

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077275.D
 Acq On : 07 Apr 2023 13:13
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.1mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN040723

Manual Integrations
 APPROVED

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

Quant Time: Apr 07 13:30:26 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	7.825	128	53642	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	420066	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	465213	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	142351	31.290	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.300%			
60) 4-Bromofluorobenzene	12.854	95	239953	29.829	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.433%			
63) Toluene-d8	10.566	98	491199	30.035	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	96145	18.853	ug/l	98
3) Chloromethane	2.372	50	131519	19.412	ug/l	99
4) Vinyl Chloride	2.525	62	191866	19.771	ug/l	99
5) Bromomethane	2.948	94	139417	19.066	ug/l	87
6) Chloroethane	3.119	64	134844	20.731	ug/l	96
7) Trichlorofluoromethane	3.501	101	173116	19.159	ug/l	94
8) Diethyl Ether	3.972	74	76969	19.985	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	113308	20.054	ug/l	74
10) 1,1-Dichloroethene	4.348	96	107358	18.993	ug/l	91
11) Methyl Iodide	4.601	142	119394	18.697	ug/l	98
12) Methyl Acetate	5.031	43	158181	18.784	ug/l	91
13) Acrolein	4.184	56	101591	97.188	ug/l	96
14) Acrylonitrile	5.731	53	269483	93.617	ug/l	96
15) Acetone	4.437	58	95694	91.634	ug/l	97
16) Carbon Disulfide	4.719	76	289566	19.409	ug/l	99
17) Allyl chloride	5.031	41	137332	18.874	ug/l	88
18) Methylene Chloride	5.289	84	127153	19.371	ug/l	96
19) trans-1,2-Dichloroethene	5.795	96	118155	19.224	ug/l	94
20) Diisopropyl ether	6.678	45	327893	18.907	ug/l	99
21) 1,1-Dichloroethane	6.578	63	216259	19.674	ug/l	98
22) cis-1,2-Dichloroethene	7.495	96	147038	19.625	ug/l	99
23) tert-Butyl Alcohol	5.525	59	119834	93.623	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	392323	19.279	ug/l #	81
25) Chloroform	7.972	83	231686	19.449	ug/l	90
26) Cyclohexane	8.260	56	185590	19.431	ug/l #	99
29) 1,1-Dichloropropene	8.372	75	175964	19.337	ug/l	98
30) 2-Butanone	7.483	43	386815	89.890	ug/l	100
31) 2,2-Dichloropropane	7.495	77	210346	18.830	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	206660	18.454	ug/l	99
33) Carbon Tetrachloride	8.366	117	176814	18.499	ug/l	96
34) Benzene	8.613	78	539230	19.151	ug/l	99
35) Methacrylonitrile	7.789	41	79755	19.675	ug/l	95
36) 1,2-Dichloroethane	8.672	62	171644	19.444	ug/l	100
37) Trichloroethene	9.354	130	130774	18.989	ug/l	96
38) Methylcyclohexane	9.607	83	232756	18.859	ug/l	99
39) 1,2-Dichloropropane	9.624	63	132817	19.002	ug/l	98
40) Dibromomethane	9.713	93	94105	18.686	ug/l	99
41) Bromodichloromethane	9.889	83	189494	18.870	ug/l	97
42) Vinyl Acetate	6.613	43	1139805	91.520	ug/l #	100

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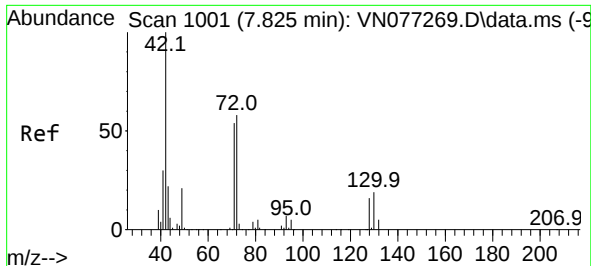
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Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	143944	18.080	ug/l	98
44) Isopropyl Acetate	8.689	43	267228	18.747	ug/l #	100
45) 1,4-Dioxane	9.695	88	56153	373.518	ug/l	98
46) Methyl methacrylate	9.683	41	114119	18.594	ug/l	98
47) n-amyl Acetate	12.495	43	238766	19.167	ug/l	100
48) t-1,3-Dichloropropene	10.836	75	206970	18.416	ug/l	97
49) cis-1,3-Dichloropropene	10.313	75	225433	18.855	ug/l	99
50) 1,1,2-Trichloroethane	11.019	97	137093	18.741	ug/l	97
51) Ethyl methacrylate	10.877	69	215281	19.164	ug/l	97
52) 1,3-Dichloropropane	11.166	76	225366	18.459	ug/l	99
53) Dibromochloromethane	11.360	129	142703	18.509	ug/l	96
54) 1,2-Dibromoethane	11.471	107	138436	18.852	ug/l	100
55) 2-Chloroethyl vinyl ether	10.160	63	294104	84.798	ug/l	99
56) Bromoform	12.583	173	93256	18.007	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	819425	94.074	ug/l	99
59) 2-Hexanone	11.195	43	618208	91.820	ug/l	99
61) Tetrachloroethene	11.107	164	103634	18.729	ug/l	94
62) Toluene	10.636	91	614861	18.943	ug/l	98
64) Chlorobenzene	11.895	112	370830	18.805	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.966	131	135787	18.725	ug/l	98
66) Ethyl Benzene	11.966	91	675328	18.780	ug/l	99
67) m/p-Xylenes	12.071	106	523562	37.144	ug/l	98
68) o-Xylene	12.401	106	268582	19.047	ug/l	99
69) Styrene	12.413	104	425159	18.819	ug/l	100
70) Isopropylbenzene	12.701	105	684456	19.126	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.942	83	205912	18.789	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	154268m	20.708	ug/l	
73) Bromobenzene	12.983	156	142590	19.611	ug/l	93
74) n-propylbenzene	13.036	91	763745	19.289	ug/l	100
75) 2-Chlorotoluene	13.124	91	451417	19.031	ug/l	97
76) 1,3,5-Trimethylbenzene	13.177	105	556894	19.119	ug/l	98
77) t-1,4-Dichloro-2-butene	12.742	75	69345	18.275	ug/l	94
78) 4-Chlorotoluene	13.224	91	435461	19.429	ug/l	98
79) tert-butylbenzene	13.442	119	484197	19.101	ug/l	98
80) 1,2,4-Trimethylbenzene	13.483	105	542148	19.094	ug/l	99
81) sec-Butylbenzene	13.618	105	689800	19.053	ug/l	99
82) p-Isopropyltoluene	13.730	119	550867	18.992	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	258096	18.722	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	251749	18.823	ug/l	100
85) n-Butylbenzene	14.059	91	452054	18.861	ug/l	100
86) Hexachloroethane	14.336	117	110857	17.967	ug/l	99
87) 1,2-Dichlorobenzene	14.107	146	256016	18.953	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	36725	17.488	ug/l	98
89) 1,2,4-Trichlorobenzene	15.371	180	91904	17.297	ug/l	100
90) Hexachlorobutadiene	15.465	225	51308	18.829	ug/l	97
91) Naphthalene	15.589	128	340185	16.759	ug/l	99
92) 1,2,3-Trichlorobenzene	15.759	180	86211	16.629	ug/l	98

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



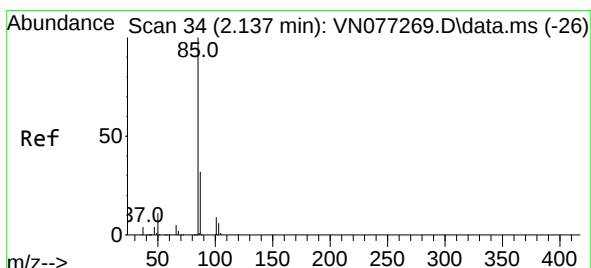
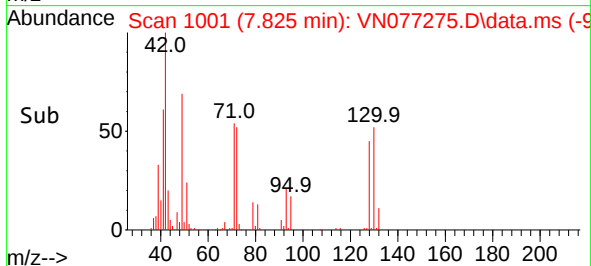
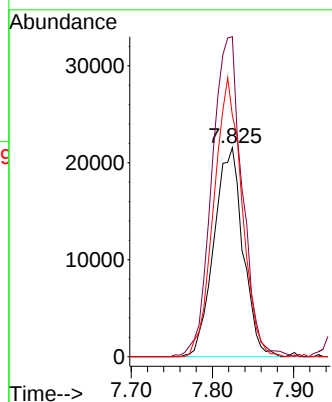
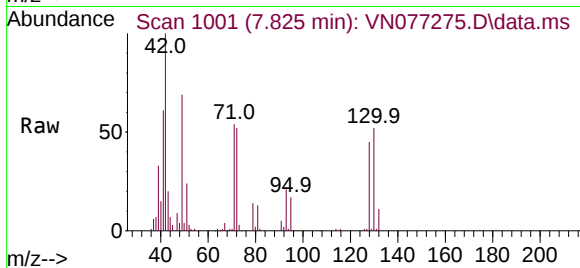
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

Instrument :
MSVOA_N
Client Sample Id :
ICVVN040723

Tgt Ion: 128 Resp: 5364
Ion Ratio Lower Upper
128 100
49 159.2 0.0 379.5
130 129.0 0.0 322.8

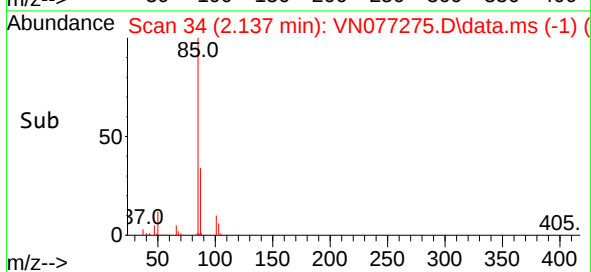
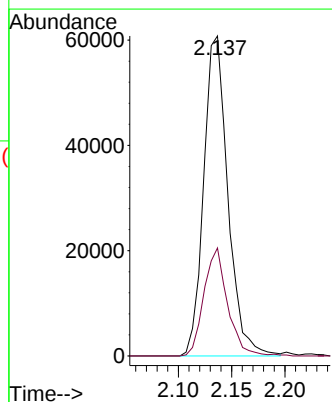
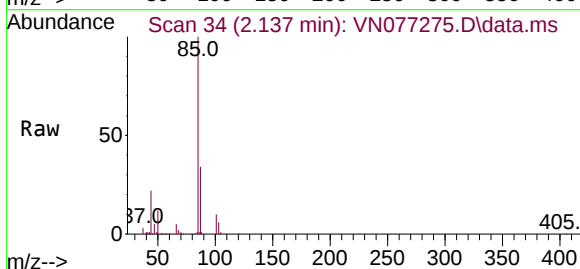
Manual Integrations
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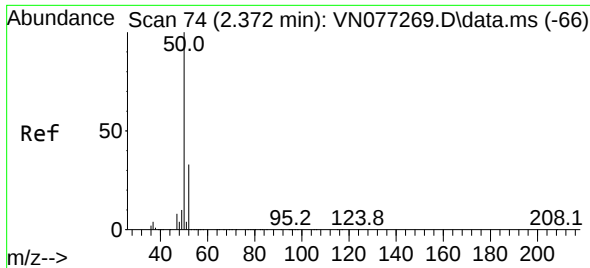
Reviewed By : John Carlone 04/10/2023
Supervised By : Semsettin Yesilyurt 04/10/2023



