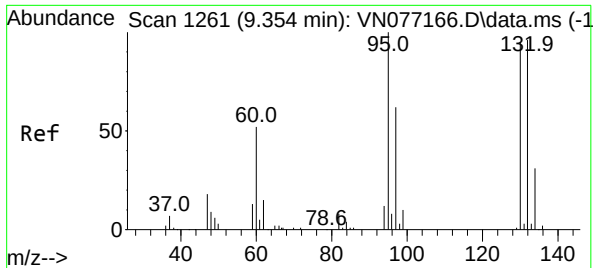
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#36
1,2-Dichloroethane
Concen: 20.281 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Tgt Ion: 62 Resp: 160031
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.0





#37

Trichloroethene

Concen: 19.539 ug/l

RT: 9.360 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077184.D

Acq: 24 Mar 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 94540

Ion Ratio Lower Upper

130 100

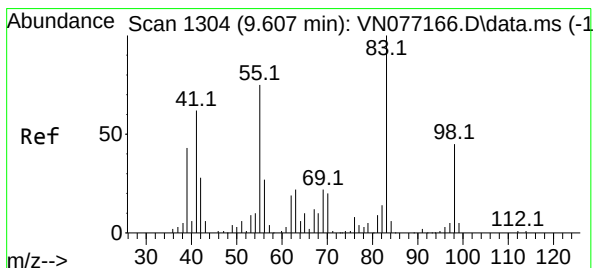
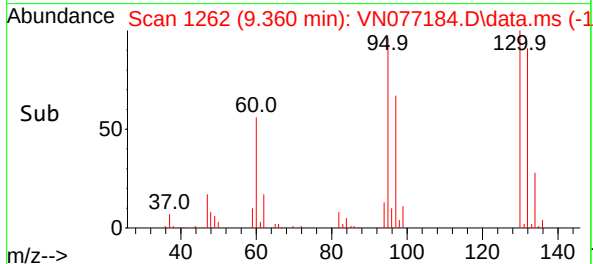
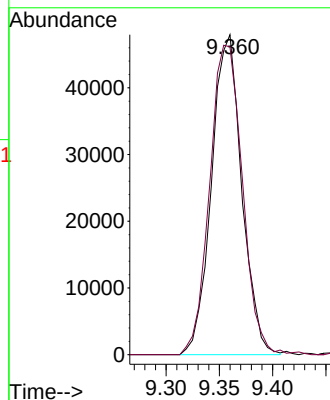
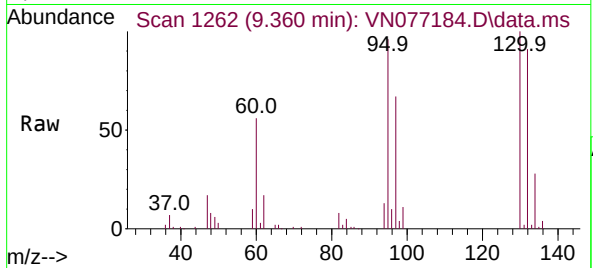
95 96.2 78.7 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#38

Methylcyclohexane

Concen: 18.826 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN077184.D

Acq: 24 Mar 2023 17:51

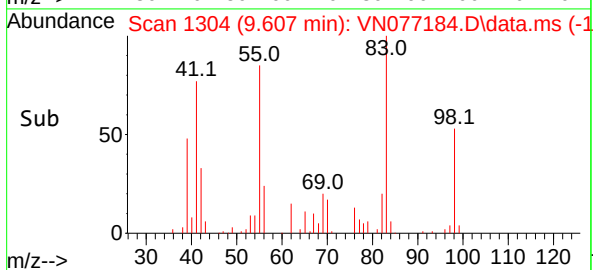
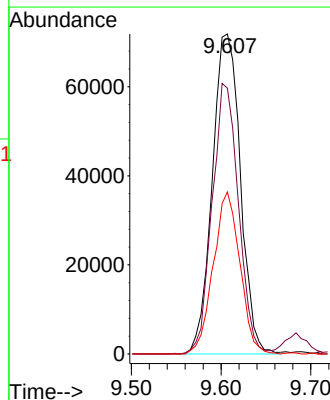
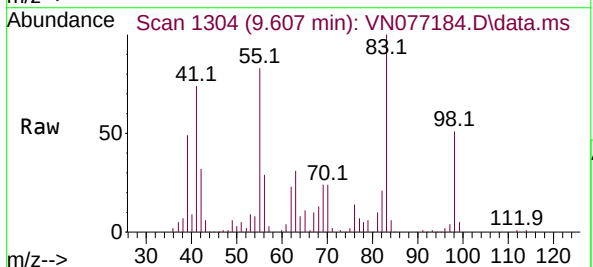
Tgt Ion: 83 Resp: 156482

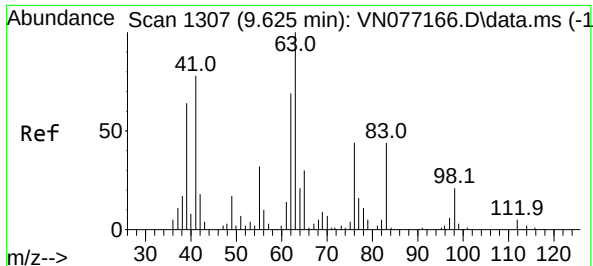
Ion Ratio Lower Upper

83 100

55 79.0 37.6 112.9

98 47.9 24.1 72.4





#39

1,2-Dichloropropane

Concen: 20.301 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077184.D

Acq: 24 Mar 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDC020EC

Tgt Ion: 63 Resp: 11632

Ion Ratio Lower Upper

63 100

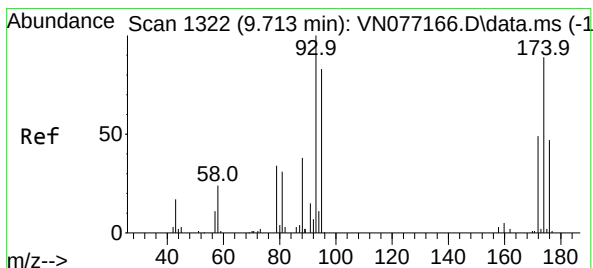
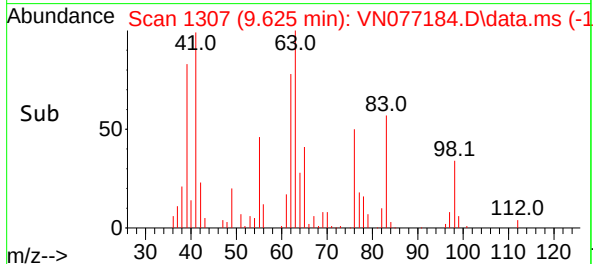
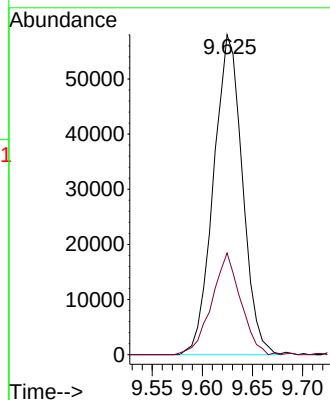
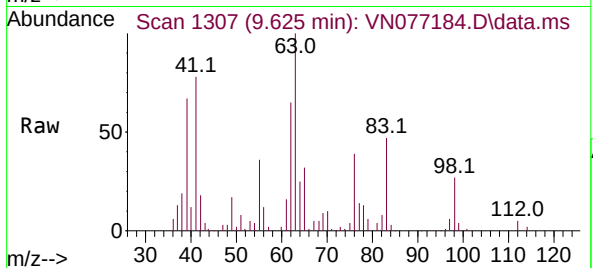
65 31.7 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#40

Dibromomethane

Concen: 20.763 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077184.D

Acq: 24 Mar 2023 17:51

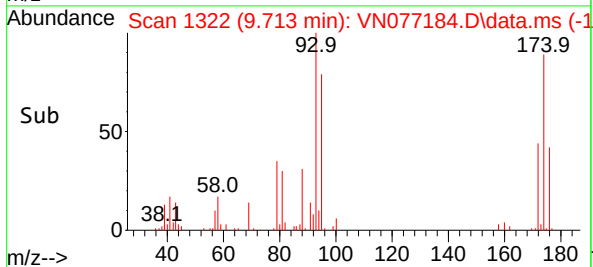
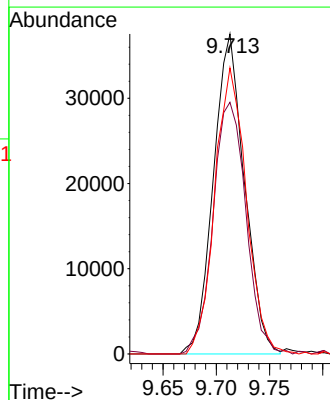
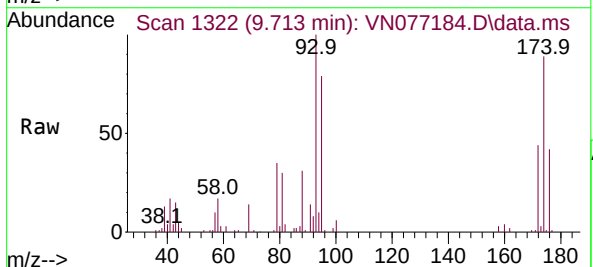
Tgt Ion: 93 Resp: 76081

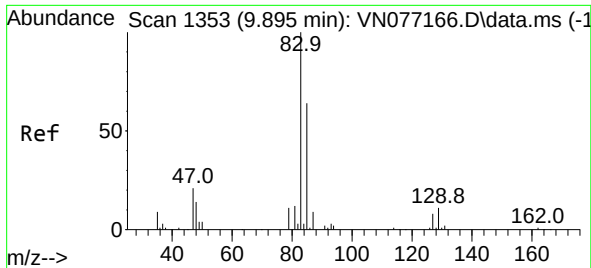
Ion Ratio Lower Upper

93 100

95 83.1 0.0 158.0

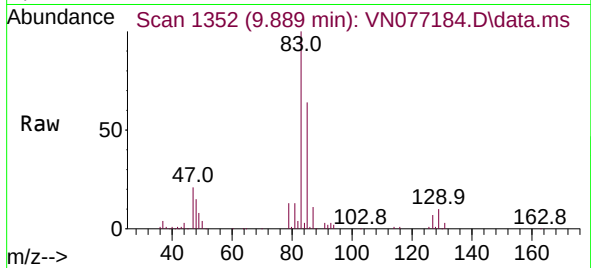
174 90.7 0.0 171.2





#41
Bromodichloromethane
Concen: 20.012 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

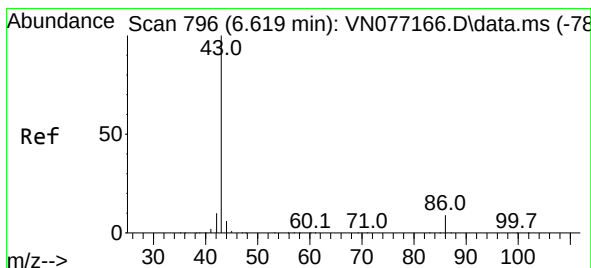
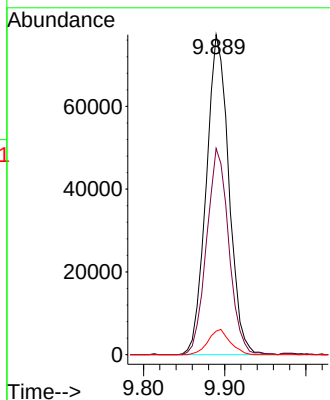
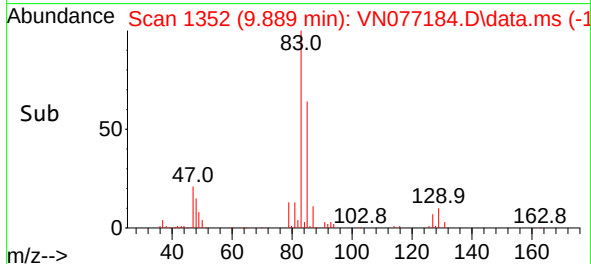
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



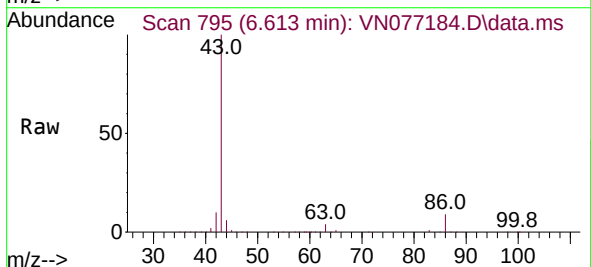
Tgt Ion: 83 Resp: 149310
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.4
127 7.4 6.2 9.2

Manual Integrations
APPROVED

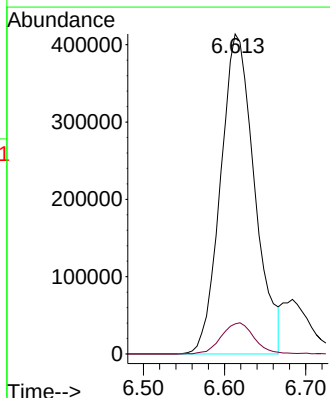
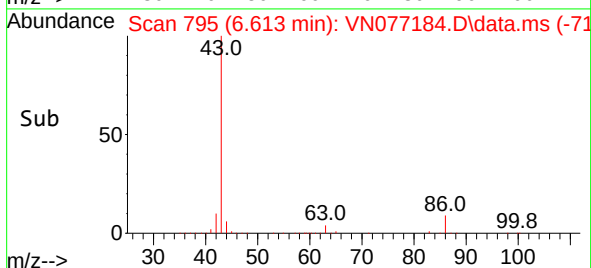
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

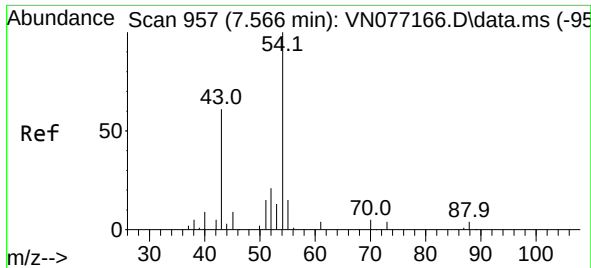


#42
Vinyl Acetate
Concen: 99.864 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51



Tgt Ion: 43 Resp: 1205781
Ion Ratio Lower Upper
43 100
86 9.4 7.8 11.6





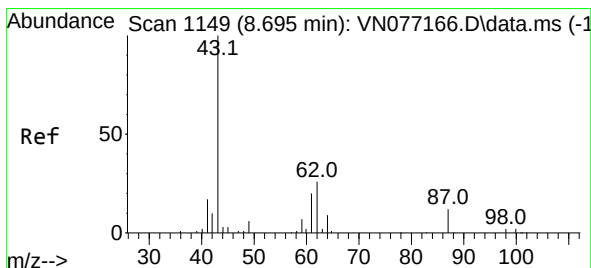
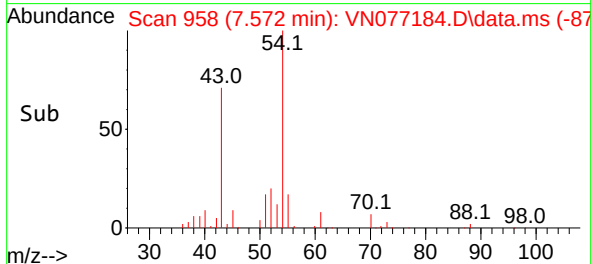
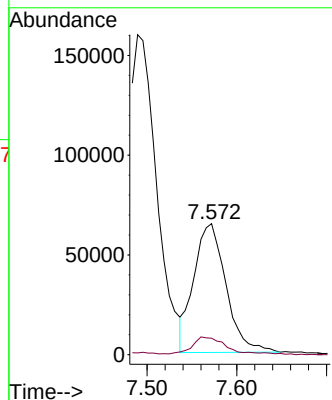
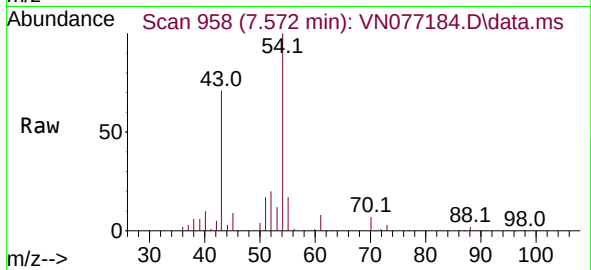
#43
Ethyl Acetate
Concen: 20.059 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 16142
Ion Ratio Lower Upper
43 100
45 12.2 11.2 16.8

