

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077282.D
 Acq On : 07 Apr 2023 17:53
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2023
 Supervised By : Semsettin Yesilyurt 04/10/2023

Quant Time: Apr 08 05:23:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	53089	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	405388	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	443948	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	139560	30.996	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.333%			
60) 4-Bromofluorobenzene	12.848	95	223057	29.057	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.867%			
63) Toluene-d8	10.566	98	464021	29.732	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	97405	19.299	ug/l	99
3) Chloromethane	2.372	50	131883	19.669	ug/l	99
4) Vinyl Chloride	2.519	62	182881	19.042	ug/l	100
5) Bromomethane	2.961	94	128200	17.714	ug/l	98
6) Chloroethane	3.131	64	131424	20.416	ug/l	97
7) Trichlorofluoromethane	3.508	101	167853	18.770	ug/l	93
8) Diethyl Ether	3.972	74	74606	19.573	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.378	101	108332	19.373	ug/l	98
10) 1,1-Dichloroethene	4.355	96	105990	18.947	ug/l	98
11) Methyl Iodide	4.596	142	124048	19.628	ug/l	100
12) Methyl Acetate	5.037	43	169865	20.381	ug/l	98
13) Acrolein	4.184	56	102375	98.958	ug/l	99
14) Acrylonitrile	5.725	53	295391	103.686	ug/l	98
15) Acetone	4.437	58	82681	79.998	ug/l	86
16) Carbon Disulfide	4.725	76	266690	18.062	ug/l #	91
17) Allyl chloride	5.031	41	127874	17.757	ug/l	94
18) Methylene Chloride	5.284	84	121628	18.723	ug/l	99
19) trans-1,2-Dichloroethene	5.802	96	115304	18.956	ug/l	95
20) Diisopropyl ether	6.684	45	331721	19.327	ug/l	95
21) 1,1-Dichloroethane	6.578	63	210288	19.330	ug/l	98
22) cis-1,2-Dichloroethene	7.496	96	141740	19.115	ug/l	98
23) tert-Butyl Alcohol	5.537	59	127052	100.296	ug/l #	100
24) Methyl tert-Butyl Ether	5.802	73	398413	19.783	ug/l	99
25) Chloroform	7.972	83	228234	19.359	ug/l	95
26) Cyclohexane	8.266	56	179730	19.013	ug/l #	100
29) 1,1-Dichloropropene	8.378	75	164003	18.675	ug/l	100
30) 2-Butanone	7.490	43	377351	90.866	ug/l	99
31) 2,2-Dichloropropane	7.496	77	196080	18.189	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	206056	19.066	ug/l	99
33) Carbon Tetrachloride	8.366	117	175752m	19.054	ug/l	
34) Benzene	8.613	78	517315	19.038	ug/l	99
35) Methacrylonitrile	7.790	41	84252	21.537	ug/l	94
36) 1,2-Dichloroethane	8.672	62	171681	20.153	ug/l	99
37) Trichloroethene	9.354	130	125081	18.820	ug/l	93
38) Methylcyclohexane	9.607	83	223300	18.748	ug/l	99
39) 1,2-Dichloropropane	9.625	63	129083	19.137	ug/l	94
40) Dibromomethane	9.713	93	96696	19.896	ug/l	97
41) Bromodichloromethane	9.890	83	185922	19.185	ug/l	97
42) Vinyl Acetate	6.613	43	1168906	97.255	ug/l #	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077282.D
 Acq On : 07 Apr 2023 17:53
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

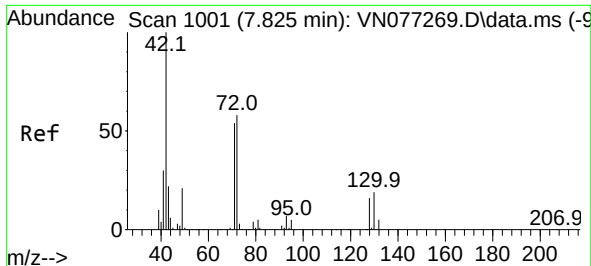
Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2023
 Supervised By : Semsettin Yesilyurt 04/10/2023

Quant Time: Apr 08 05:23:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	158873	20.678	ug/l #	91
44) Isopropyl Acetate	8.696	43	272348	19.798	ug/l #	100
45) 1,4-Dioxane	9.701	88	60658	418.093	ug/l	97
46) Methyl methacrylate	9.684	41	115240	19.457	ug/l	97
47) n-amyl Acetate	12.495	43	234459	19.502	ug/l	100
48) t-1,3-Dichloropropene	10.837	75	209038	19.273	ug/l	97
49) cis-1,3-Dichloropropene	10.313	75	222618	19.294	ug/l	99
50) 1,1,2-Trichloroethane	11.019	97	137570	19.487	ug/l	97
51) Ethyl methacrylate	10.878	69	213566	19.700	ug/l	96
52) 1,3-Dichloropropane	11.166	76	230962	19.603	ug/l	98
53) Dibromochloromethane	11.360	129	146761	19.725	ug/l	99
54) 1,2-Dibromoethane	11.472	107	138970	19.610	ug/l	96
55) 2-Chloroethyl vinyl ether	10.160	63	342115	102.212	ug/l	99
56) Bromoform	12.584	173	95566	19.121	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	834213	100.360	ug/l	99
59) 2-Hexanone	11.195	43	609320	94.835	ug/l	100
61) Tetrachloroethene	11.107	164	100874	19.104	ug/l	98
62) Toluene	10.631	91	584923	18.883	ug/l	99
64) Chlorobenzene	11.895	112	358578	19.055	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.960	131	132362	19.127	ug/l	98
66) Ethyl Benzene	11.966	91	649128	18.916	ug/l	97
67) m/p-Xylenes	12.072	106	507802	37.752	ug/l	99
68) o-Xylene	12.401	106	258183	19.186	ug/l	99
69) Styrene	12.413	104	410317	19.032	ug/l	99
70) Isopropylbenzene	12.701	105	639706	18.732	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	209803	20.061	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	147444m	20.740	ug/l	
73) Bromobenzene	12.984	156	132780	19.137	ug/l	97
74) n-propylbenzene	13.036	91	715924	18.947	ug/l	100
75) 2-Chlorotoluene	13.131	91	438366	19.366	ug/l	100
76) 1,3,5-Trimethylbenzene	13.178	105	528361	19.009	ug/l	97
77) t-1,4-Dichloro-2-butene	12.742	75	75836	20.943	ug/l	98
78) 4-Chlorotoluene	13.225	91	407007	19.029	ug/l	100
79) tert-butylbenzene	13.442	119	466992	19.305	ug/l	99
80) 1,2,4-Trimethylbenzene	13.483	105	517390	19.095	ug/l	99
81) sec-Butylbenzene	13.619	105	647725	18.748	ug/l	99
82) p-Isopropyltoluene	13.731	119	519672	18.775	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	243398	18.502	ug/l	100
84) 1,4-Dichlorobenzene	13.813	146	231475	18.136	ug/l	98
85) n-Butylbenzene	14.060	91	407954	17.836	ug/l	98
86) Hexachloroethane	14.336	117	109352	18.572	ug/l	97
87) 1,2-Dichlorobenzene	14.107	146	246233	19.102	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.725	75	37377	18.651	ug/l	100
89) 1,2,4-Trichlorobenzene	15.372	180	88972	17.547	ug/l	100
90) Hexachlorobutadiene	15.466	225	47249	18.170	ug/l	96
91) Naphthalene	15.589	128	362824	18.731	ug/l	99
92) 1,2,3-Trichlorobenzene	15.754	180	86402	17.464	ug/l	99

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



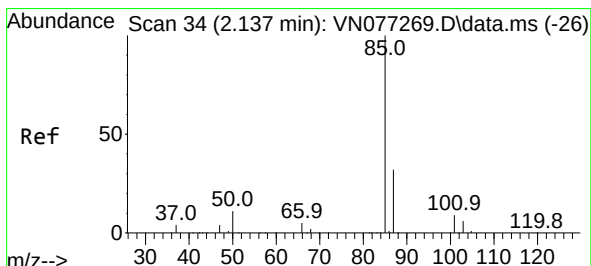
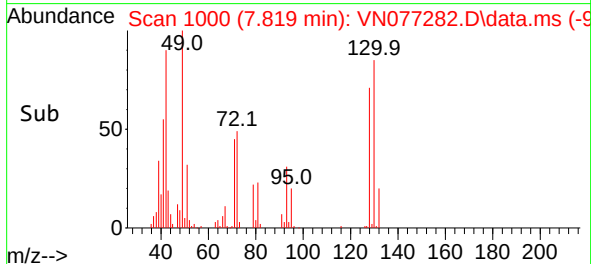
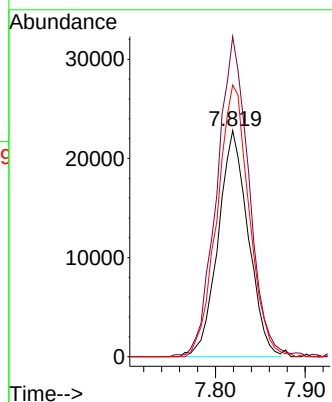
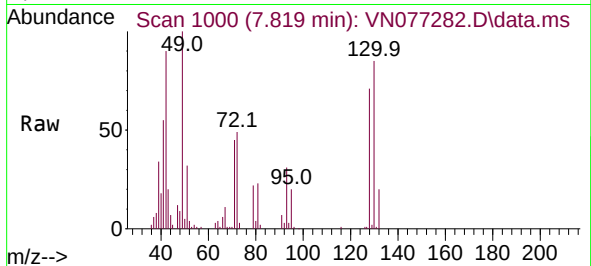
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 53089
Ion Ratio Lower Upper
128 100
49 150.2 0.0 379.5
130 128.2 0.0 322.8

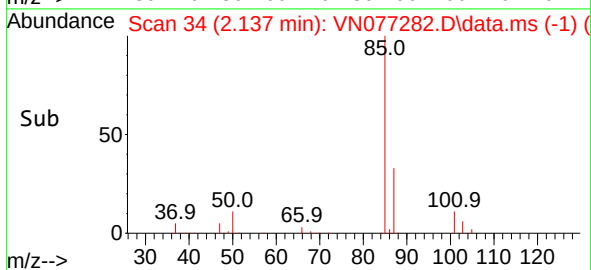
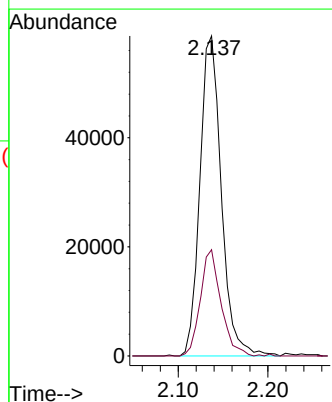
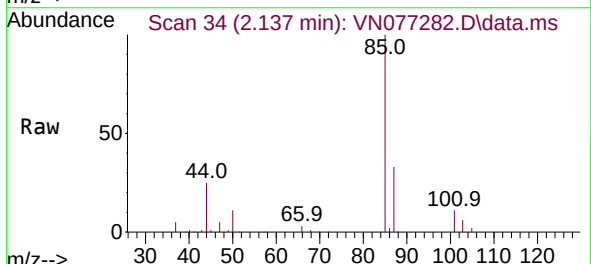
Manual Integrations
APPROVED

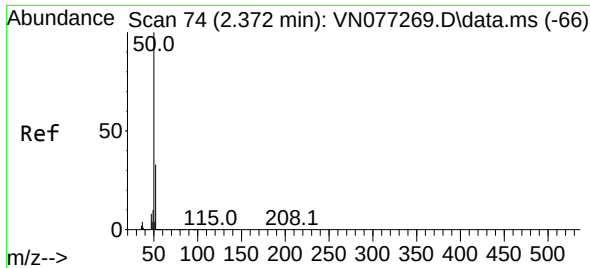
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#2
Dichlorodifluoromethane
Concen: 19.299 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

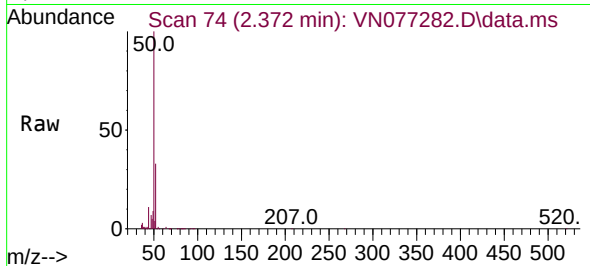
Tgt Ion: 85 Resp: 97405
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6





#3
Chloromethane
Concen: 19.669 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

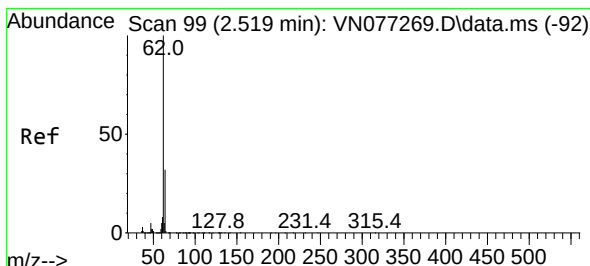
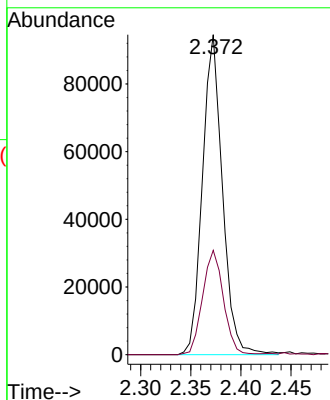
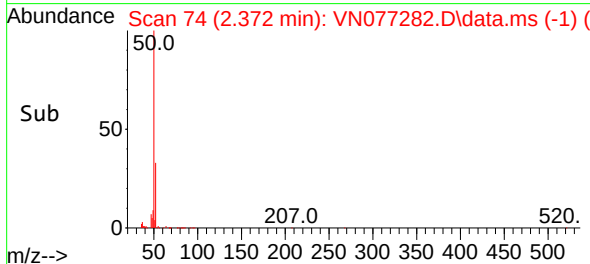
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



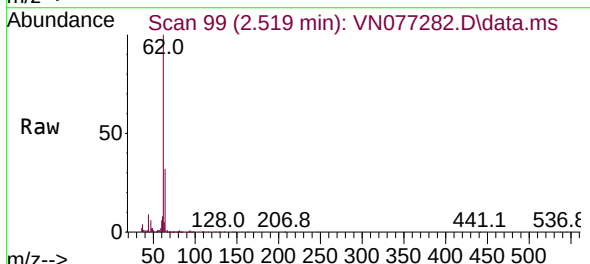
Tgt Ion: 50 Resp: 13188
Ion Ratio Lower Upper
50 100
52 32.6 26.4 39.6

Manual Integrations
APPROVED

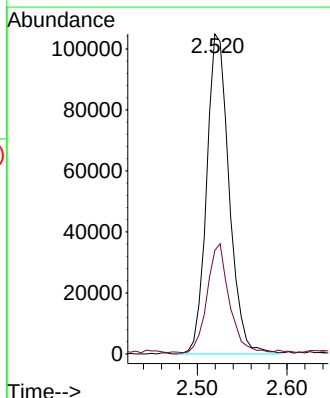
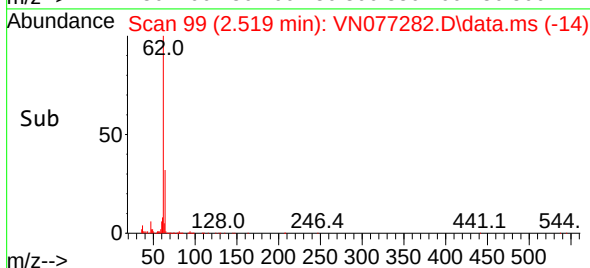
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

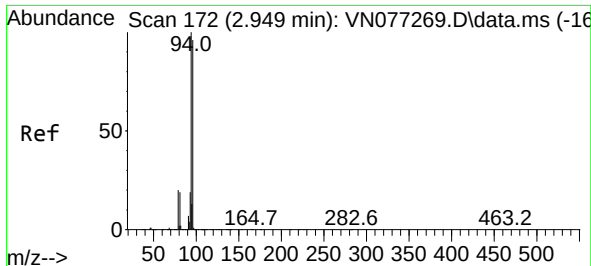


#4
Vinyl Chloride
Concen: 19.042 ug/l
RT: 2.519 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53



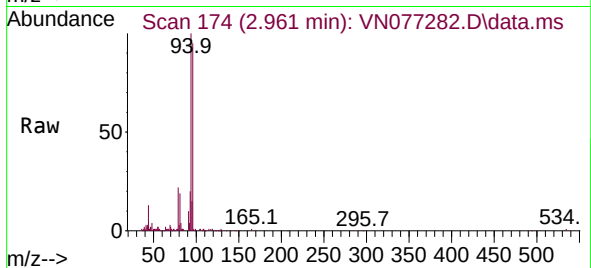
Tgt Ion: 62 Resp: 182881
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 17.714 ug/l
RT: 2.961 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

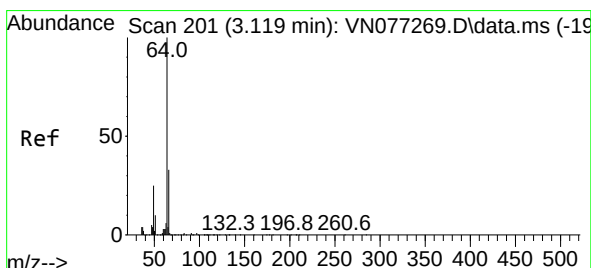
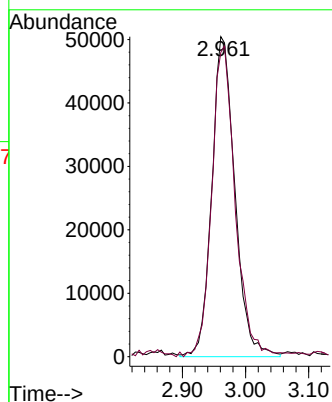
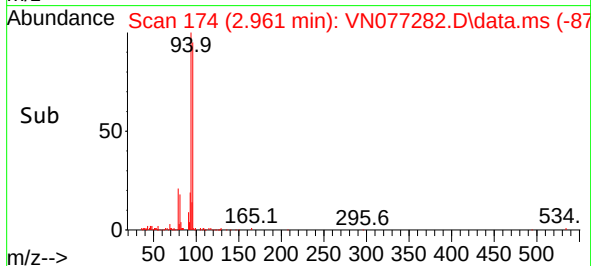
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



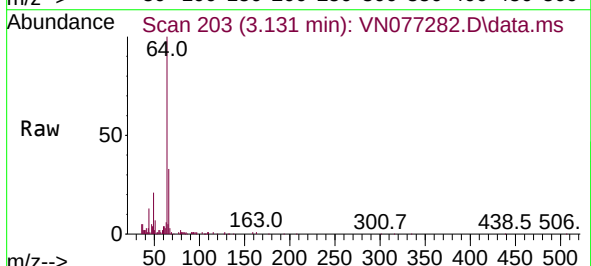
Tgt Ion: 94 Resp: 128200
Ion Ratio Lower Upper
94 100
96 94.4 77.0 115.6

Manual Integrations
APPROVED

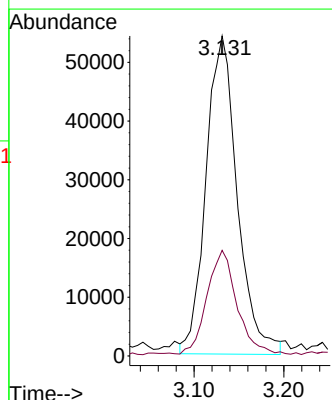
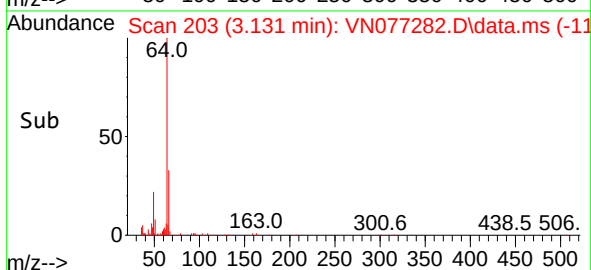
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

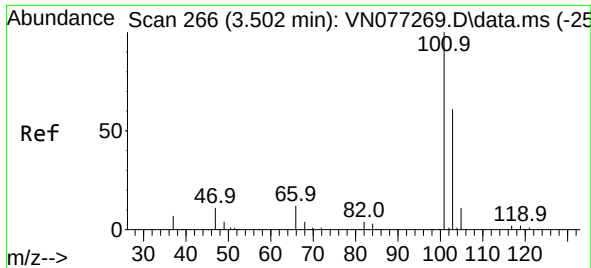


#6
Chloroethane
Concen: 20.416 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.012 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53



Tgt Ion: 64 Resp: 131424
Ion Ratio Lower Upper
64 100
66 33.7 25.7 38.5





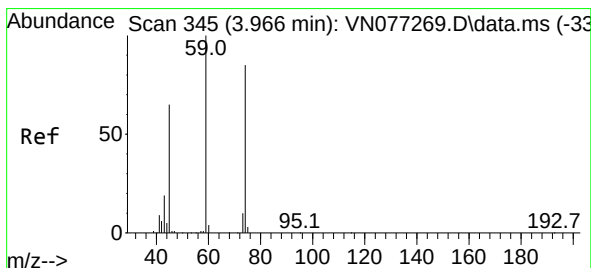
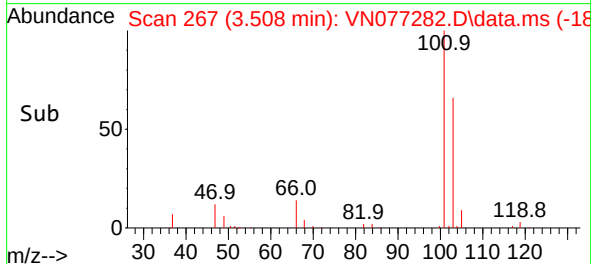
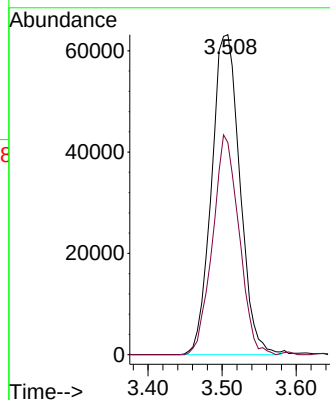
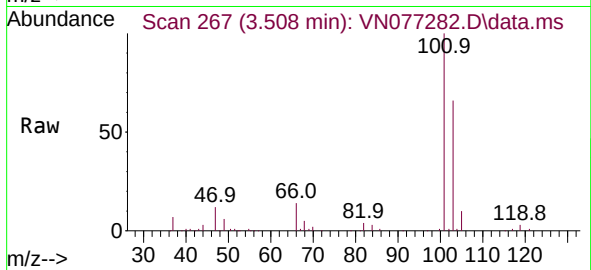
#7
Trichlorofluoromethane
Concen: 18.770 ug/l
RT: 3.508 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 16785
Ion Ratio Lower Upper
101 100
103 66.3 48.9 73.3

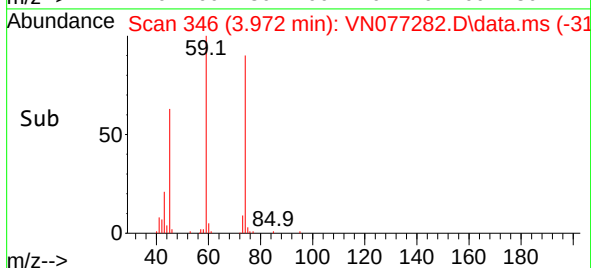
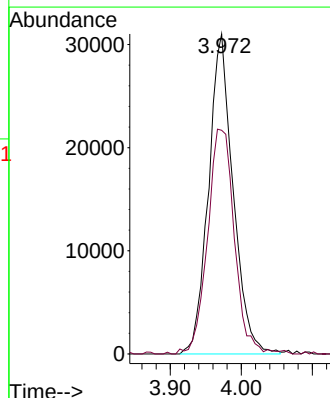
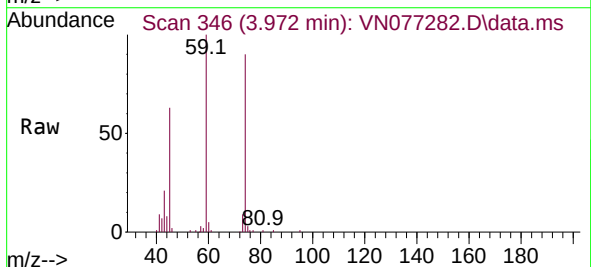
Manual Integrations
APPROVED

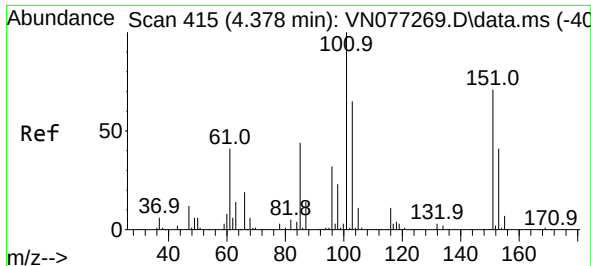
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#8
Diethyl Ether
Concen: 19.573 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Tgt Ion: 74 Resp: 74606
Ion Ratio Lower Upper
74 100
45 75.6 14.8 133.6





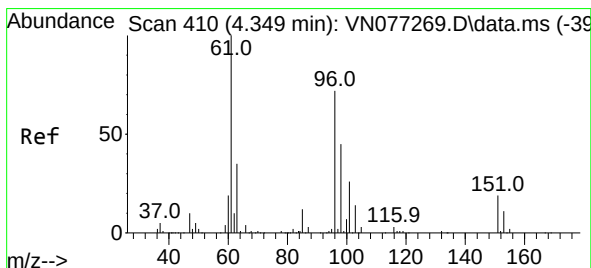
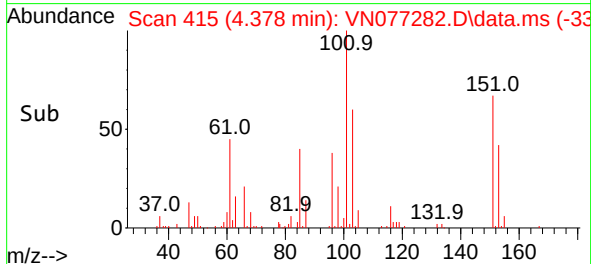
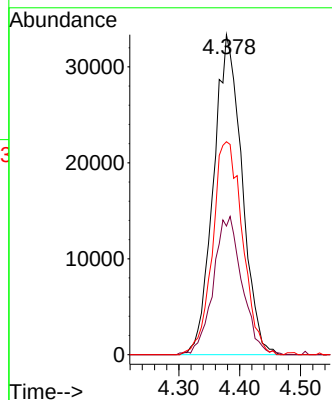
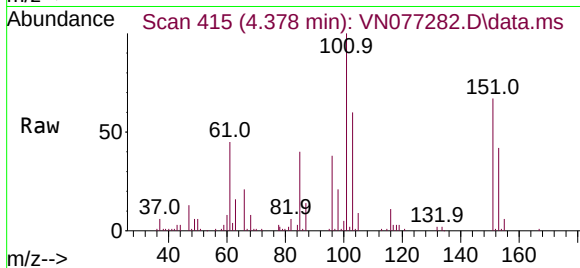
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.373 ug/l
RT: 4.378 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 108332
Ion Ratio Lower Upper
101 100
85 42.5 0.0 89.6
151 70.0 0.0 141.6