#2
Dichlorodifluoromethane
Concen: 18.853 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

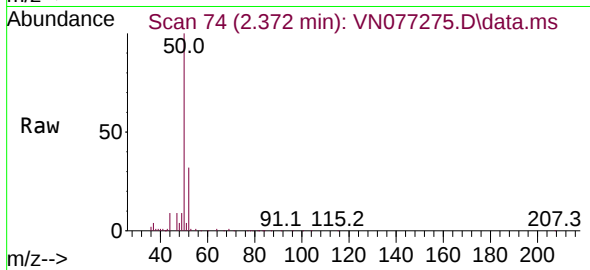
Tgt Ion: 85 Resp: 96145
Ion Ratio Lower Upper
85 100
87 33.7 16.2 48.6





#3
Chloromethane
Concen: 19.412 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

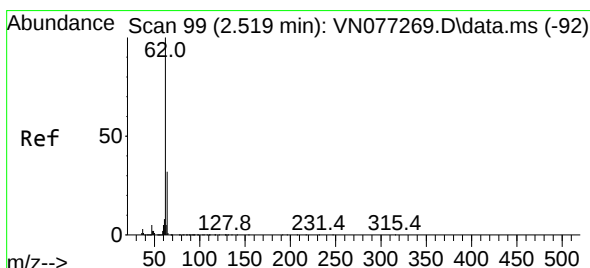
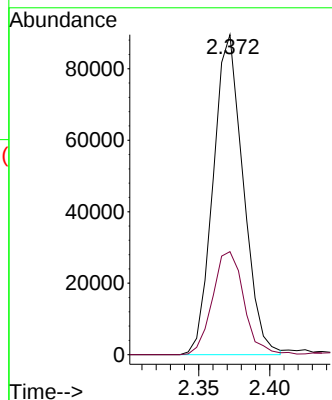
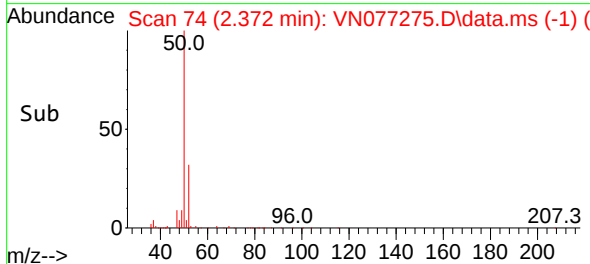
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



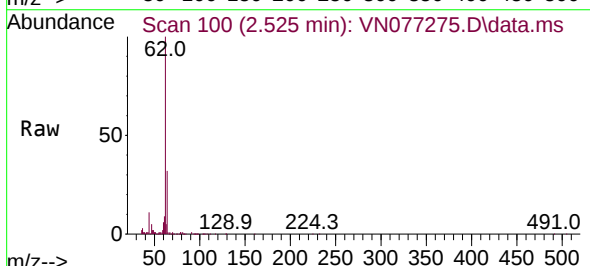
Tgt Ion: 50 Resp: 131519
Ion Ratio Lower Upper
50 100
52 32.2 26.4 39.6

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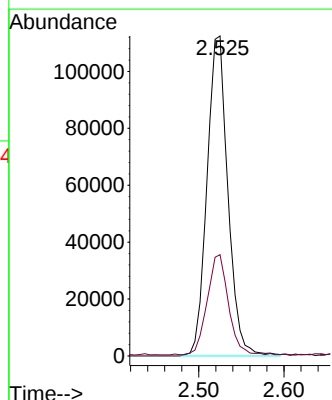
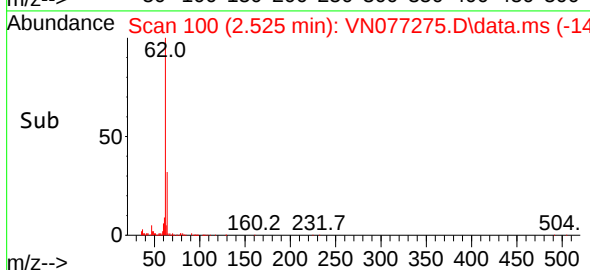
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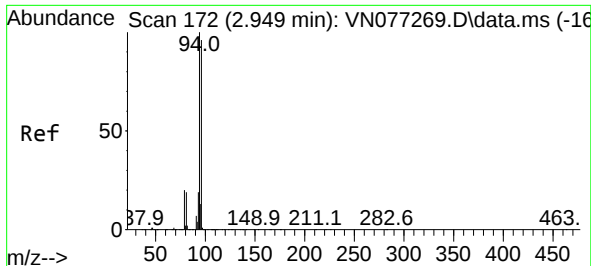


#4
Vinyl Chloride
Concen: 19.771 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



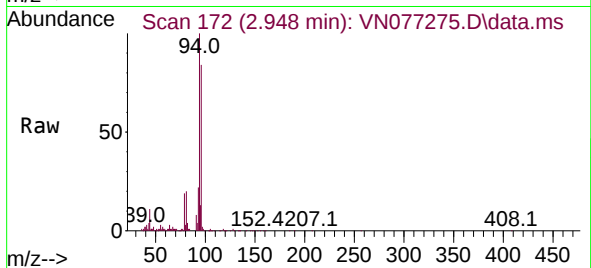
Tgt Ion: 62 Resp: 191866
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0





#5
Bromomethane
Concen: 19.066 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

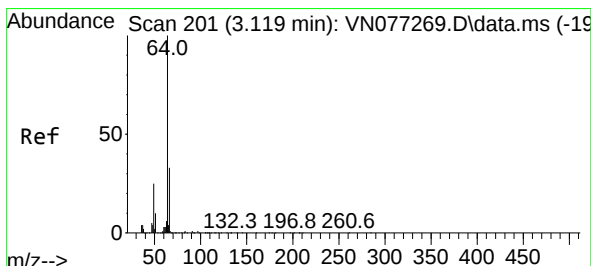
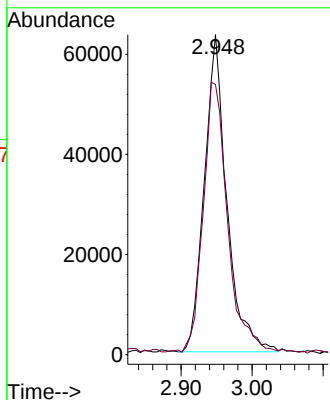
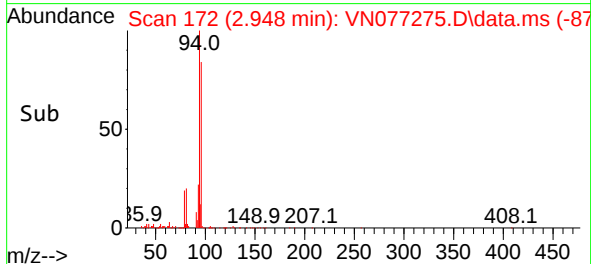
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



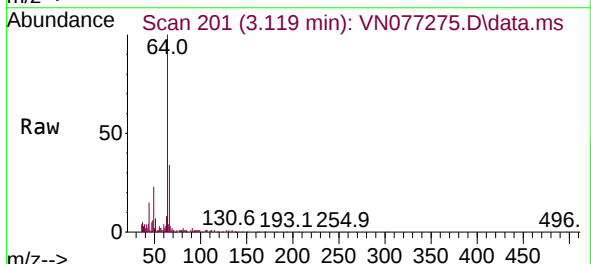
Tgt Ion: 94 Resp: 13941
Ion Ratio Lower Upper
94 100
96 84.0 77.0 115.6

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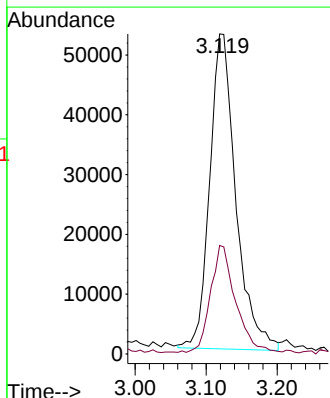
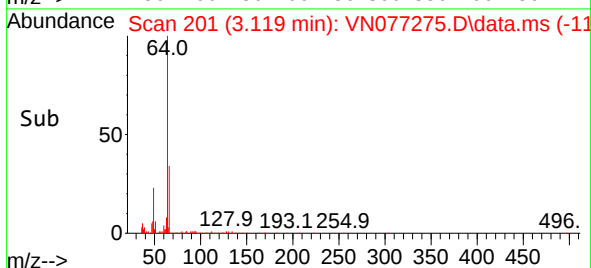
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

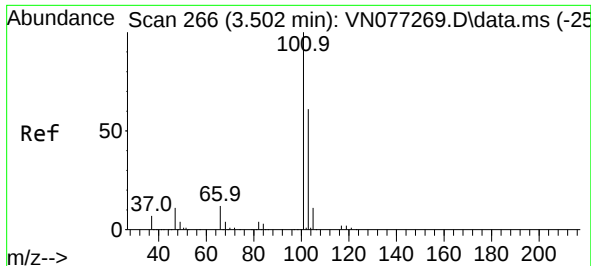


#6
Chloroethane
Concen: 20.731 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



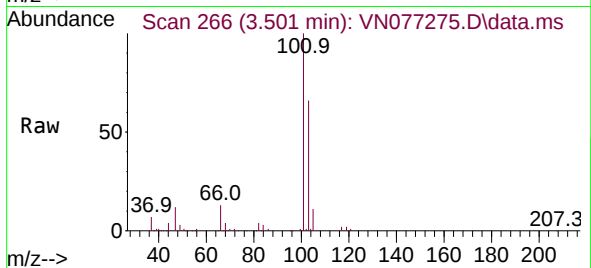
Tgt Ion: 64 Resp: 134844
Ion Ratio Lower Upper
64 100
66 34.3 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 19.159 ug/l
 RT: 3.501 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VN077275.D
 Acq: 07 Apr 2023 13:13

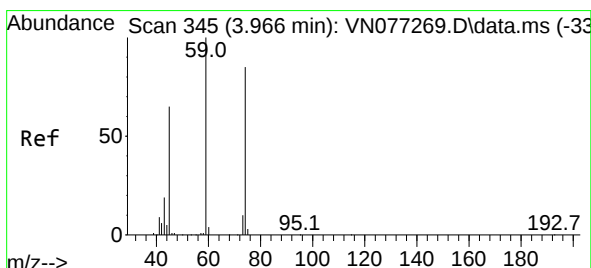
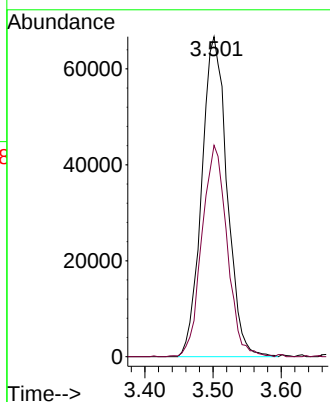
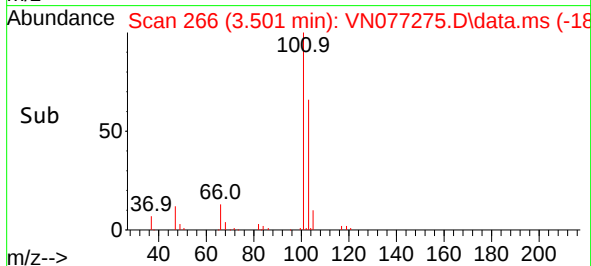
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Tgt Ion:101 Resp: 173110
 Ion Ratio Lower Upper
 101 100
 103 65.8 48.9 73.3