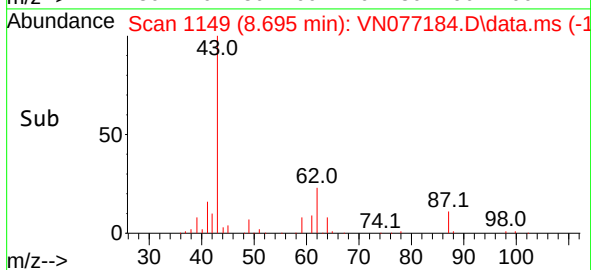
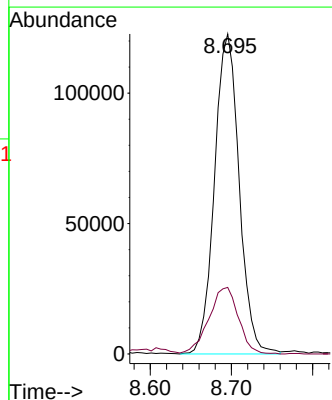
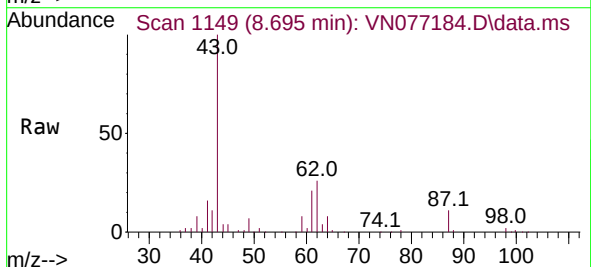
Manual Integrations
APPROVED

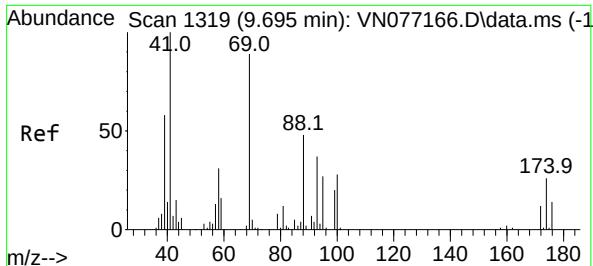
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#44
Isopropyl Acetate
Concen: 19.963 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

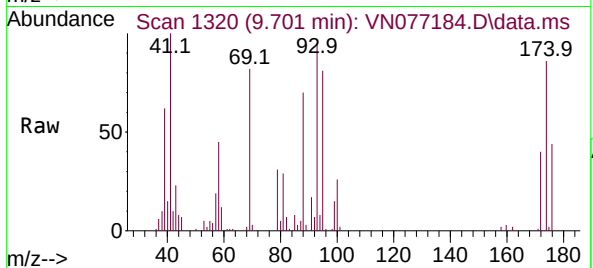
Tgt Ion: 43 Resp: 259256
Ion Ratio Lower Upper
43 100
61 24.9 19.5 29.3





#45
1,4-Dioxane
Concen: 383.654 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

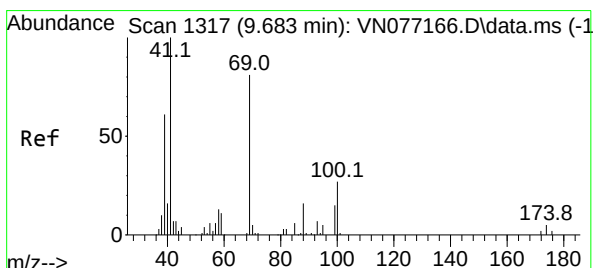
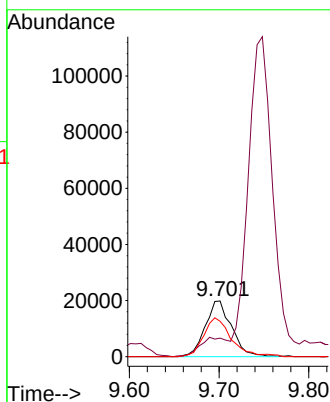
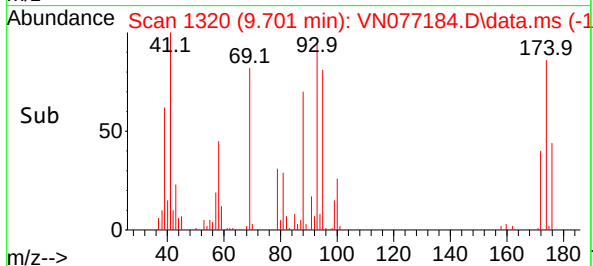
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



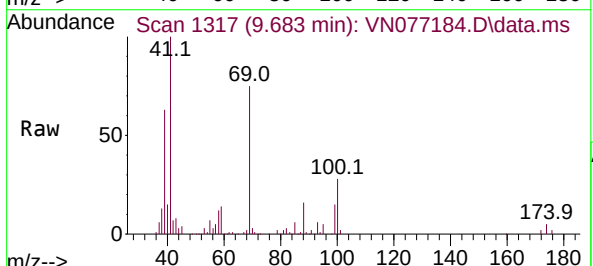
Tgt Ion: 88 Resp: 4051
Ion Ratio Lower Upper
88 100
43 37.8 26.0 39.0
58 71.1 54.3 81.5

Manual Integrations
APPROVED

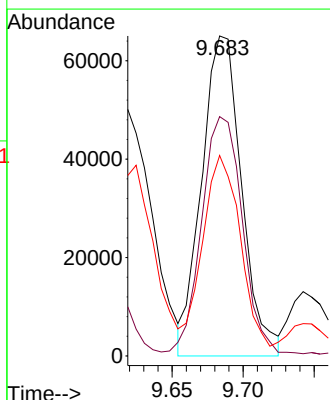
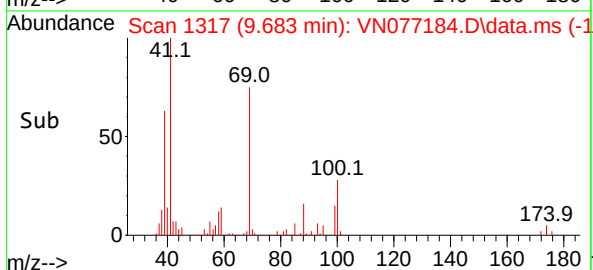
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

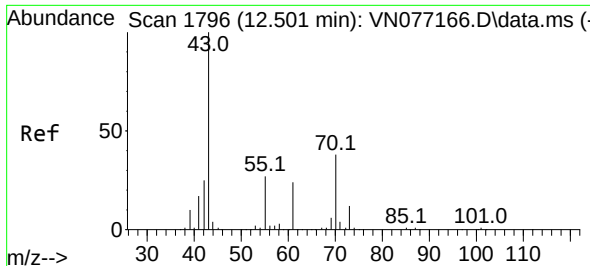


#46
Methyl methacrylate
Concen: 21.270 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51



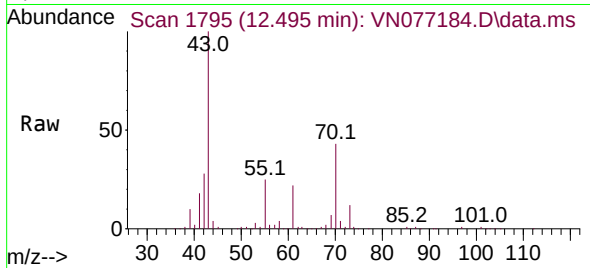
Tgt Ion: 41 Resp: 127363
Ion Ratio Lower Upper
41 100
69 78.5 40.6 121.7
39 62.2 30.5 91.5





#47
n-amyl acetate
Concen: 18.532 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

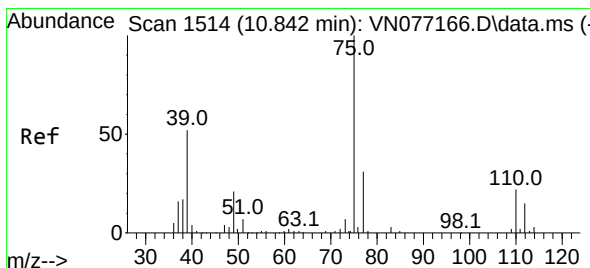
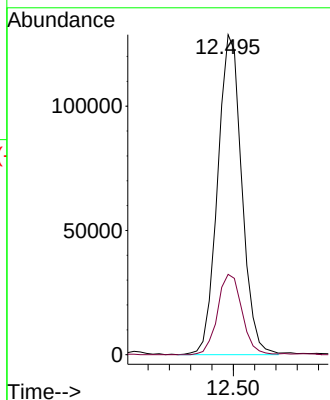
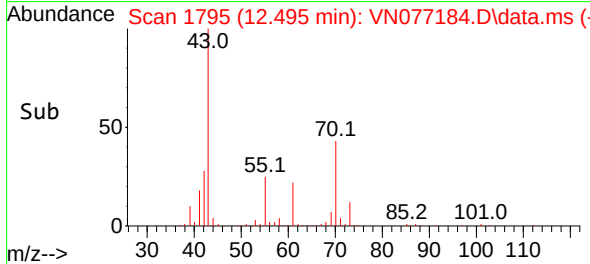
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 20248
Ion Ratio Lower Upper
43 100
55 25.4 18.3 27.5

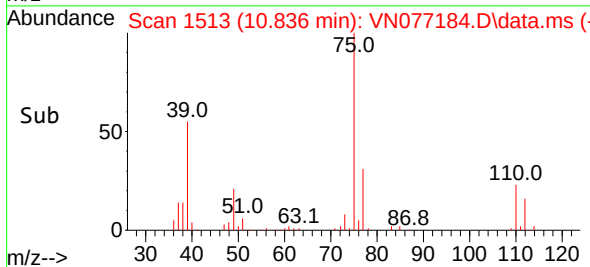
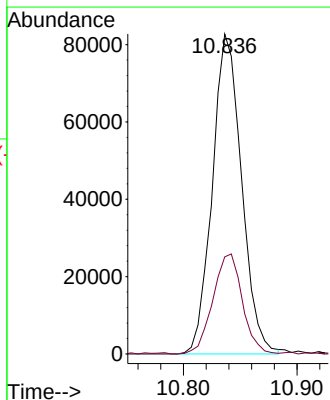
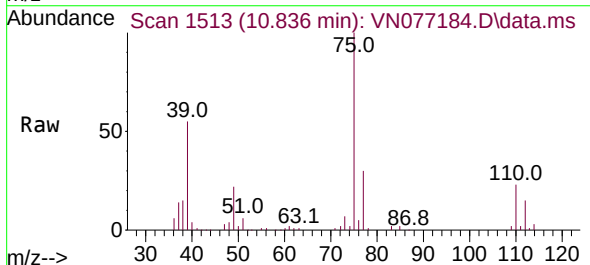
Manual Integrations
APPROVED

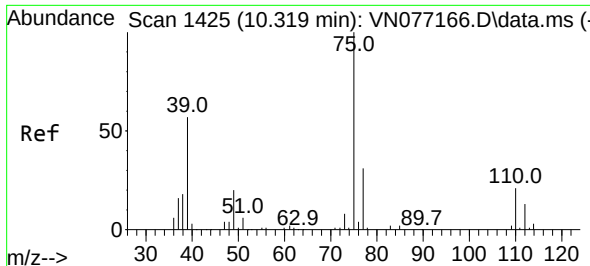
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#48
t-1,3-Dichloropropene
Concen: 19.526 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Tgt Ion: 75 Resp: 147986
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.2





#49
 cis-1,3-Dichloropropene
 Concen: 20.054 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VN077184.D
 Acq: 24 Mar 2023 17:51

Instrument :

MSVOA_N

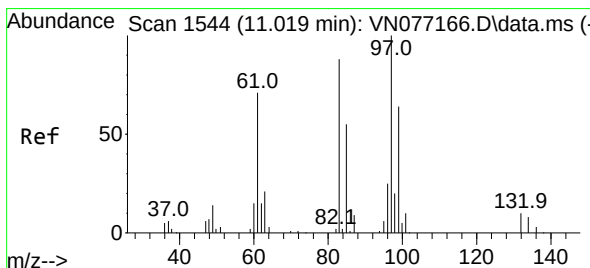
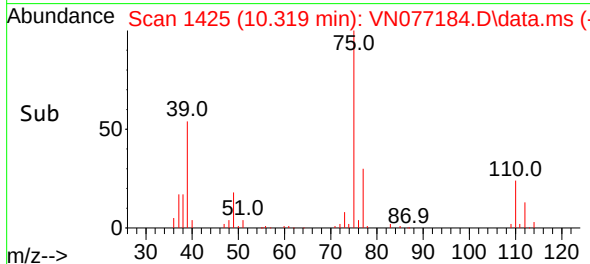
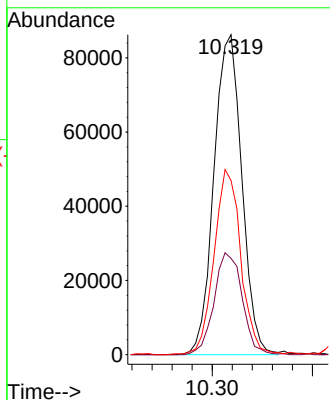
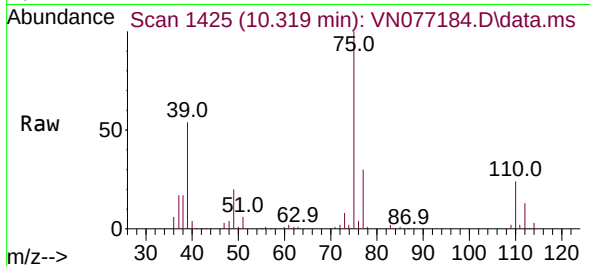
ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 166394
 Ion Ratio Lower Upper
 75 100
 77 30.1 27.5 41.3
 39 54.2 43.5 65.3

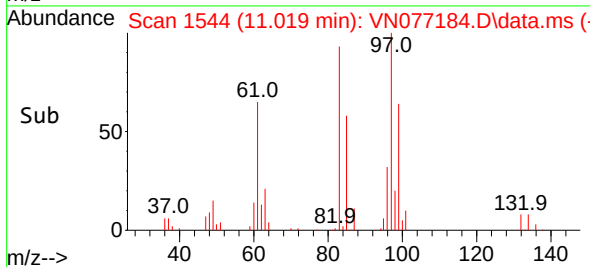
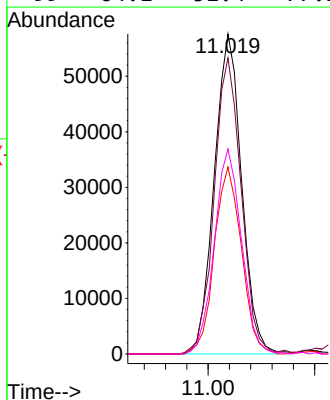
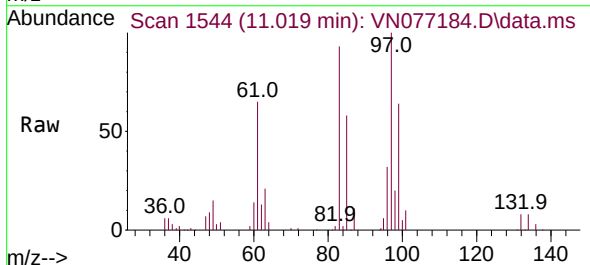
Manual Integrations
 APPROVED