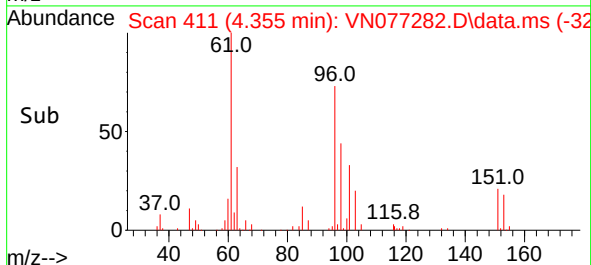
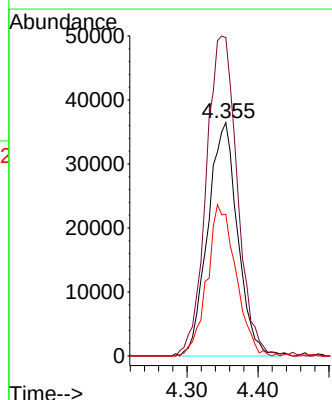
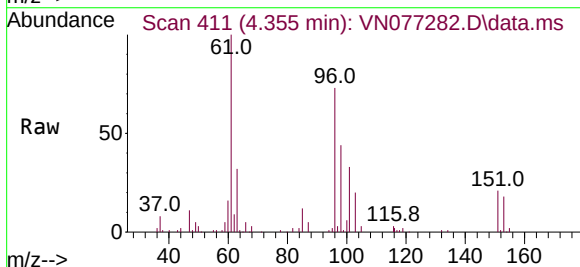
Manual Integrations
APPROVED

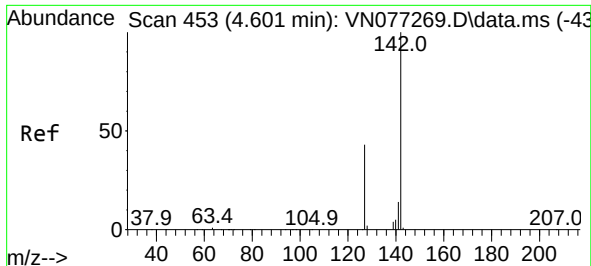
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#10
1,1-Dichloroethene
Concen: 18.947 ug/l
RT: 4.355 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

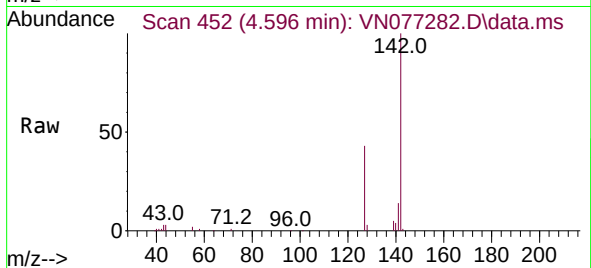
Tgt Ion: 96 Resp: 105990
Ion Ratio Lower Upper
96 100
61 135.7 110.7 166.1
98 60.7 49.6 74.4





#11
Methyl Iodide
Concen: 19.628 ug/l
RT: 4.596 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

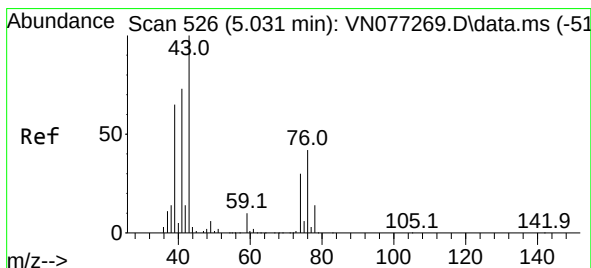
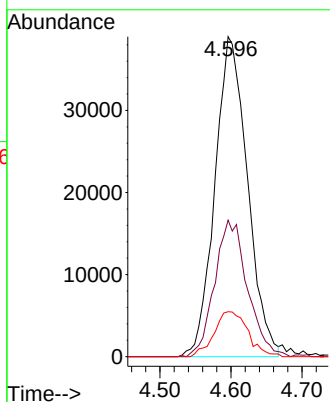
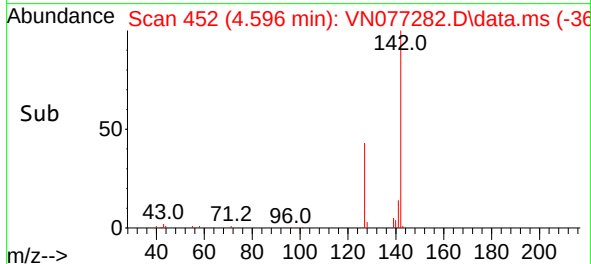
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 124048
Ion Ratio Lower Upper
142 100
127 42.5 21.3 63.7
141 13.8 7.0 20.9

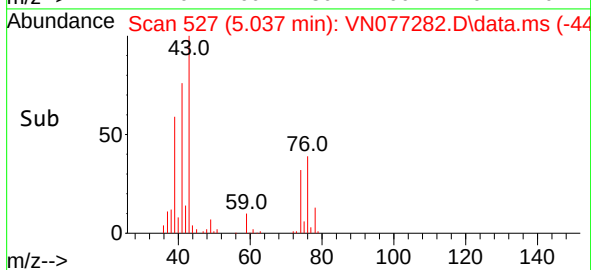
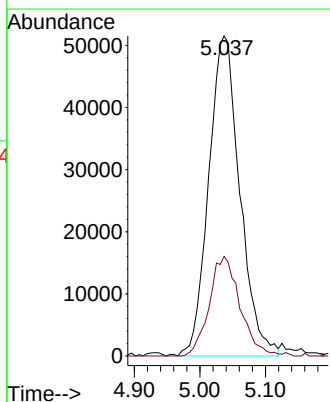
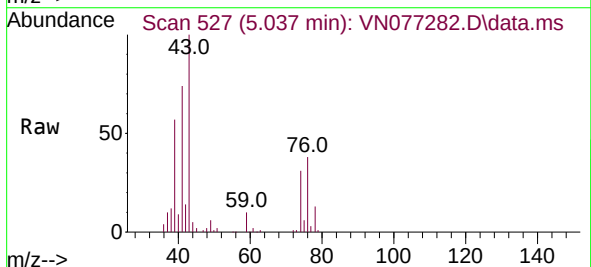
Manual Integrations
APPROVED

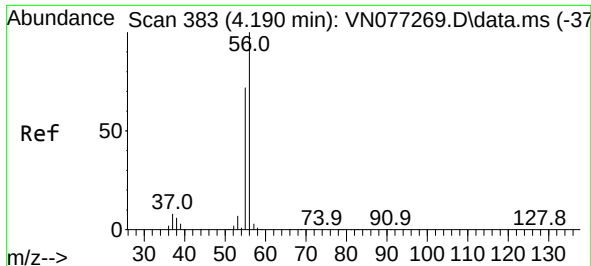
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#12
Methyl Acetate
Concen: 20.381 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Tgt Ion: 43 Resp: 169865
Ion Ratio Lower Upper
43 100
74 31.1 24.2 36.2





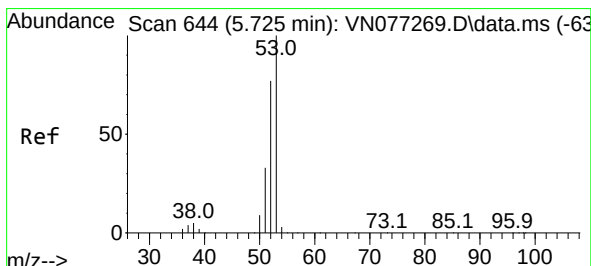
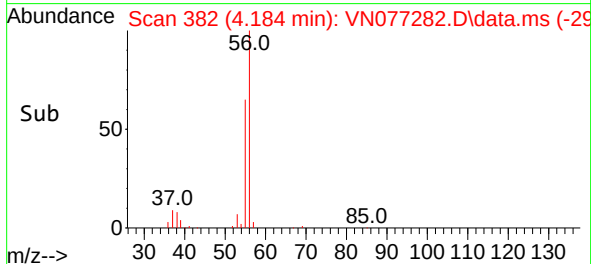
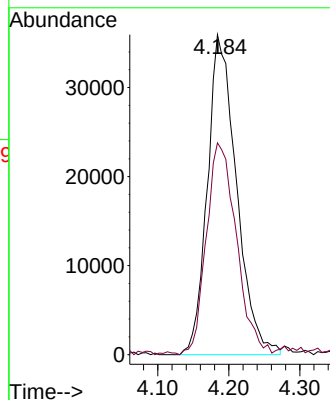
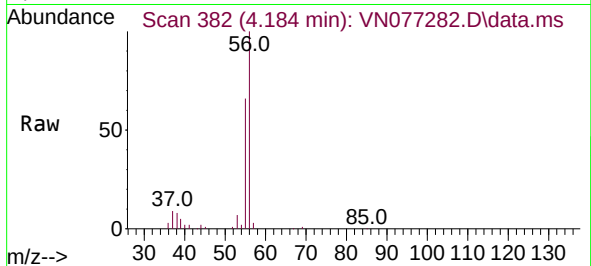
#13
Acrolein
Concen: 98.958 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 102375
Ion Ratio Lower Upper
56 100
55 68.3 55.2 82.8

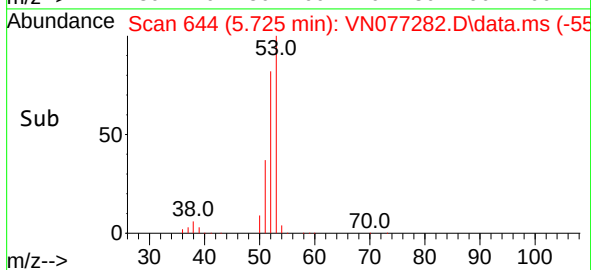
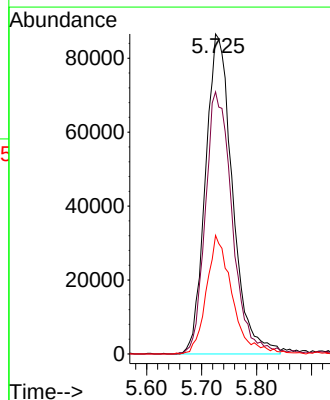
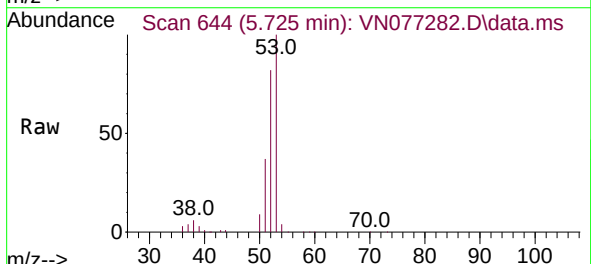
Manual Integrations
APPROVED

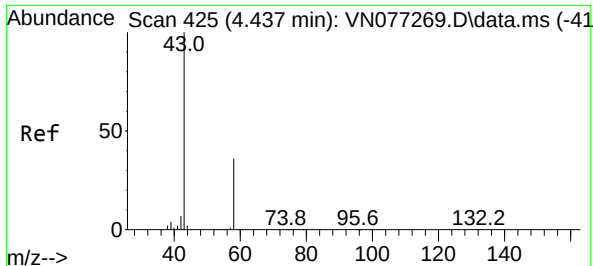
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#14
Acrylonitrile
Concen: 103.686 ug/l
RT: 5.725 min Scan# 644
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Tgt Ion: 53 Resp: 295391
Ion Ratio Lower Upper
53 100
52 81.1 41.0 123.0
51 33.4 17.7 53.1





#15

Acetone

Concen: 79.998 ug/l

RT: 4.437 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN077282.D

Acq: 07 Apr 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 8268

Ion Ratio Lower Upper

58 100

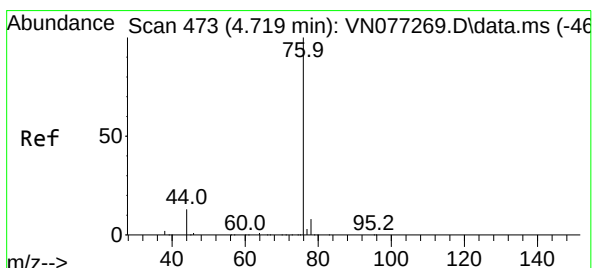
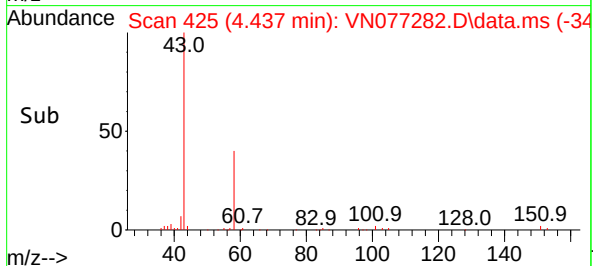
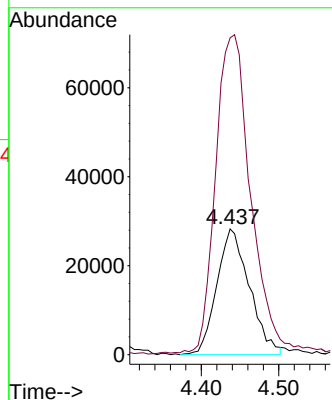
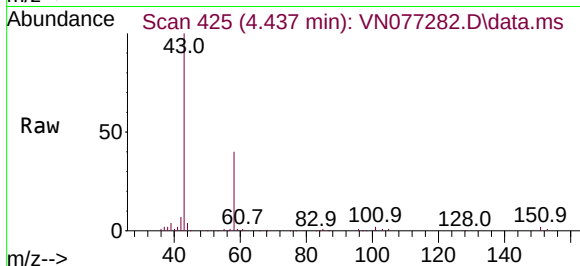
43 250.3 220.9 331.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#16

Carbon Disulfide

Concen: 18.062 ug/l

RT: 4.725 min Scan# 474

Delta R.T. 0.006 min

Lab File: VN077282.D

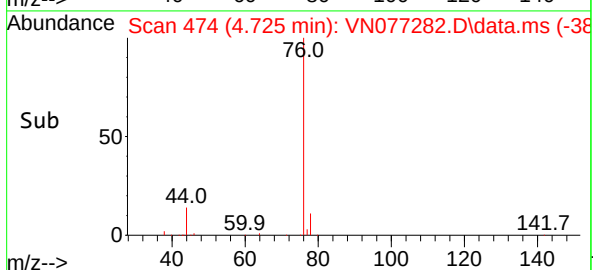
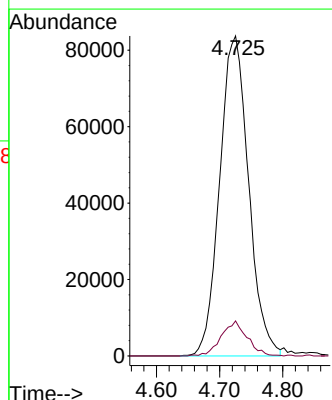
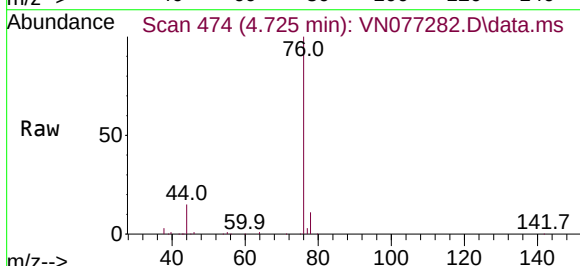
Acq: 07 Apr 2023 17:53

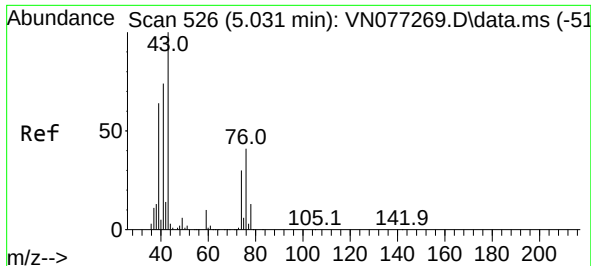
Tgt Ion: 76 Resp: 266690

Ion Ratio Lower Upper

76 100

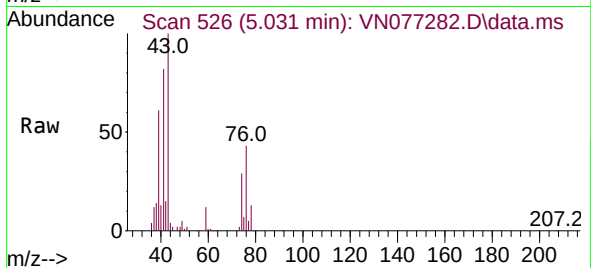
78 10.9 6.3 9.5#





#17
Allyl chloride
Concen: 17.757 ug/l
RT: 5.031 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

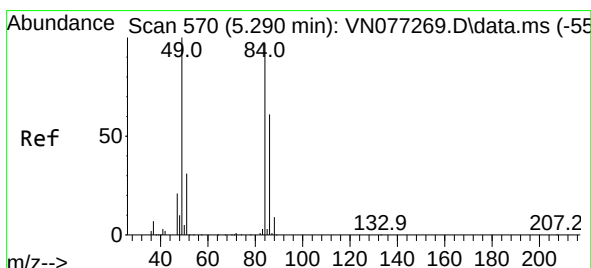
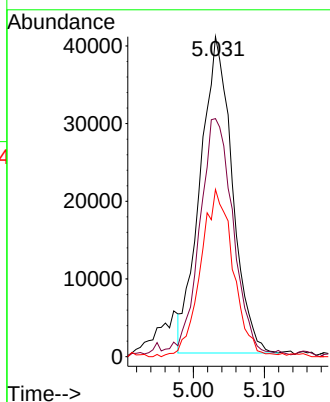
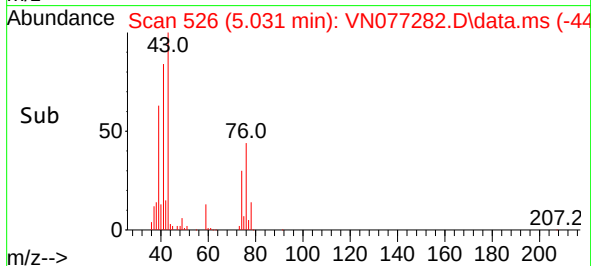
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



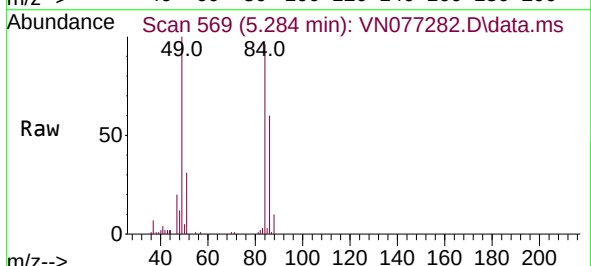
Tgt Ion: 41 Resp: 127874
Ion Ratio Lower Upper
41 100
39 73.3 40.3 120.9
76 52.2 25.3 75.8

Manual Integrations
APPROVED

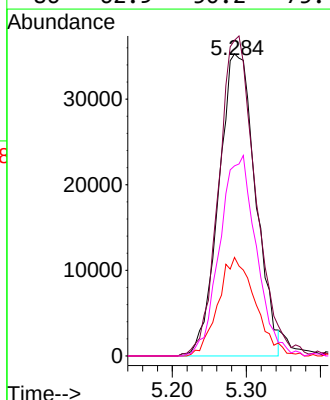
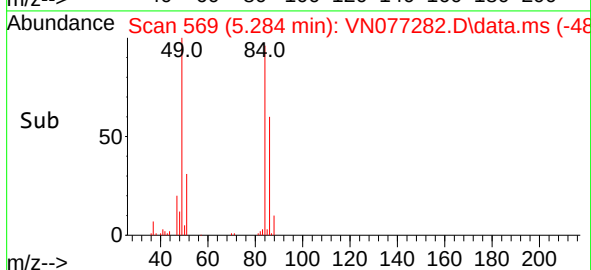
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

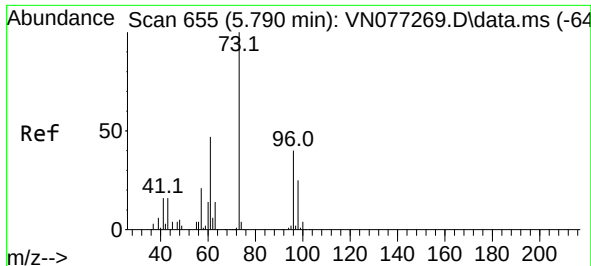


#18
Methylene Chloride
Concen: 18.723 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53



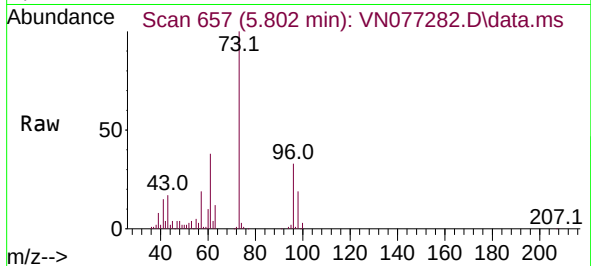
Tgt Ion: 84 Resp: 121628
Ion Ratio Lower Upper
84 100
49 104.5 82.7 124.1
51 32.6 25.6 38.4
86 62.9 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 18.956 ug/l
RT: 5.802 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

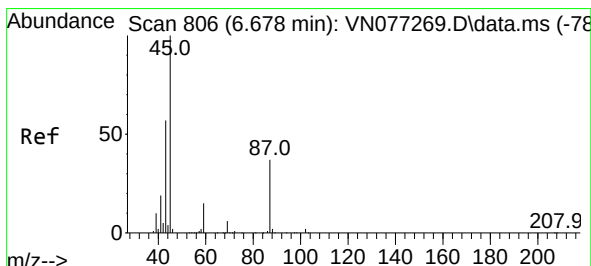
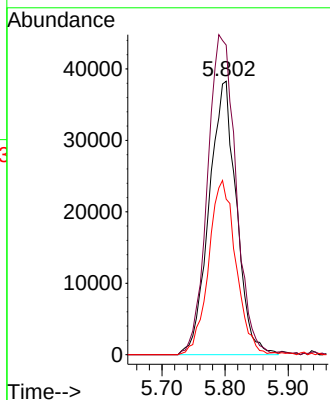
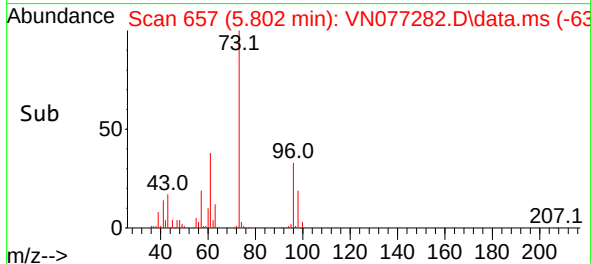
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 115304
Ion Ratio Lower Upper
96 100
61 113.2 94.5 141.7
98 56.9 49.8 74.8

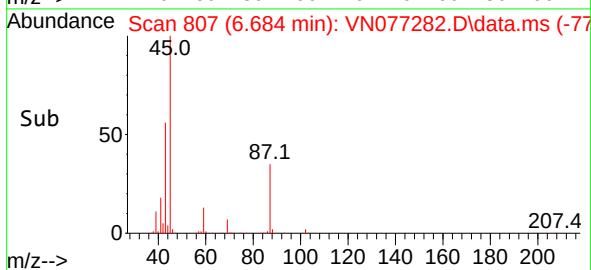
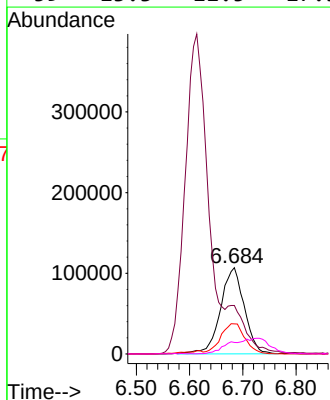
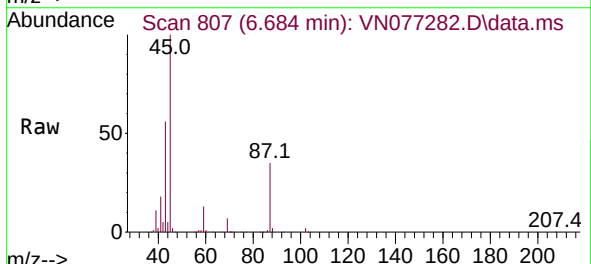
Manual Integrations
APPROVED

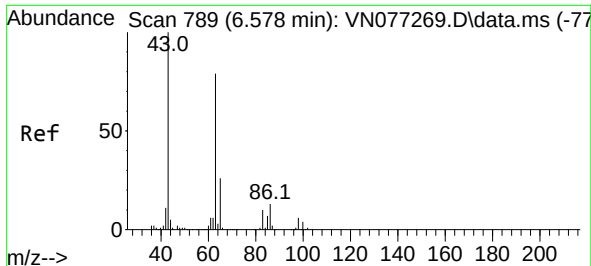
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#20
Diisopropyl ether
Concen: 19.327 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Tgt Ion: 45 Resp: 331721
Ion Ratio Lower Upper
45 100
43 53.2 45.9 68.9
87 34.9 30.1 45.1
59 13.3 11.5 17.3