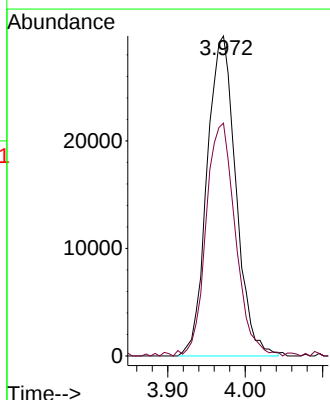
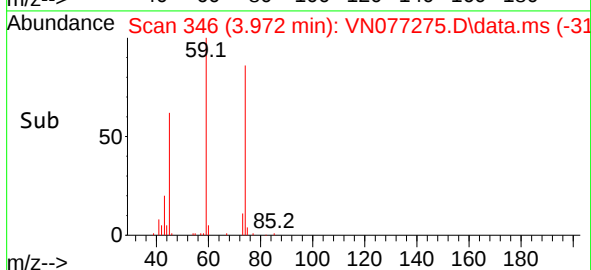
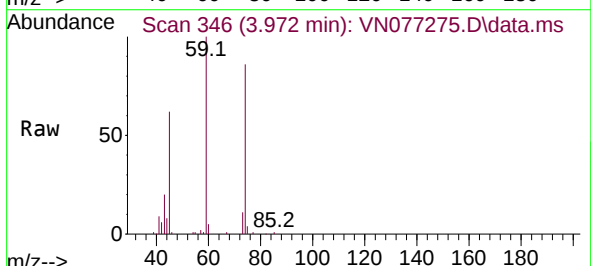
Manual Integrations
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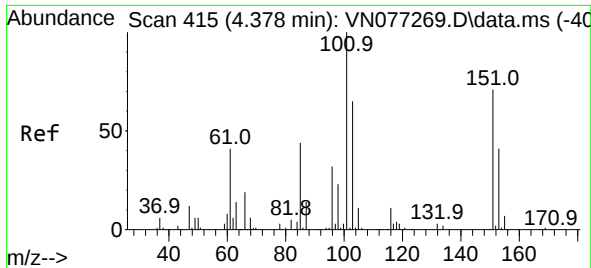
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#8
 Diethyl Ether
 Concen: 19.985 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN077275.D
 Acq: 07 Apr 2023 13:13

Tgt Ion: 74 Resp: 76969
 Ion Ratio Lower Upper
 74 100
 45 73.4 14.8 133.6





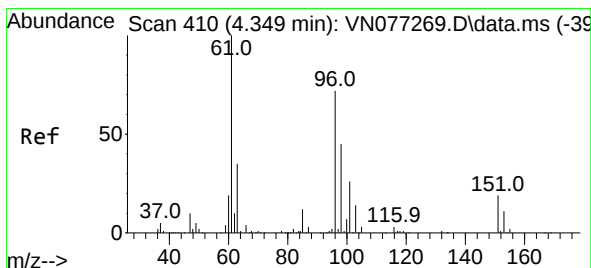
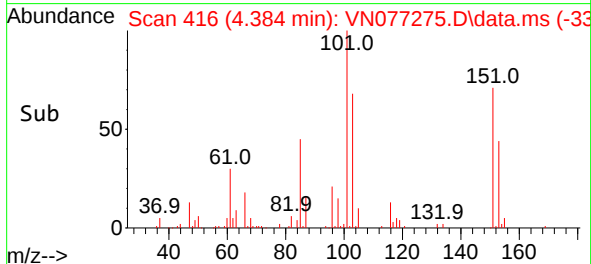
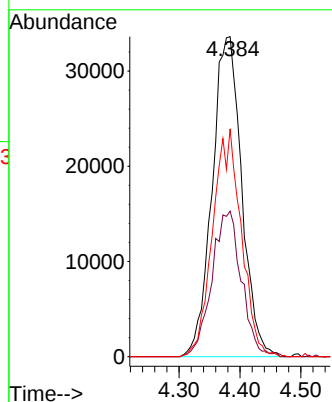
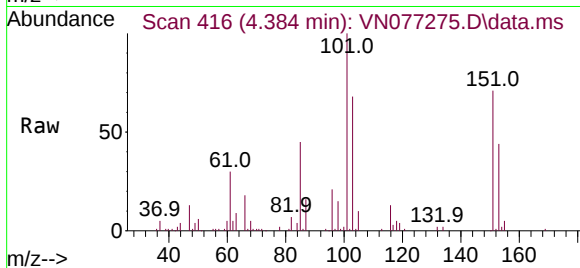
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1,1,2-Trichlorotrifluoroethane
Concen: 20.054 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723

Tgt Ion:101 Resp: 113308
Ion Ratio Lower Upper
101 100
85 45.4 0.0 89.6
151 36.2 0.0 141.6

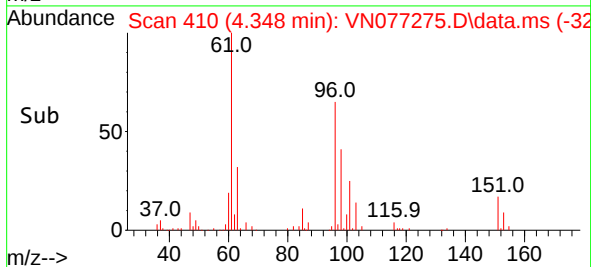
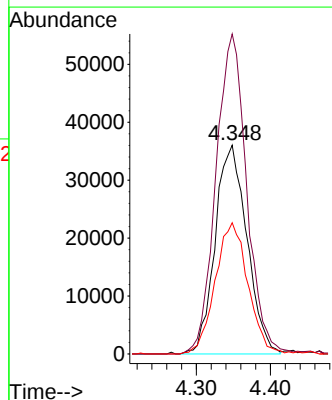
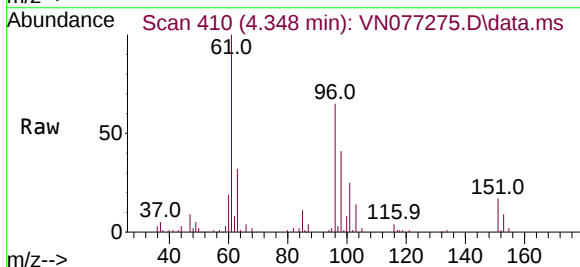
Manual Integrations
APPROVED

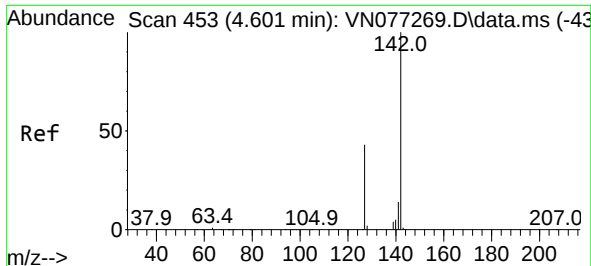
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#10
1,1-Dichloroethene
Concen: 18.993 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

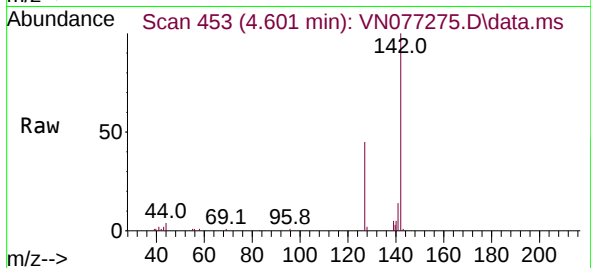
Tgt Ion: 96 Resp: 107358
Ion Ratio Lower Upper
96 100
61 153.2 110.7 166.1
98 62.8 49.6 74.4





#11
Methyl Iodide
Concen: 18.697 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

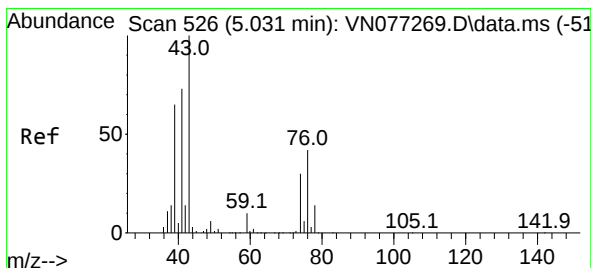
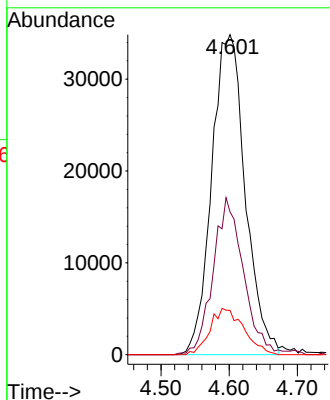
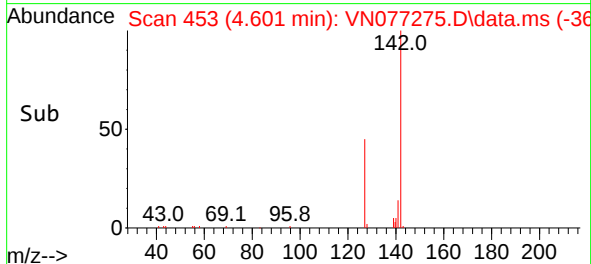
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



Tgt Ion:142 Resp: 119394
Ion Ratio Lower Upper
142 100
127 44.1 21.3 63.7
141 14.0 7.0 20.9

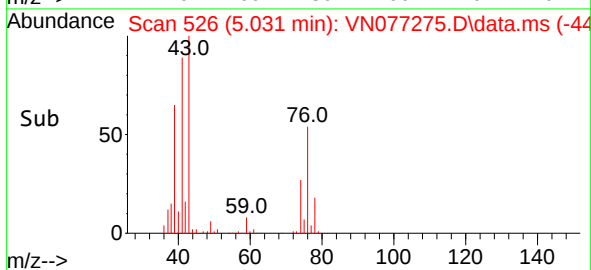
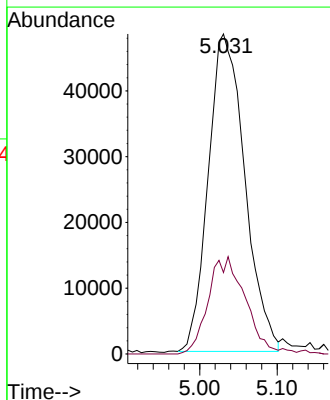
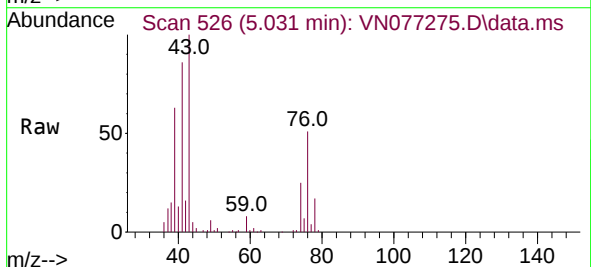
Manual Integrations
APPROVED

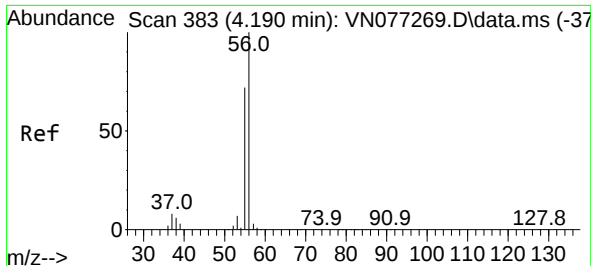
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#12
Methyl Acetate
Concen: 18.784 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

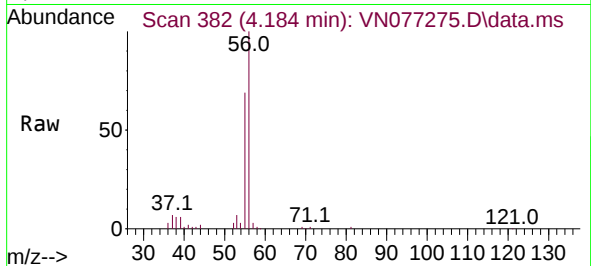
Tgt Ion: 43 Resp: 158181
Ion Ratio Lower Upper
43 100
74 25.5 24.2 36.2