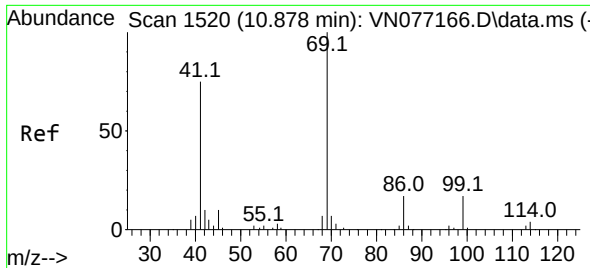
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#50
 1,1,2-Trichloroethane
 Concen: 19.960 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077184.D
 Acq: 24 Mar 2023 17:51

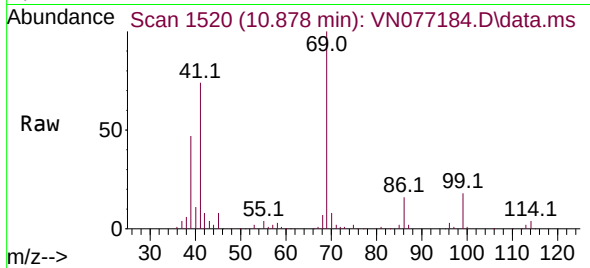
Tgt Ion: 97 Resp: 102665
 Ion Ratio Lower Upper
 97 100
 83 92.5 71.0 106.4
 85 58.4 45.5 68.3
 99 64.1 51.4 77.2





#51
Ethyl methacrylate
Concen: 18.935 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

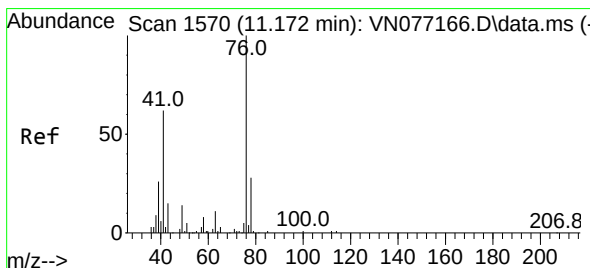
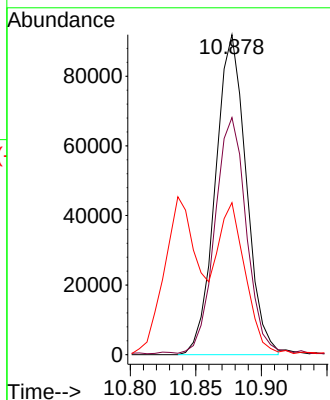
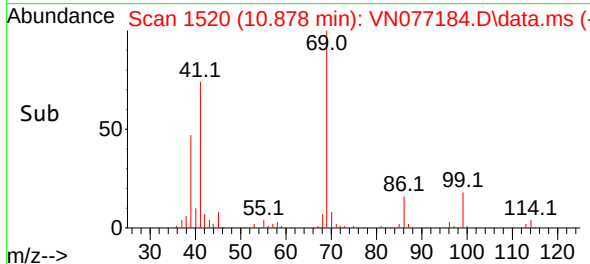
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



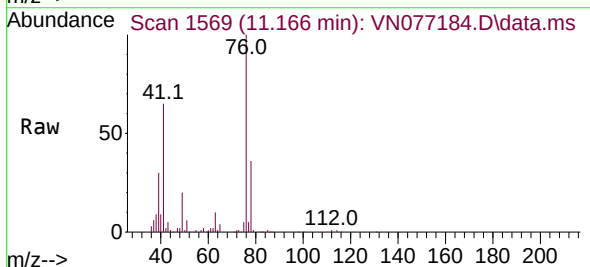
Tgt Ion: 69 Resp: 150378
Ion Ratio Lower Upper
69 100
41 73.7 36.3 108.7
39 46.6 19.9 59.7

Manual Integrations
APPROVED

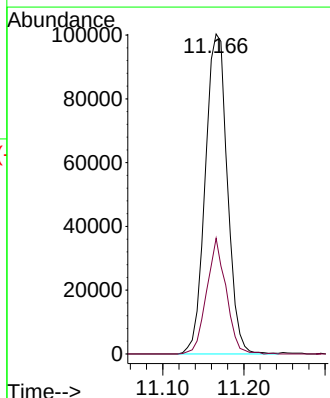
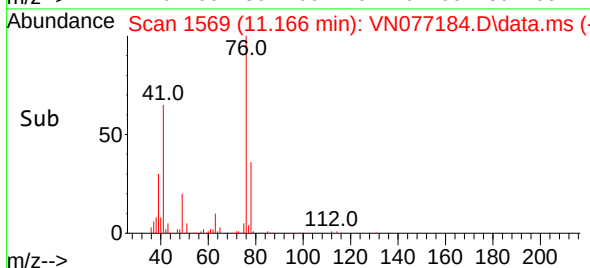
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

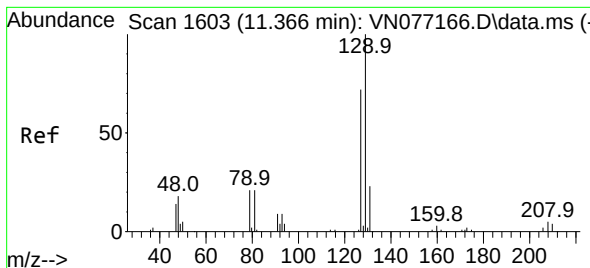


#52
1,3-Dichloropropane
Concen: 20.751 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51



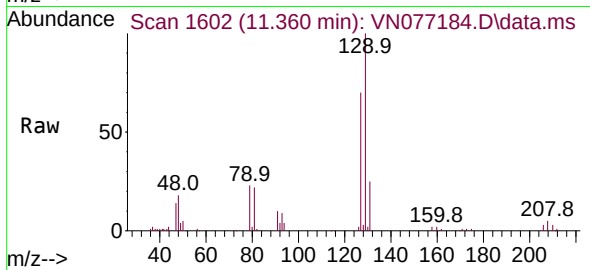
Tgt Ion: 76 Resp: 189460
Ion Ratio Lower Upper
76 100
78 31.8 0.0 65.4





#53
Dibromochloromethane
Concen: 20.269 ug/l
RT: 11.360 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

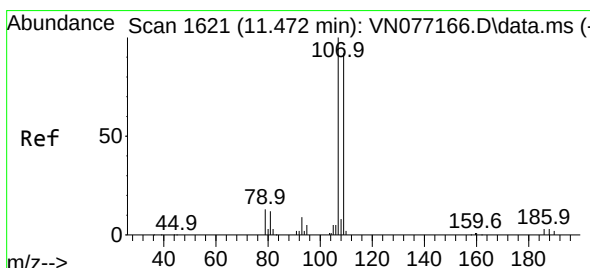
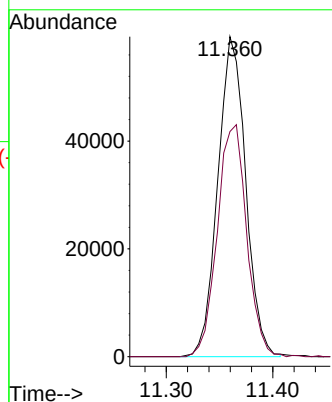
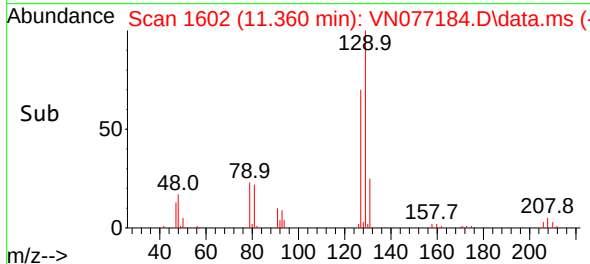
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



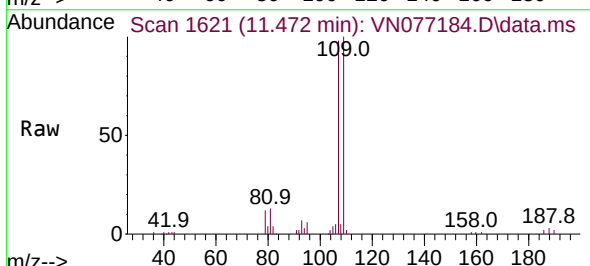
Tgt Ion:129 Resp: 107945
Ion Ratio Lower Upper
129 100
127 76.3 39.4 118.1

Manual Integrations
APPROVED

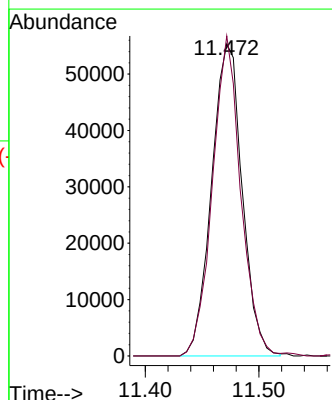
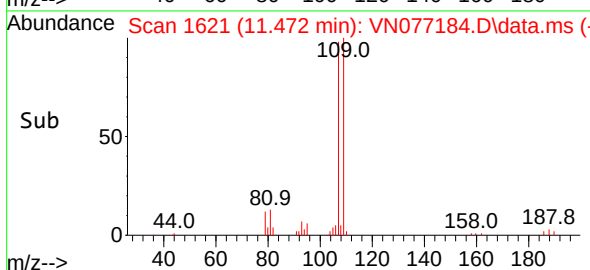
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

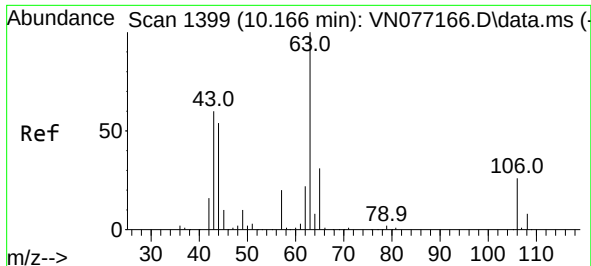


#54
1,2-Dibromoethane
Concen: 20.480 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51



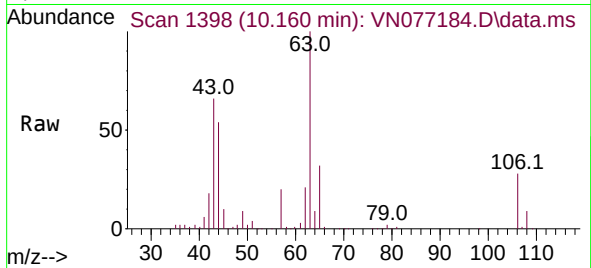
Tgt Ion:107 Resp: 103661
Ion Ratio Lower Upper
107 100
109 94.7 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 90.671 ug/l
RT: 10.160 min Scan# 1399
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

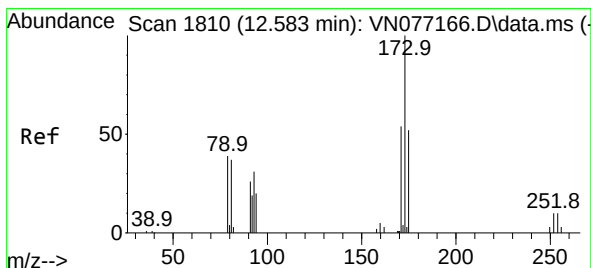
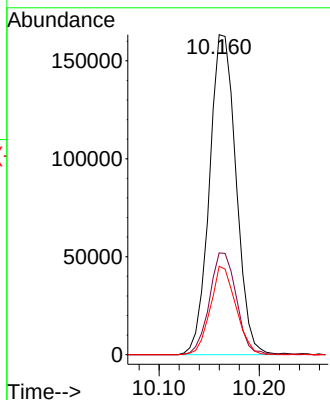
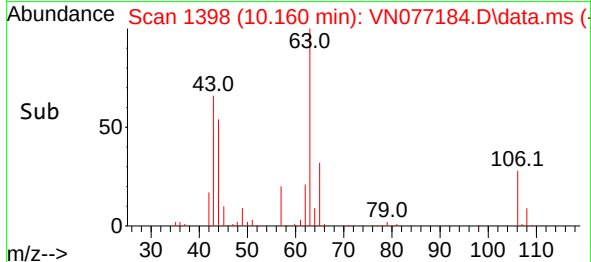
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 30106
Ion Ratio Lower Upper
63 100
65 32.1 26.3 39.5
106 26.5 21.6 32.4

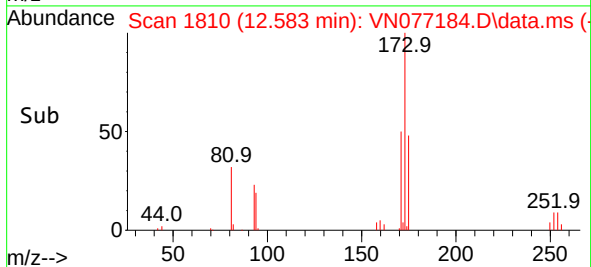
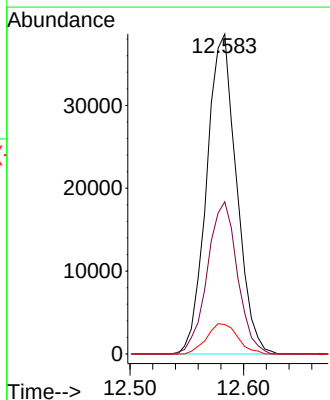
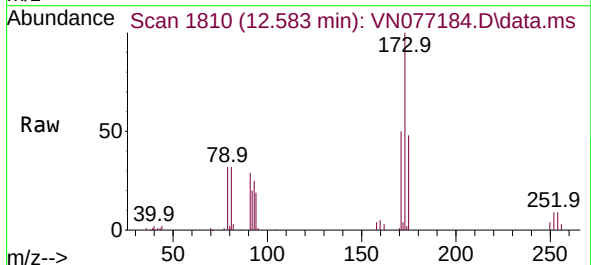
Manual Integrations
APPROVED

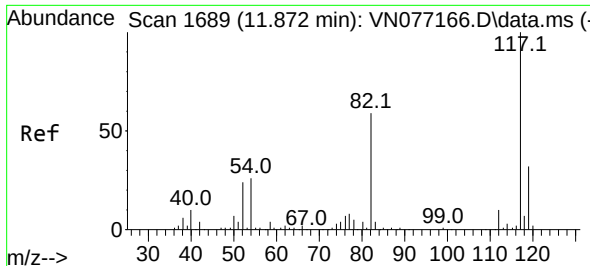
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#56
Bromoform
Concen: 18.874 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Tgt Ion:173 Resp: 70533
Ion Ratio Lower Upper
173 100
175 48.0 37.8 56.6
254 9.8 7.3 10.9





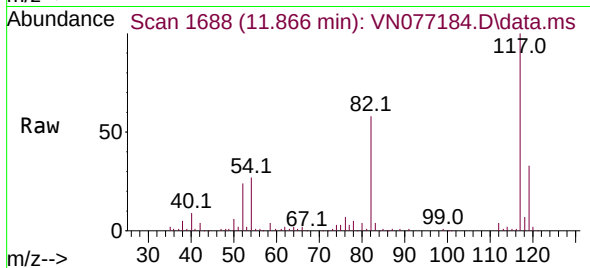
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