#21

1,1-Dichloroethane

Concen: 19.330 ug/l

RT: 6.578 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN077282.D

Acq: 07 Apr 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 21028

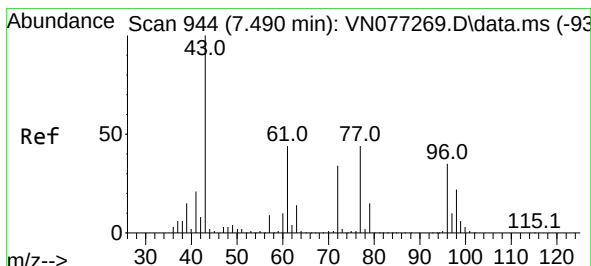
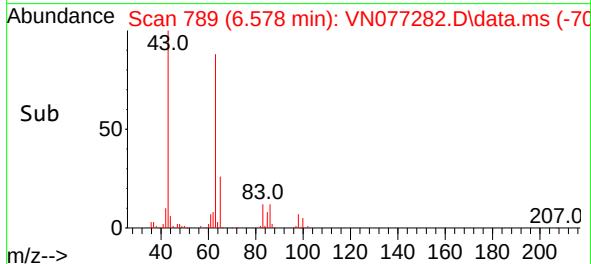
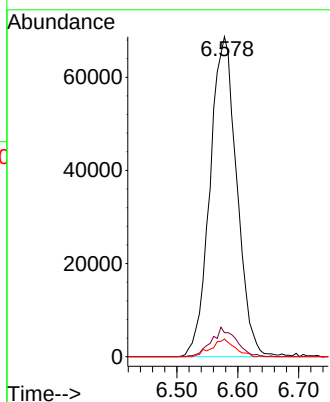
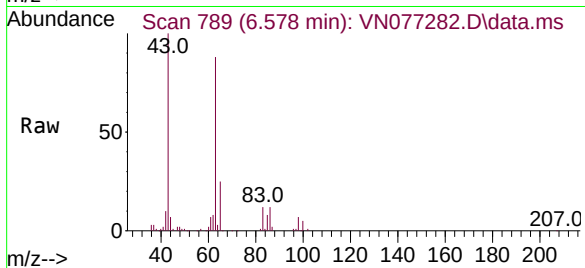
Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.9	11.7
100	5.5	2.3	6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#22

cis-1,2-Dichloroethene

Concen: 19.115 ug/l

RT: 7.496 min Scan# 945

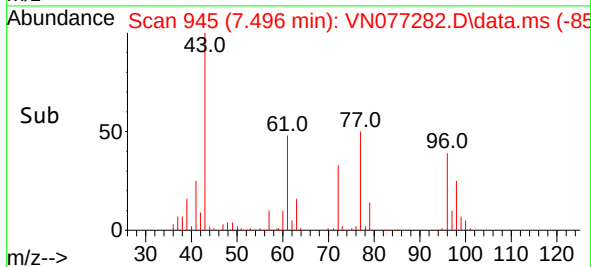
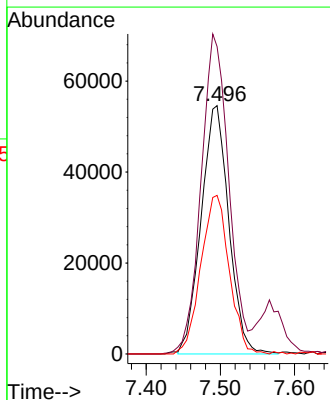
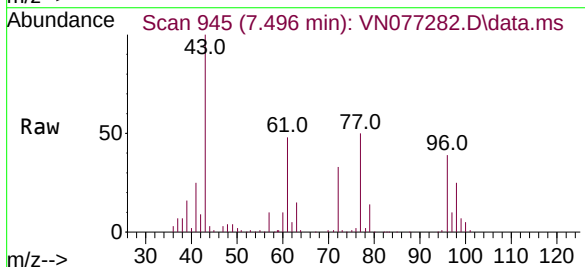
Delta R.T. 0.006 min

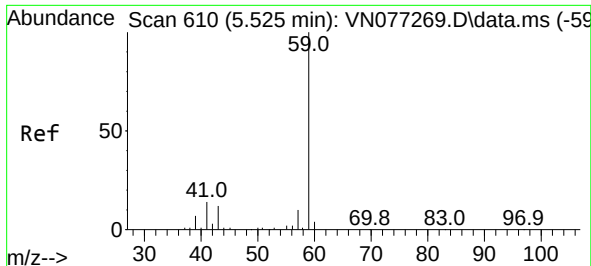
Lab File: VN077282.D

Acq: 07 Apr 2023 17:53

Tgt Ion: 96 Resp: 141740

Ion	Ratio	Lower	Upper
96	100		
61	128.3	105.5	158.3
98	65.2	51.8	77.6





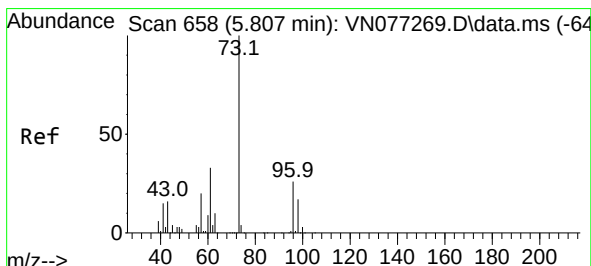
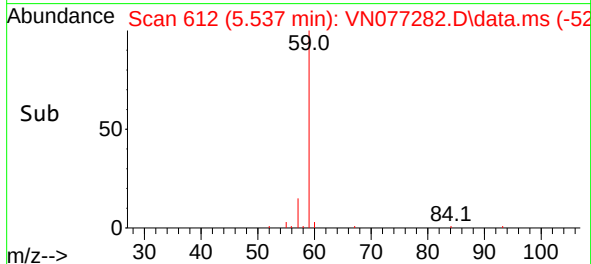
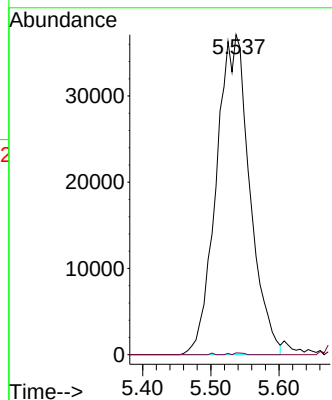
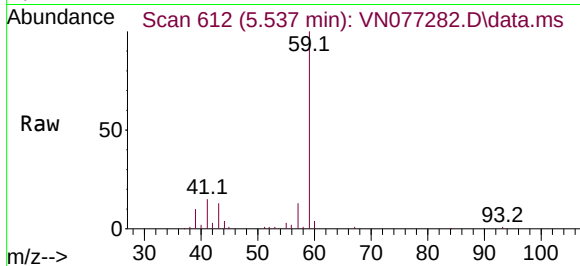
#23
tert-Butyl Alcohol
Concen: 100.296 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 127052
Ion Ratio Lower Upper
59 100
52 0.2 0.1 0.1

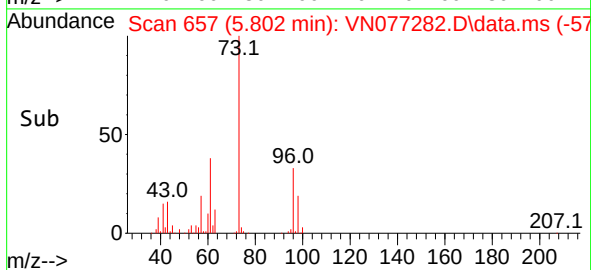
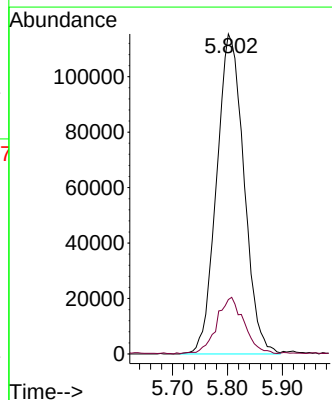
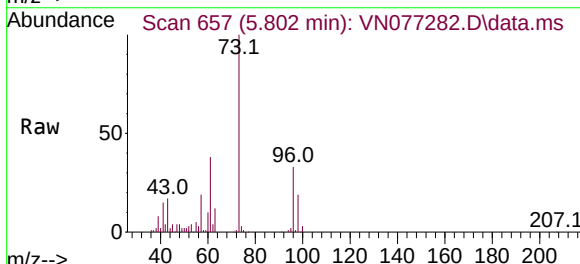
Manual Integrations
APPROVED

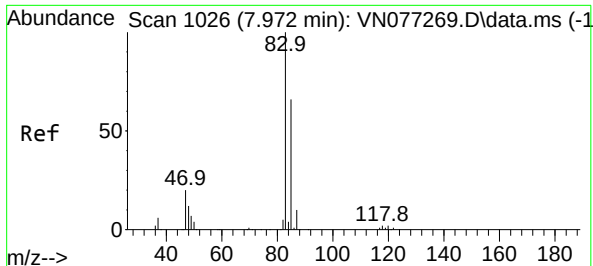
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#24
Methyl tert-Butyl Ether
Concen: 19.783 ug/l
RT: 5.802 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Tgt Ion: 73 Resp: 398413
Ion Ratio Lower Upper
73 100
43 17.3 13.5 20.3





#25

Chloroform

Concen: 19.359 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN077282.D

Acq: 07 Apr 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 228234

Ion Ratio Lower Upper

83 100

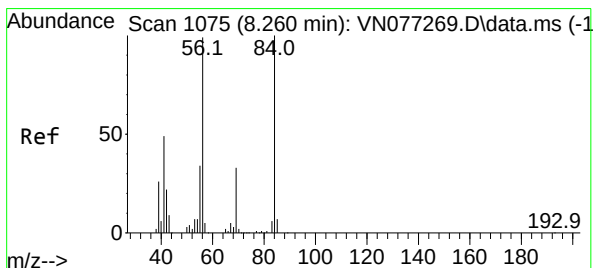
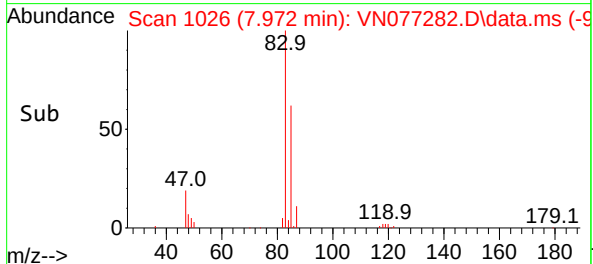
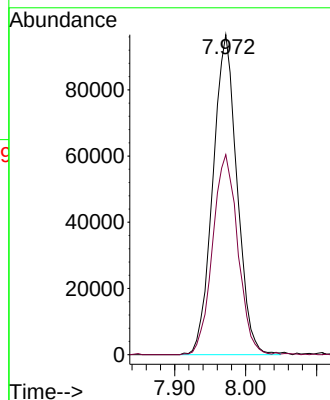
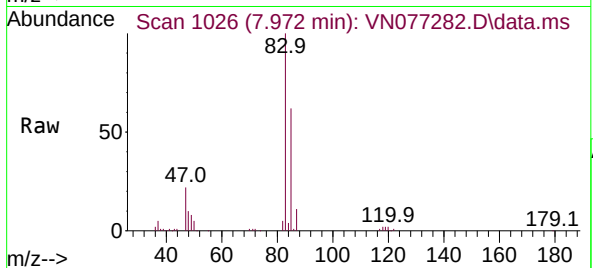
85 62.5 52.9 79.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#26

Cyclohexane

Concen: 19.013 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN077282.D

Acq: 07 Apr 2023 17:53

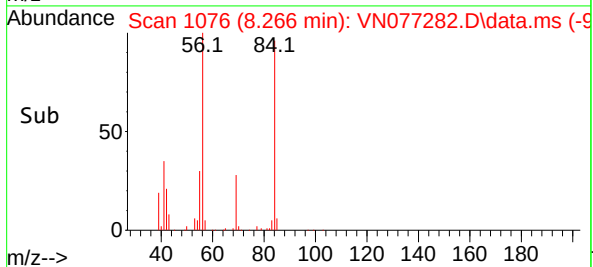
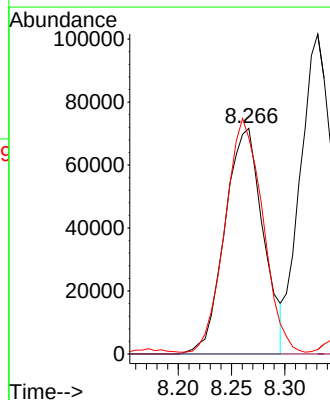
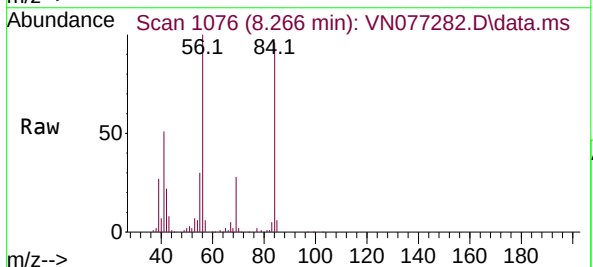
Tgt Ion: 56 Resp: 179730

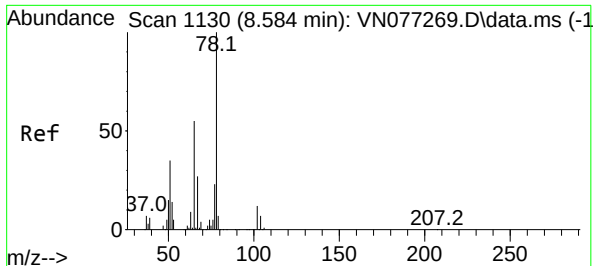
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 103.5 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 30.996 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077282.D

Acq: 07 Apr 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 139560

Ion Ratio Lower Upper

65 100

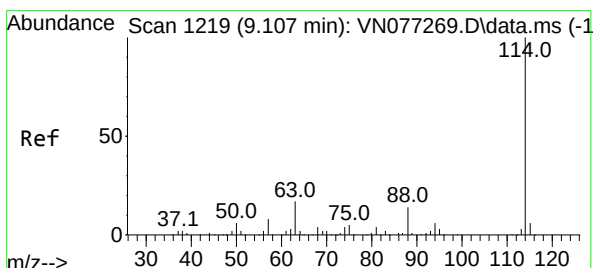
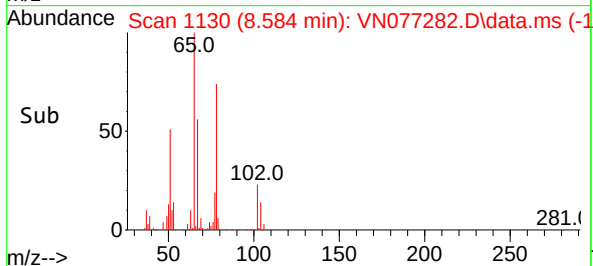
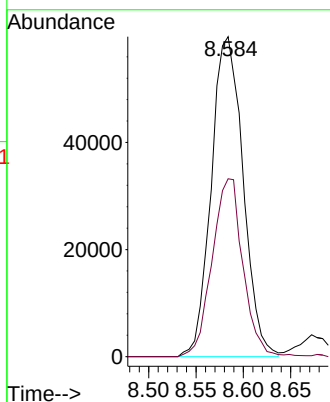
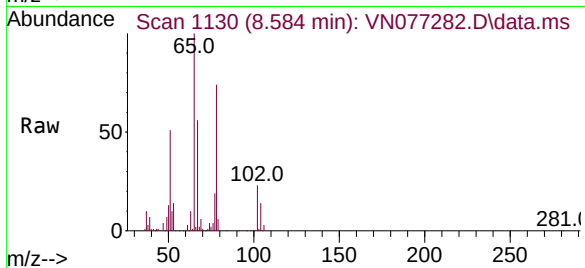
67 53.7 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077282.D

Acq: 07 Apr 2023 17:53

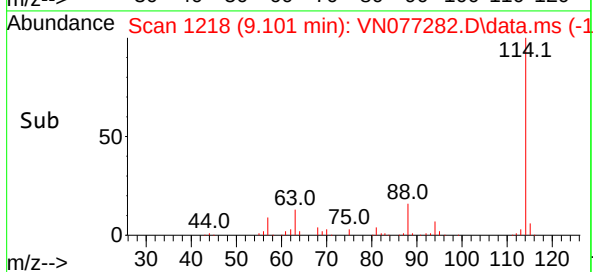
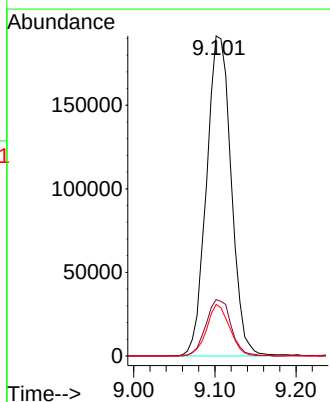
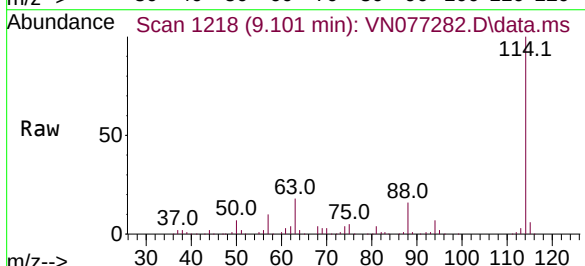
Tgt Ion:114 Resp: 405388

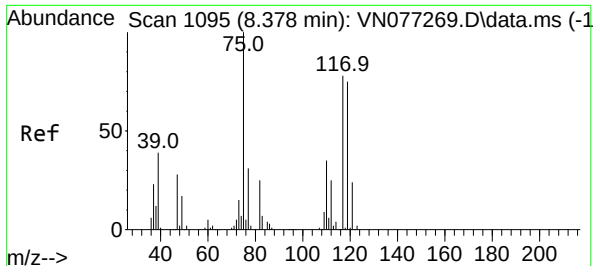
Ion Ratio Lower Upper

114 100

63 17.9 15.0 22.4

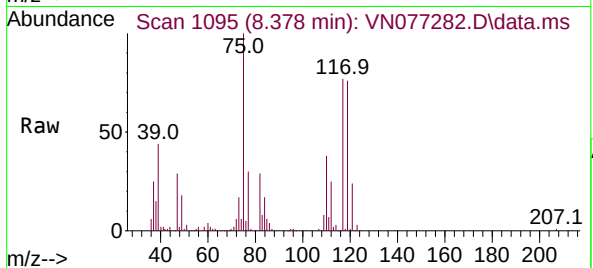
88 14.9 11.9 17.9





#29
1,1-Dichloropropene
Concen: 18.675 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

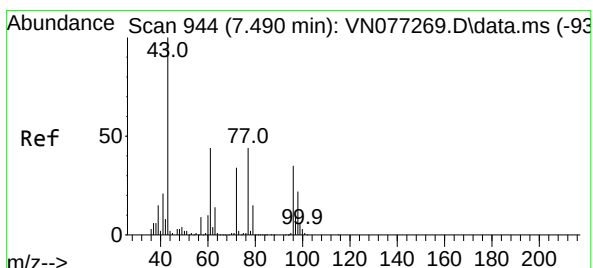
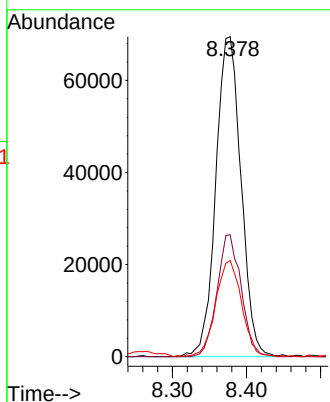
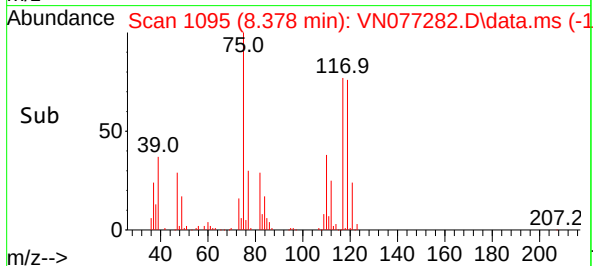
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



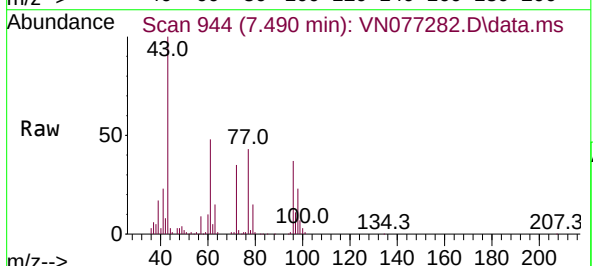
Tgt Ion: 75 Resp: 164000
Ion Ratio Lower Upper
75 100
110 36.4 0.0 72.4
77 31.0 0.0 61.4

Manual Integrations
APPROVED

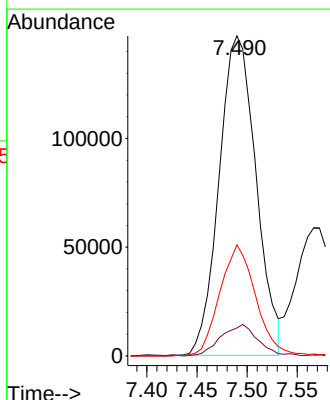
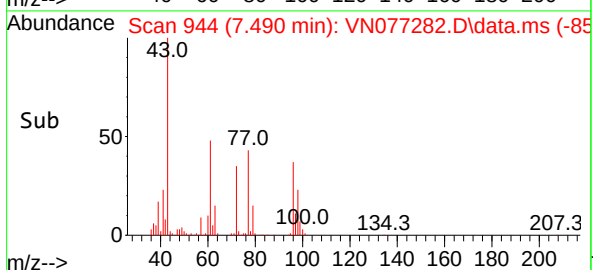
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

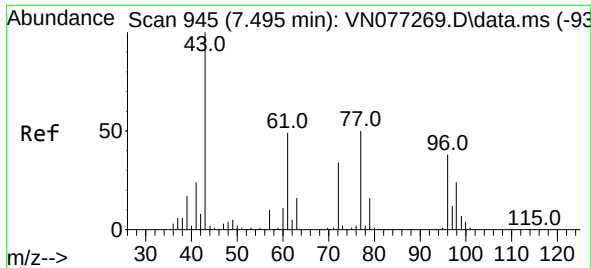


#30
2-Butanone
Concen: 90.866 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53



Tgt Ion: 43 Resp: 377351
Ion Ratio Lower Upper
43 100
57 9.7 7.5 11.3
72 33.9 26.9 40.3





#31

2,2-Dichloropropane

Concen: 18.189 ug/l

RT: 7.496 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077282.D

Acq: 07 Apr 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 77 Resp: 196080

Ion Ratio Lower Upper

77 100

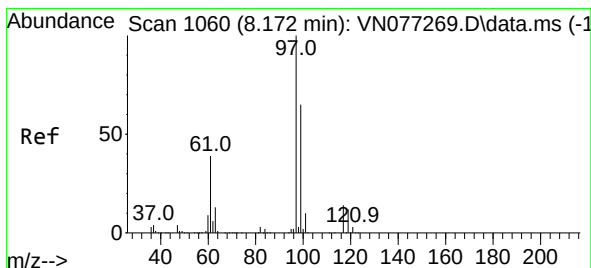
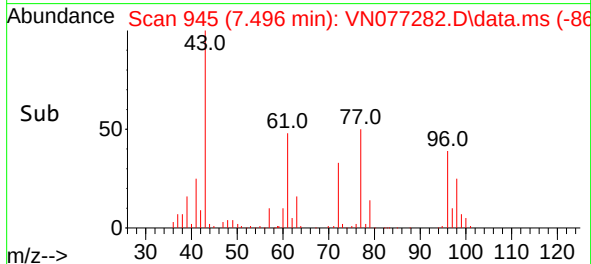
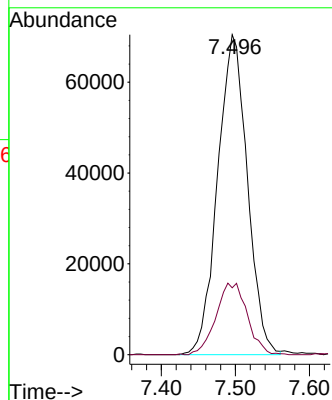
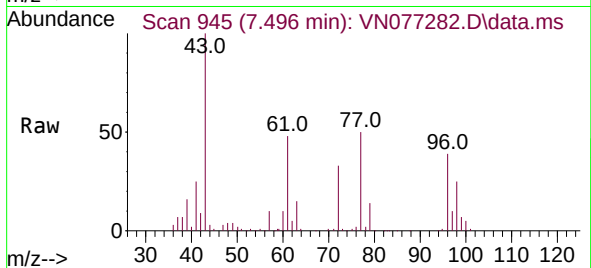
97 23.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#32

1,1,1-Trichloroethane

Concen: 19.066 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077282.D

Acq: 07 Apr 2023 17:53

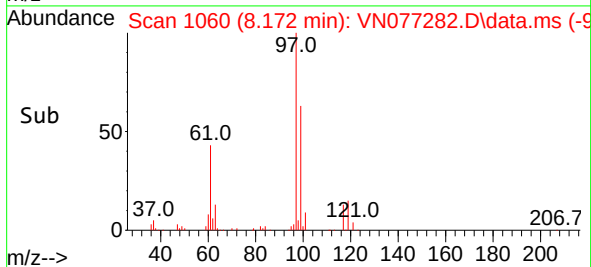
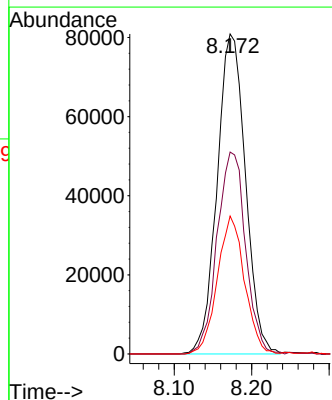
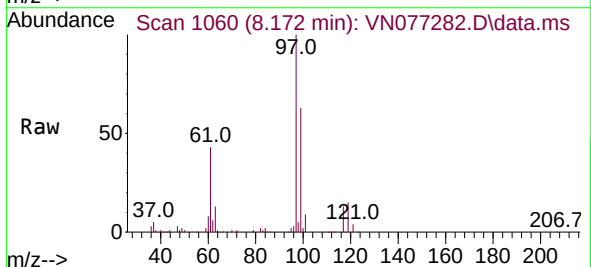
Tgt Ion: 97 Resp: 206056

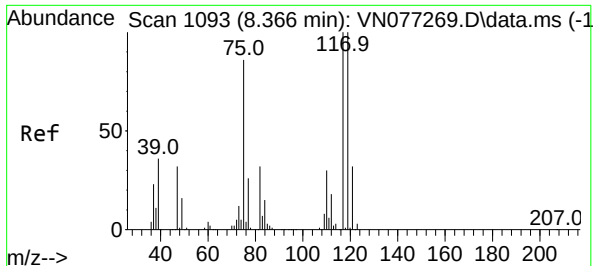
Ion Ratio Lower Upper

97 100

99 63.2 51.6 77.4

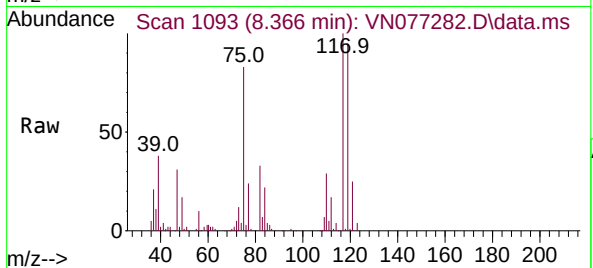
61 41.2 32.4 48.6





#33
Carbon Tetrachloride
Concen: 19.054 ug/l m
RT: 8.366 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