#13
Acrolein
Concen: 97.188 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

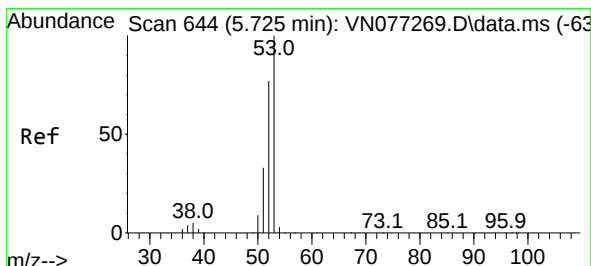
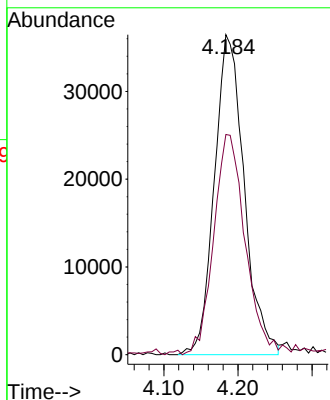
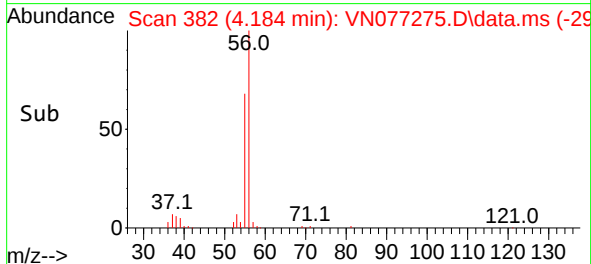
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



Tgt Ion: 56 Resp: 10159
Ion Ratio Lower Upper
56 100
55 72.3 55.2 82.8

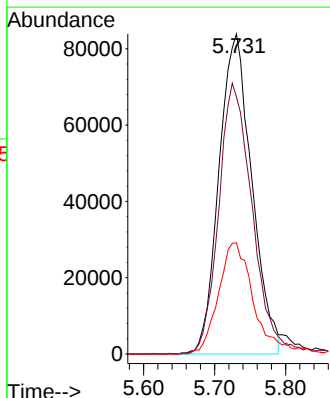
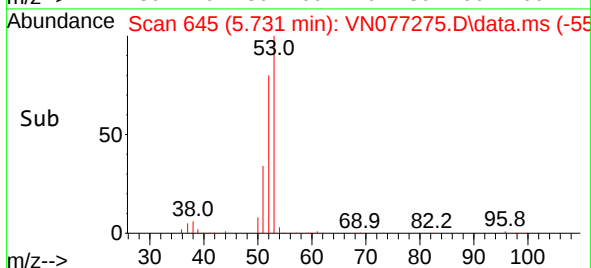
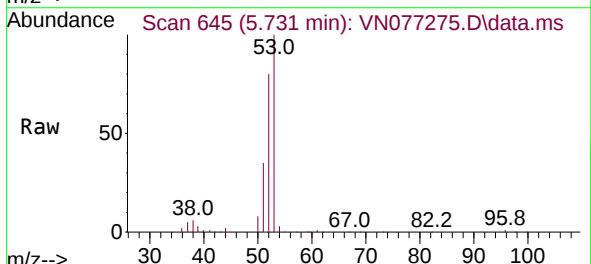
Manual Integrations
APPROVED

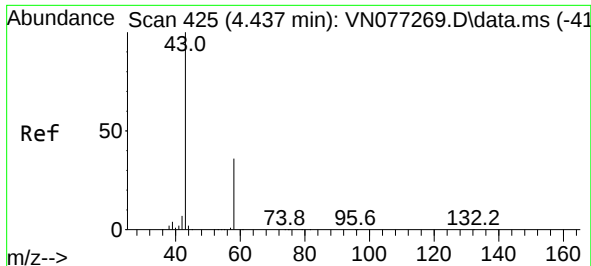
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#14
Acrylonitrile
Concen: 93.617 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

Tgt Ion: 53 Resp: 269483
Ion Ratio Lower Upper
53 100
52 86.5 41.0 123.0
51 34.8 17.7 53.1





#15

Acetone

Concen: 91.634 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077275.D

Acq: 07 Apr 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040723

Tgt Ion: 58 Resp: 95694

Ion Ratio Lower Upper

58 100

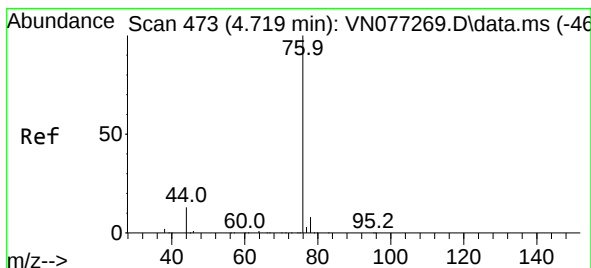
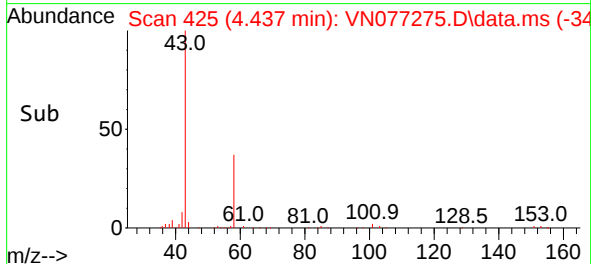
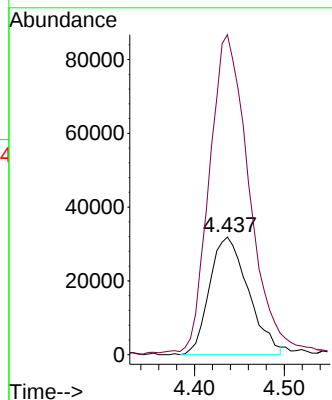
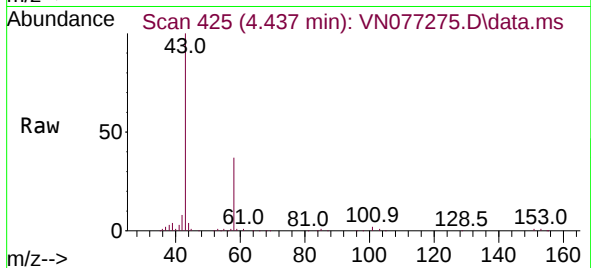
43 269.6 220.9 331.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#16

Carbon Disulfide

Concen: 19.409 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.000 min

Lab File: VN077275.D

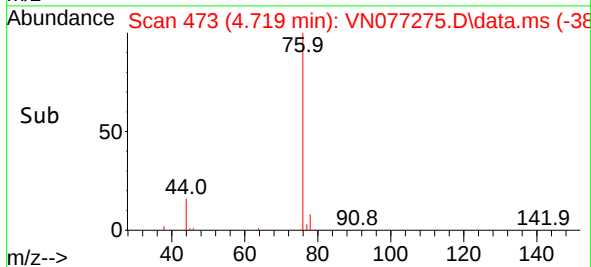
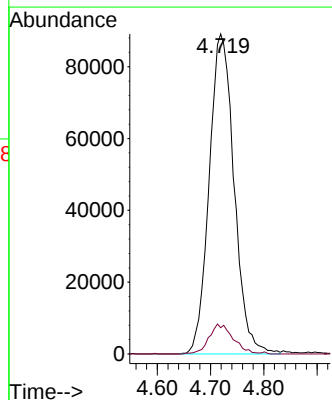
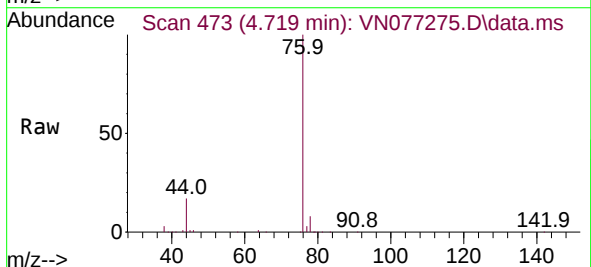
Acq: 07 Apr 2023 13:13

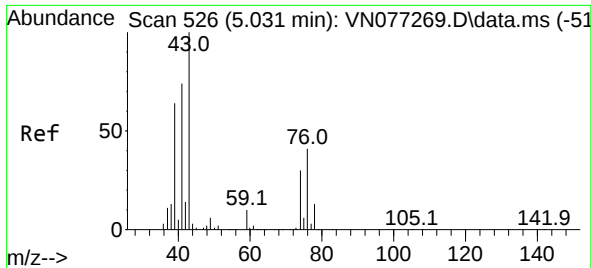
Tgt Ion: 76 Resp: 289566

Ion Ratio Lower Upper

76 100

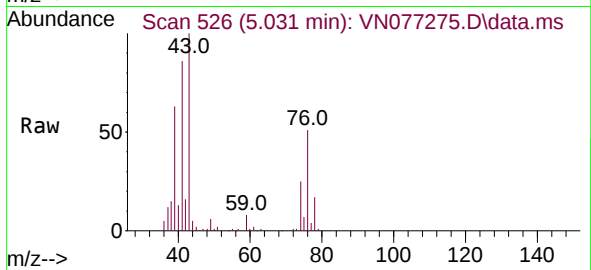
78 8.2 6.3 9.5





#17
 Allyl chloride
 Concen: 18.874 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077275.D
 Acq: 07 Apr 2023 13:13

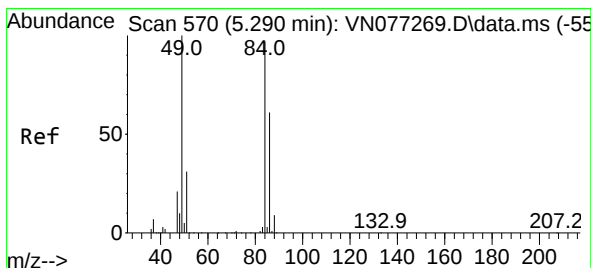
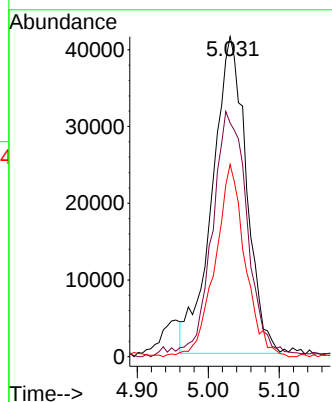
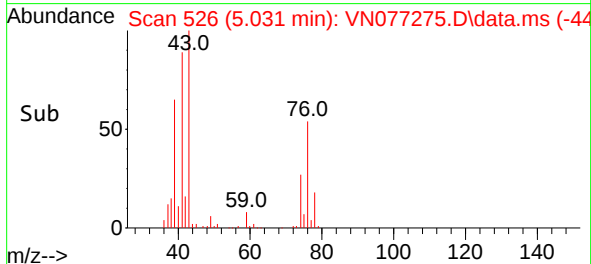
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN040723



Tgt Ion: 41 Resp: 137332
 Ion Ratio Lower Upper
 41 100
 39 71.3 40.3 120.9
 76 60.0 25.3 75.8