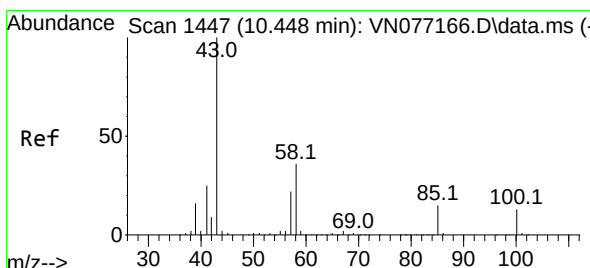
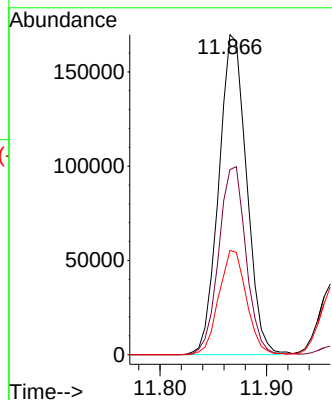
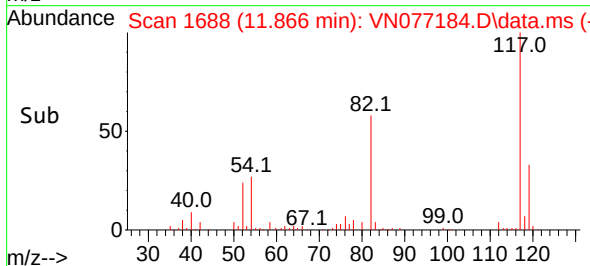
Tgt Ion:117 Resp: 307730
Ion Ratio Lower Upper
117 100
82 57.8 45.4 68.0
119 32.3 26.8 40.2

Manual Integrations

APPROVED

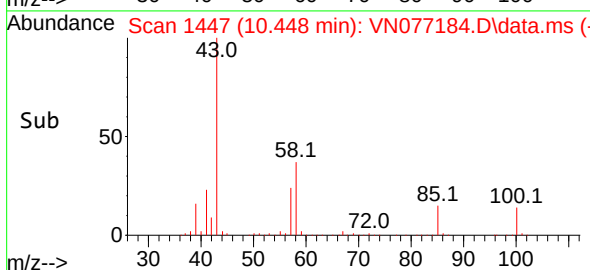
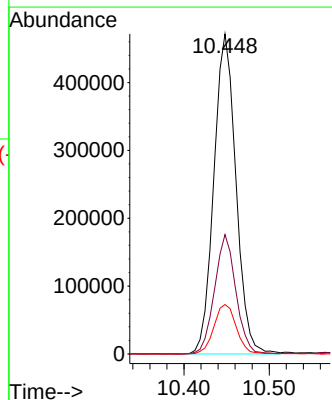
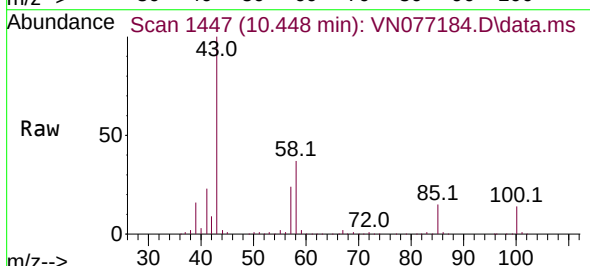
Reviewed By :John Carlone 03/27/2023

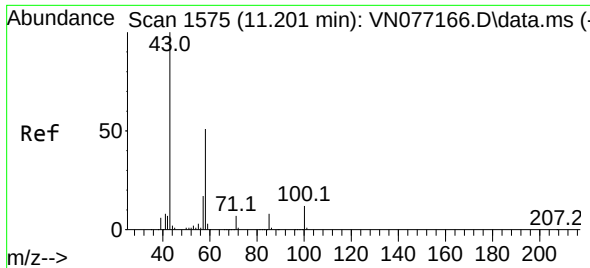
Supervised By :Semsettin Yesilyurt 03/27/2023



#58
4-Methyl-2-Pentanone
Concen: 106.942 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

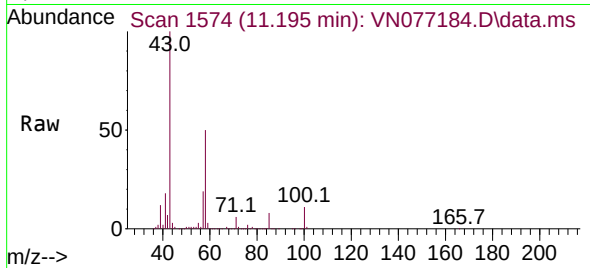
Tgt Ion: 43 Resp: 849357
Ion Ratio Lower Upper
43 100
58 36.0 28.6 42.8
85 15.7 11.8 17.8





#59
2-Hexanone
Concen: 104.273 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

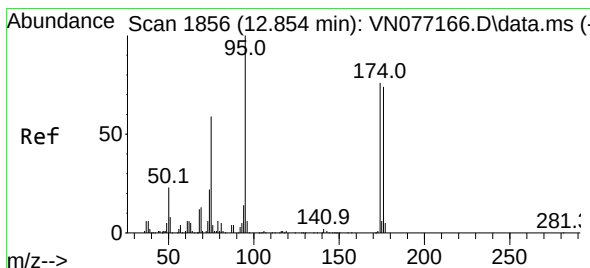
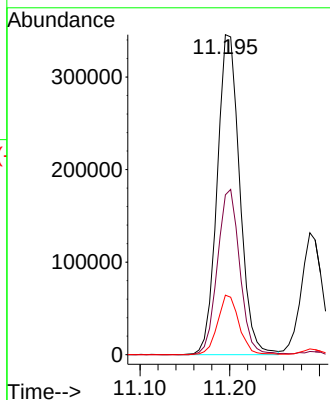
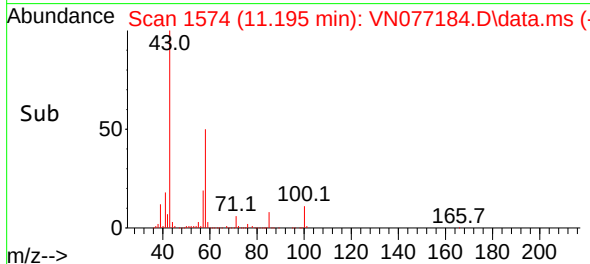
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 60384
Ion Ratio Lower Upper
43 100
58 51.2 40.6 60.8
57 17.6 13.1 19.7

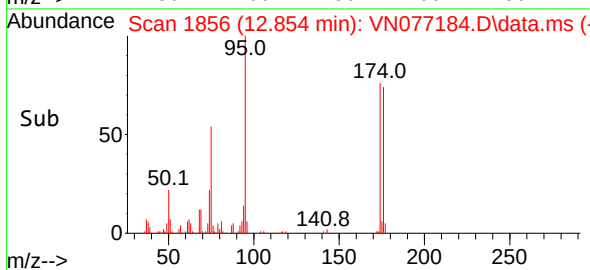
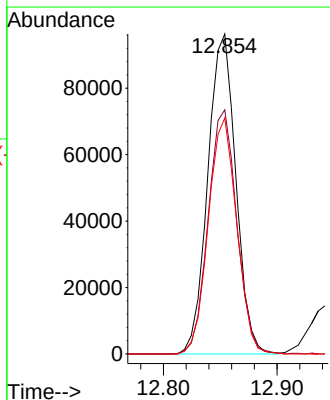
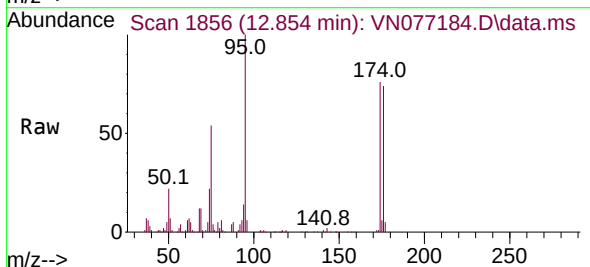
Manual Integrations
APPROVED

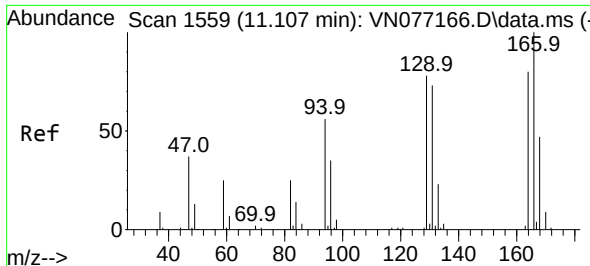
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#60
4-Bromofluorobenzene
Concen: 29.883 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

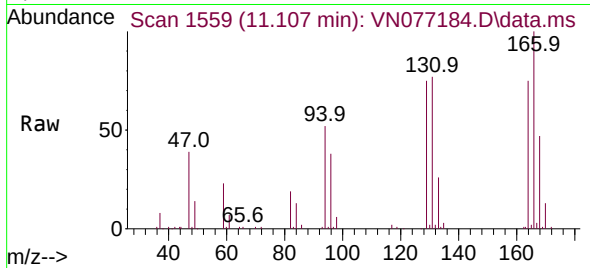
Tgt Ion: 95 Resp: 165201
Ion Ratio Lower Upper
95 100
174 77.6 64.2 96.4
176 74.6 61.4 92.0





#61
Tetrachloroethene
Concen: 20.862 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

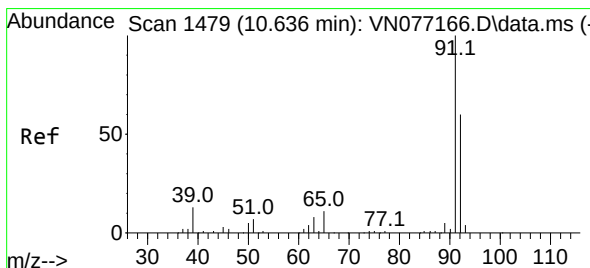
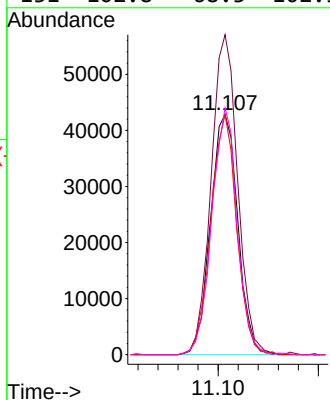
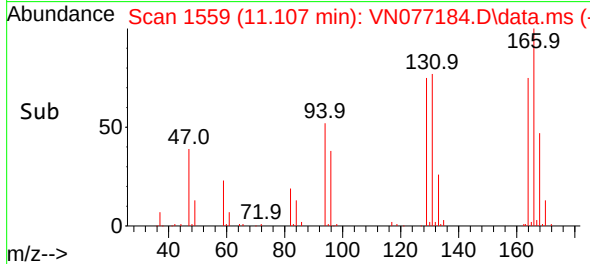
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 80570
Ion Ratio Lower Upper
164 100
166 133.2 96.2 144.2
129 100.0 78.2 117.4
131 102.8 68.3 102.5#

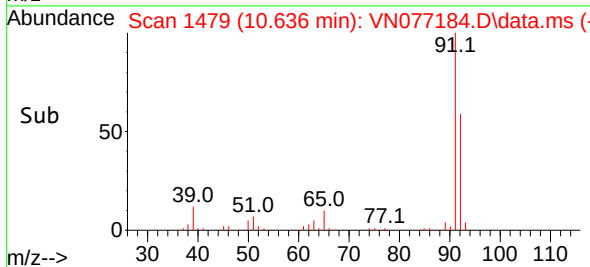
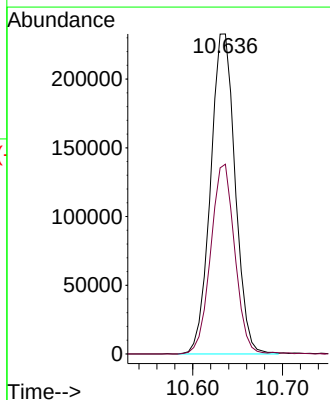
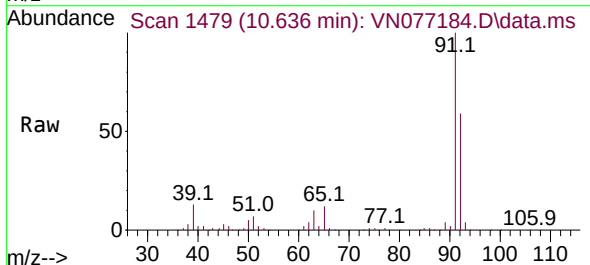
Manual Integrations
APPROVED

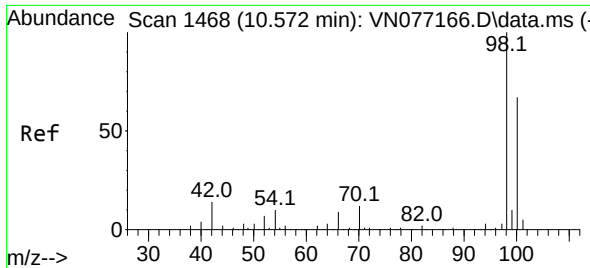
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#62
Toluene
Concen: 20.520 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Tgt Ion: 91 Resp: 443806
Ion Ratio Lower Upper
91 100
92 57.7 46.3 69.5





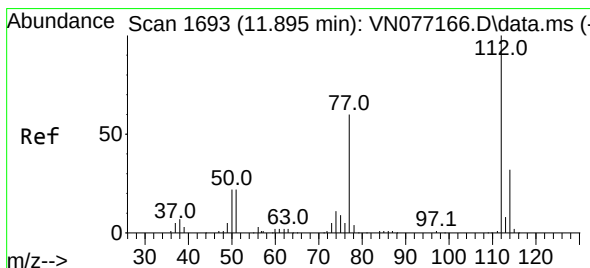
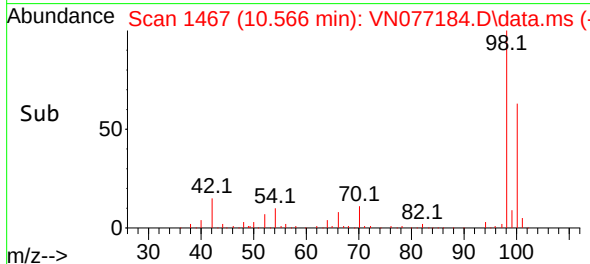
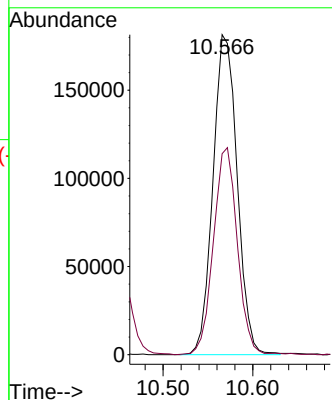
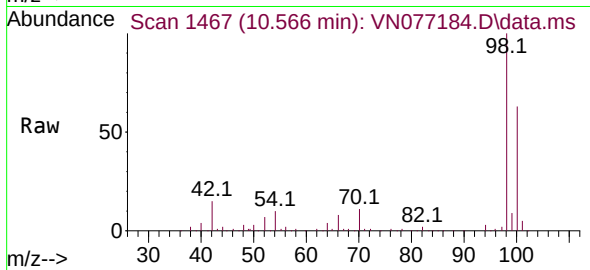
#63
Toluene-d8
Concen: 30.940 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 33987
Ion Ratio Lower Upper
98 100
100 63.7 53.8 80.6