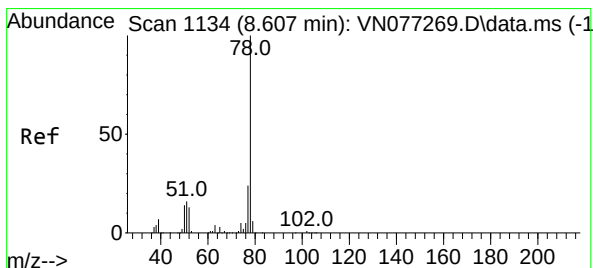
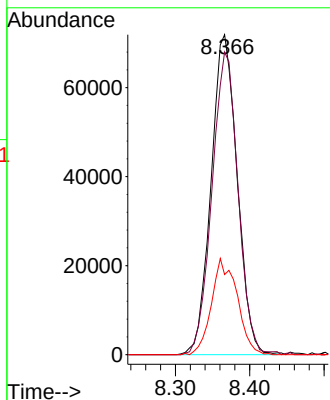
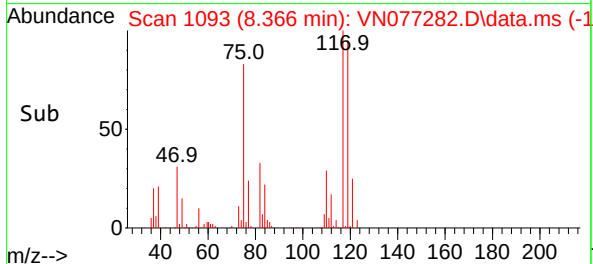
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 175752
Ion Ratio Lower Upper
117 100
119 94.6 80.2 120.4
121 25.1 26.0 39.0

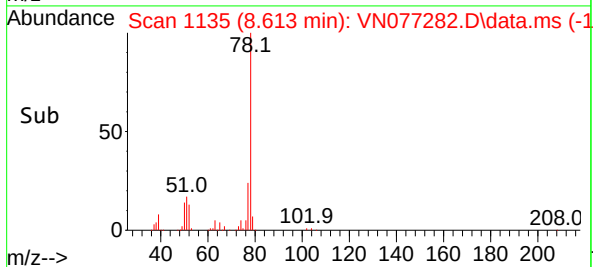
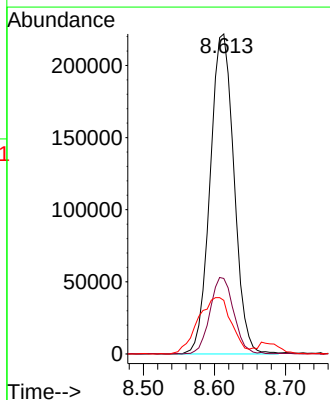
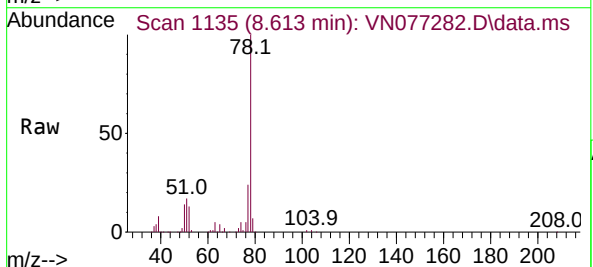
Manual Integrations
APPROVED

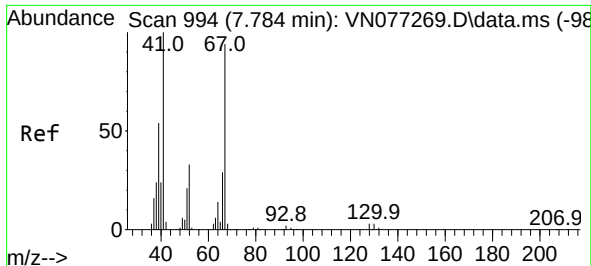
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#34
Benzene
Concen: 19.038 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

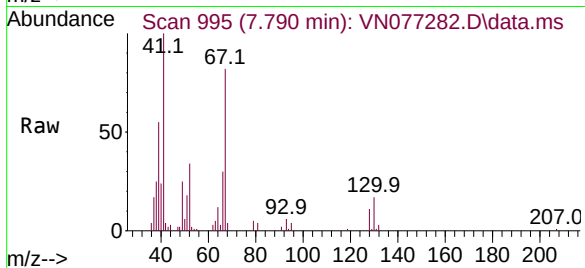
Tgt Ion: 78 Resp: 517315
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0
51 16.1 12.6 19.0





#35
Methacrylonitrile
Concen: 21.537 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

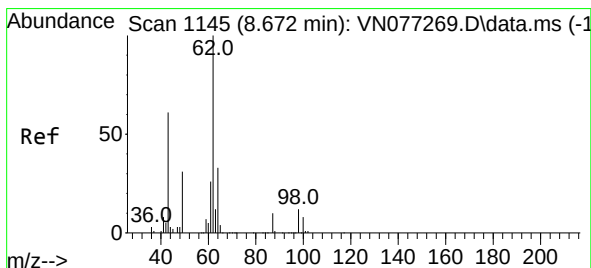
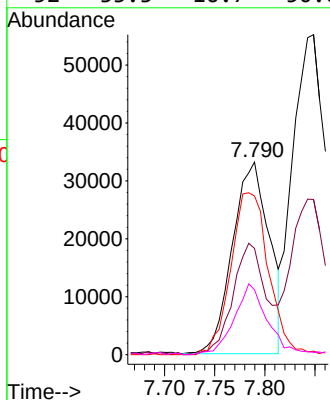
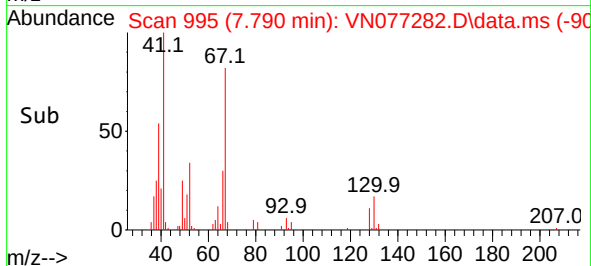
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 8425
Ion Ratio Lower Upper
41 100
39 54.3 27.1 81.2
67 82.9 46.8 140.4
52 33.3 16.7 50.0

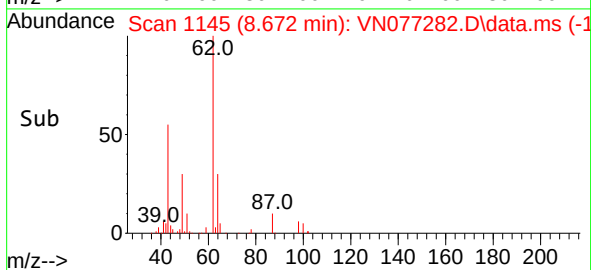
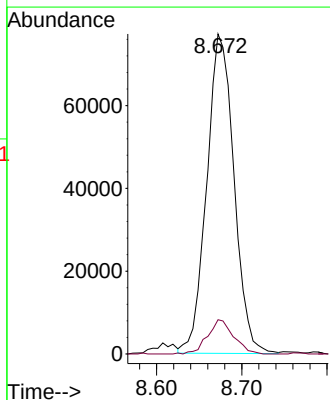
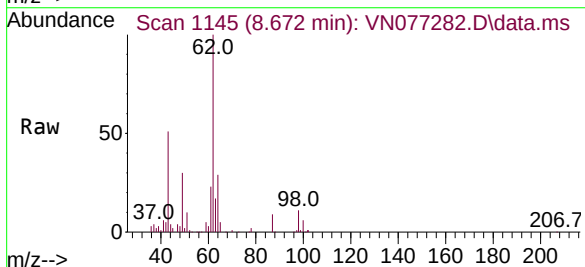
Manual Integrations
APPROVED

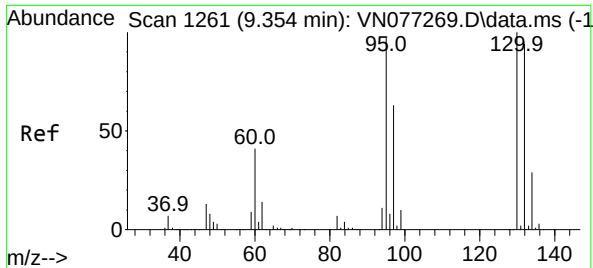
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#36
1,2-Dichloroethane
Concen: 20.153 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

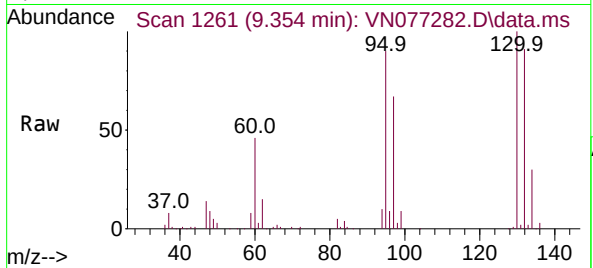
Tgt Ion: 62 Resp: 171681
Ion Ratio Lower Upper
62 100
98 10.2 8.3 12.5





#37
Trichloroethene
Concen: 18.820 ug/l
RT: 9.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

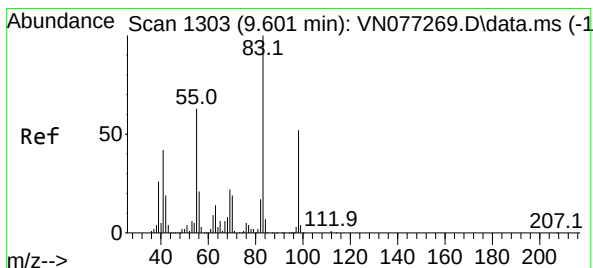
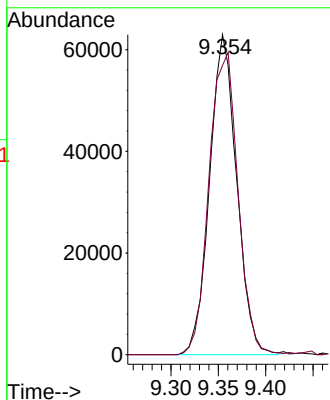
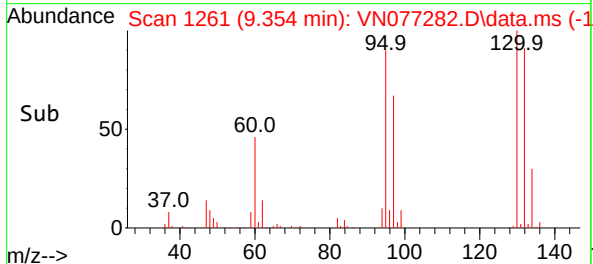
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



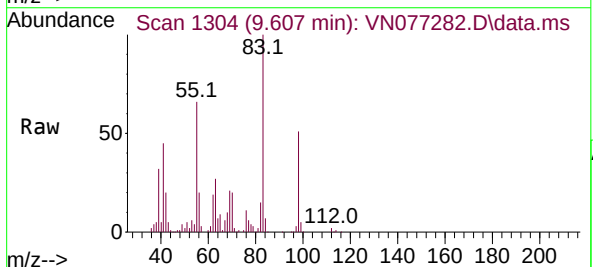
Tgt Ion:130 Resp: 12508
Ion Ratio Lower Upper
130 100
95 90.4 77.5 116.3

Manual Integrations
APPROVED

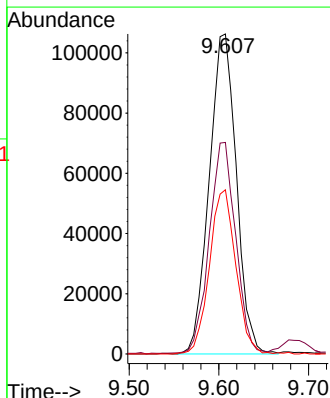
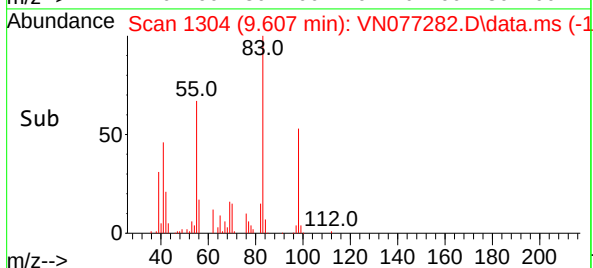
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

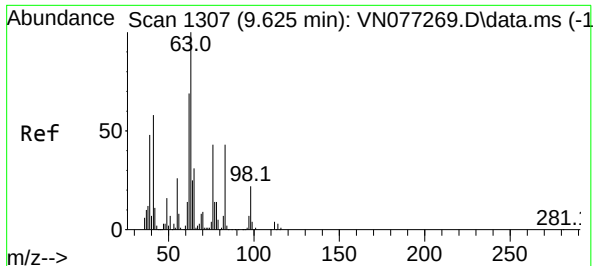


#38
Methylcyclohexane
Concen: 18.748 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53



Tgt Ion: 83 Resp: 223300
Ion Ratio Lower Upper
83 100
55 64.8 32.0 96.2
98 49.7 25.3 75.9





#39

1,2-Dichloropropane

Concen: 19.137 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077282.D

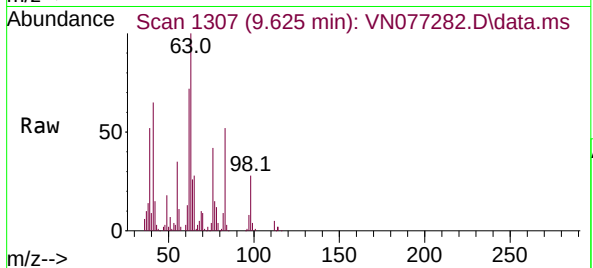
Acq: 07 Apr 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 63 Resp: 12908

Ion Ratio Lower Upper

63 100

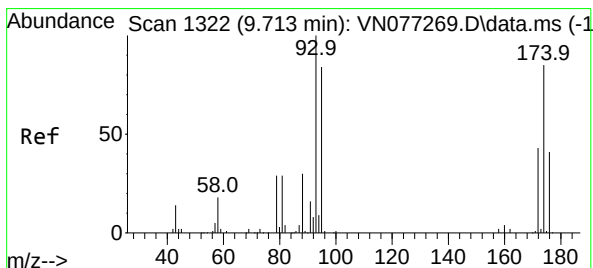
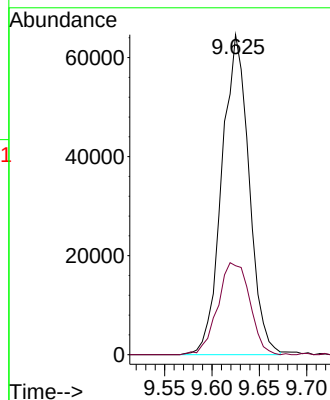
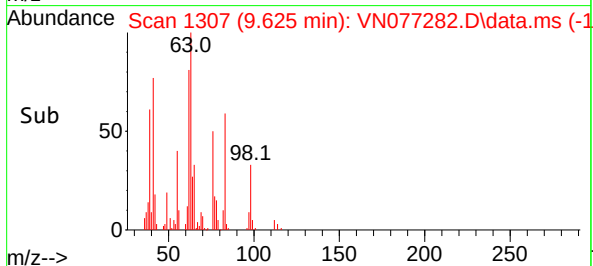
65 27.8 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#40

Dibromomethane

Concen: 19.896 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077282.D

Acq: 07 Apr 2023 17:53

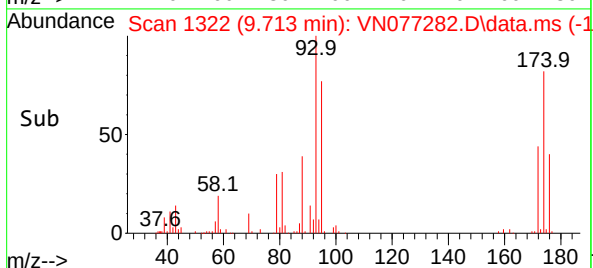
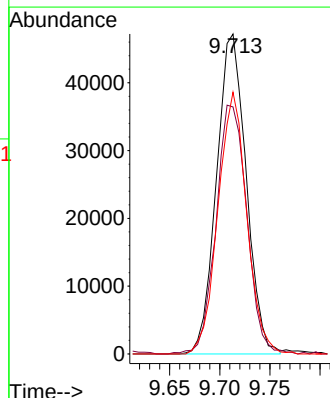
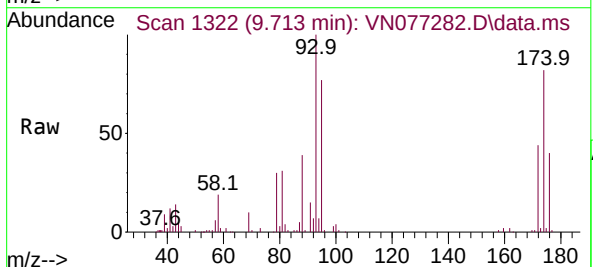
Tgt Ion: 93 Resp: 96696

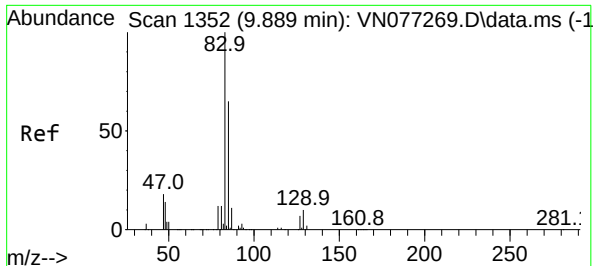
Ion Ratio Lower Upper

93 100

95 80.8 0.0 166.4

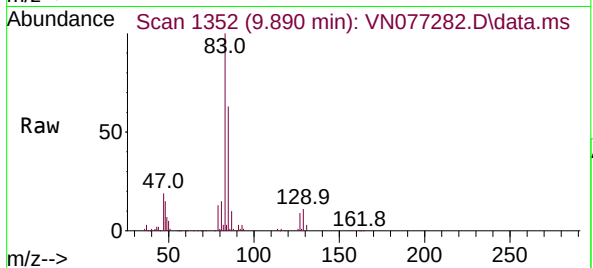
174 79.5 0.0 164.8





#41
Bromodichloromethane
Concen: 19.185 ug/l
RT: 9.890 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

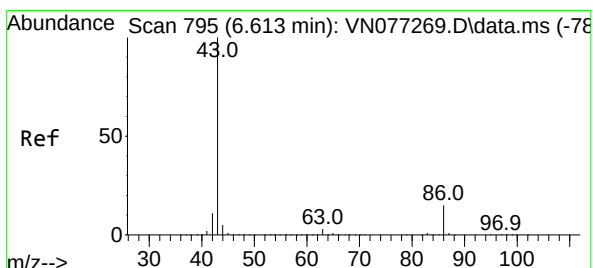
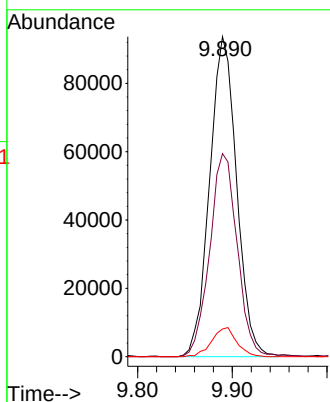
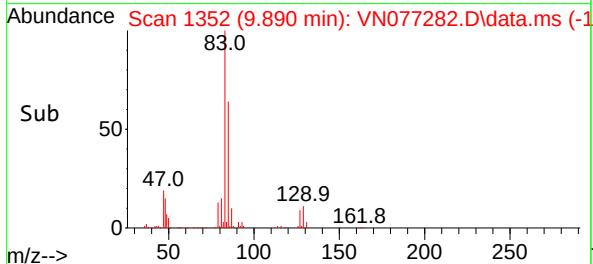
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 18592
Ion Ratio Lower Upper
83 100
85 63.4 52.3 78.5
127 8.6 5.9 8.9

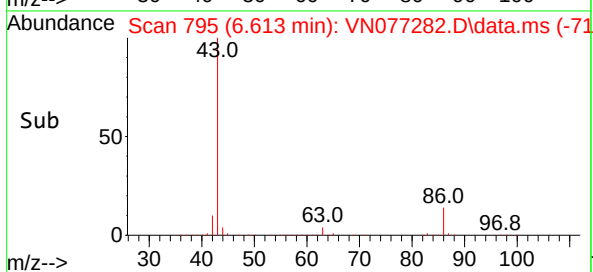
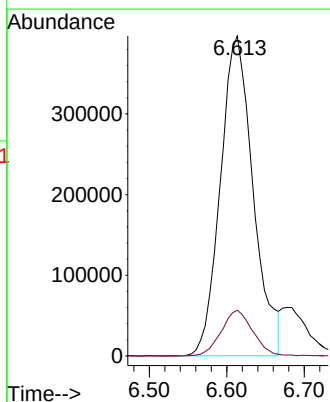
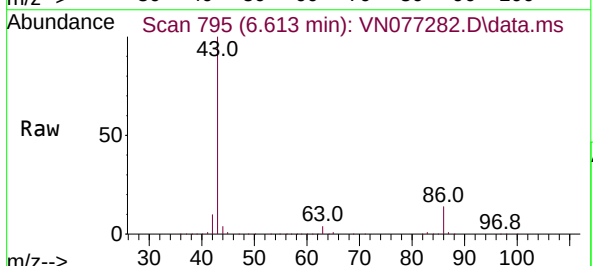
Manual Integrations
APPROVED

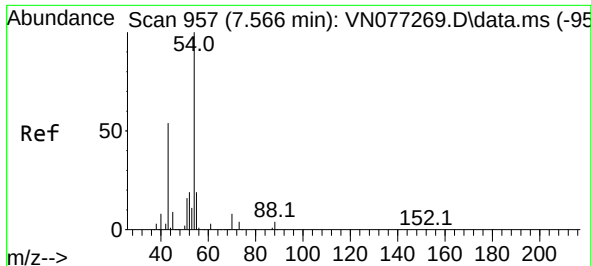
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#42
Vinyl Acetate
Concen: 97.255 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

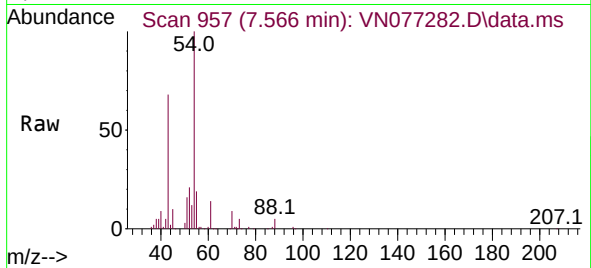
Tgt Ion: 43 Resp: 1168906
Ion Ratio Lower Upper
43 100
86 13.7 0.0 0.0#





#43
Ethyl Acetate
Concen: 20.678 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

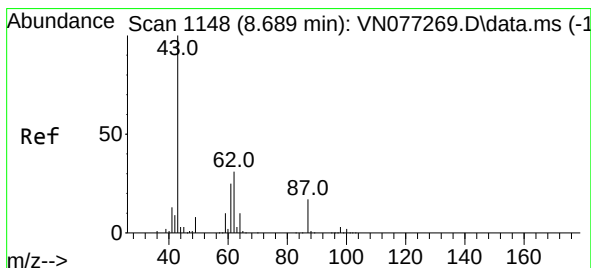
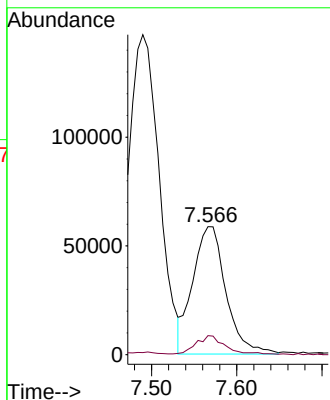
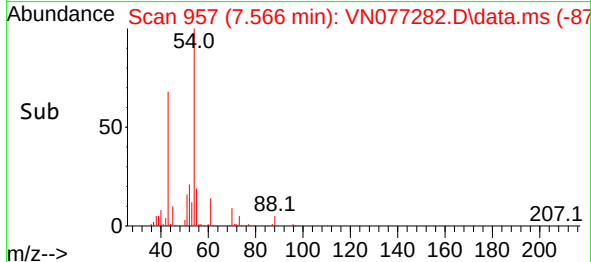
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 15887
Ion Ratio Lower Upper
43 100
45 11.7 12.3 18.5

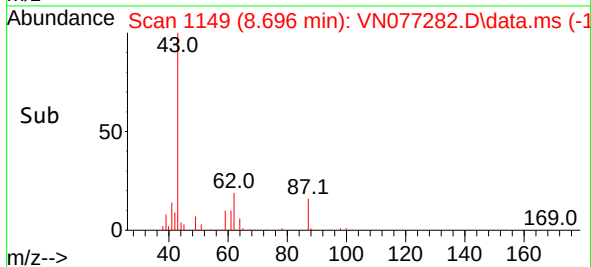
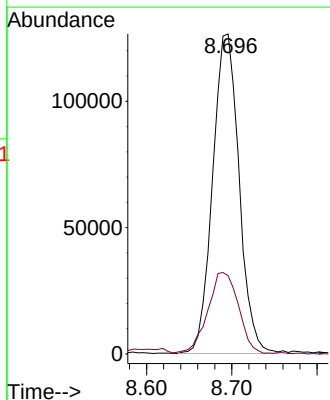
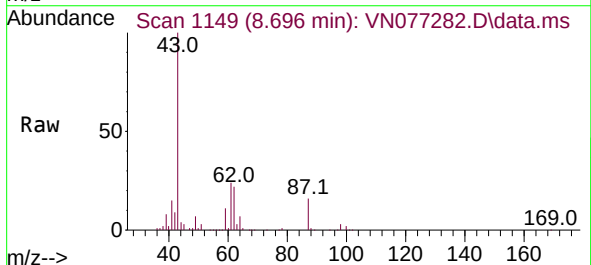
Manual Integrations
APPROVED

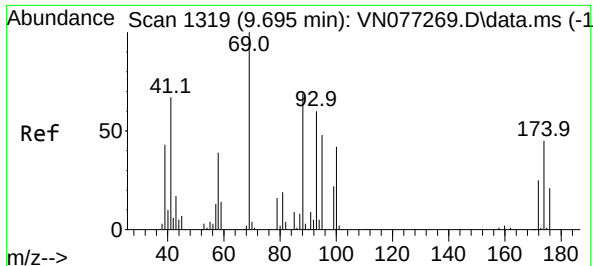
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#44
Isopropyl Acetate
Concen: 19.798 ug/l
RT: 8.696 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