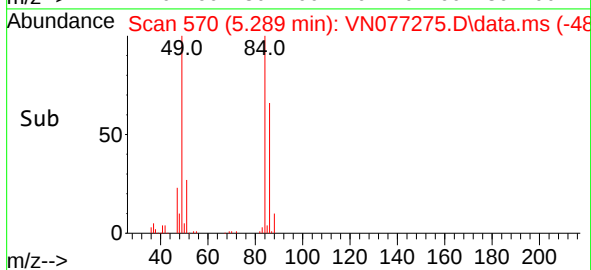
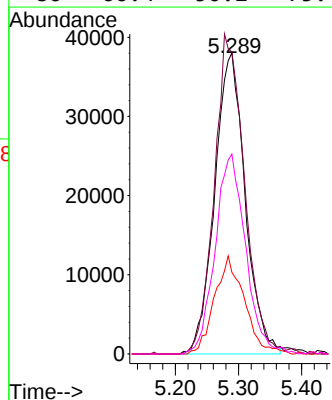
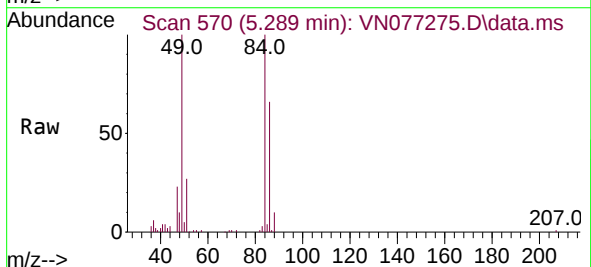
Manual Integrations
 APPROVED

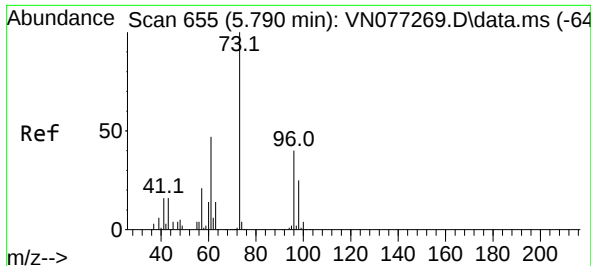
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#18
 Methylene Chloride
 Concen: 19.371 ug/l
 RT: 5.289 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VN077275.D
 Acq: 07 Apr 2023 13:13

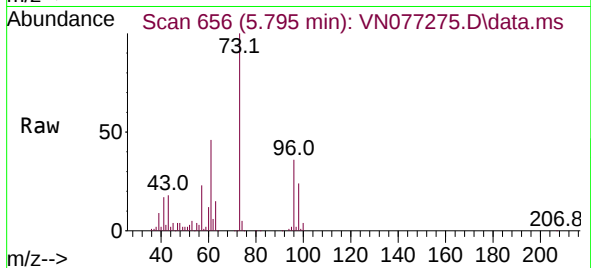
Tgt Ion: 84 Resp: 127153
 Ion Ratio Lower Upper
 84 100
 49 100.3 82.7 124.1
 51 27.2 25.6 38.4
 86 66.4 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 19.224 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

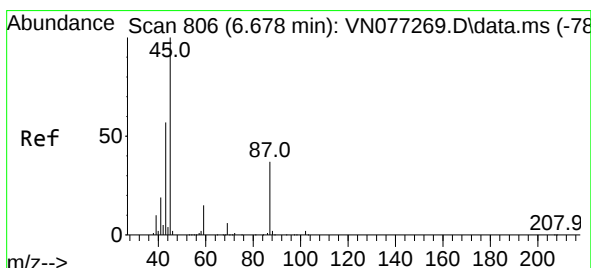
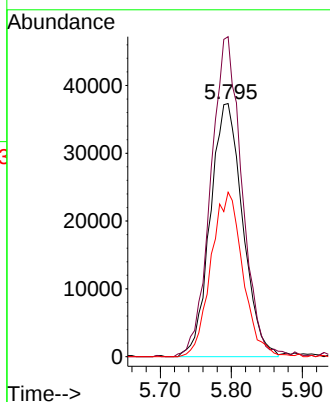
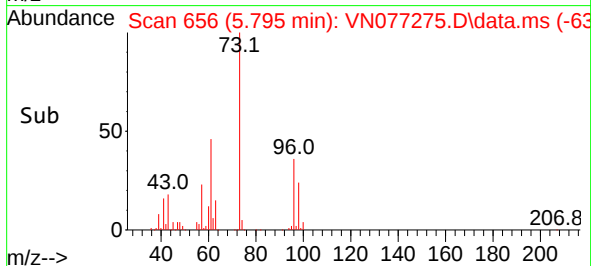
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



Tgt Ion: 96 Resp: 11815
Ion Ratio Lower Upper
96 100
61 125.4 94.5 141.7
98 65.0 49.8 74.8

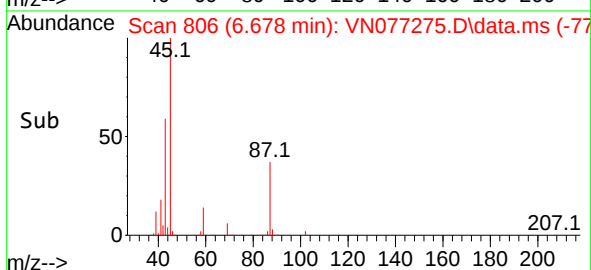
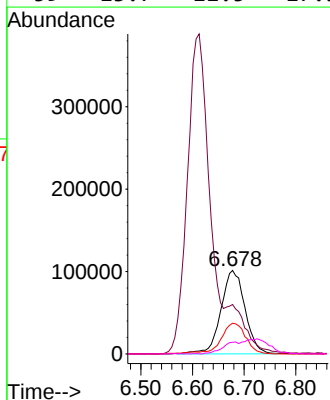
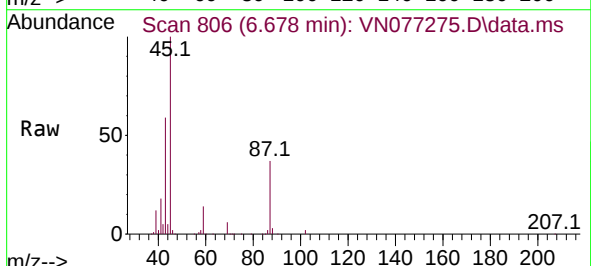
Manual Integrations
APPROVED

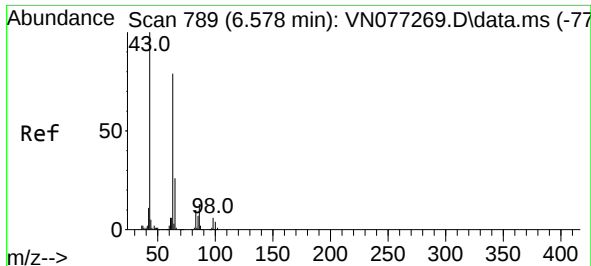
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#20
Diisopropyl ether
Concen: 18.907 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

Tgt Ion: 45 Resp: 327893
Ion Ratio Lower Upper
45 100
43 57.2 45.9 68.9
87 36.7 30.1 45.1
59 13.7 11.5 17.3





#21

1,1-Dichloroethane

Concen: 19.674 ug/l

RT: 6.578 min Scan# 789

Delta R.T. -0.000 min

Lab File: VN077275.D

Acq: 07 Apr 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040723

Tgt Ion: 63 Resp: 21625

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

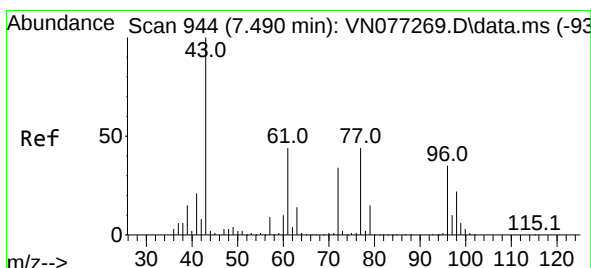
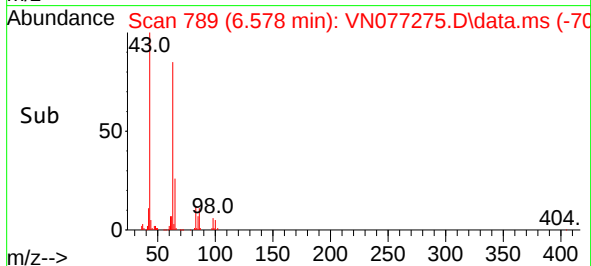
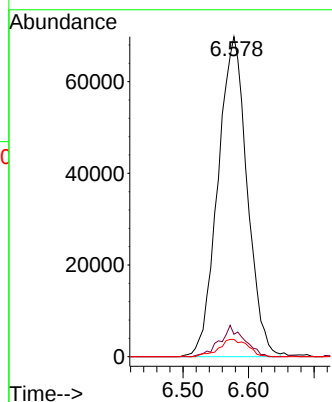
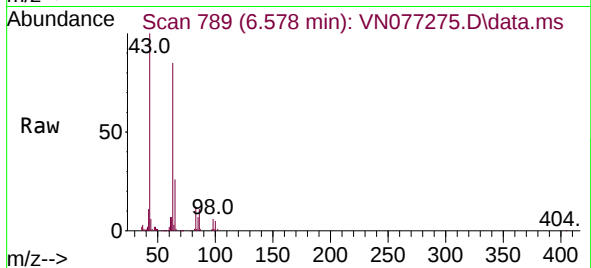
100 5.4 2.3 6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#22

cis-1,2-Dichloroethene

Concen: 19.625 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.006 min

Lab File: VN077275.D

Acq: 07 Apr 2023 13:13

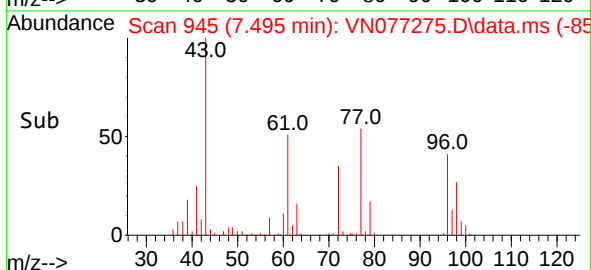
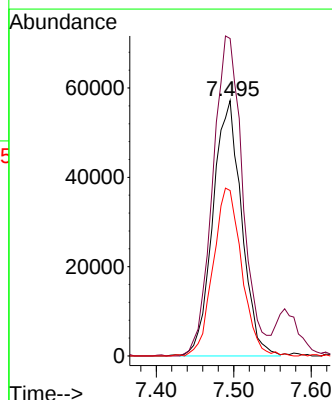
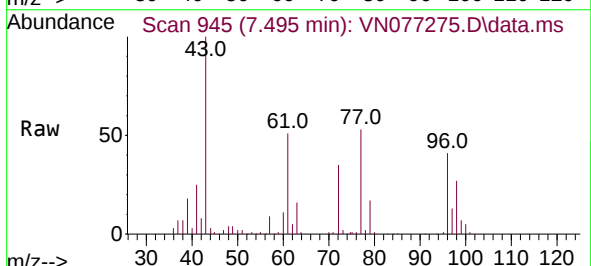
Tgt Ion: 96 Resp: 147038

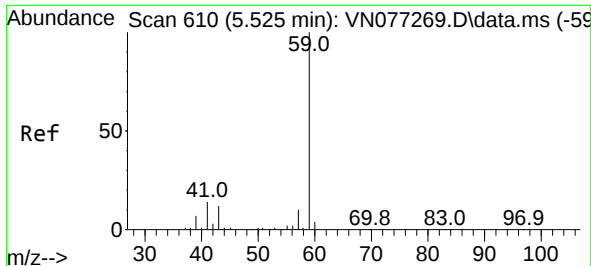
Ion Ratio Lower Upper

96 100

61 130.1 105.5 158.3

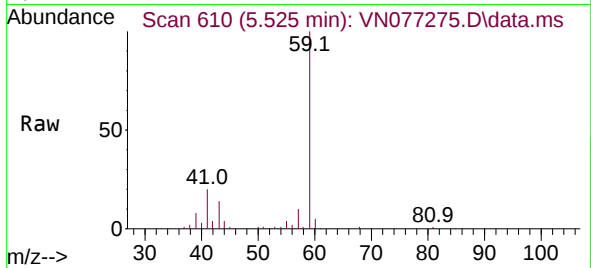
98 65.1 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 93.623 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