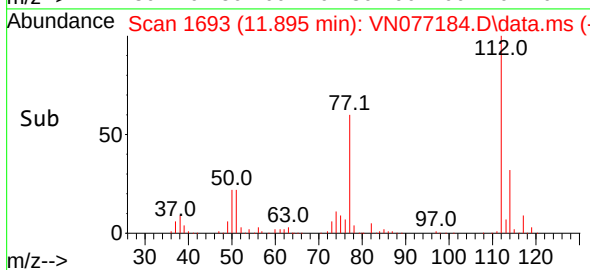
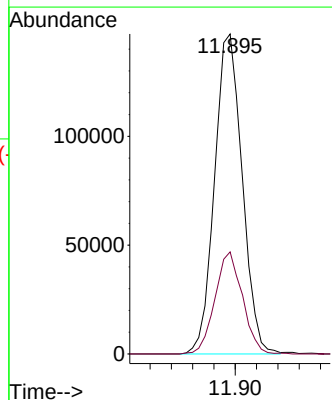
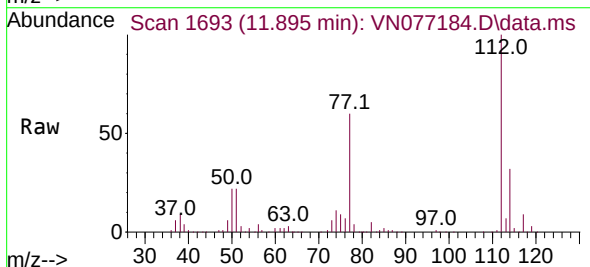
Manual Integrations
APPROVED

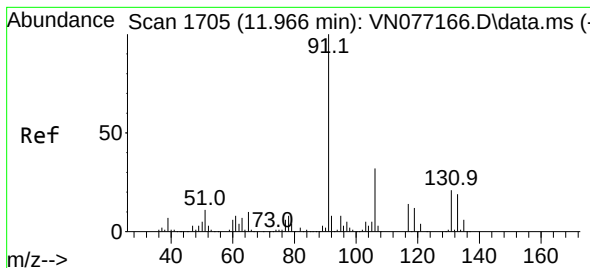
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#64
Chlorobenzene
Concen: 20.662 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Tgt Ion:112 Resp: 264383
Ion Ratio Lower Upper
112 100
114 31.9 24.5 36.7





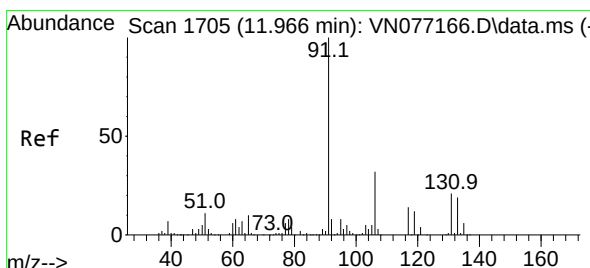
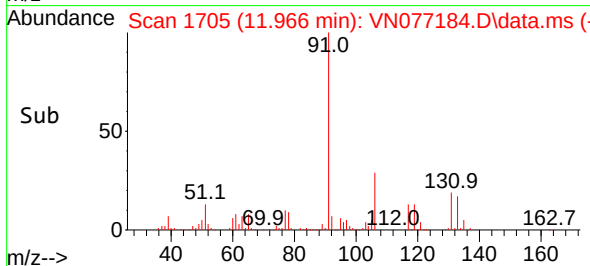
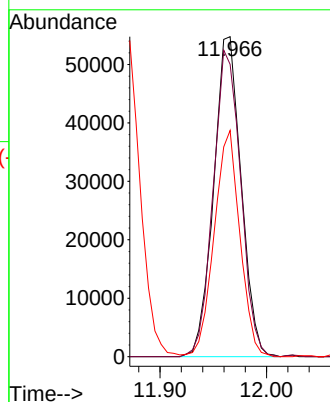
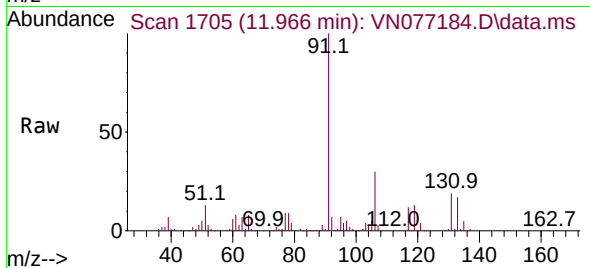
#65
1,1,1,2-Tetrachloroethane
Concen: 20.864 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 9804
Ion Ratio Lower Upper
131 100
133 95.8 0.0 197.6
119 66.2 0.0 127.8

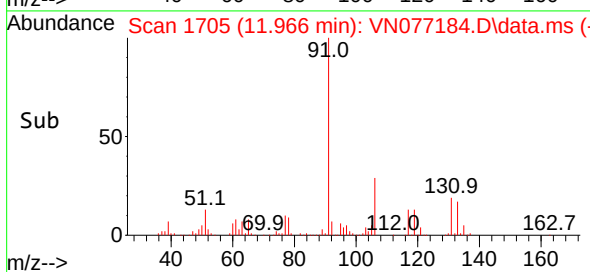
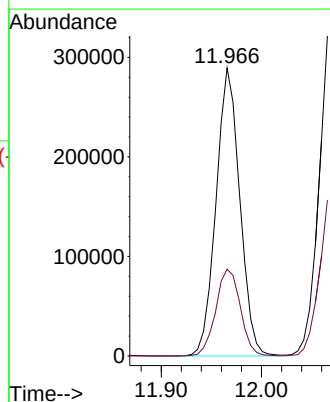
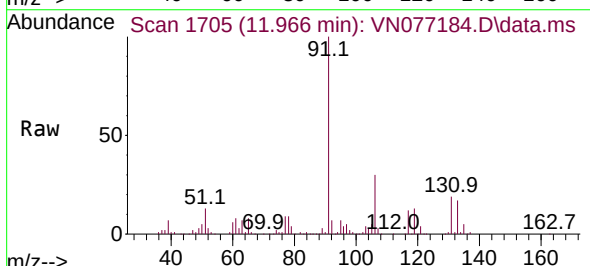
Manual Integrations
APPROVED

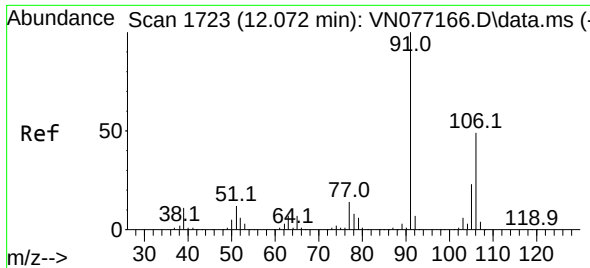
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#66
Ethyl Benzene
Concen: 20.445 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Tgt Ion: 91 Resp: 475129
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8





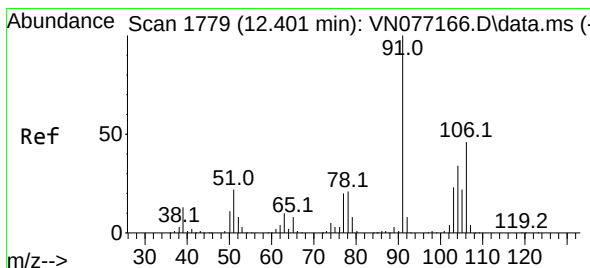
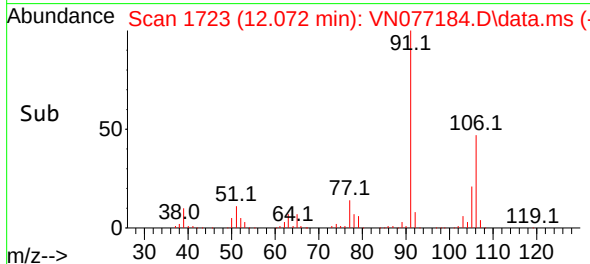
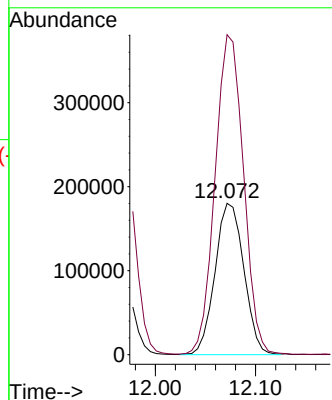
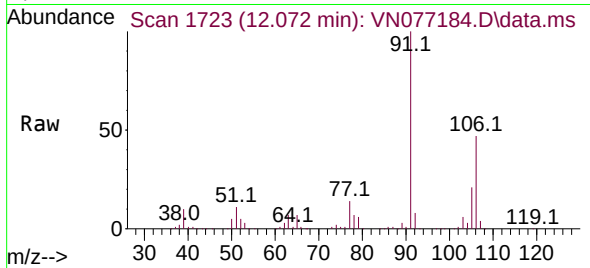
#67
m/p-Xylenes
Concen: 40.287 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 36030
Ion Ratio Lower Upper
106 100
91 208.9 157.4 236.2

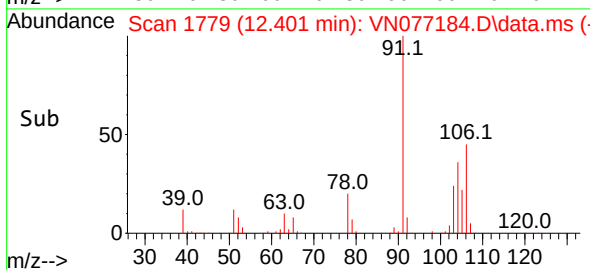
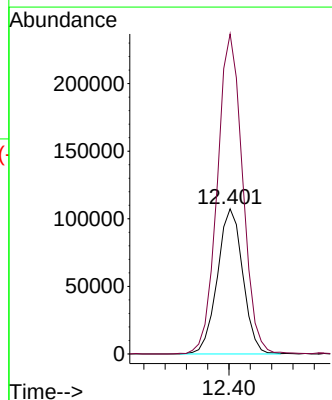
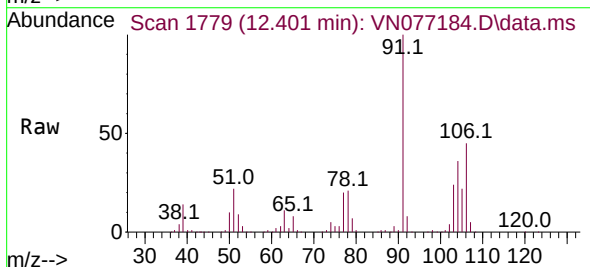
Manual Integrations
APPROVED

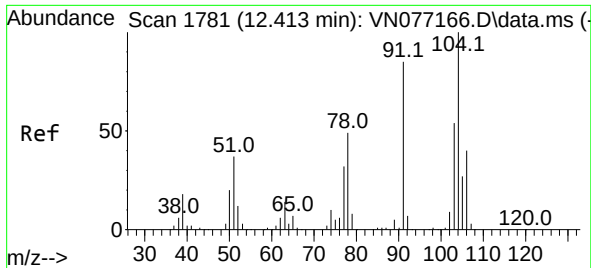
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#68
o-Xylene
Concen: 20.310 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Tgt Ion:106 Resp: 177844
Ion Ratio Lower Upper
106 100
91 219.7 107.2 321.6





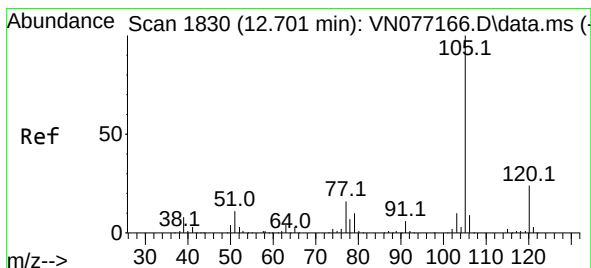
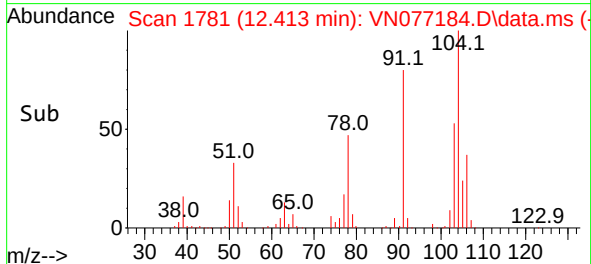
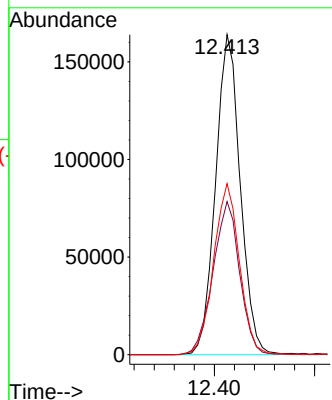
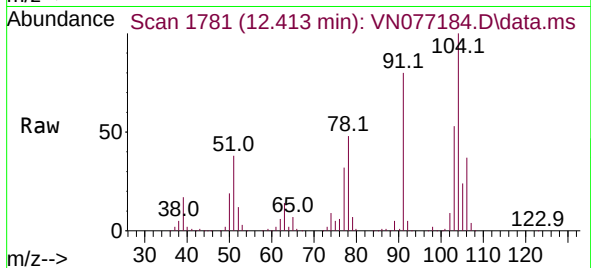
#69
Styrene
Concen: 19.715 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 28032
Ion Ratio Lower Upper
104 100
78 51.6 39.6 59.4
103 55.8 43.9 65.9

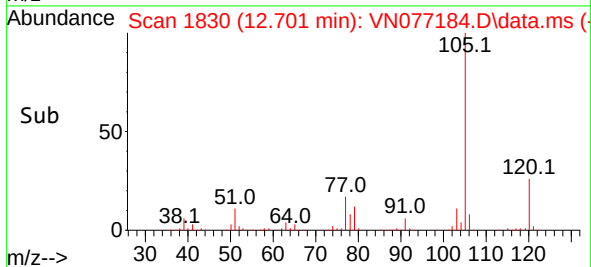
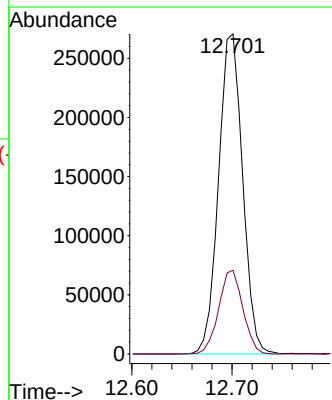
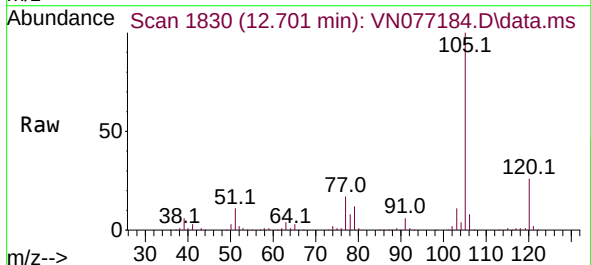
Manual Integrations
APPROVED

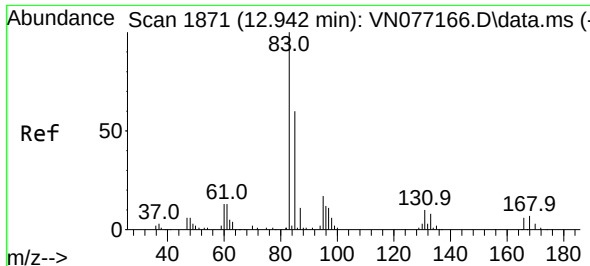
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#70
Isopropylbenzene
Concen: 19.846 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Tgt Ion:105 Resp: 450624
Ion Ratio Lower Upper
105 100
120 26.2 19.0 35.2