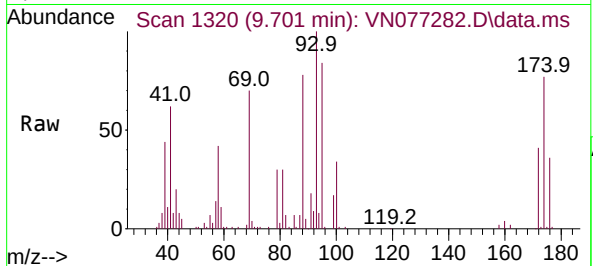
Tgt Ion: 43 Resp: 272348
Ion Ratio Lower Upper
43 100
61 29.9 0.0 0.0#





#45
1,4-Dioxane
Concen: 418.093 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

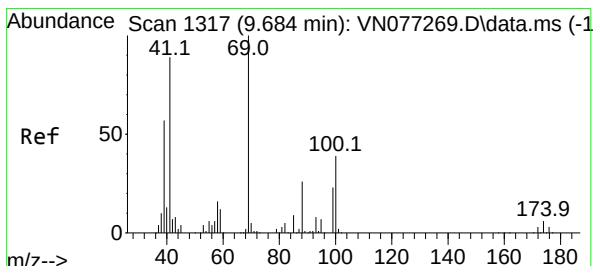
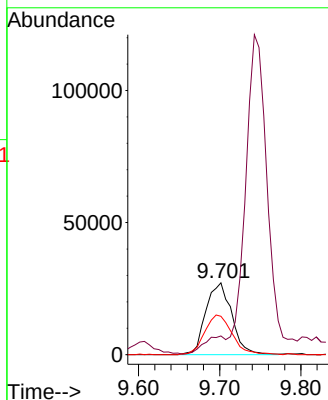
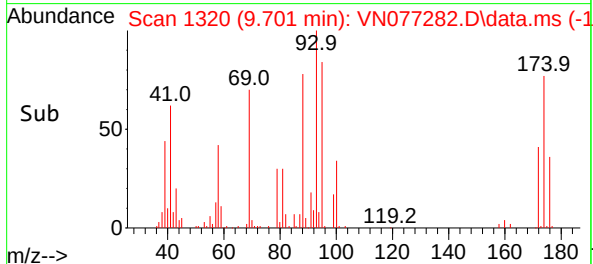
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



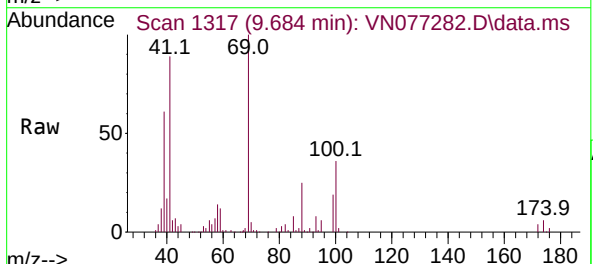
Tgt Ion: 88 Resp: 60658
Ion Ratio Lower Upper
88 100
43 21.2 17.4 26.0
58 57.6 48.2 72.4

Manual Integrations
APPROVED

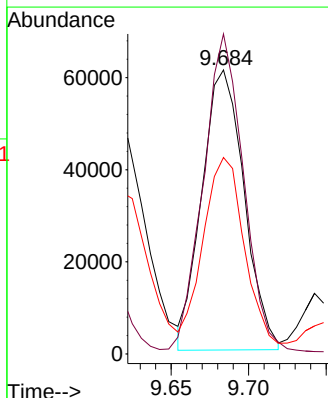
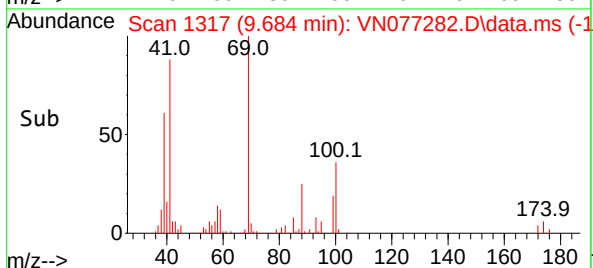
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

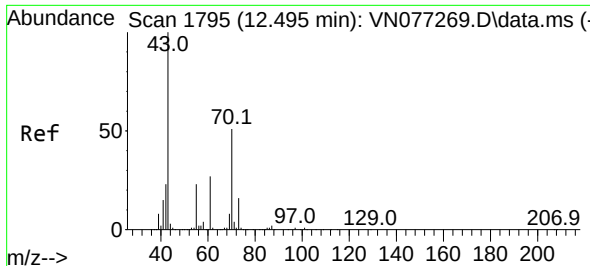


#46
Methyl methacrylate
Concen: 19.457 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53



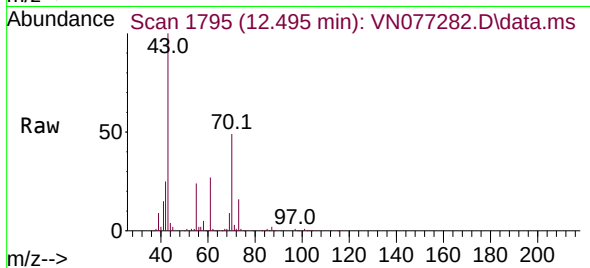
Tgt Ion: 41 Resp: 115240
Ion Ratio Lower Upper
41 100
69 112.7 54.5 163.5
39 68.0 33.4 100.2





#47
n-amyl acetate
Concen: 19.502 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

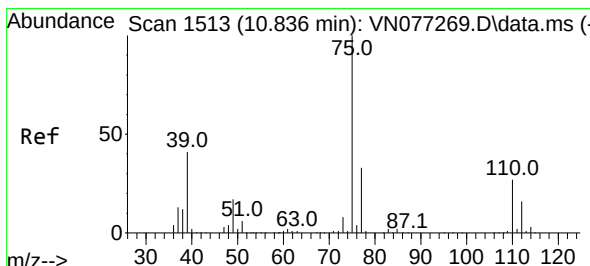
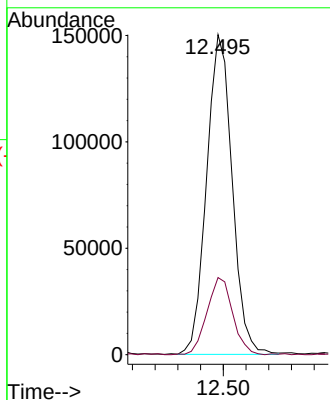
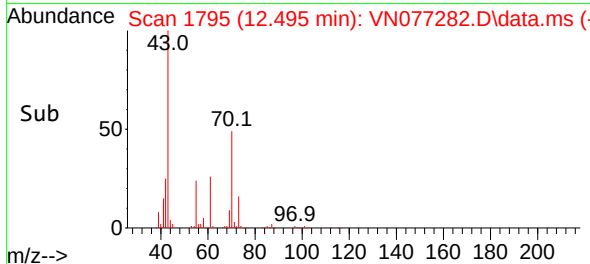
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 234459
Ion Ratio Lower Upper
43 100
55 24.2 19.4 29.0

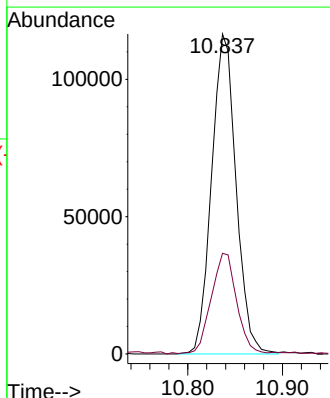
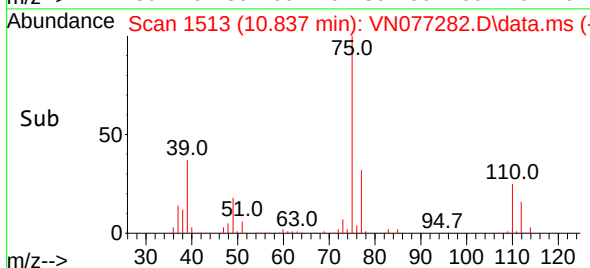
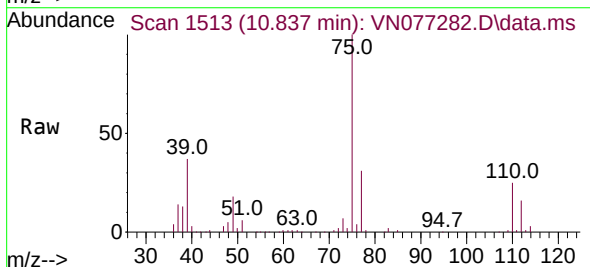
Manual Integrations
APPROVED

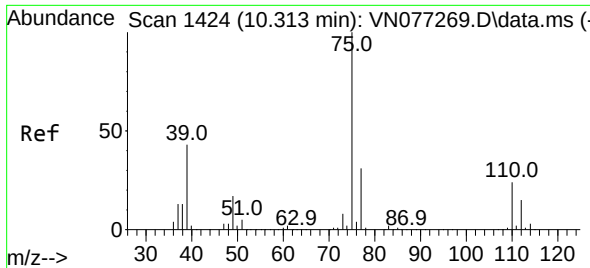
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#48
t-1,3-Dichloropropene
Concen: 19.273 ug/l
RT: 10.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

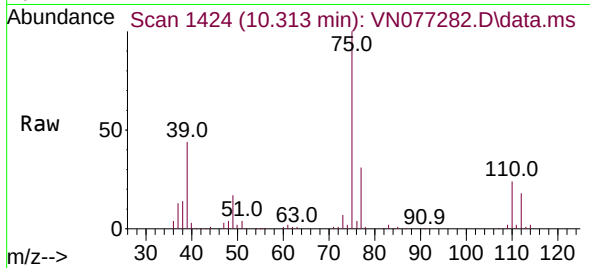
Tgt Ion: 75 Resp: 209038
Ion Ratio Lower Upper
75 100
77 31.3 26.5 39.7





#49
 cis-1,3-Dichloropropene
 Concen: 19.294 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN077282.D
 Acq: 07 Apr 2023 17:53

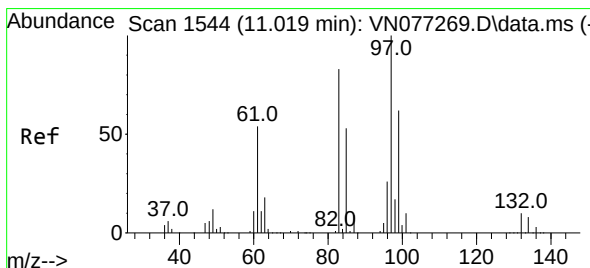
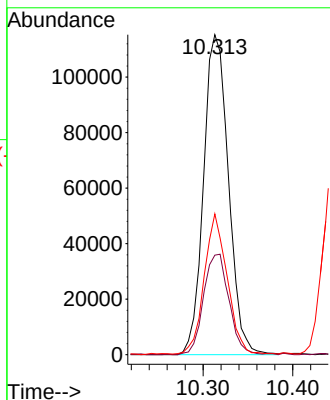
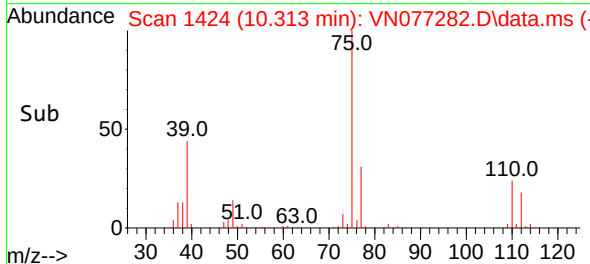
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 222618
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.6
 39 43.8 34.4 51.6

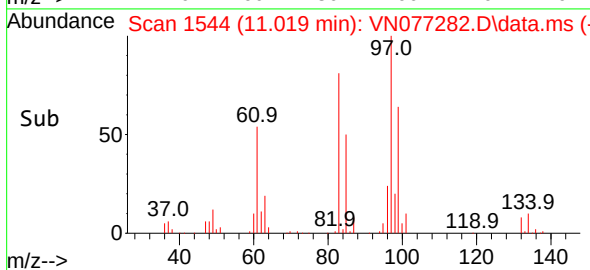
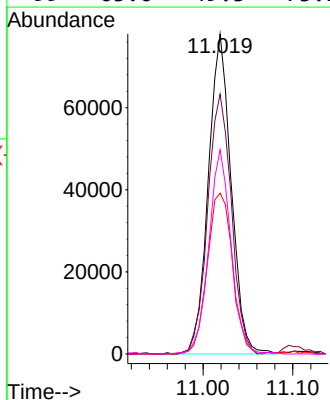
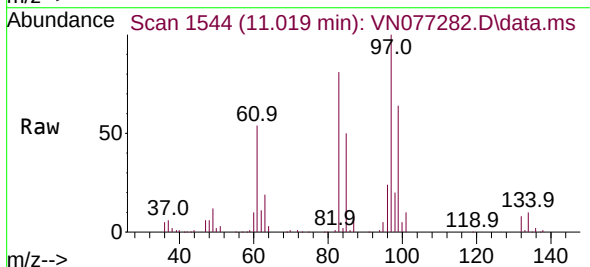
Manual Integrations
 APPROVED

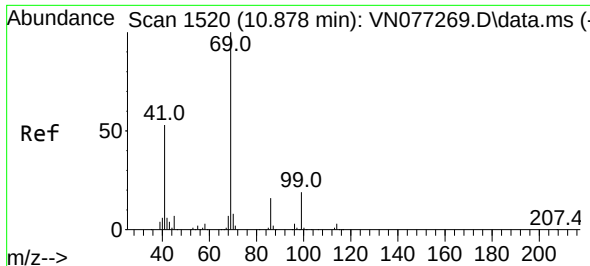
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#50
 1,1,2-Trichloroethane
 Concen: 19.487 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VN077282.D
 Acq: 07 Apr 2023 17:53

Tgt Ion: 97 Resp: 137570
 Ion Ratio Lower Upper
 97 100
 83 81.2 66.7 100.1
 85 49.9 42.4 63.6
 99 63.6 49.3 73.9





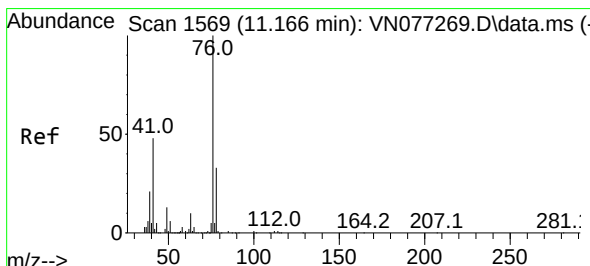
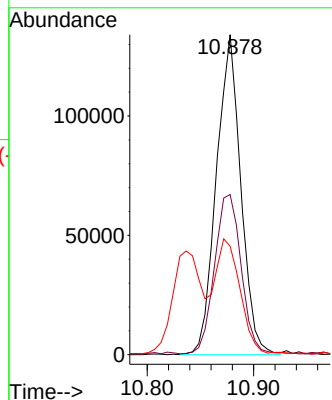
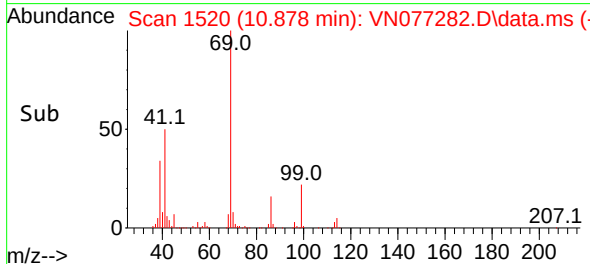
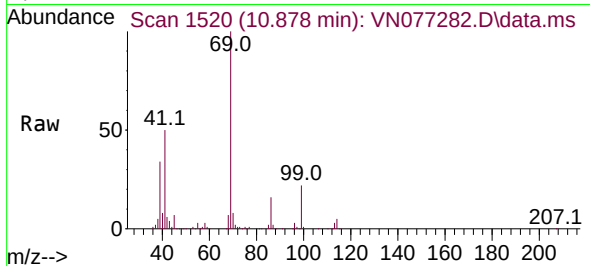
#51
Ethyl methacrylate
Concen: 19.700 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 213560
Ion Ratio Lower Upper
69 100
41 49.7 26.7 80.0
39 33.1 17.0 50.9

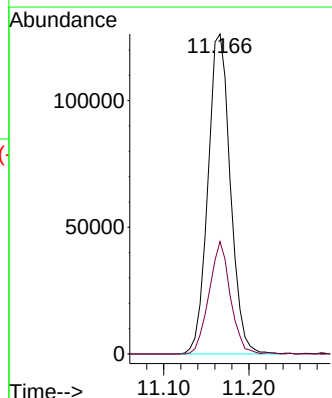
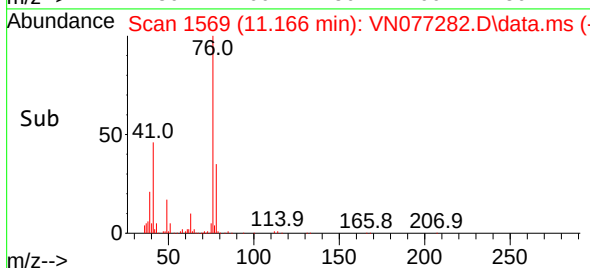
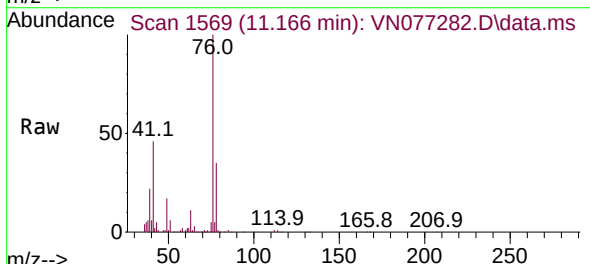
Manual Integrations
APPROVED

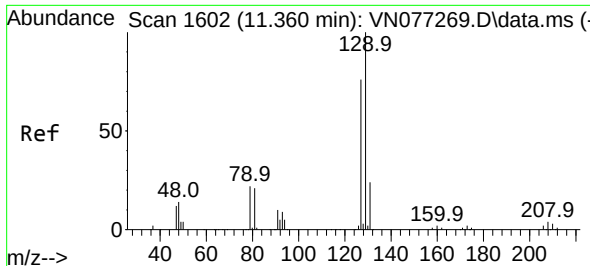
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#52
1,3-Dichloropropane
Concen: 19.603 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

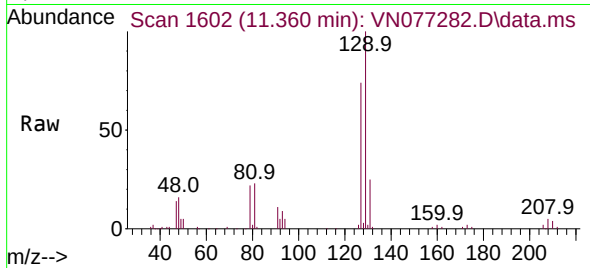
Tgt Ion: 76 Resp: 230962
Ion Ratio Lower Upper
76 100
78 33.4 0.0 65.0





#53
Dibromochloromethane
Concen: 19.725 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

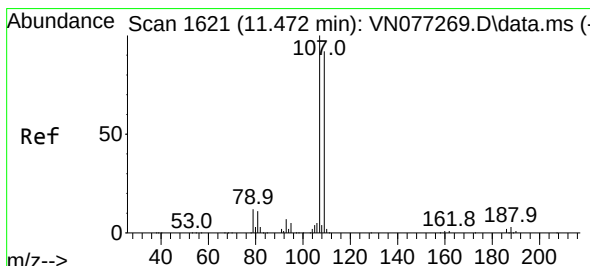
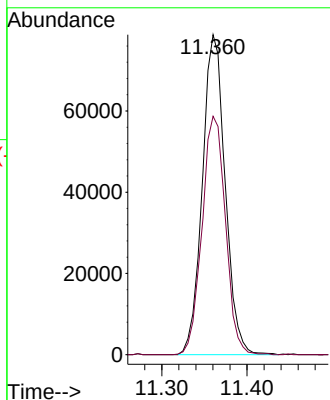
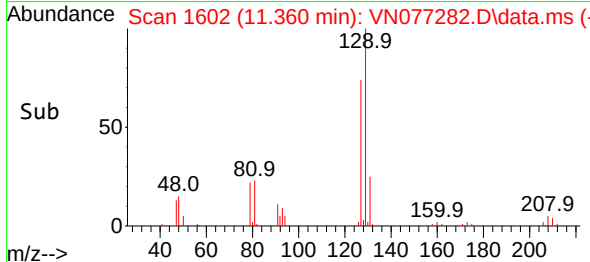
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



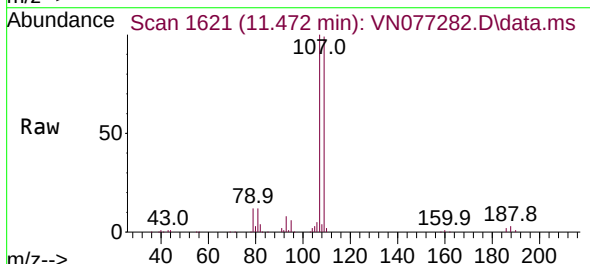
Tgt Ion:129 Resp: 146763
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.8

Manual Integrations
APPROVED

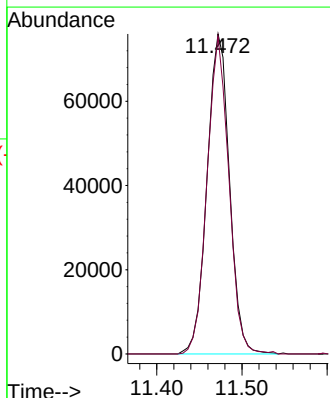
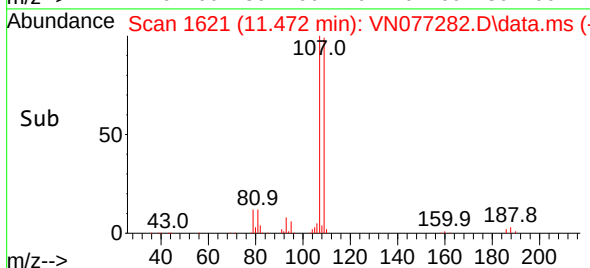
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

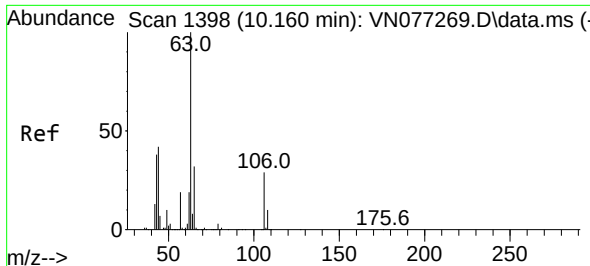


#54
1,2-Dibromoethane
Concen: 19.610 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53



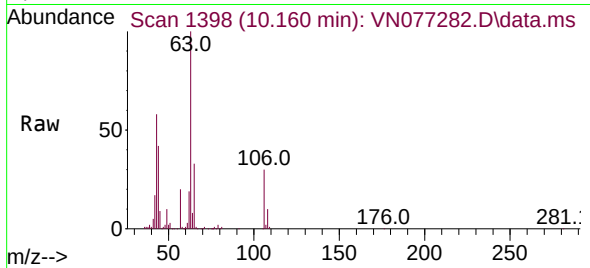
Tgt Ion:107 Resp: 138970
Ion Ratio Lower Upper
107 100
109 96.2 74.1 111.1





#55
2-Chloroethyl vinyl ether
Concen: 102.212 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

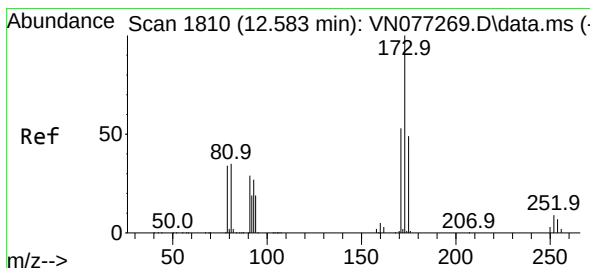
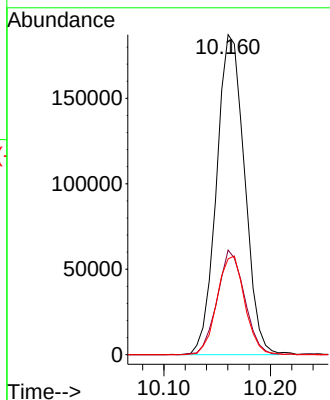
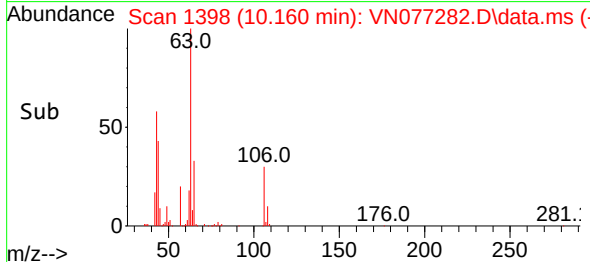
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 342115
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5
106 30.5 24.0 36.0

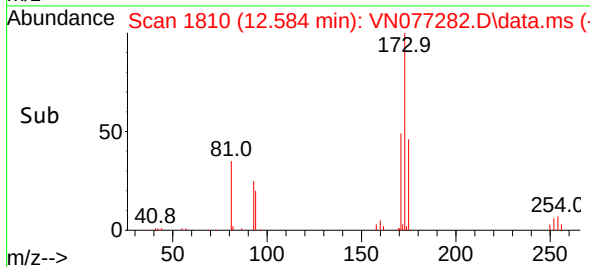
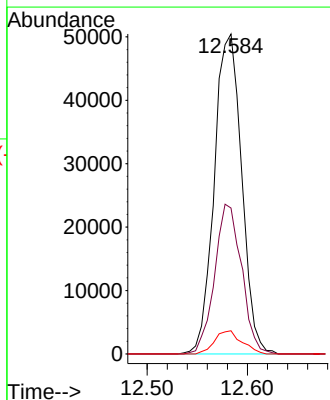
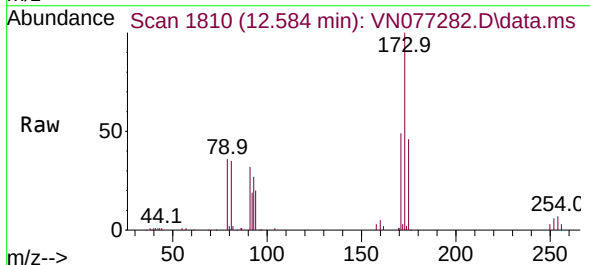
Manual Integrations
APPROVED