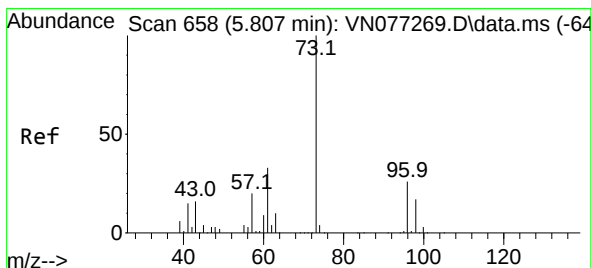
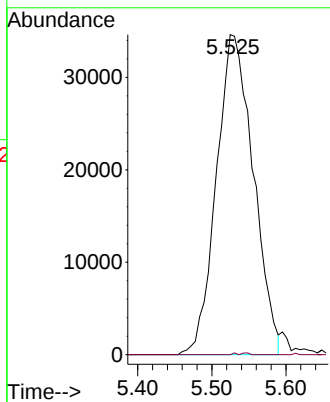
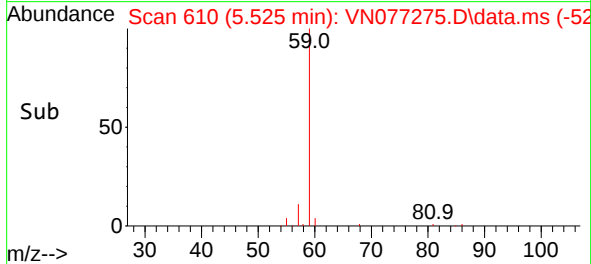
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



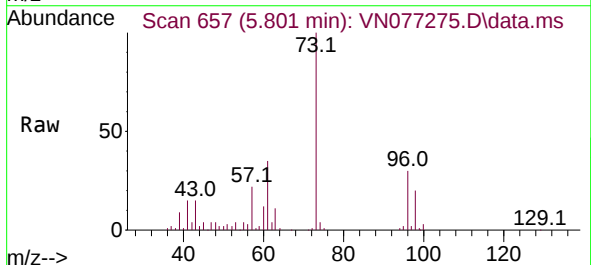
Tgt Ion: 59 Resp: 119834
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1

Manual Integrations
APPROVED

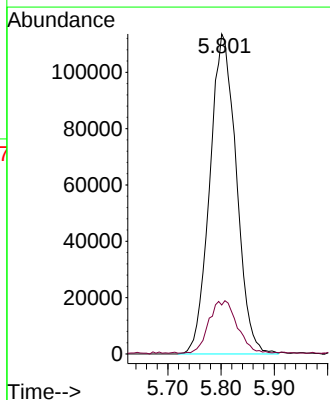
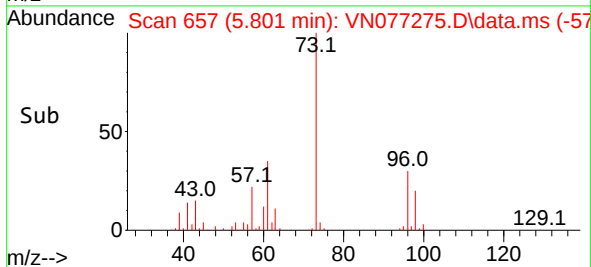
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

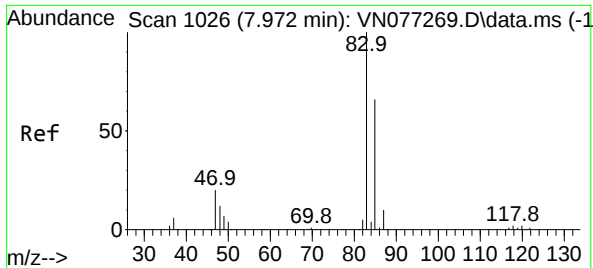


#24
Methyl tert-Butyl Ether
Concen: 19.279 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



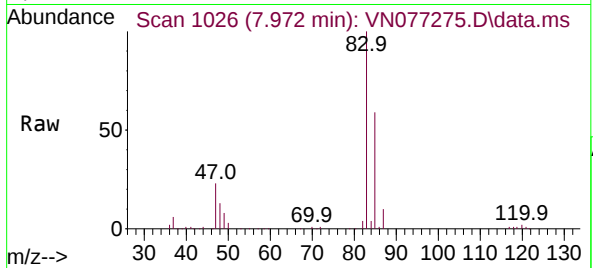
Tgt Ion: 73 Resp: 392323
Ion Ratio Lower Upper
73 100
43 8.7 13.5 20.3





#25
Chloroform
Concen: 19.449 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

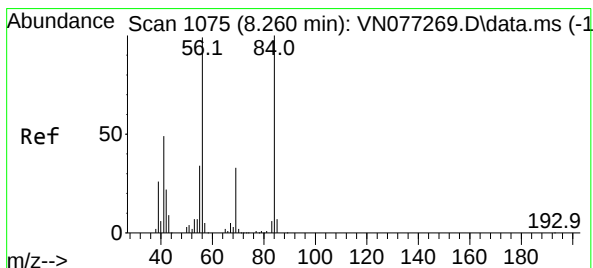
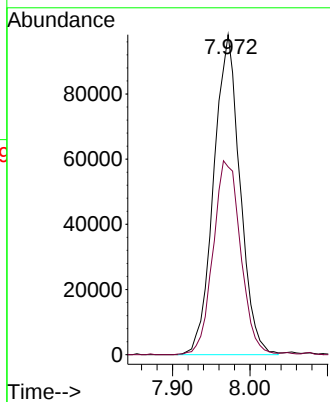
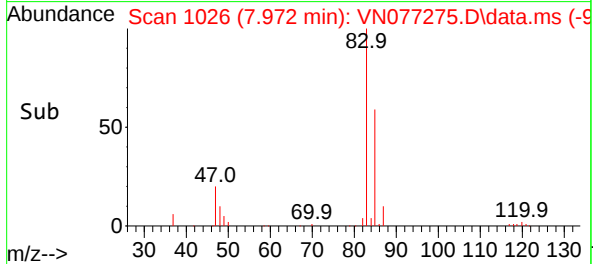
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



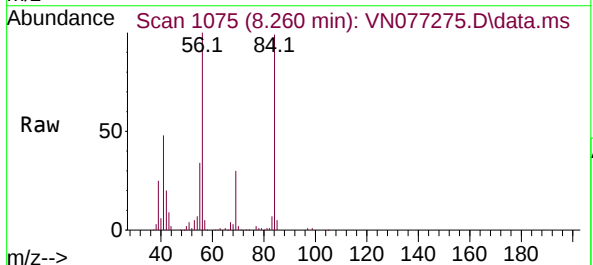
Tgt Ion: 83 Resp: 231680
Ion Ratio Lower Upper
83 100
85 58.5 52.9 79.3

Manual Integrations
APPROVED

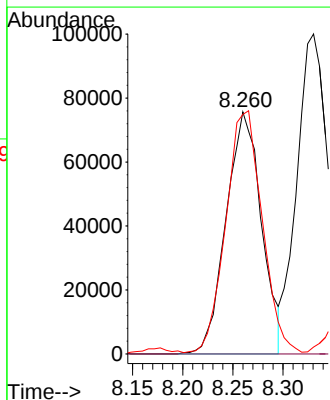
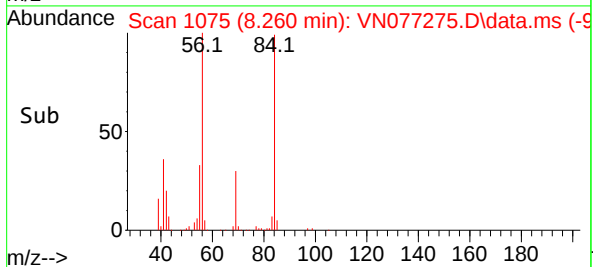
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

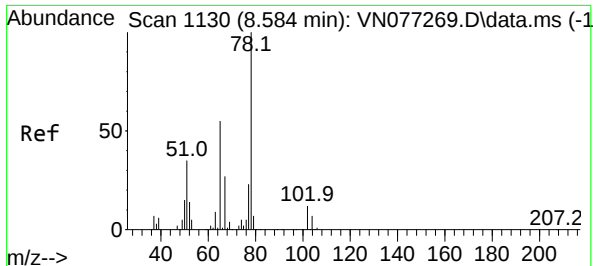


#26
Cyclohexane
Concen: 19.431 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



Tgt Ion: 56 Resp: 185590
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 103.8 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 31.290 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077275.D

Acq: 07 Apr 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040723

Tgt Ion: 65 Resp: 14235

Ion Ratio Lower Upper

65 100

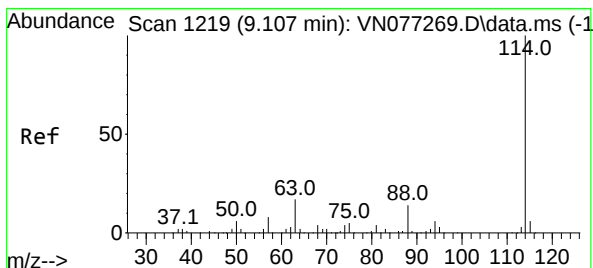
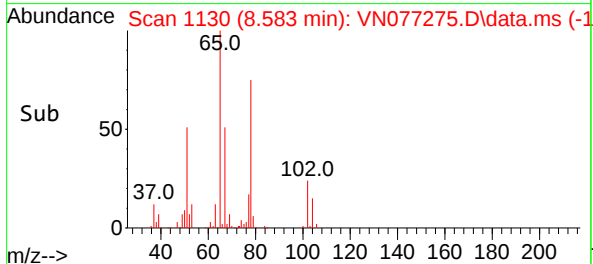
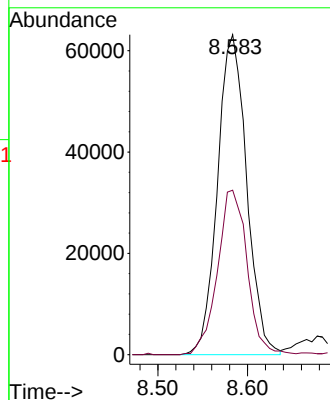
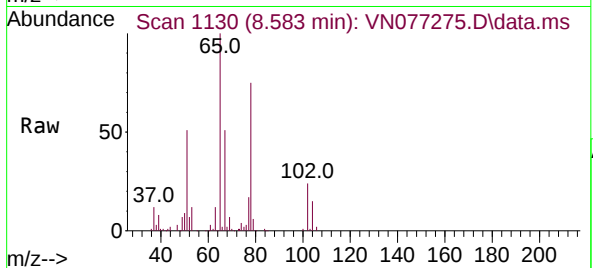
67 52.4 41.8 62.6

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: VN077275.D

Acq: 07 Apr 2023 13:13

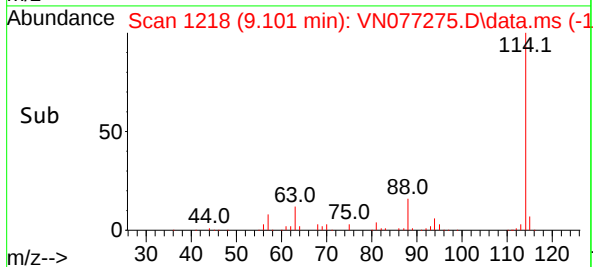
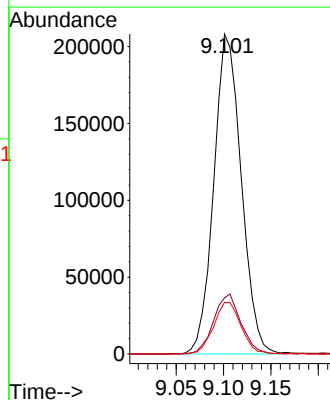
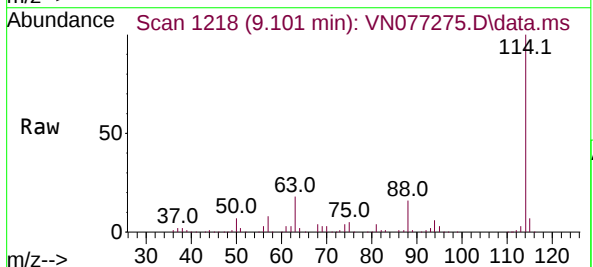
Tgt Ion:114 Resp: 420066