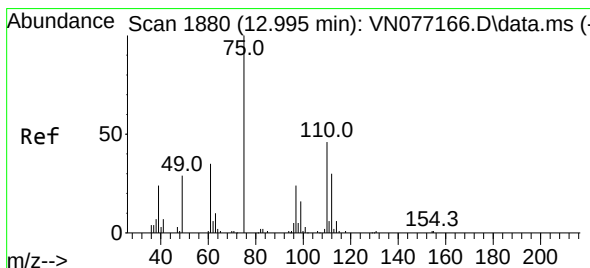
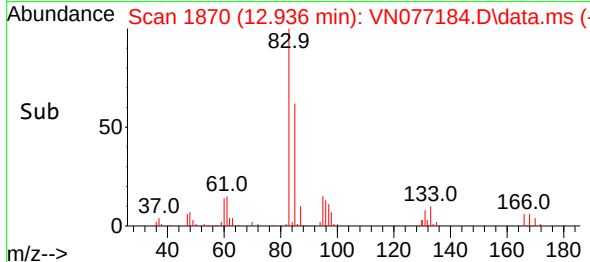
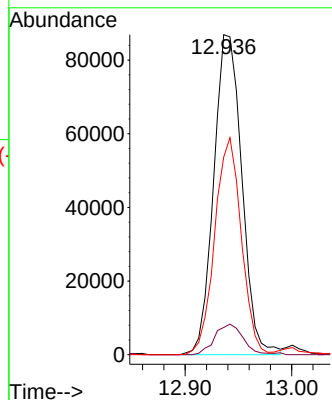
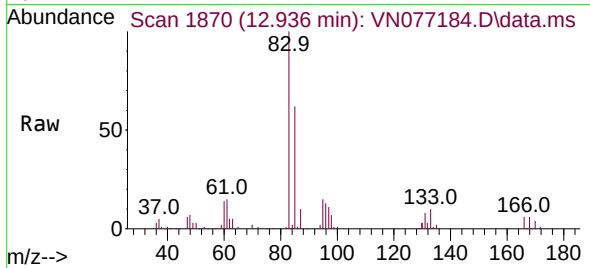
#71
1,1,2,2-Tetrachloroethane
Concen: 21.452 ug/l
RT: 12.936 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 15944
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 63.9 32.3 96.9

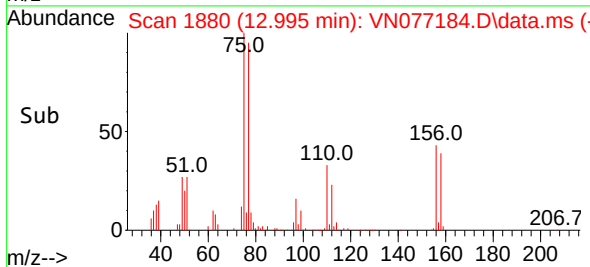
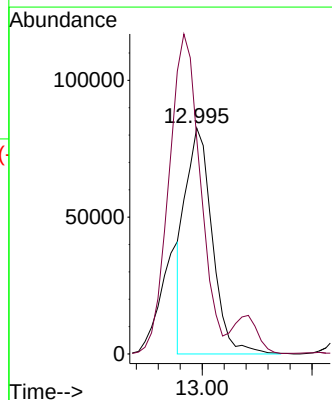
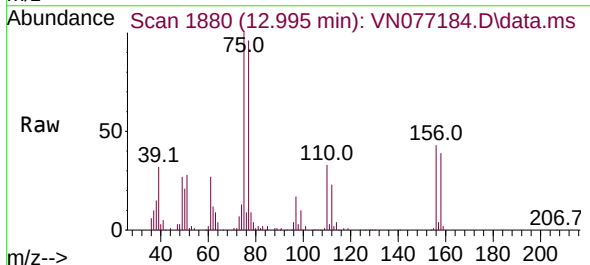
Manual Integrations
APPROVED

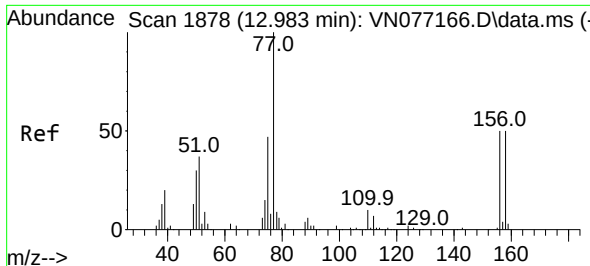
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#72
1,2,3-Trichloropropane
Concen: 21.303 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

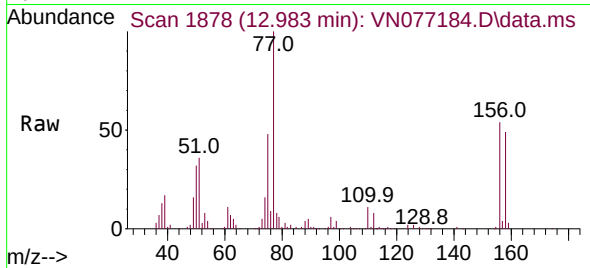
Tgt Ion: 75 Resp: 140146
Ion Ratio Lower Upper
75 100
77 165.4 0.0 332.6





#73
Bromobenzene
Concen: 20.921 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

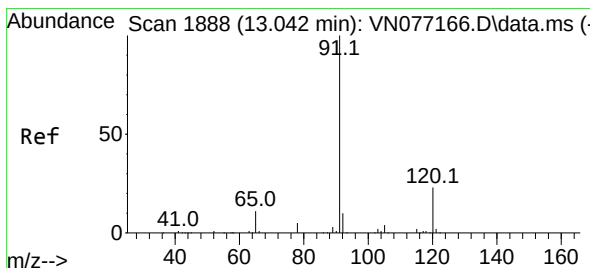
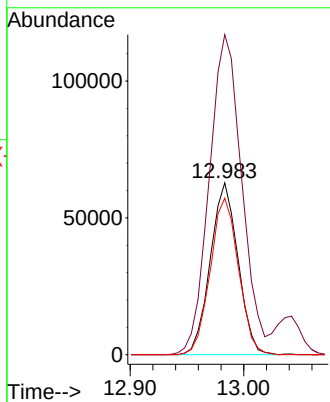
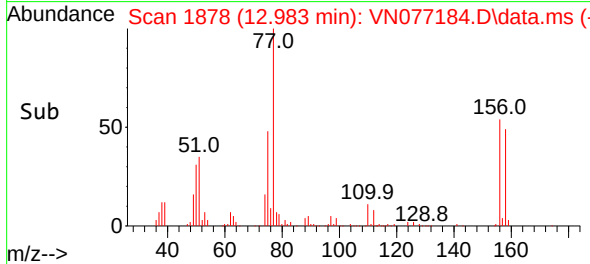
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:156 Resp: 106199
Ion Ratio Lower Upper
156 100
77 218.3 0.0 423.0
158 92.9 0.0 188.6

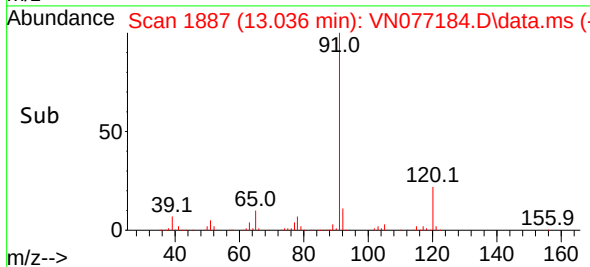
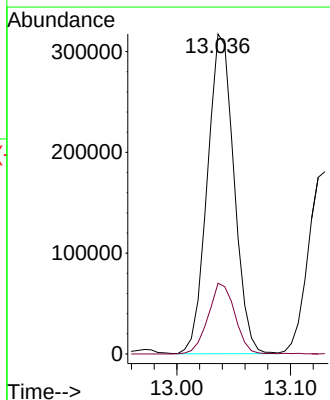
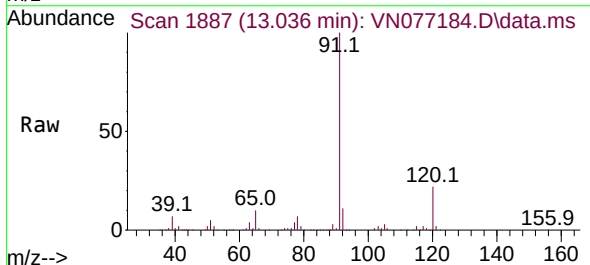
Manual Integrations
APPROVED

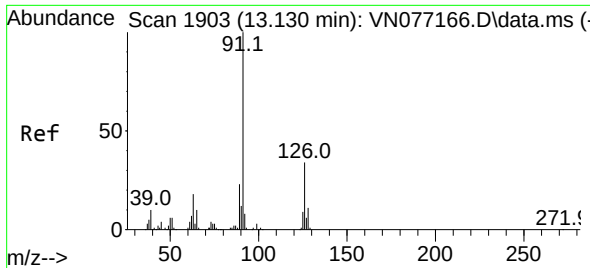
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#74
n-propylbenzene
Concen: 19.731 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Tgt Ion: 91 Resp: 518673
Ion Ratio Lower Upper
91 100
120 22.1 0.0 44.0





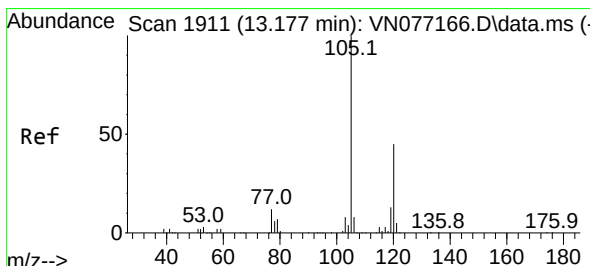
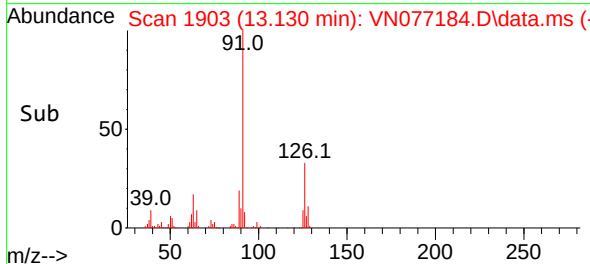
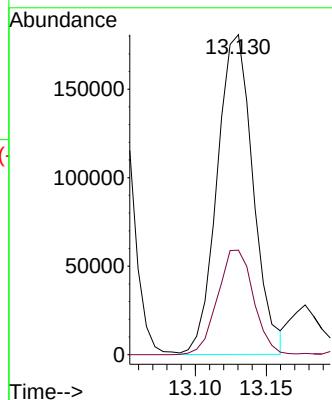
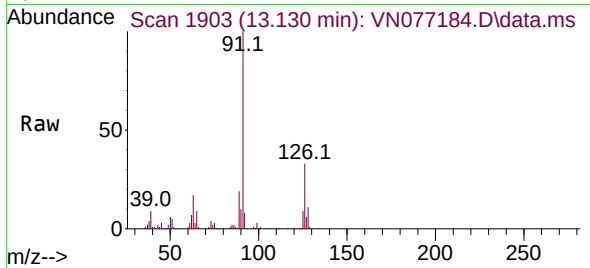
#75
2-Chlorotoluene
Concen: 20.091 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 31844
Ion Ratio Lower Upper
91 100
126 32.8 0.0 66.4

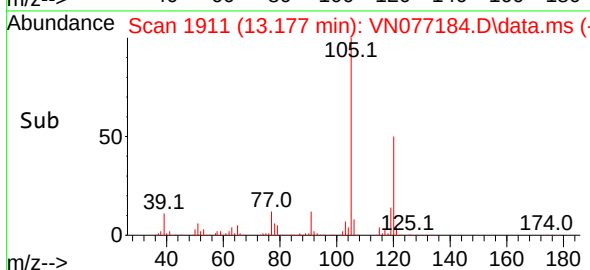
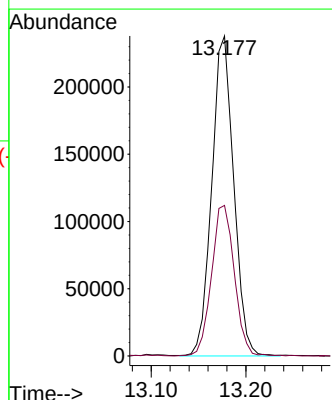
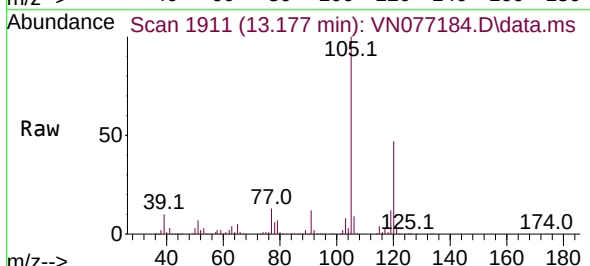
Manual Integrations
APPROVED

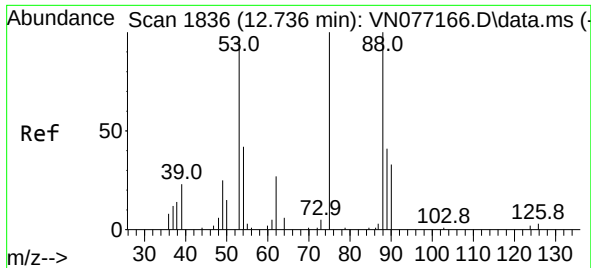
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.316 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

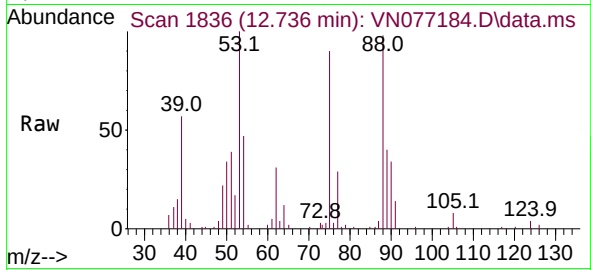
Tgt Ion:105 Resp: 382908
Ion Ratio Lower Upper
105 100
120 48.7 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 20.524 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

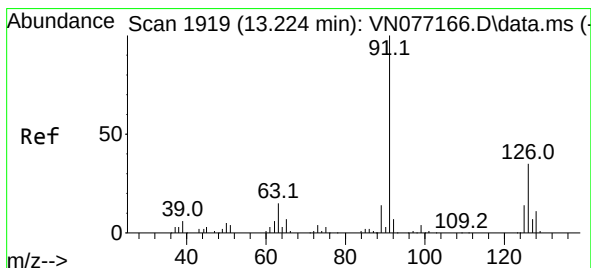
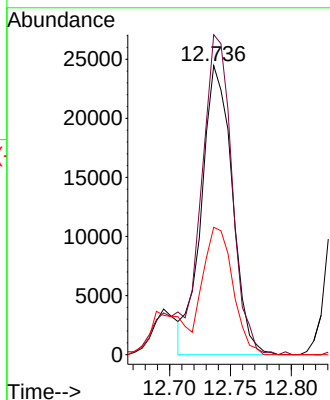
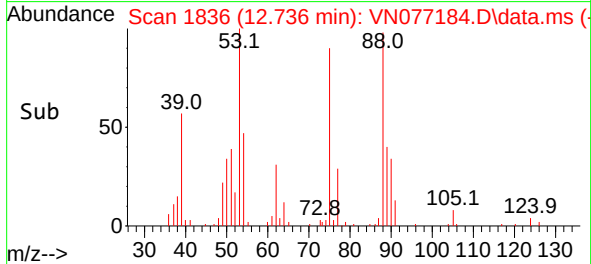
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



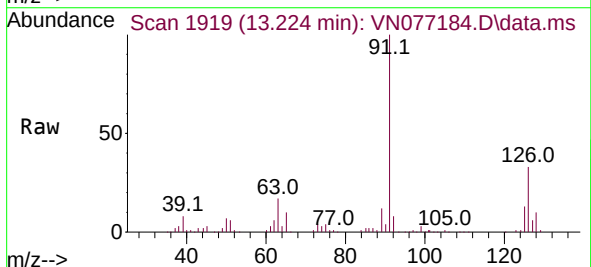
Tgt Ion: 75 Resp: 4304
Ion Ratio Lower Upper
75 100
53 110.7 50.4 151.3
89 44.0 22.1 66.5