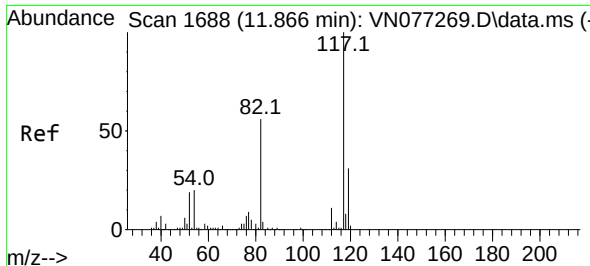
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#56
Bromoform
Concen: 19.121 ug/l
RT: 12.584 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

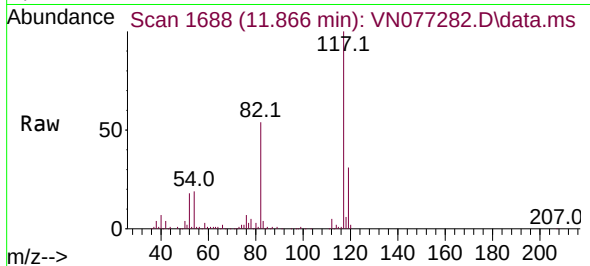
Tgt Ion:173 Resp: 95566
Ion Ratio Lower Upper
173 100
175 46.0 38.2 57.2
254 7.2 6.0 9.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

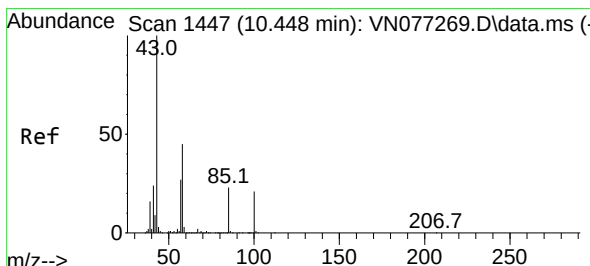
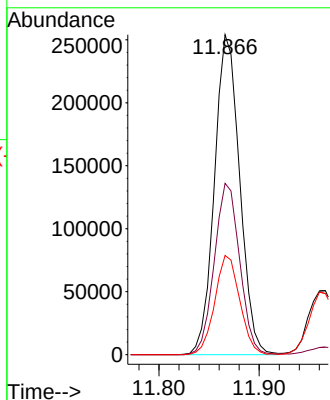
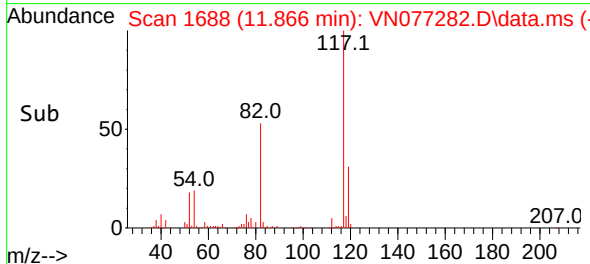
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 443948
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 30.7 25.4 38.0

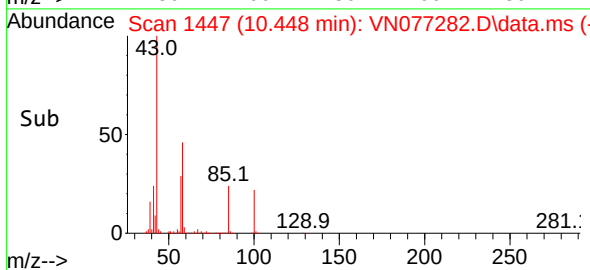
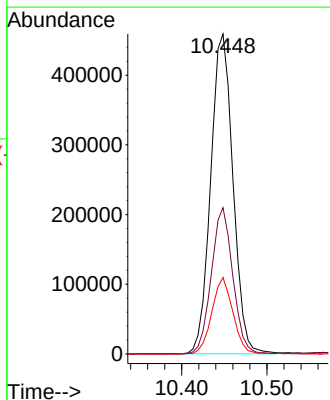
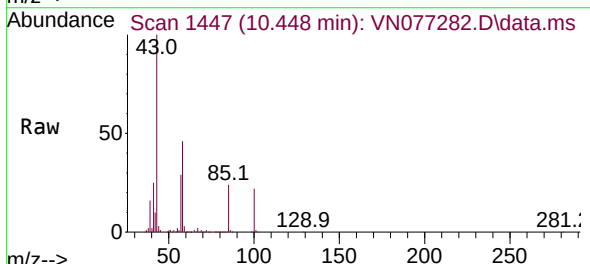
Manual Integrations
APPROVED

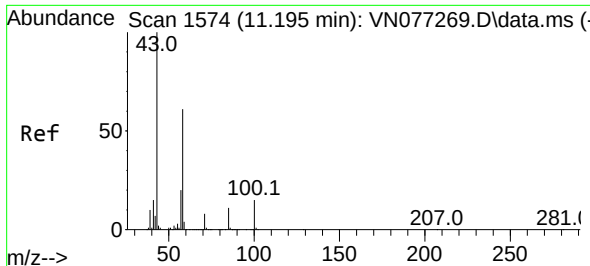
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#58
4-Methyl-2-Pentanone
Concen: 100.360 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

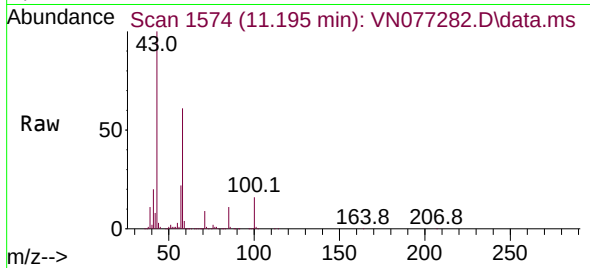
Tgt Ion: 43 Resp: 834213
Ion Ratio Lower Upper
43 100
58 44.2 34.7 52.1
85 22.6 17.8 26.8





#59
2-Hexanone
Concen: 94.835 ug/l
RT: 11.195 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

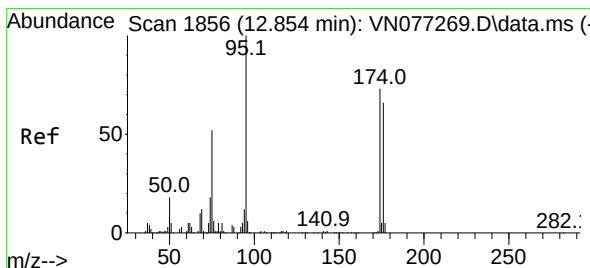
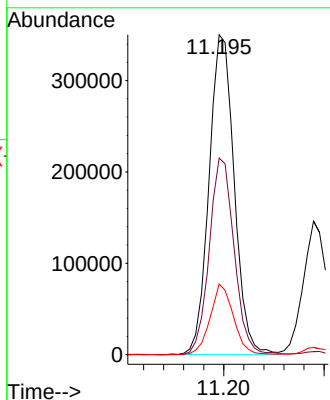
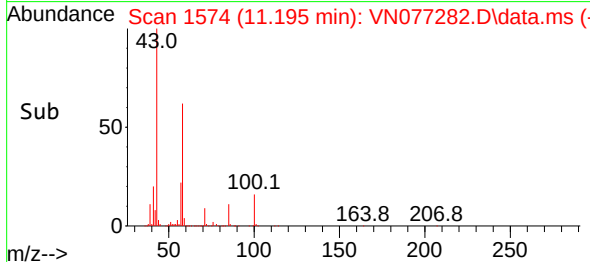
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 609320
Ion Ratio Lower Upper
43 100
58 60.9 48.6 73.0
57 20.5 16.7 25.1

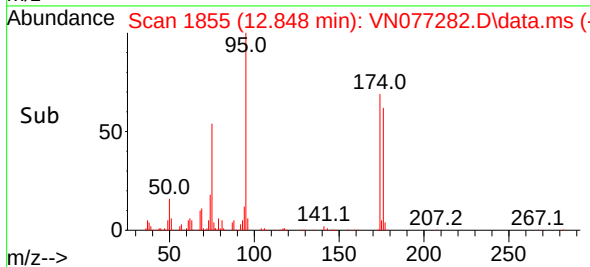
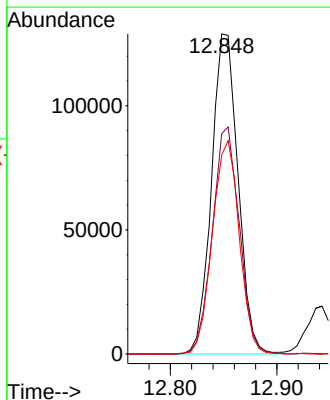
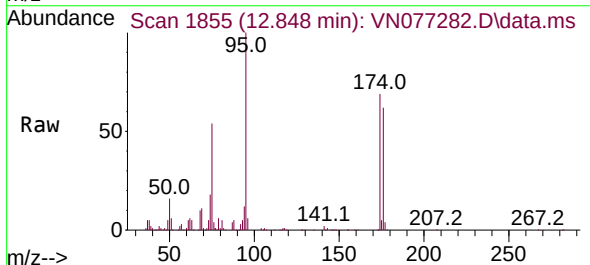
Manual Integrations
APPROVED

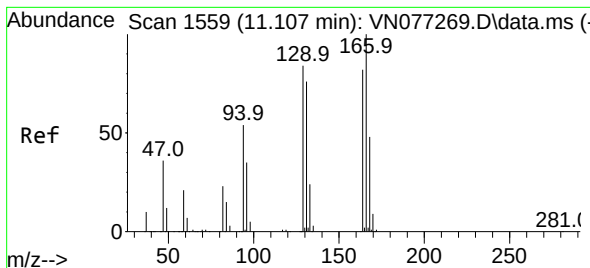
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#60
4-Bromofluorobenzene
Concen: 29.057 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

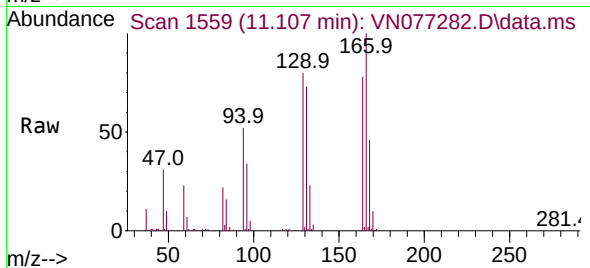
Tgt Ion: 95 Resp: 223057
Ion Ratio Lower Upper
95 100
174 71.9 57.8 86.8
176 67.5 54.6 81.8





#61
Tetrachloroethene
Concen: 19.104 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

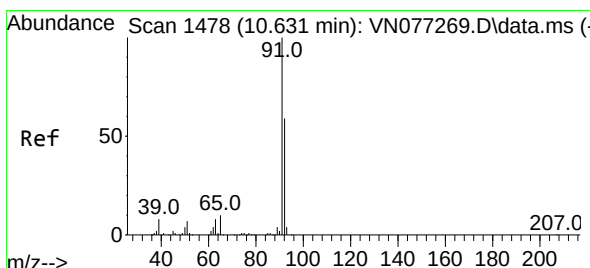
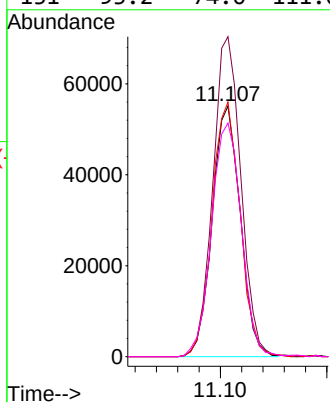
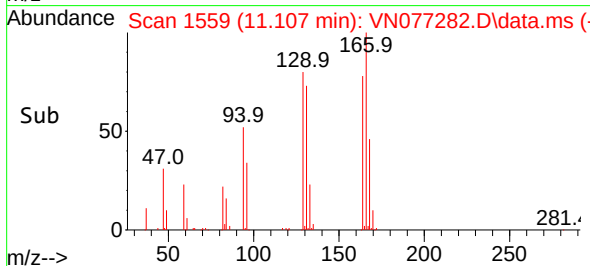
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



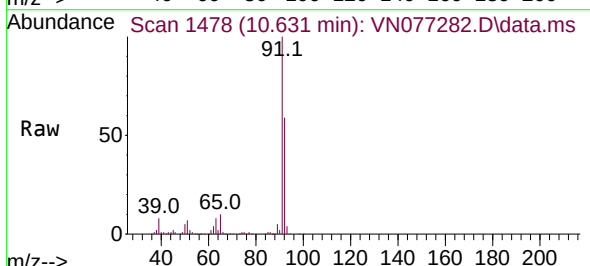
Tgt Ion:164 Resp: 100874
Ion Ratio Lower Upper
164 100
166 127.7 97.9 146.9
129 101.6 82.5 123.7
131 93.2 74.0 111.0

Manual Integrations
APPROVED

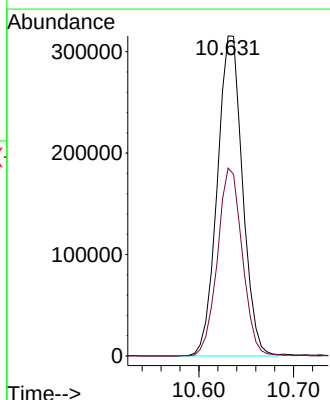
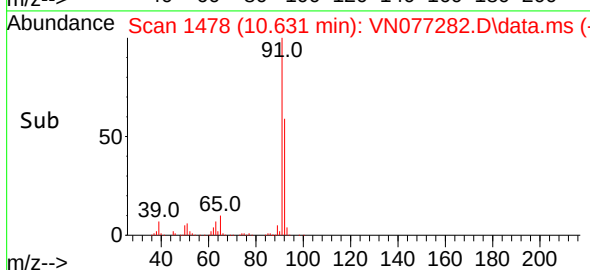
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

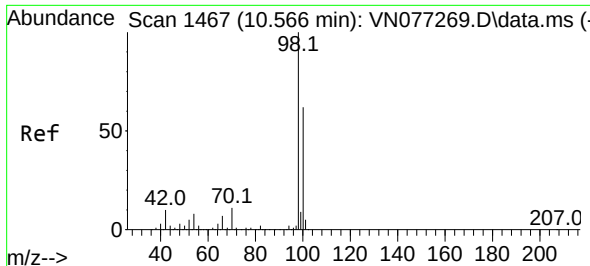


#62
Toluene
Concen: 18.883 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53



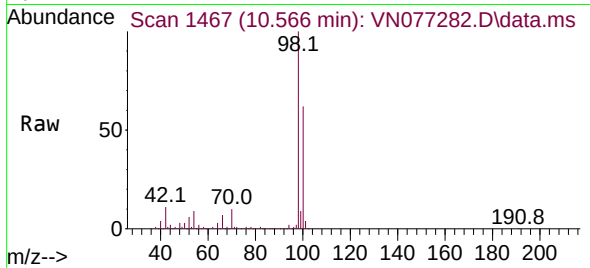
Tgt Ion: 91 Resp: 584923
Ion Ratio Lower Upper
91 100
92 57.8 46.6 70.0





#63
Toluene-d8
Concen: 29.732 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

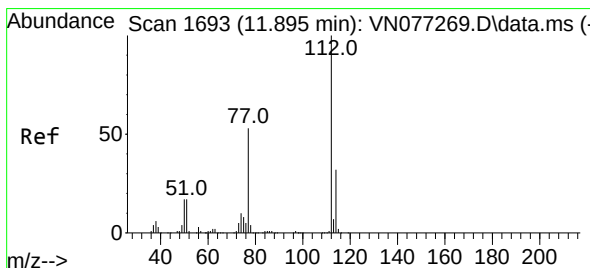
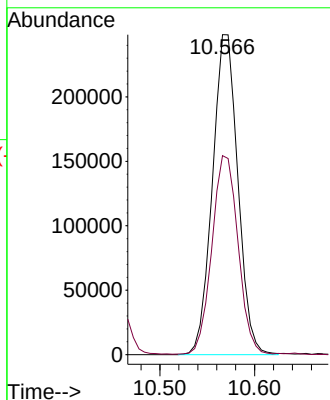
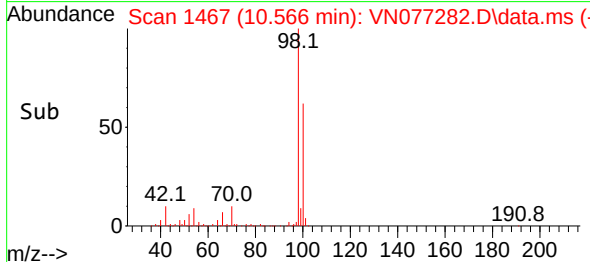
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 46402
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.2

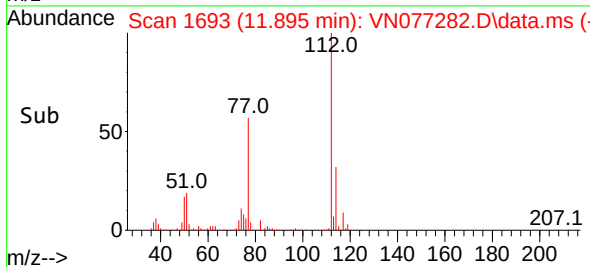
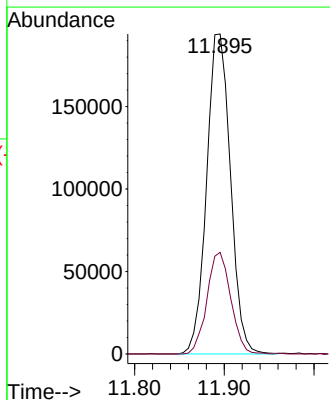
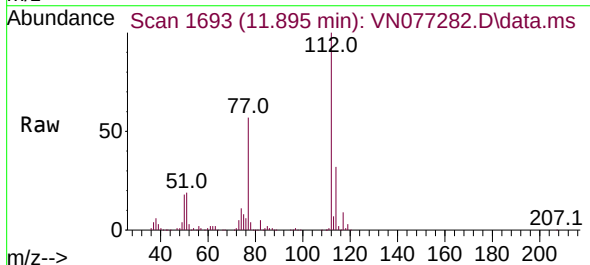
Manual Integrations
APPROVED

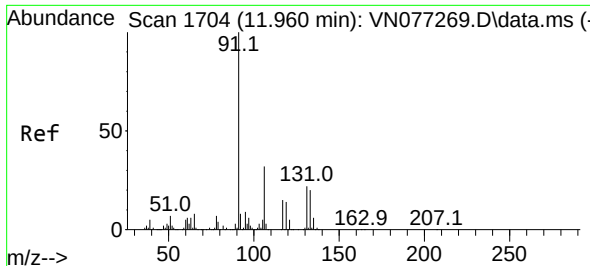
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#64
Chlorobenzene
Concen: 19.055 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

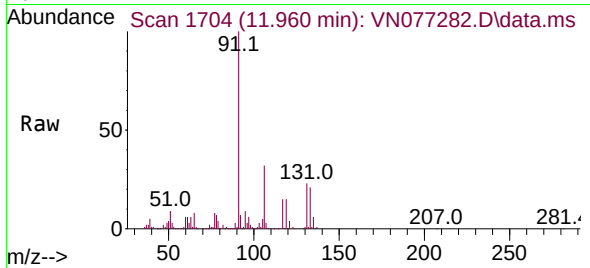
Tgt Ion:112 Resp: 358578
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.127 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

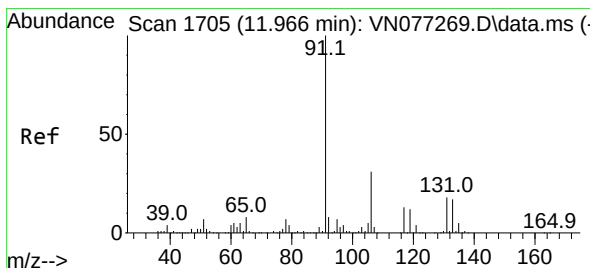
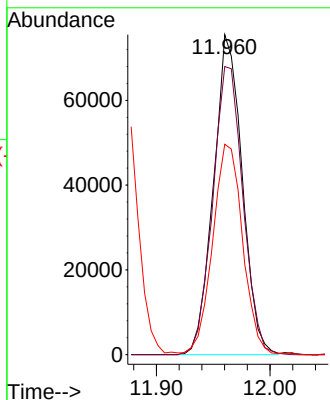
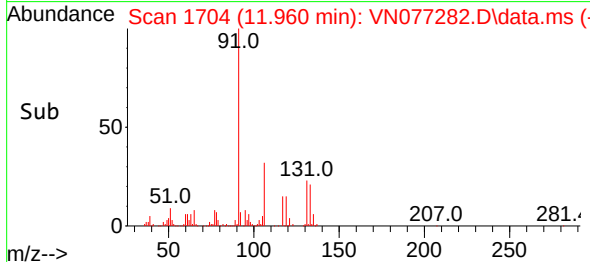
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 132362
Ion Ratio Lower Upper
131 100
133 94.9 0.0 184.4
119 68.8 0.0 134.8

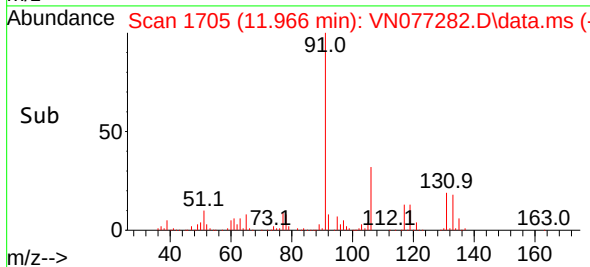
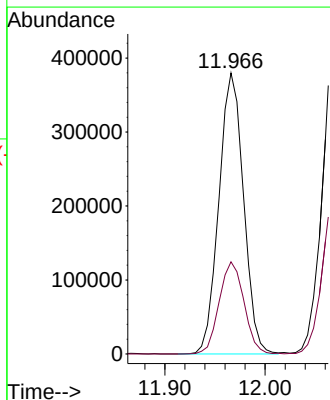
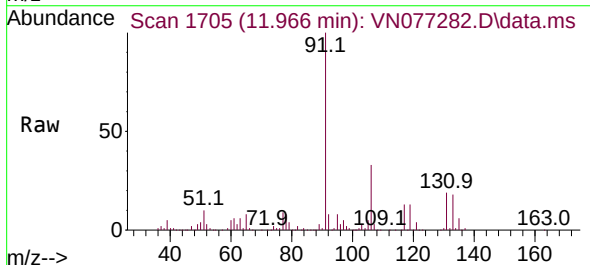
Manual Integrations
APPROVED

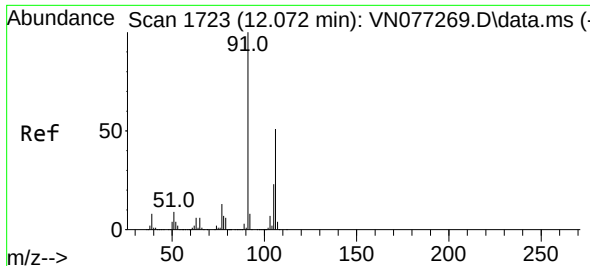
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#66
Ethyl Benzene
Concen: 18.916 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Tgt Ion: 91 Resp: 649128
Ion Ratio Lower Upper
91 100
106 32.8 25.0 37.6





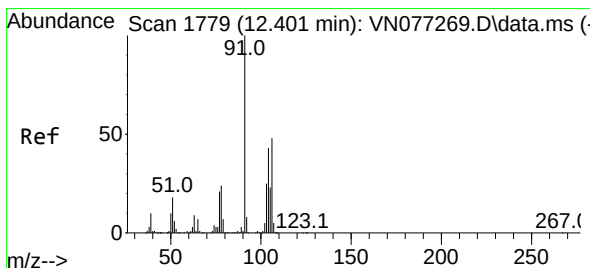
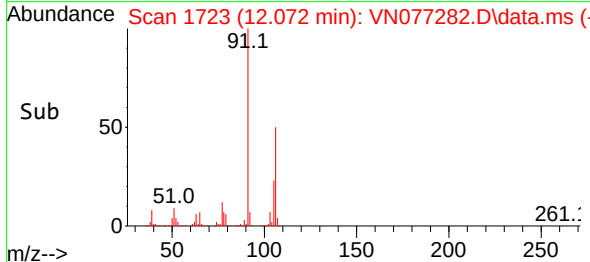
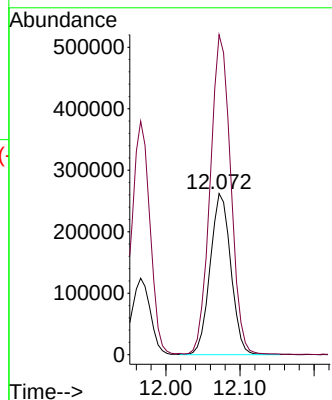
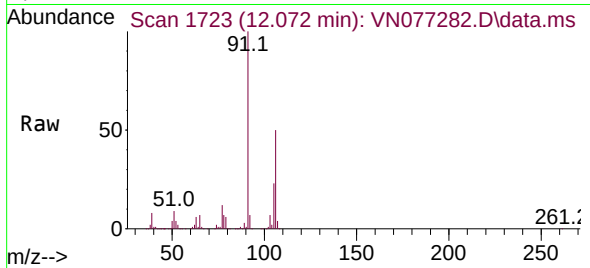
#67
m/p-Xylenes
Concen: 37.752 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 507802
Ion Ratio Lower Upper
106 100
91 196.3 158.0 237.0

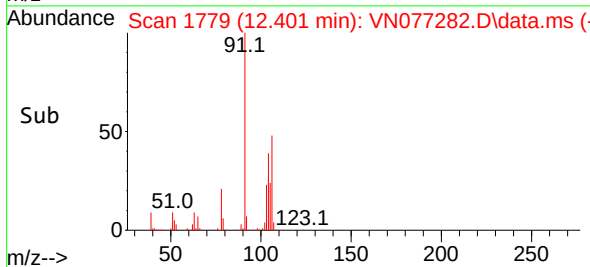
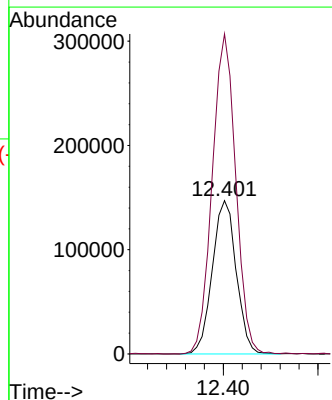
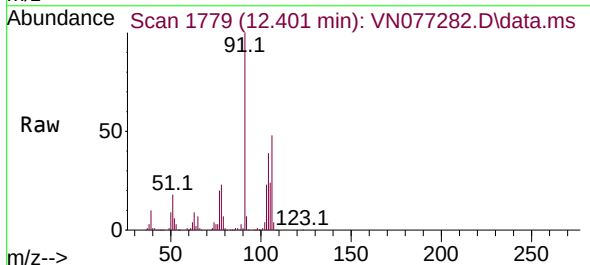
Manual Integrations
APPROVED