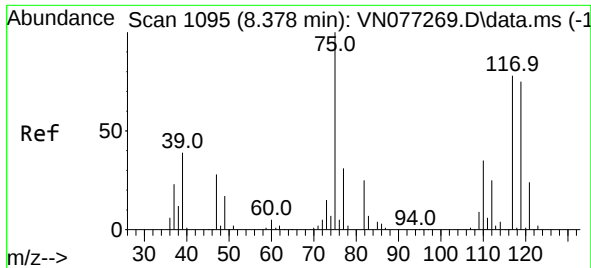
Ion Ratio Lower Upper

114 100

63 18.6 15.0 22.4

88 16.2 11.9 17.9





#29

1,1-Dichloropropene

Concen: 19.337 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VN077275.D

Acq: 07 Apr 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040723

Tgt Ion: 75 Resp: 175964

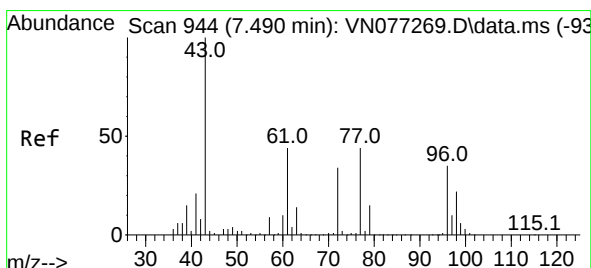
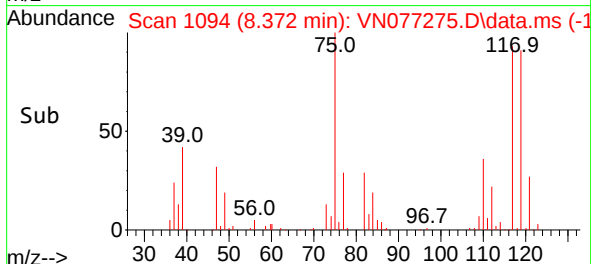
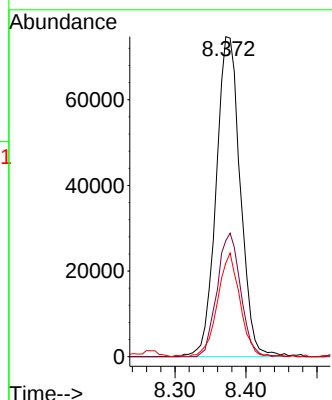
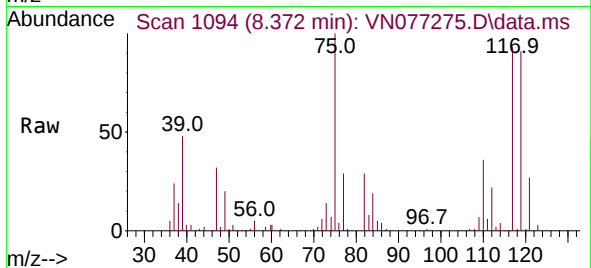
Ion	Ratio	Lower	Upper
75	100		
110	37.6	0.0	72.4
77	30.0	0.0	61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#30

2-Butanone

Concen: 89.890 ug/l

RT: 7.483 min Scan# 943

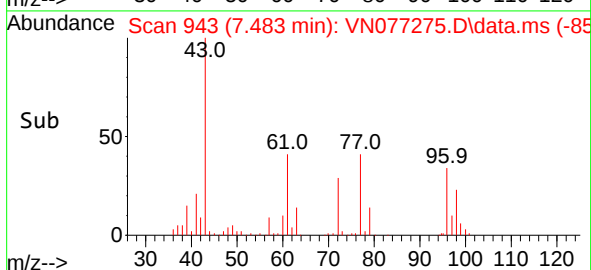
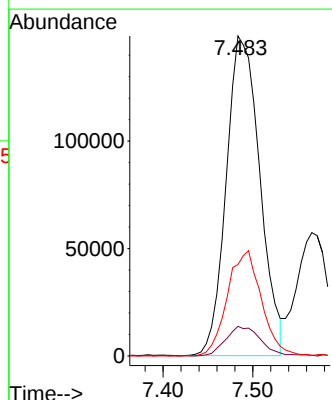
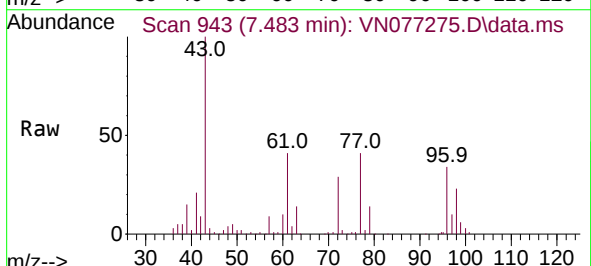
Delta R.T. -0.006 min

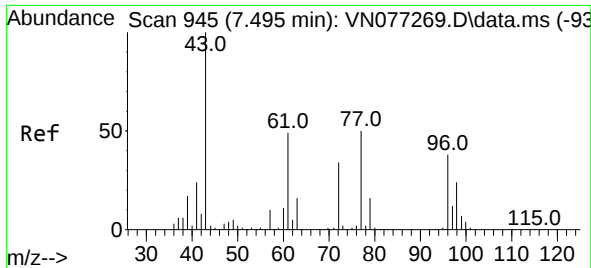
Lab File: VN077275.D

Acq: 07 Apr 2023 13:13

Tgt Ion: 43 Resp: 386815

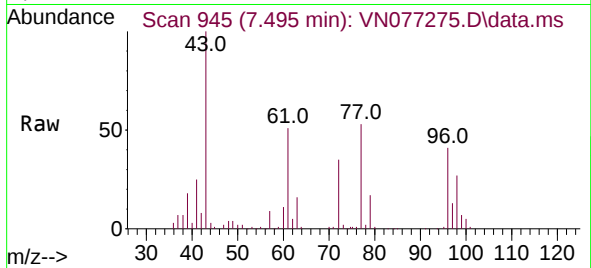
Ion	Ratio	Lower	Upper
43	100		
57	9.5	7.5	11.3
72	33.4	26.9	40.3





#31
2,2-Dichloropropane
Concen: 18.830 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

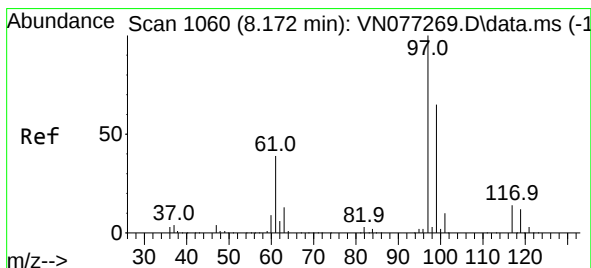
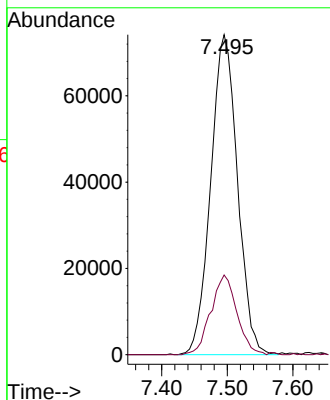
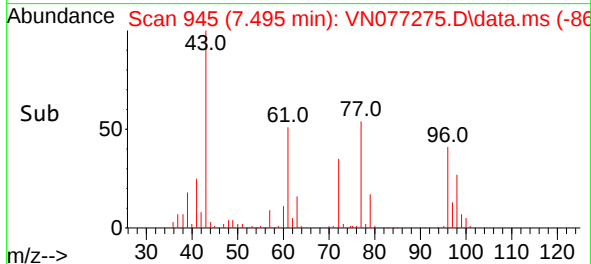
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



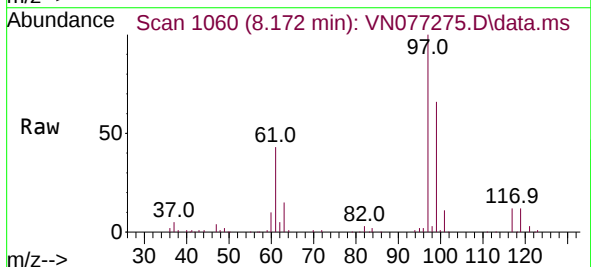
Tgt Ion: 77 Resp: 210340
Ion Ratio Lower Upper
77 100
97 24.2 18.8 28.2

Manual Integrations
APPROVED

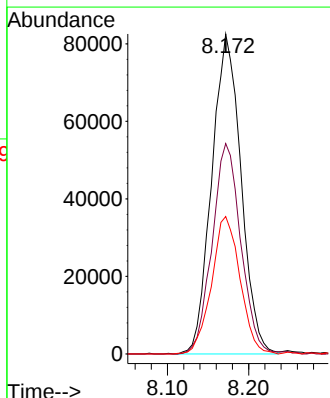
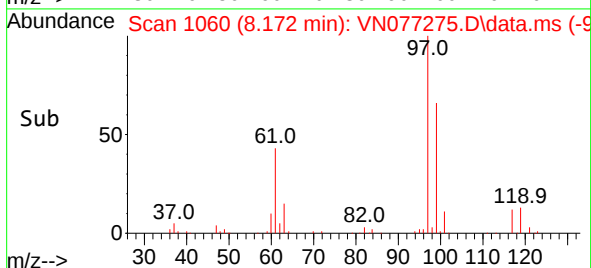
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

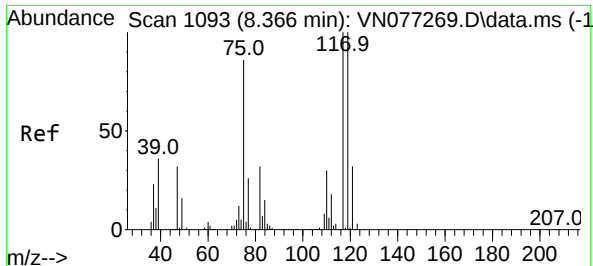


#32
1,1,1-Trichloroethane
Concen: 18.454 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



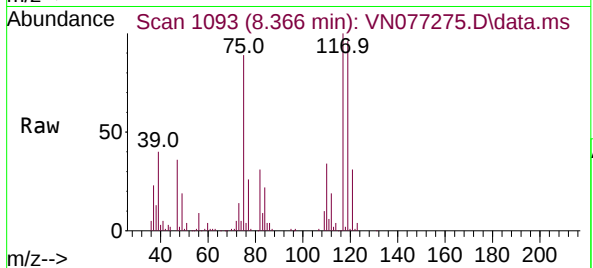
Tgt Ion: 97 Resp: 206660
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 41.8 32.4 48.6





#33
Carbon Tetrachloride
Concen: 18.499 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