Manual Integrations
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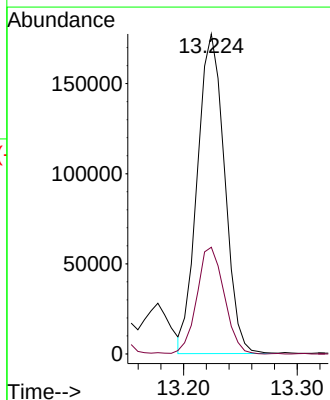
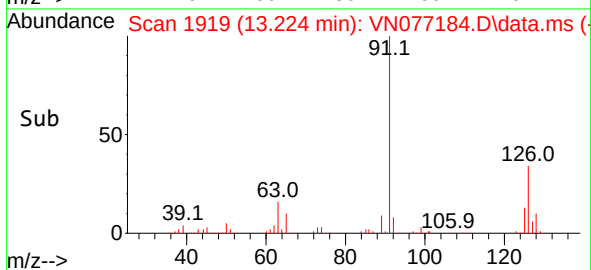
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

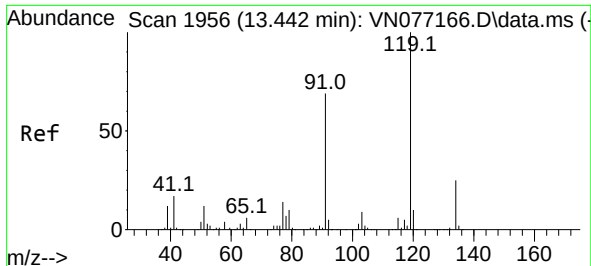


#78
4-Chlorotoluene
Concen: 19.392 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51



Tgt Ion: 91 Resp: 295669
Ion Ratio Lower Upper
91 100
126 33.5 0.0 70.6





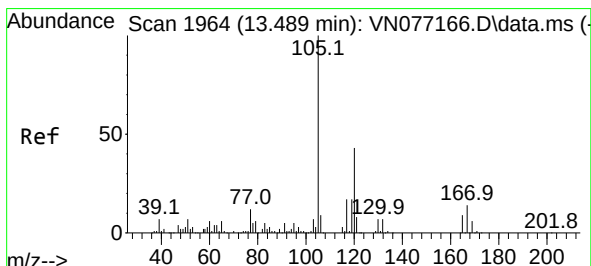
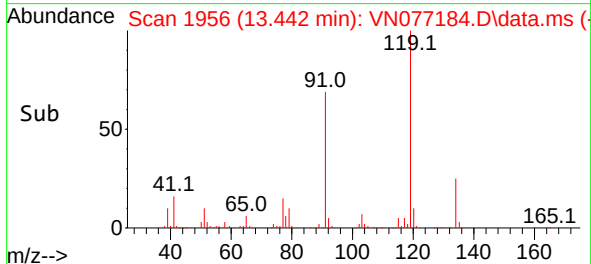
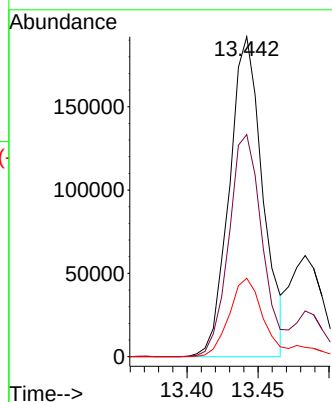
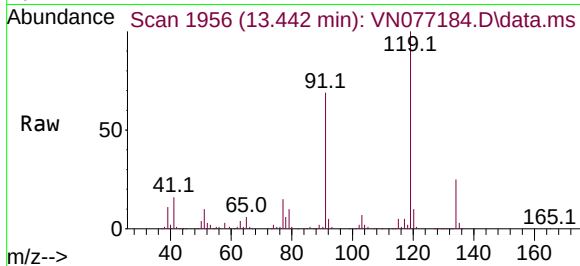
#79
tert-butylbenzene
Concen: 19.548 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 314754
Ion Ratio Lower Upper
119 100
91 70.4 0.0 129.6
134 24.7 0.0 47.8

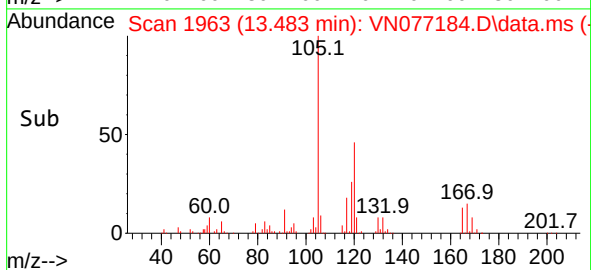
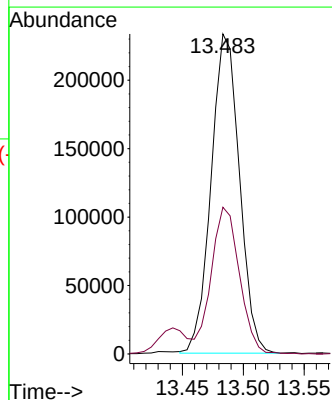
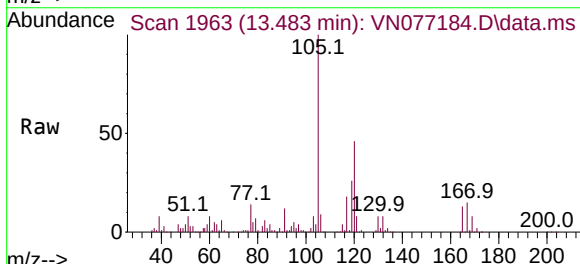
Manual Integrations
APPROVED

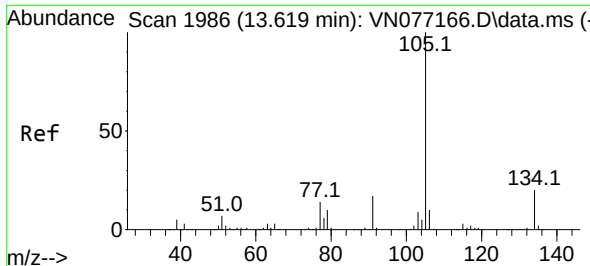
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.176 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

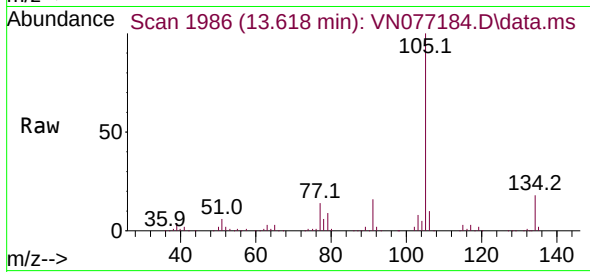
Tgt Ion:105 Resp: 377376
Ion Ratio Lower Upper
105 100
120 45.5 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 19.215 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077184.D
 Acq: 24 Mar 2023 17:51

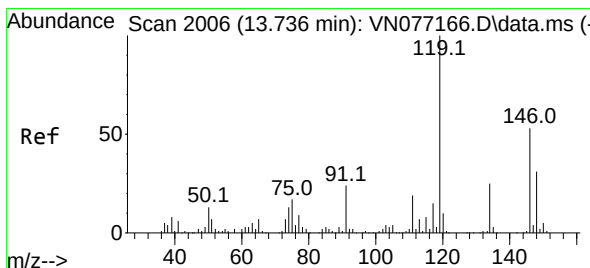
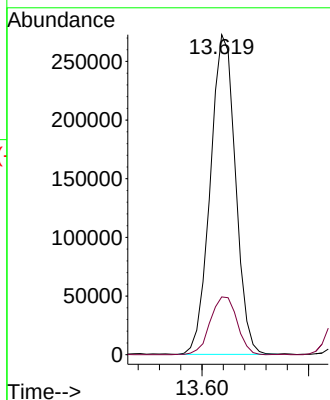
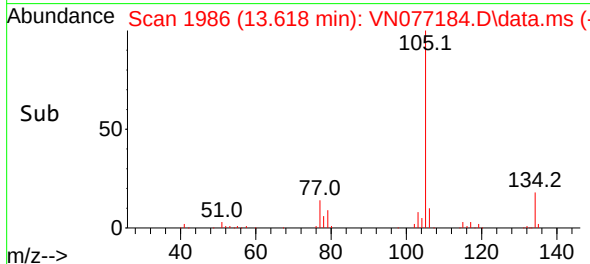
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



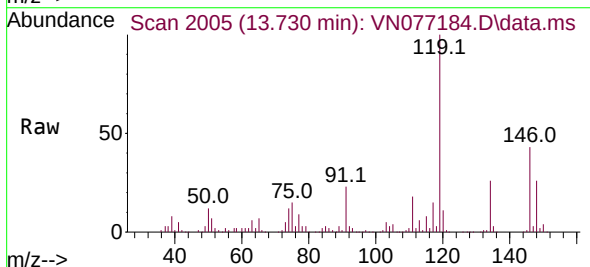
Tgt Ion:105 Resp: 446738
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.4

Manual Integrations
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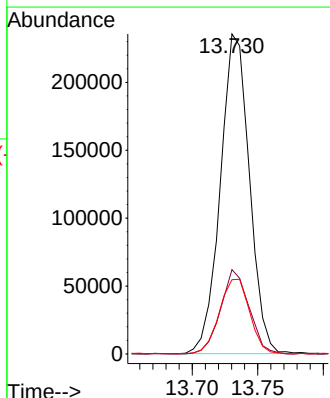
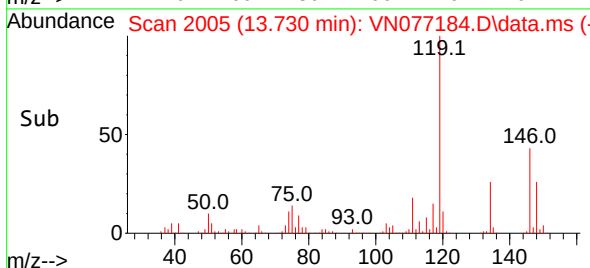
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023

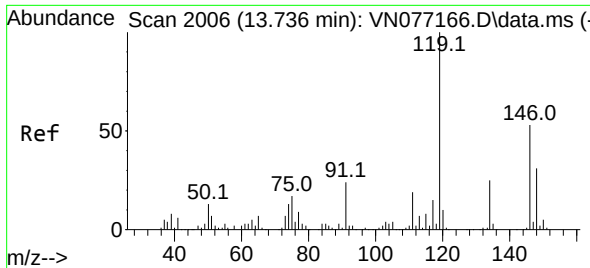


#82
 p-Isopropyltoluene
 Concen: 19.453 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077184.D
 Acq: 24 Mar 2023 17:51



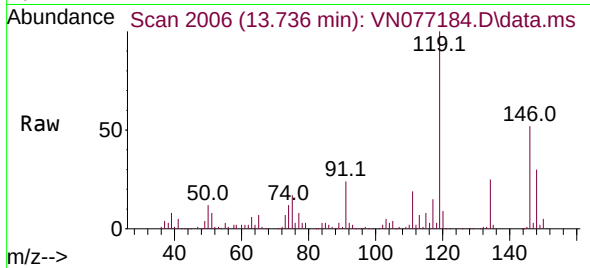
Tgt Ion:119 Resp: 362544
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 53.4
 91 24.5 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 20.498 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

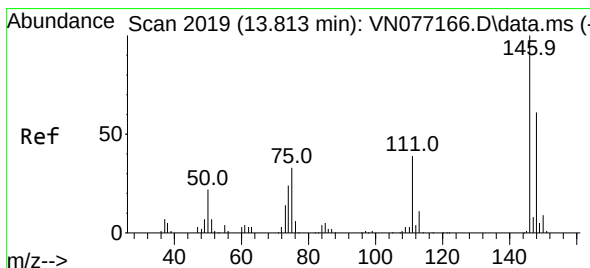
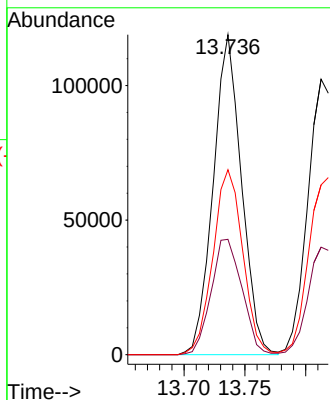
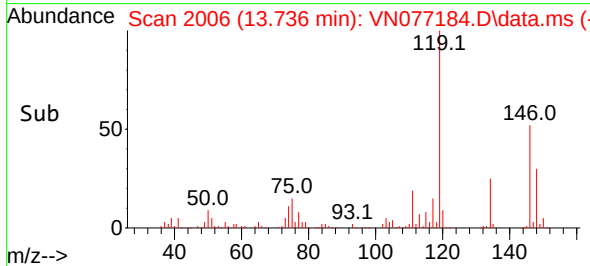
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



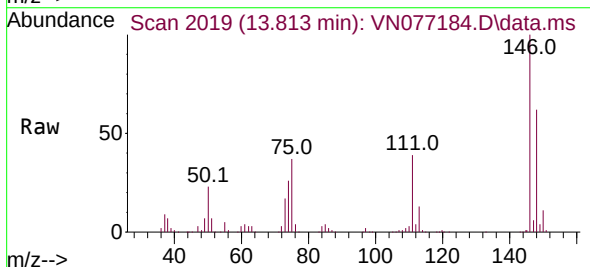
Tgt Ion:146 Resp: 192669
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.8
148 60.9 31.9 95.5

Manual Integrations
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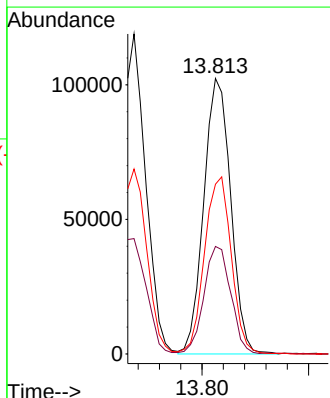
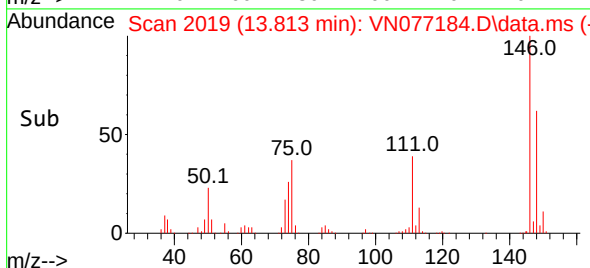
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

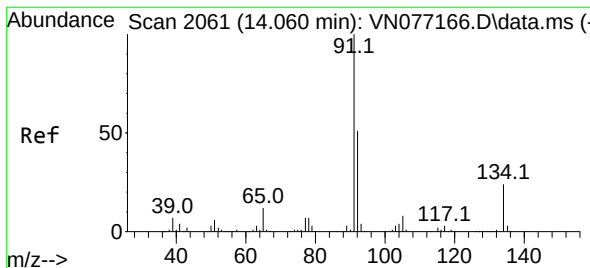


#84
1,4-Dichlorobenzene
Concen: 19.696 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51



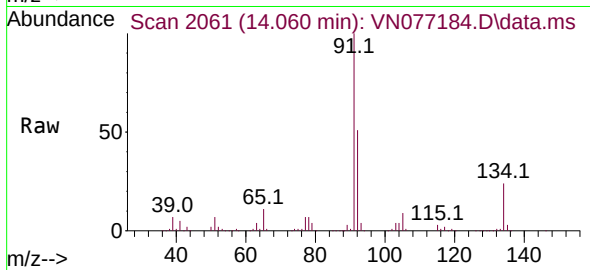
Tgt Ion:146 Resp: 180343
Ion Ratio Lower Upper
146 100
111 38.8 18.2 54.6
148 63.9 31.1 93.2