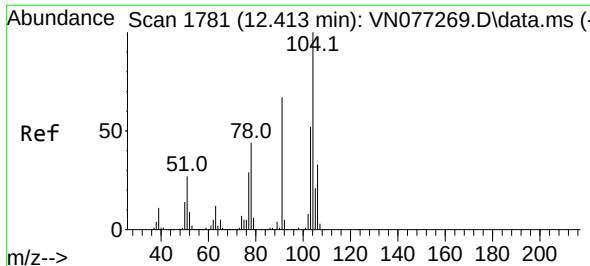
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#68
o-Xylene
Concen: 19.186 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Tgt Ion:106 Resp: 258183
Ion Ratio Lower Upper
106 100
91 205.3 103.6 310.8





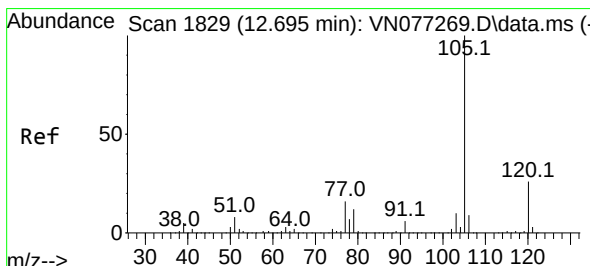
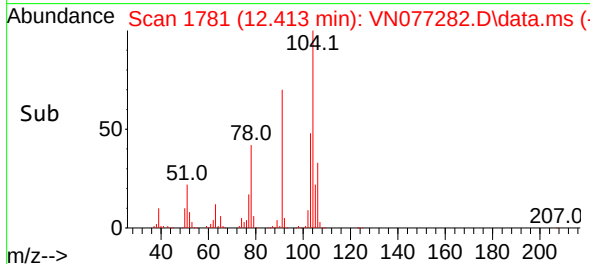
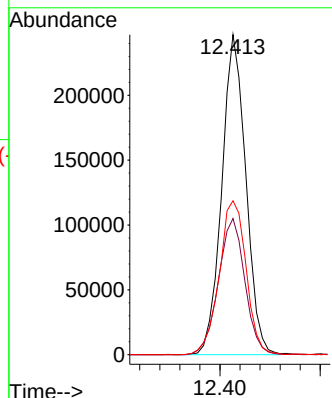
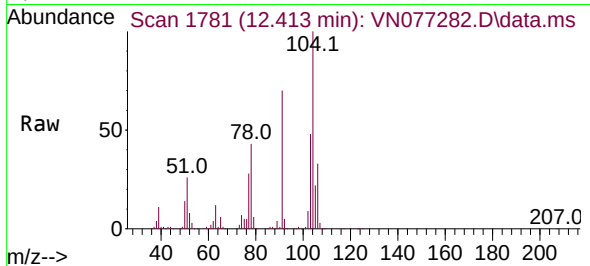
#69
Styrene
Concen: 19.032 ug/l
RT: 12.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 41031
Ion Ratio Lower Upper
104 100
78 46.9 38.2 57.4
103 53.8 43.6 65.4

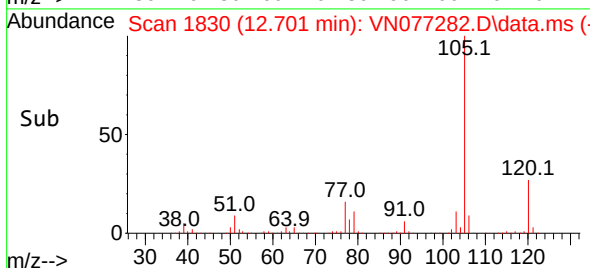
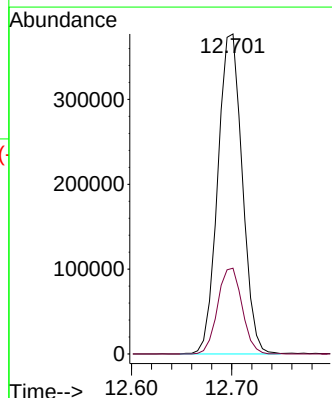
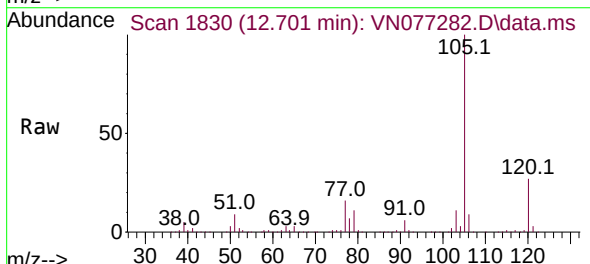
Manual Integrations
APPROVED

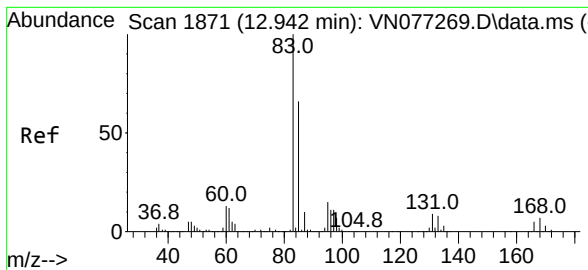
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#70
Isopropylbenzene
Concen: 18.732 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

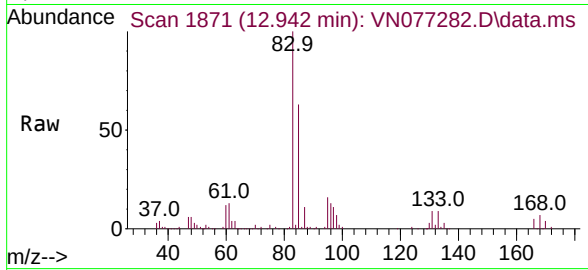
Tgt Ion:105 Resp: 639706
Ion Ratio Lower Upper
105 100
120 26.7 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.061 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

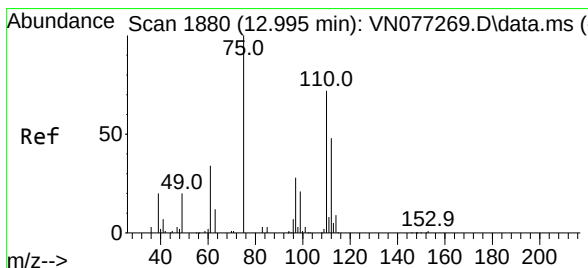
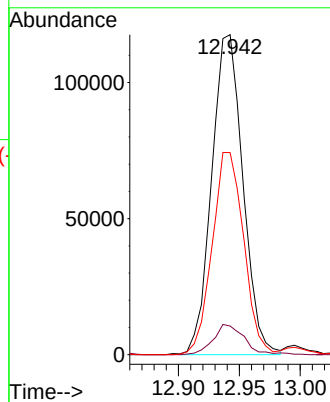
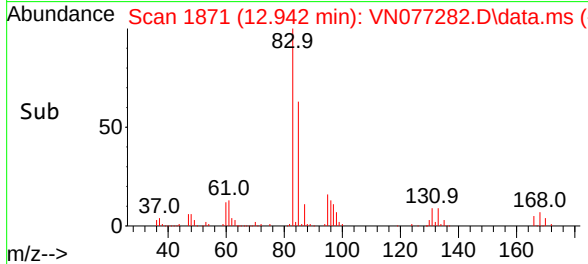
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



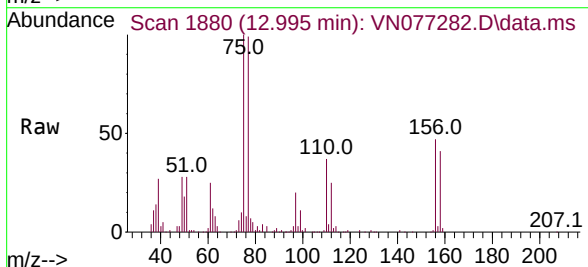
Tgt Ion: 83 Resp: 20980
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.0
85 63.7 32.3 96.8

Manual Integrations
APPROVED

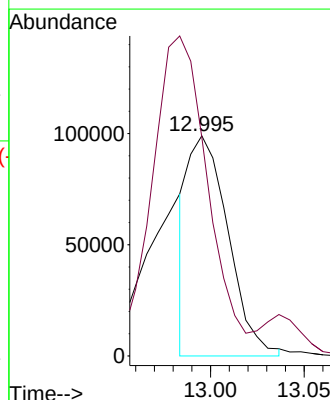
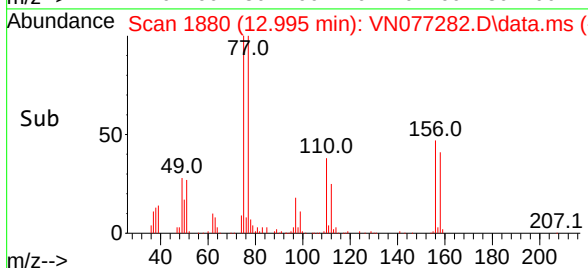
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

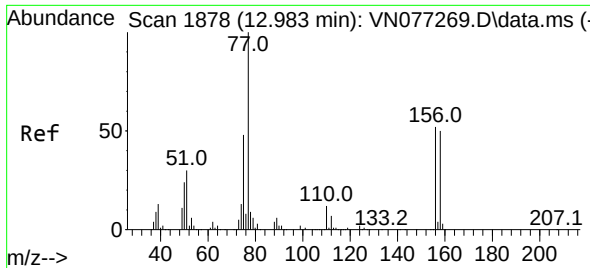


#72
1,2,3-Trichloropropane
Concen: 20.740 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53



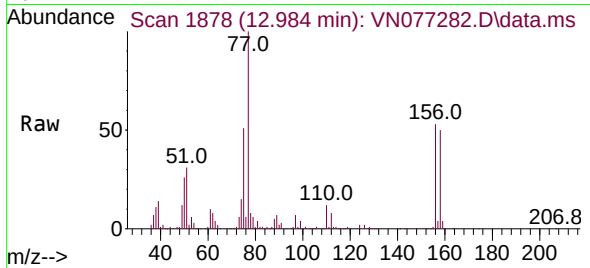
Tgt Ion: 75 Resp: 147444
Ion Ratio Lower Upper
75 100
77 201.5 0.0 434.2





#73
Bromobenzene
Concen: 19.137 ug/l
RT: 12.984 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

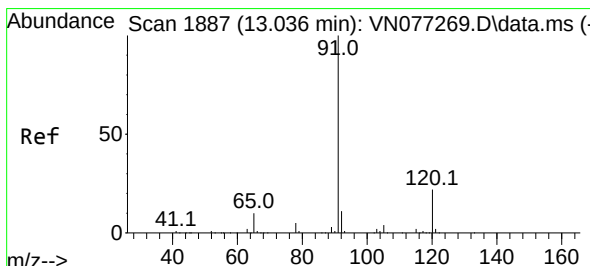
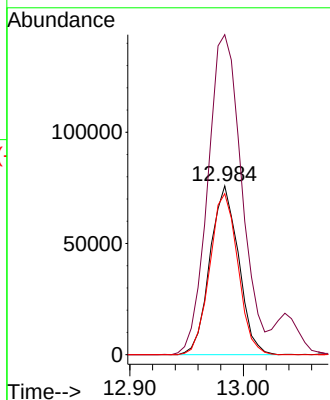
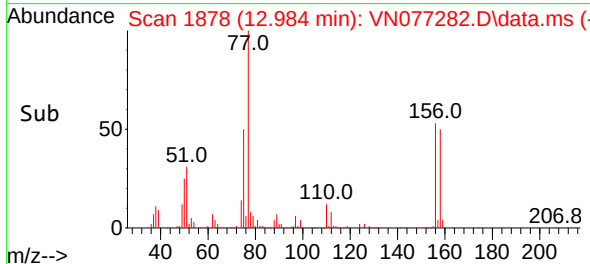
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:156 Resp: 132780
Ion Ratio Lower Upper
156 100
77 223.8 0.0 456.6
158 94.0 0.0 195.6

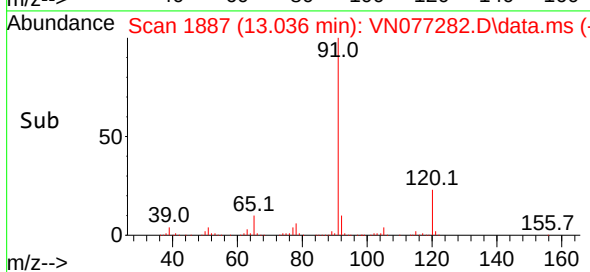
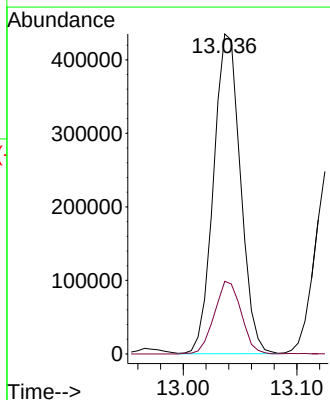
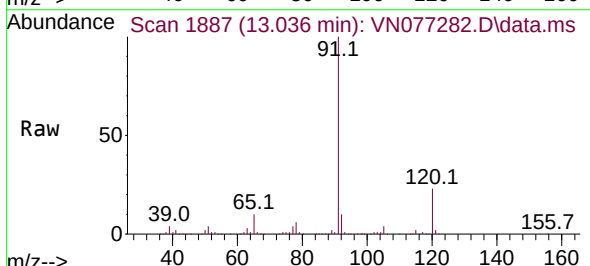
Manual Integrations
APPROVED

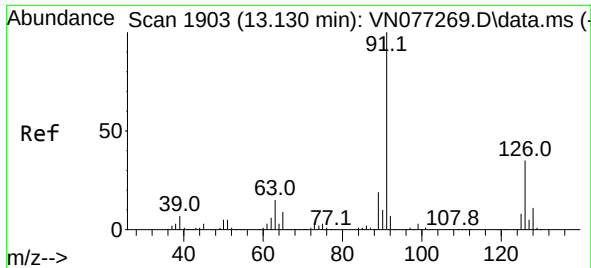
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#74
n-propylbenzene
Concen: 18.947 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Tgt Ion: 91 Resp: 715924
Ion Ratio Lower Upper
91 100
120 22.7 0.0 45.6





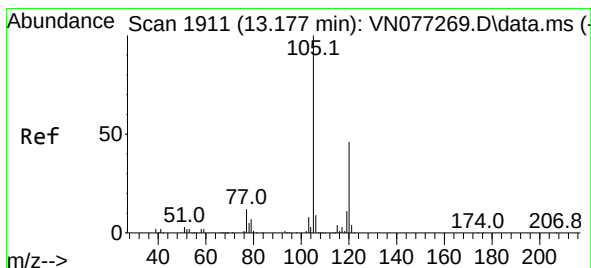
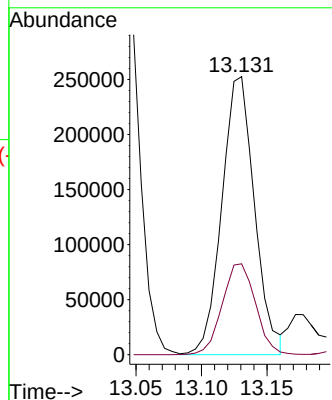
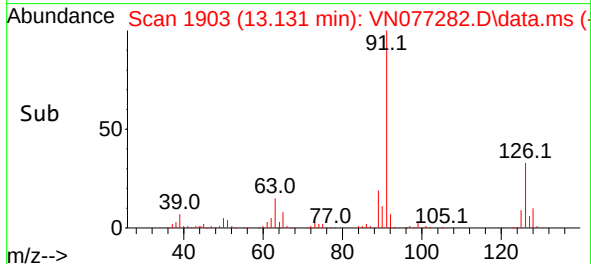
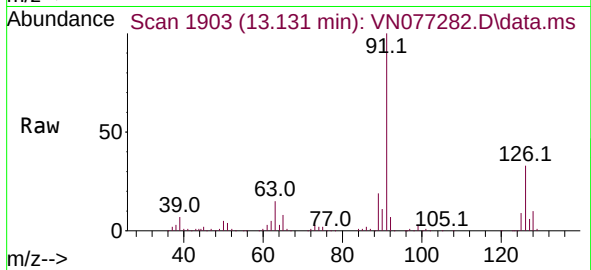
#75
2-Chlorotoluene
Concen: 19.366 ug/l
RT: 13.131 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 438360
Ion Ratio Lower Upper
91 100
126 33.4 0.0 67.0

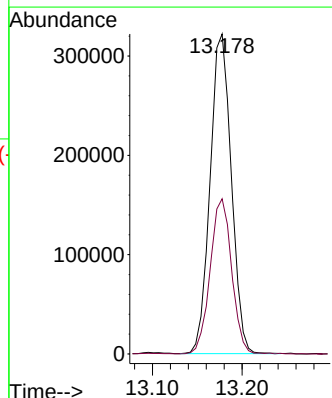
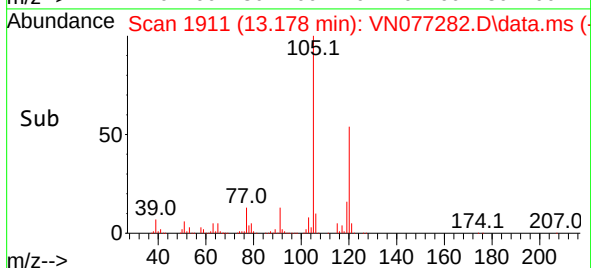
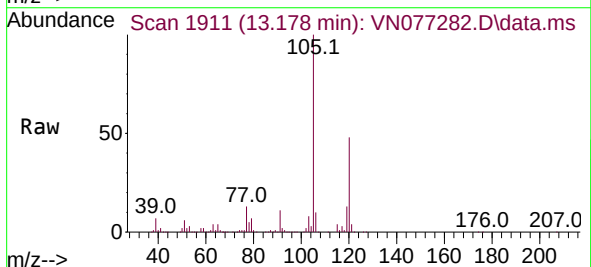
Manual Integrations
APPROVED

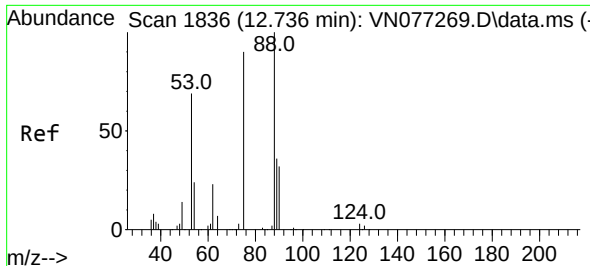
Reviewed By :John Carbone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.009 ug/l
RT: 13.178 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

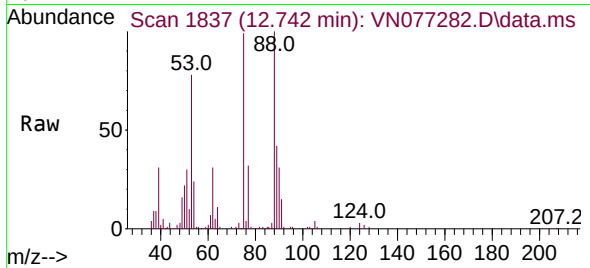
Tgt Ion:105 Resp: 528361
Ion Ratio Lower Upper
105 100
120 49.0 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 20.943 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

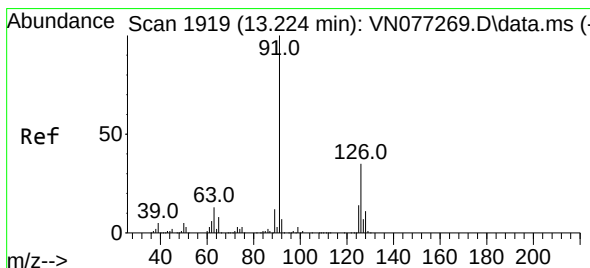
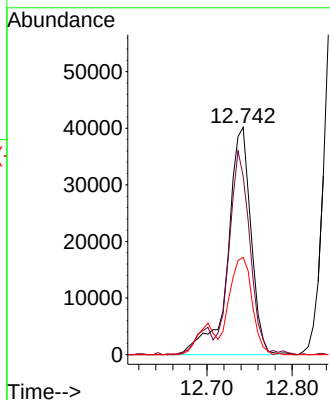
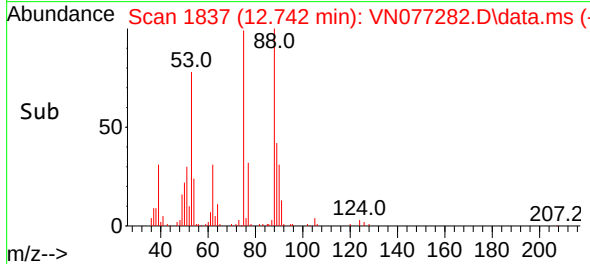
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 75836
Ion Ratio Lower Upper
75 100
53 78.0 38.8 116.4
89 42.8 23.2 69.6

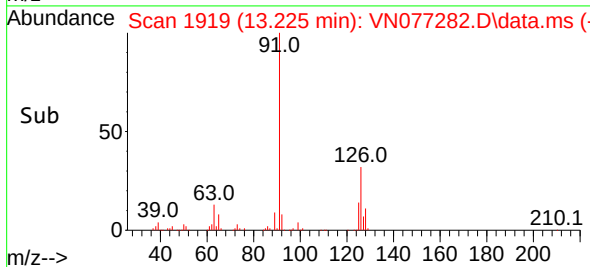
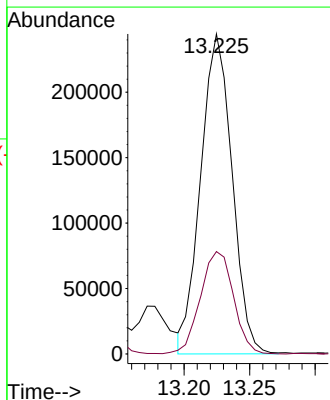
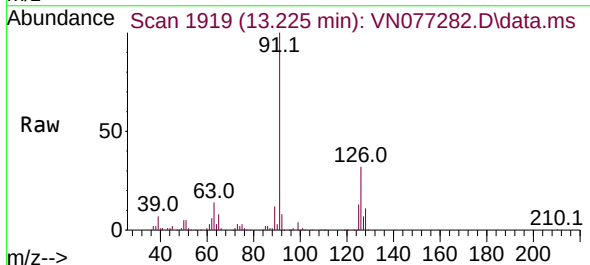
Manual Integrations
APPROVED

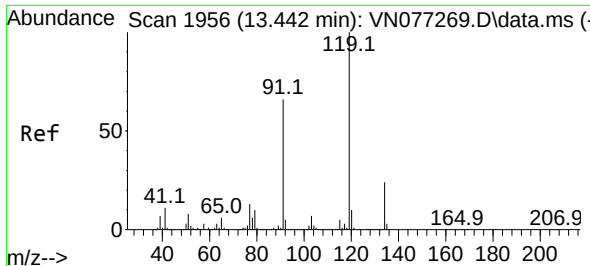
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#78
4-Chlorotoluene
Concen: 19.029 ug/l
RT: 13.225 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

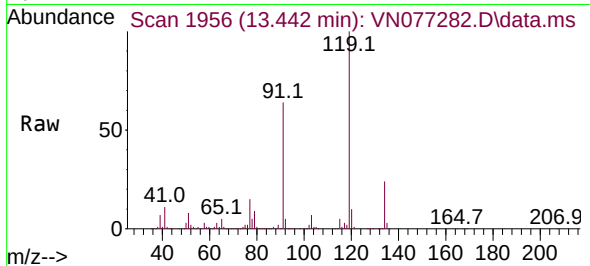
Tgt Ion: 91 Resp: 407007
Ion Ratio Lower Upper
91 100
126 33.7 0.0 67.4





#79
tert-butylbenzene
Concen: 19.305 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

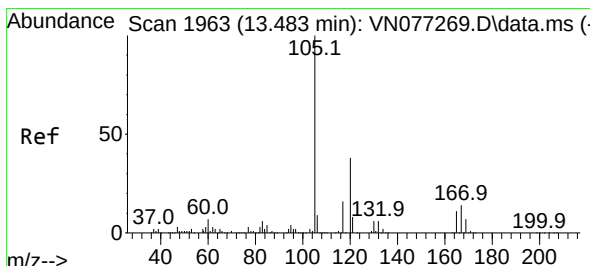
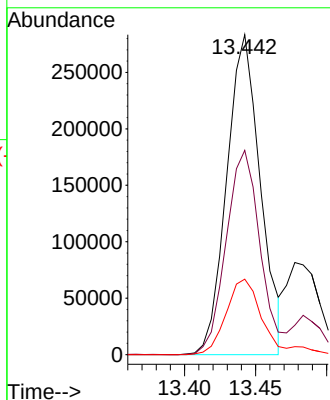
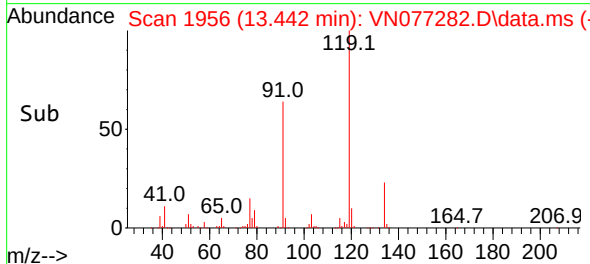
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



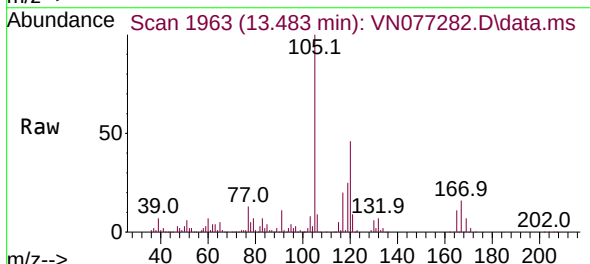
Tgt Ion:119 Resp: 466992
Ion Ratio Lower Upper
119 100
91 65.2 0.0 131.0
134 24.4 0.0 49.8

Manual Integrations
APPROVED

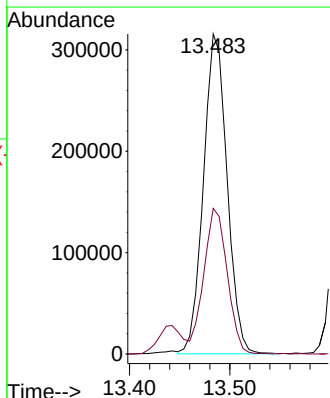
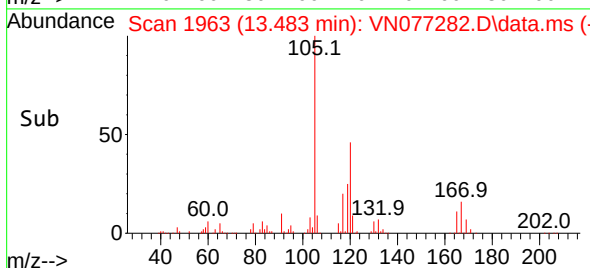
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

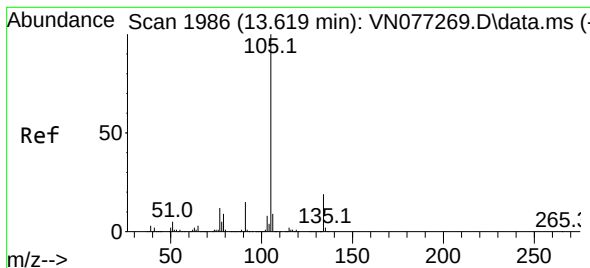


#80
1,2,4-Trimethylbenzene
Concen: 19.095 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53



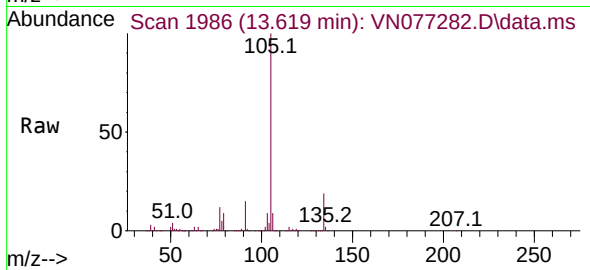
Tgt Ion:105 Resp: 517390
Ion Ratio Lower Upper
105 100
120 45.0 0.0 91.0





#81
 sec-Butylbenzene
 Concen: 18.748 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077282.D
 Acq: 07 Apr 2023 17:53

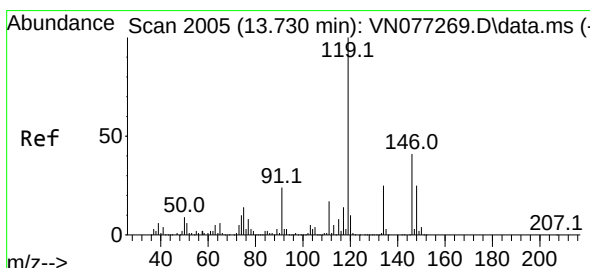
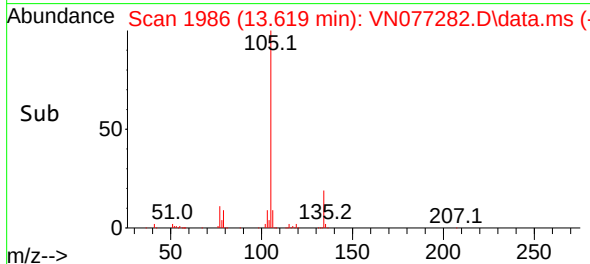
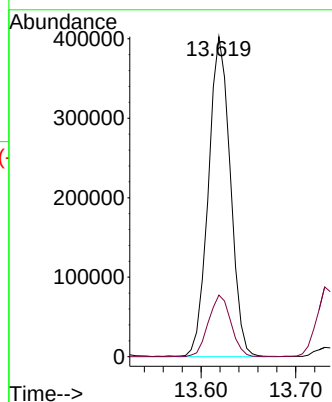
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:105 Resp: 647725
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.6

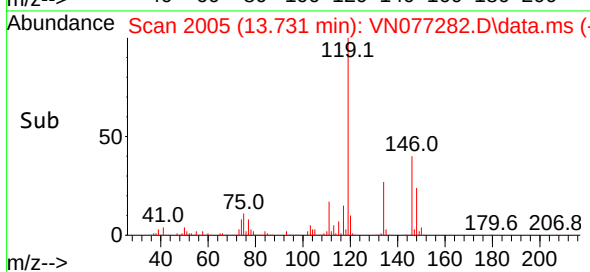
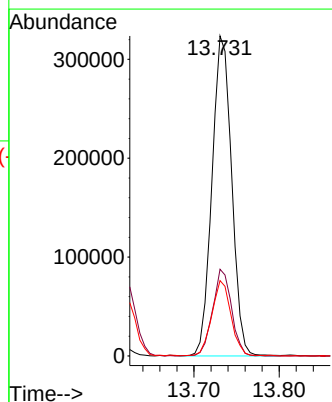
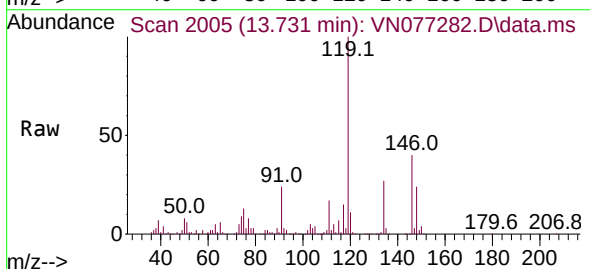
Manual Integrations
 APPROVED

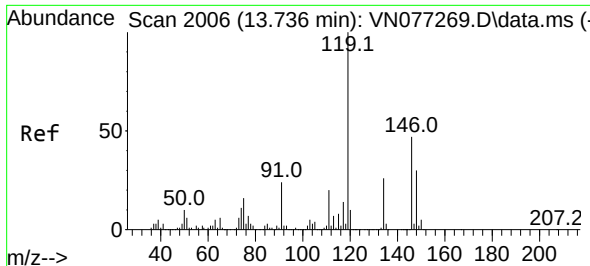
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#82
 p-Isopropyltoluene
 Concen: 18.775 ug/l
 RT: 13.731 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077282.D
 Acq: 07 Apr 2023 17:53

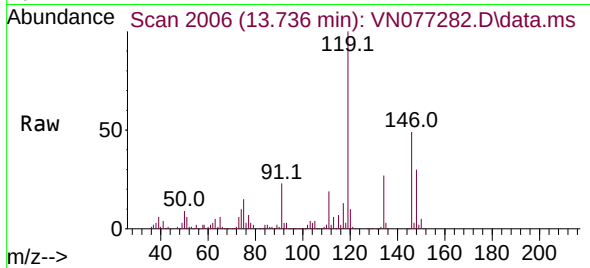
Tgt Ion:119 Resp: 519672
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.0
 91 22.9 0.0 48.0





#83
1,3-Dichlorobenzene
Concen: 18.502 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

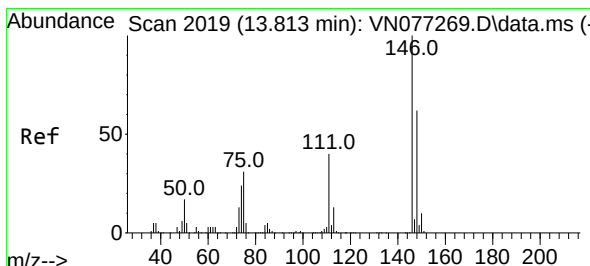
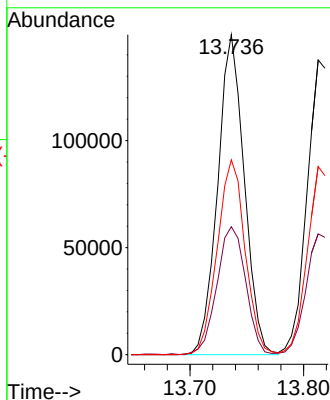
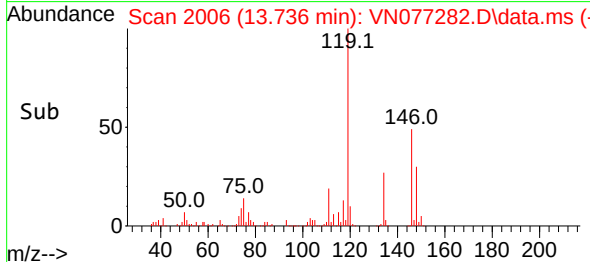
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



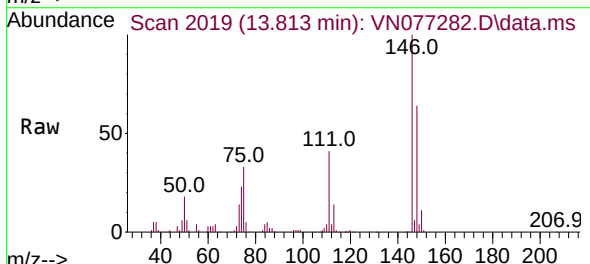
Tgt Ion:146 Resp: 243398
Ion Ratio Lower Upper
146 100
111 43.2 21.4 64.2
148 63.7 31.9 95.5

Manual Integrations
APPROVED

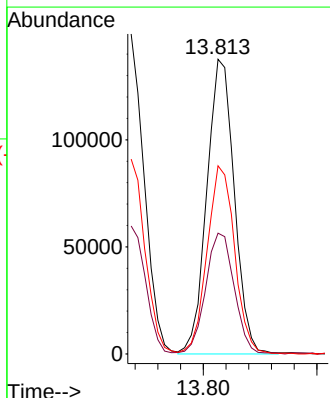
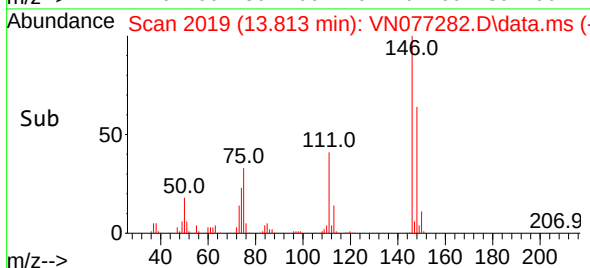
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

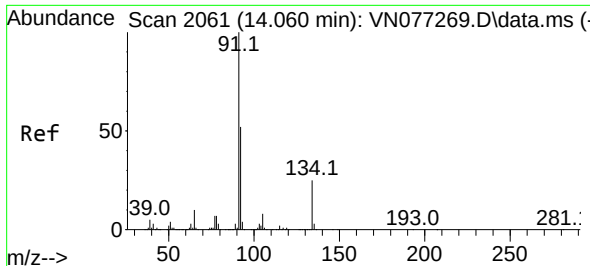


#84
1,4-Dichlorobenzene
Concen: 18.136 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53



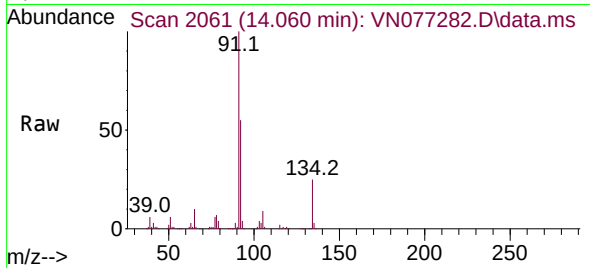
Tgt Ion:146 Resp: 231475
Ion Ratio Lower Upper
146 100
111 42.6 20.3 61.0
148 64.0 31.6 94.7





#85
n-Butylbenzene
Concen: 17.836 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

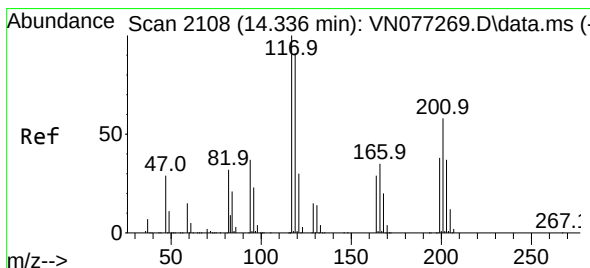
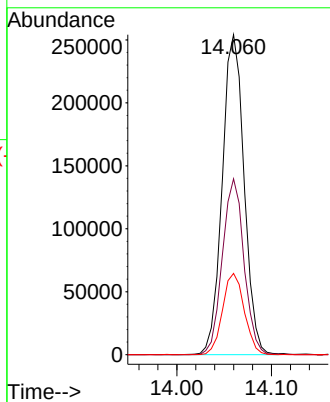
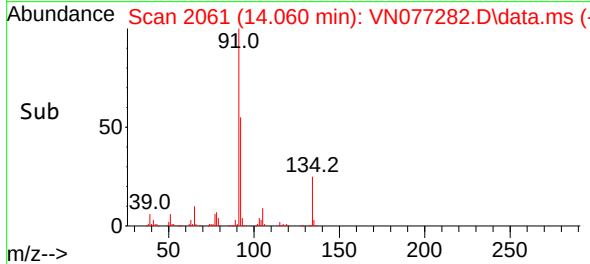
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 407954
Ion Ratio Lower Upper
91 100
92 54.2 0.0 105.6
134 25.2 0.0 49.4

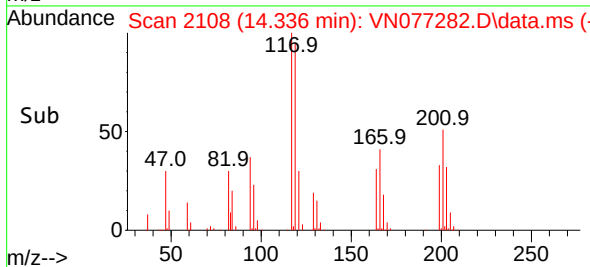
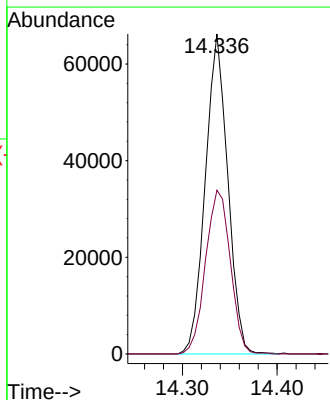
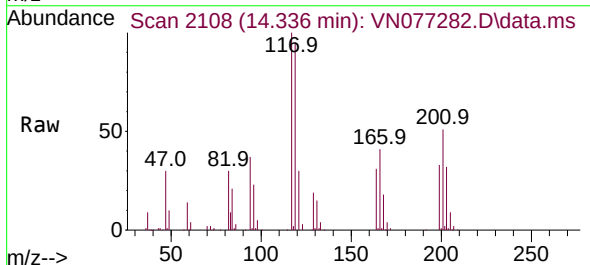
Manual Integrations
APPROVED

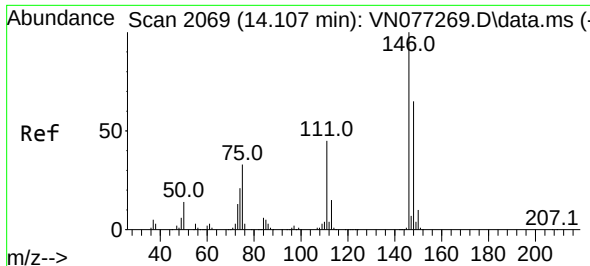
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#86
Hexachloroethane
Concen: 18.572 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

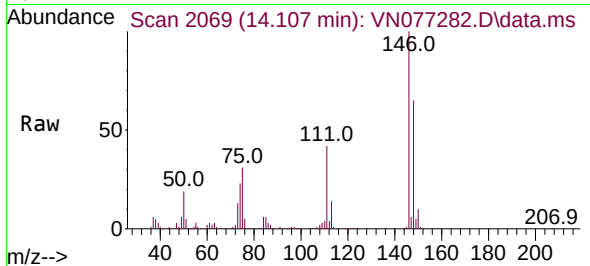
Tgt Ion:117 Resp: 109352
Ion Ratio Lower Upper
117 100
201 56.2 29.1 87.4





#87
1,2-Dichlorobenzene
Concen: 19.102 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

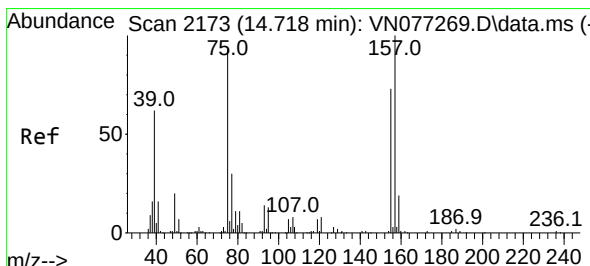
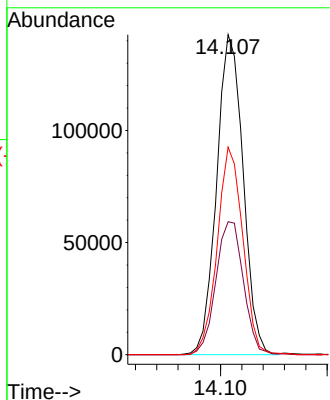
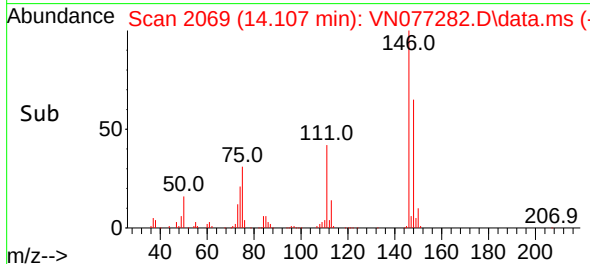
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



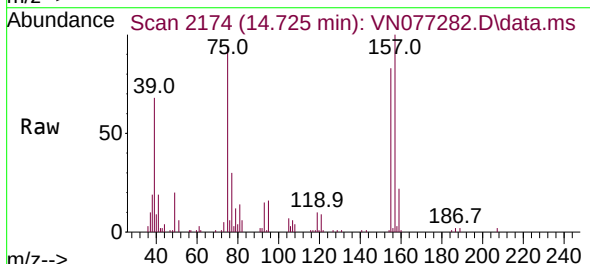
Tgt Ion:146 Resp: 24623
Ion Ratio Lower Upper
146 100
111 43.2 22.1 66.5
148 62.8 31.9 95.7

Manual Integrations
APPROVED

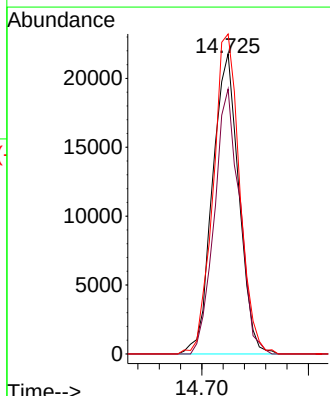
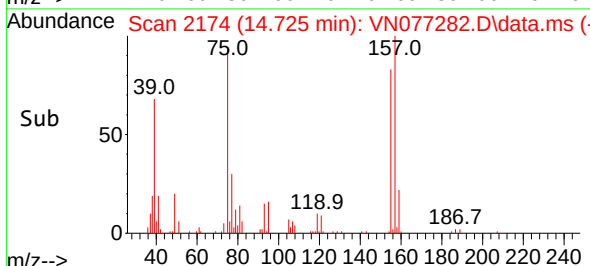
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

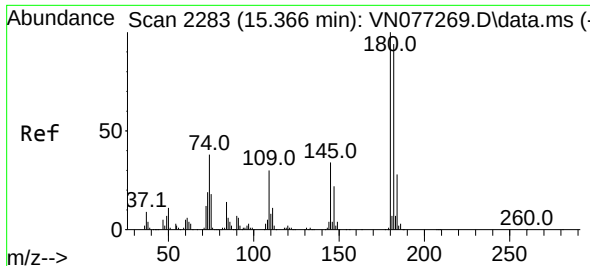


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.651 ug/l
RT: 14.725 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53



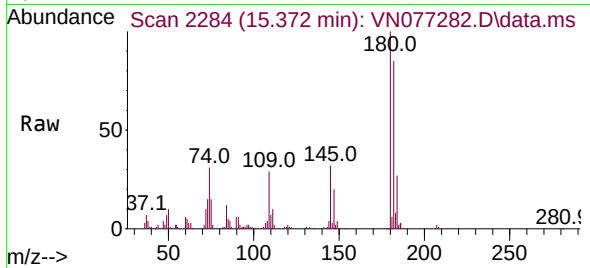
Tgt Ion: 75 Resp: 37377
Ion Ratio Lower Upper
75 100
155 84.5 67.8 101.6
157 107.2 86.3 129.5





#89
1,2,4-Trichlorobenzene
Concen: 17.547 ug/l
RT: 15.372 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

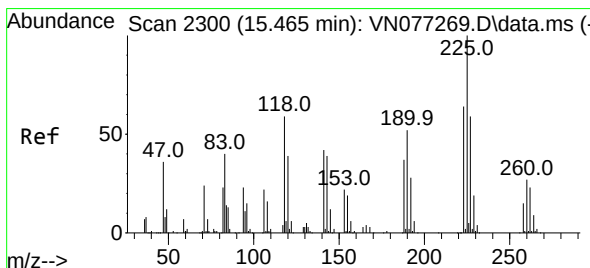
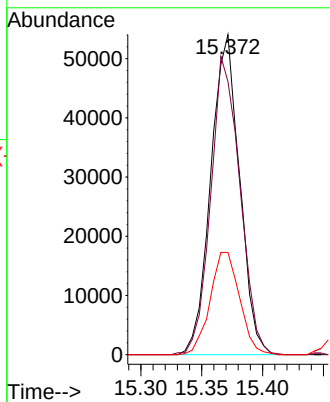
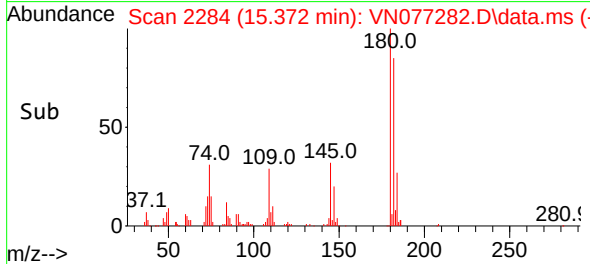
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



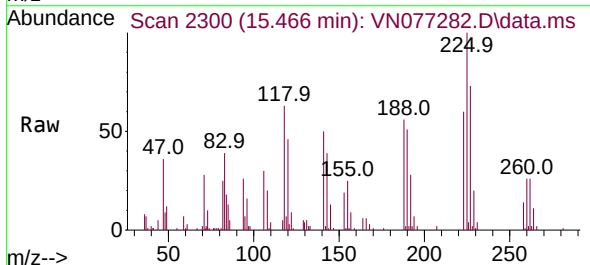
Tgt Ion:180 Resp: 88972
Ion Ratio Lower Upper
180 100
182 94.3 75.6 113.4
145 32.8 26.7 40.1

Manual Integrations
APPROVED

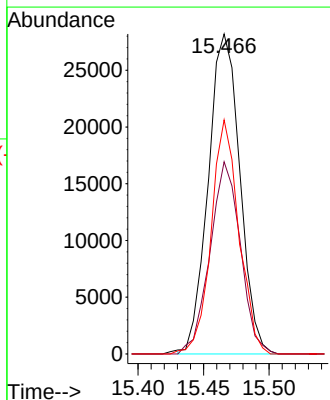
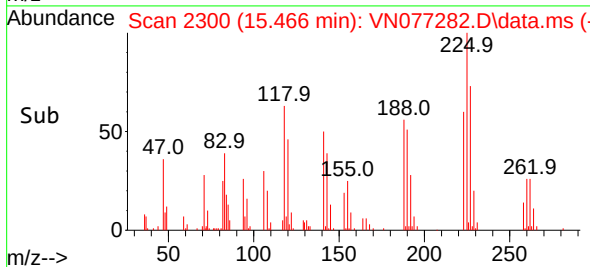
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

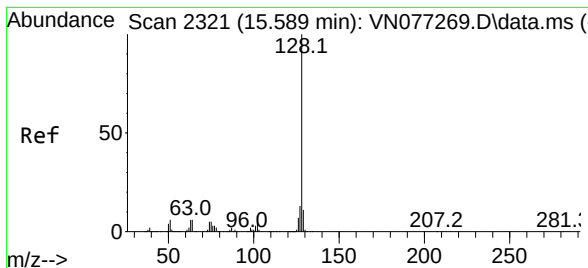


#90
Hexachlorobutadiene
Concen: 18.170 ug/l
RT: 15.466 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53



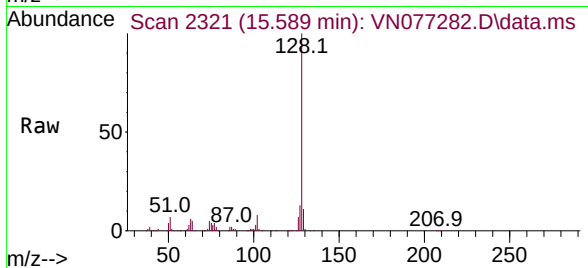
Tgt Ion:225 Resp: 47249
Ion Ratio Lower Upper
225 100
223 57.8 0.0 126.0
227 64.3 0.0 127.2





#91
Naphthalene
Concen: 18.731 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53

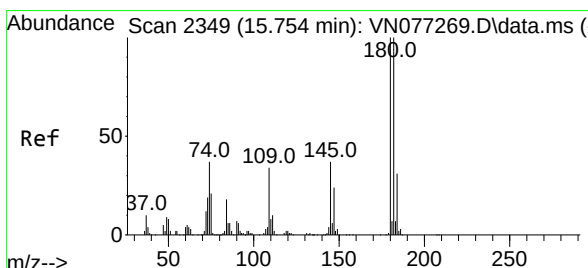
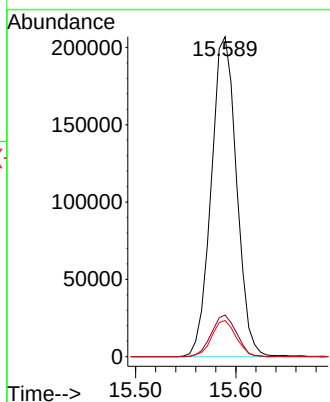
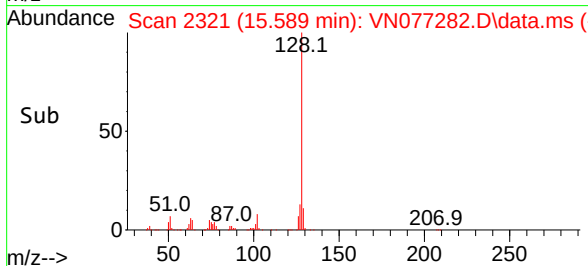
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



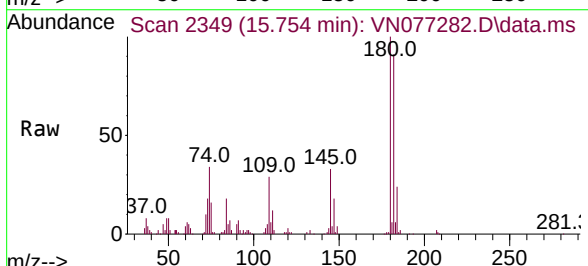
Tgt Ion:128 Resp: 362824
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#92
1,2,3-Trichlorobenzene
Concen: 17.464 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. 0.000 min
Lab File: VN077282.D
Acq: 07 Apr 2023 17:53



Tgt Ion:180 Resp: 86402
Ion Ratio Lower Upper
180 100
182 94.3 0.0 190.4
145 34.9 0.0 72.4