#85
n-Butylbenzene
Concen: 18.384 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

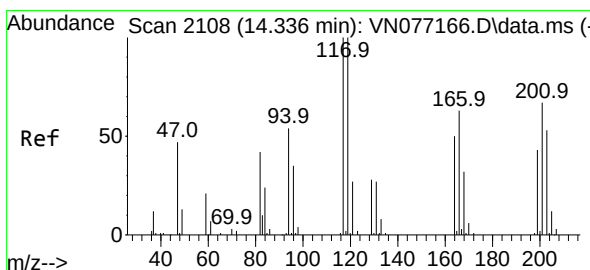
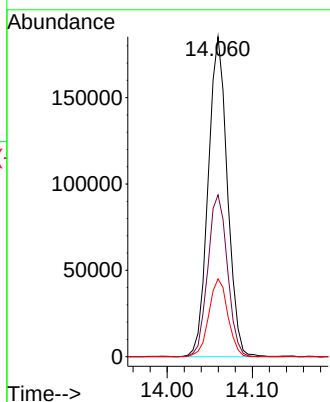
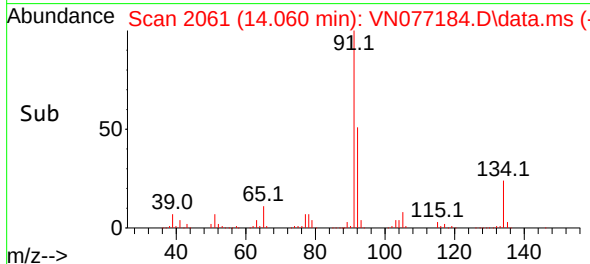
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 28959
Ion Ratio Lower Upper
91 100
92 51.7 0.0 103.2
134 24.0 0.0 50.0

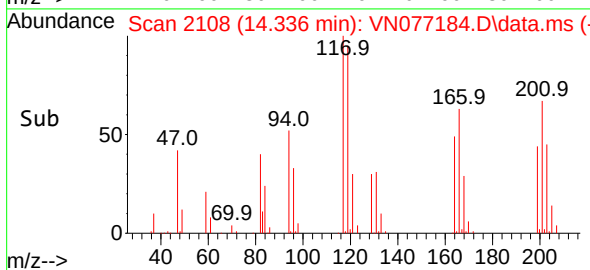
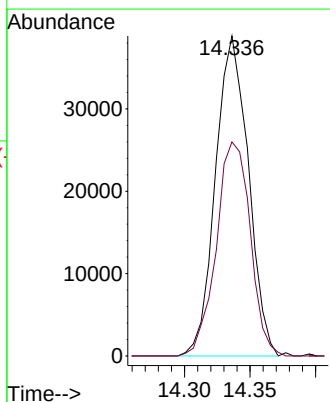
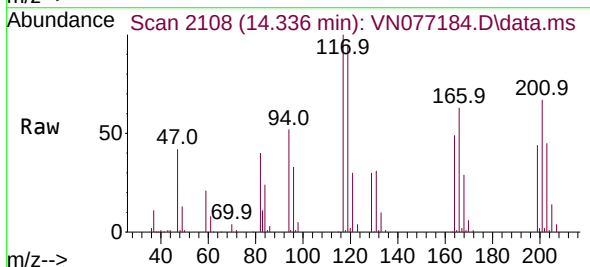
Manual Integrations
APPROVED

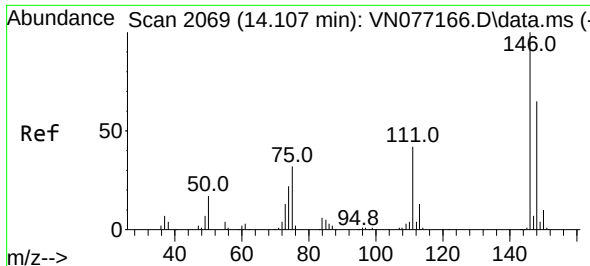
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#86
Hexachloroethane
Concen: 19.048 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

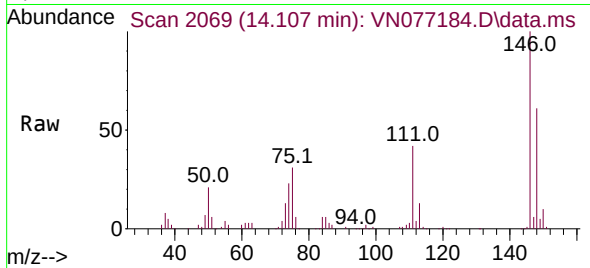
Tgt Ion:117 Resp: 67696
Ion Ratio Lower Upper
117 100
201 69.2 32.2 96.6





#87
1,2-Dichlorobenzene
Concen: 20.672 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

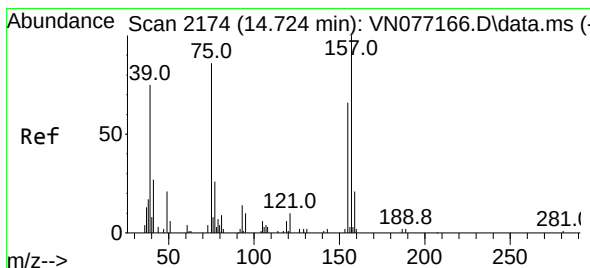
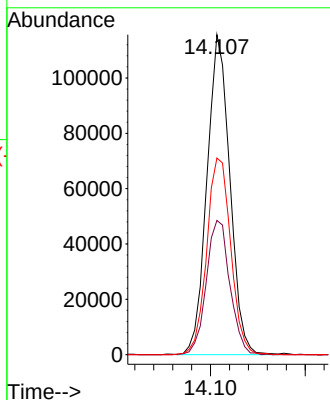
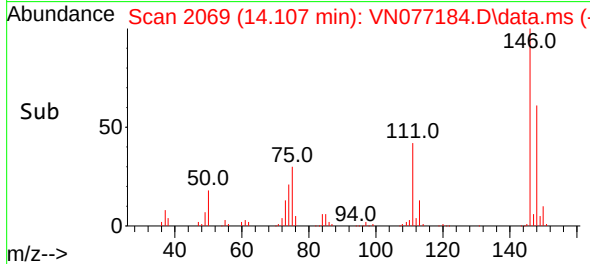
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



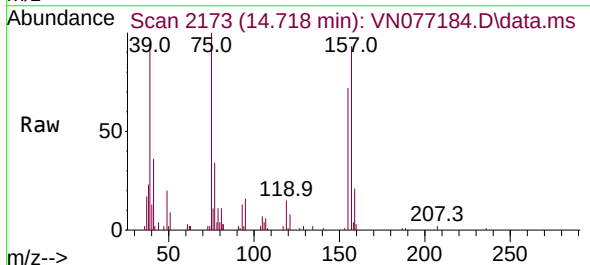
Tgt Ion:146 Resp: 194304
Ion Ratio Lower Upper
146 100
111 43.1 20.5 61.6
148 64.4 32.5 97.5

Manual Integrations
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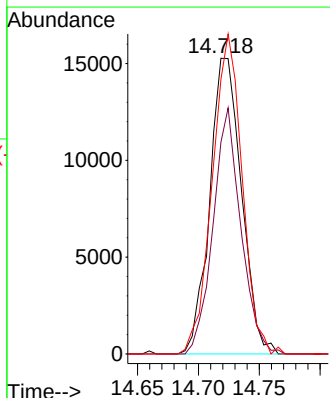
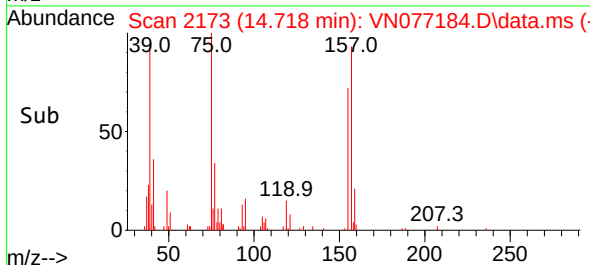
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

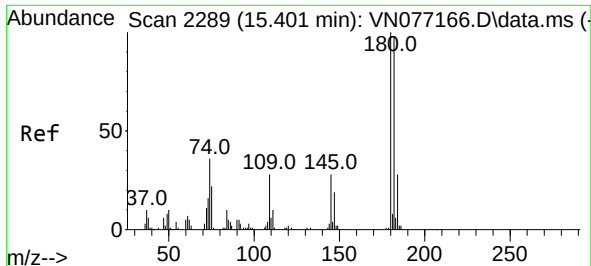


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.479 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51



Tgt Ion: 75 Resp: 27779
Ion Ratio Lower Upper
75 100
155 72.7 62.5 93.7
157 101.2 77.5 116.3





#89

1,2,4-Trichlorobenzene

Concen: 18.569 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077184.D

Acq: 24 Mar 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:180 Resp: 77860

Ion Ratio Lower Upper

180 100

182 96.9 76.6 115.0

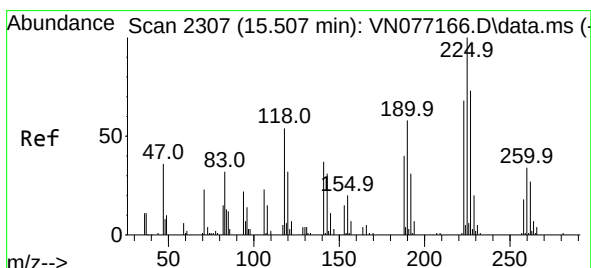
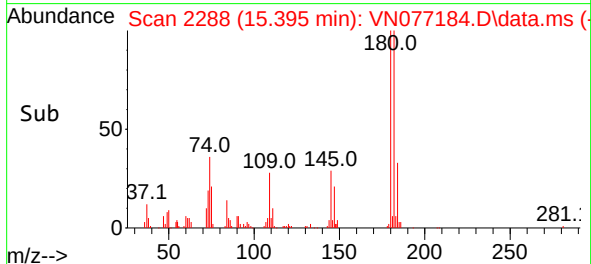
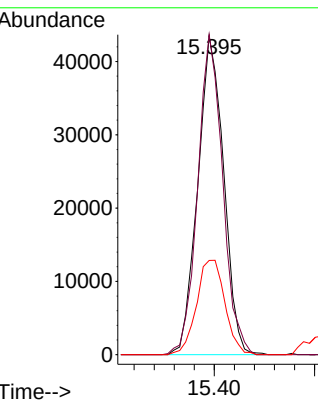
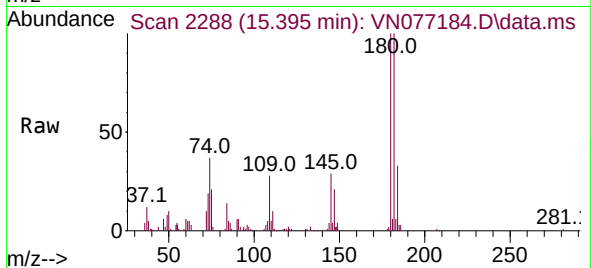
145 32.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#90

Hexachlorobutadiene

Concen: 19.410 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN077184.D

Acq: 24 Mar 2023 17:51

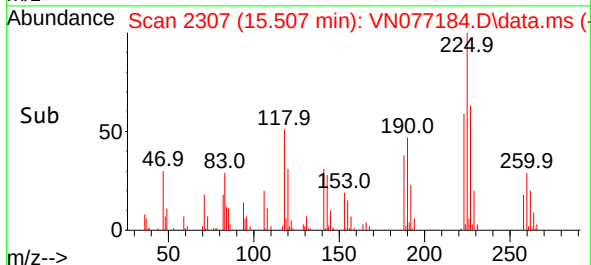
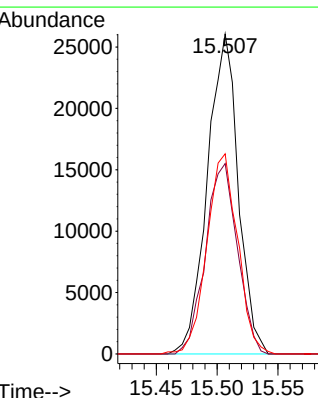
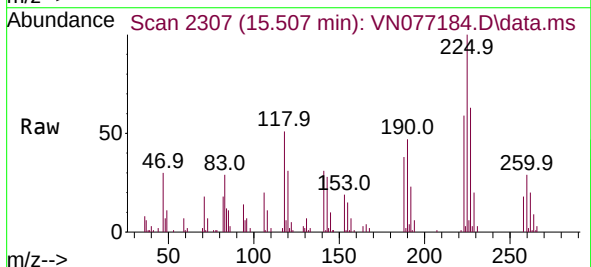
Tgt Ion:225 Resp: 45915

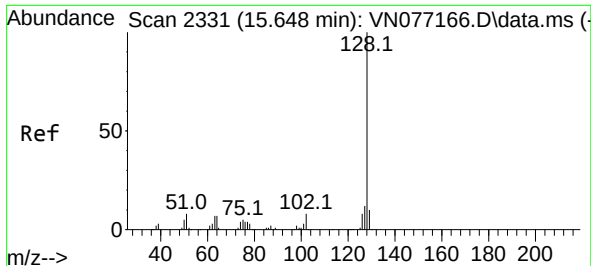
Ion Ratio Lower Upper

225 100

223 61.7 0.0 135.4

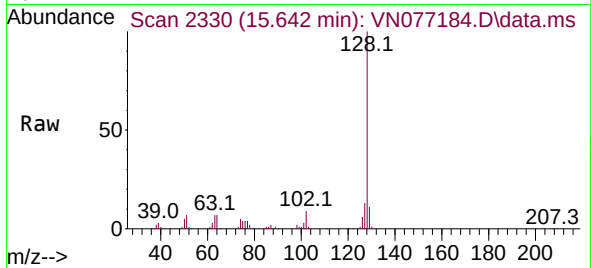
227 62.4 0.0 129.4





#91
Naphthalene
Concen: 16.529 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

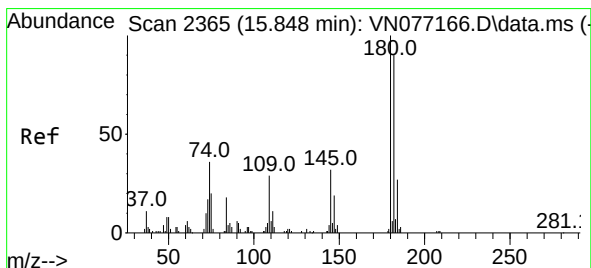
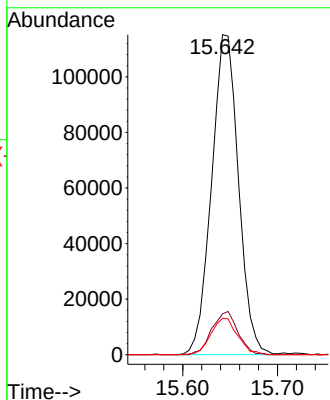
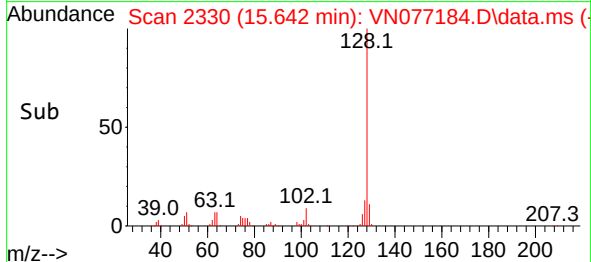
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 22743
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.6
129 11.3 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#92
1,2,3-Trichlorobenzene
Concen: 16.881 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN077184.D
Acq: 24 Mar 2023 17:51

Tgt Ion:180 Resp: 70288
Ion Ratio Lower Upper
180 100
182 94.3 0.0 190.8
145 33.2 0.0 65.0