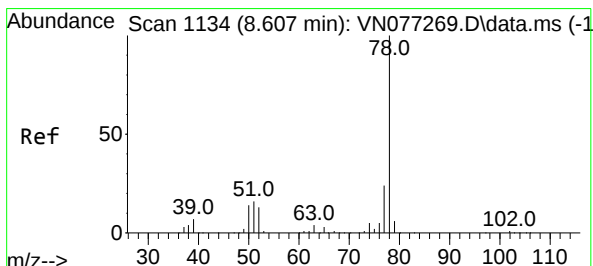
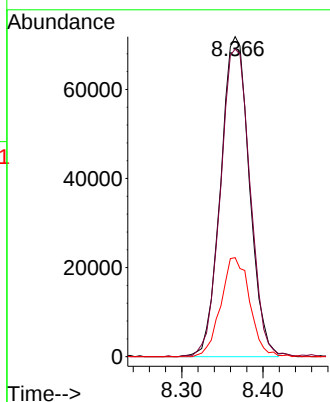
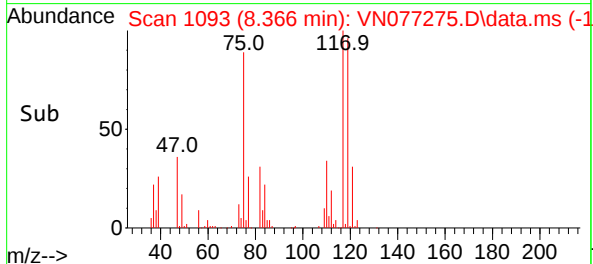
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



Tgt Ion: 117 Resp: 176814
Ion Ratio Lower Upper
117 100
119 96.1 80.2 120.4
121 31.0 26.0 39.0

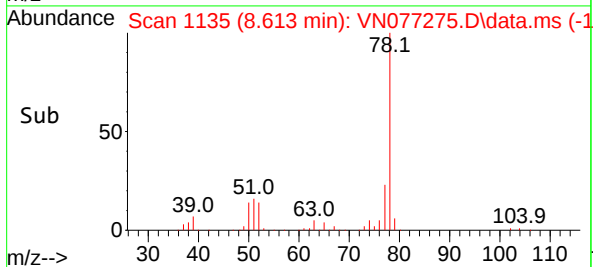
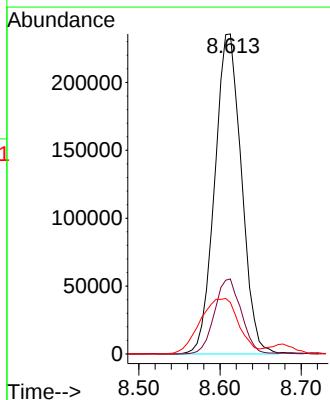
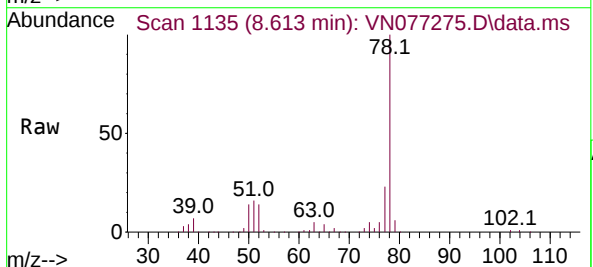
Manual Integrations
APPROVED

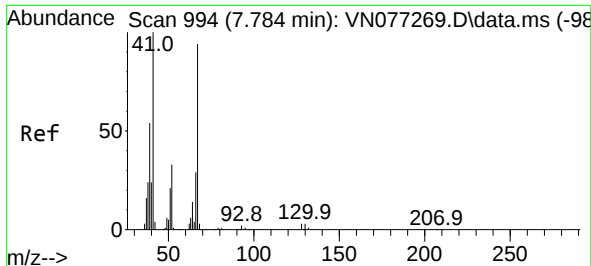
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#34
Benzene
Concen: 19.151 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

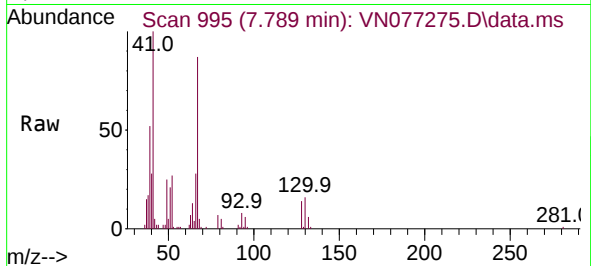
Tgt Ion: 78 Resp: 539230
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0
51 15.3 12.6 19.0





#35
Methacrylonitrile
Concen: 19.675 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

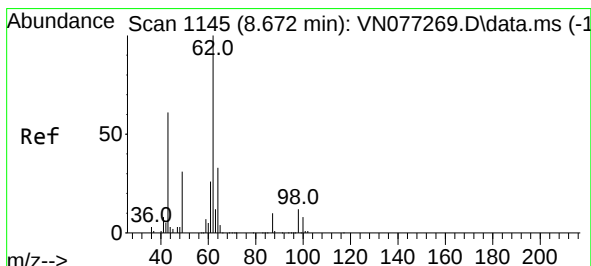
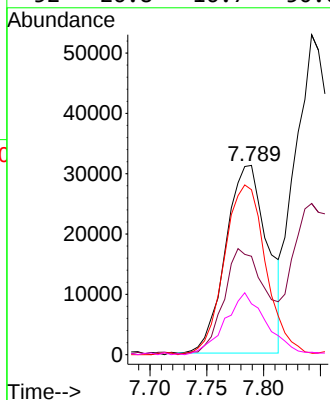
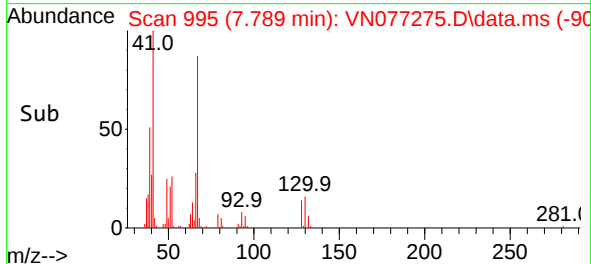
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



Tgt Ion: 41 Resp: 7975
Ion Ratio Lower Upper
41 100
39 52.4 27.1 81.2
67 88.7 46.8 140.4
52 26.8 16.7 50.0

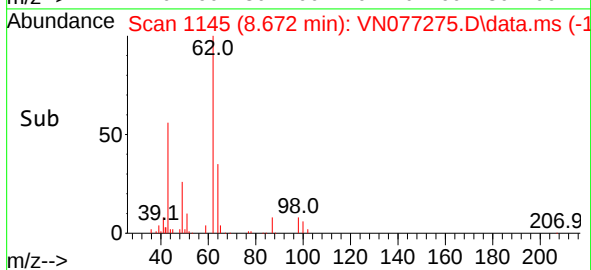
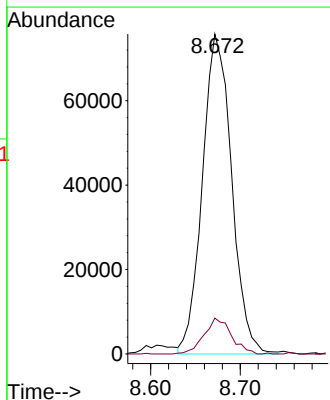
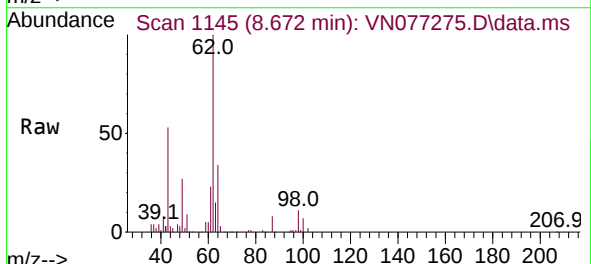
Manual Integrations
APPROVED

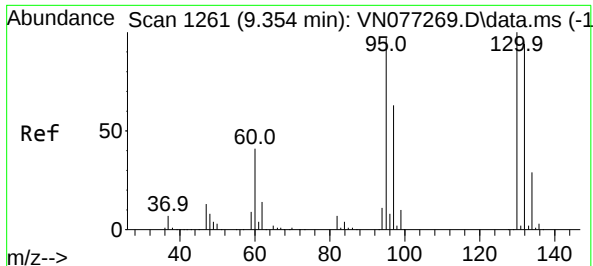
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#36
1,2-Dichloroethane
Concen: 19.444 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

Tgt Ion: 62 Resp: 171644
Ion Ratio Lower Upper
62 100
98 10.4 8.3 12.5





#37

Trichloroethene

Concen: 18.989 ug/l

RT: 9.354 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077275.D

Acq: 07 Apr 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040723

Tgt Ion:130 Resp: 130774

Ion Ratio Lower Upper

130 100

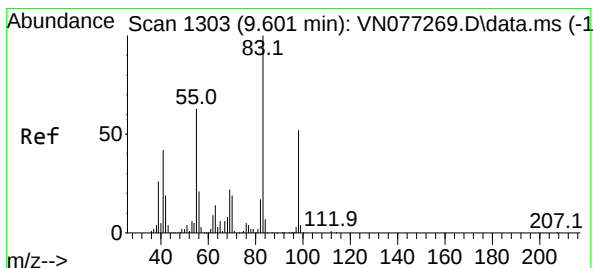
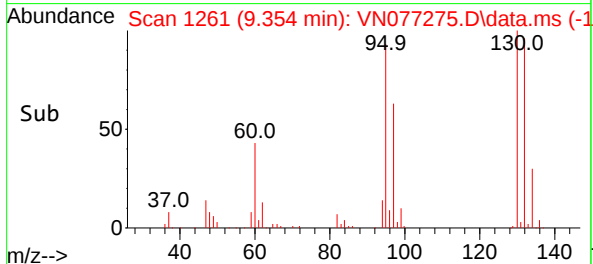
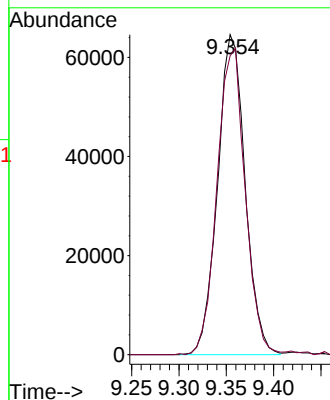
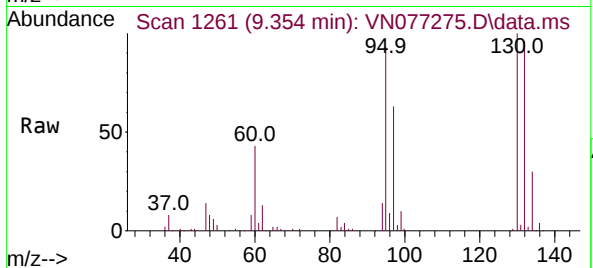
95 93.0 77.5 116.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#38

Methylcyclohexane

Concen: 18.859 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN077275.D

Acq: 07 Apr 2023 13:13

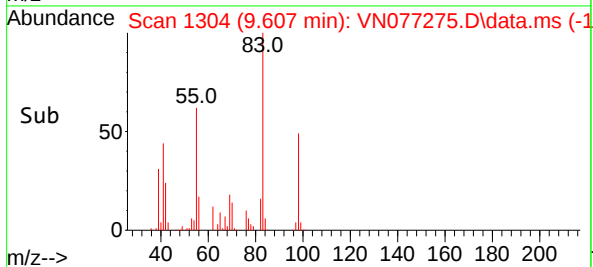
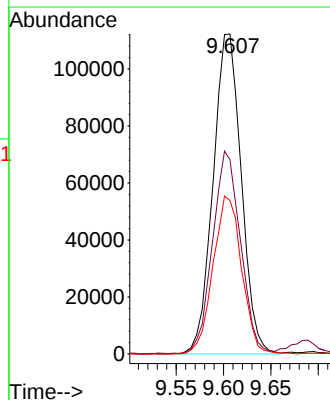
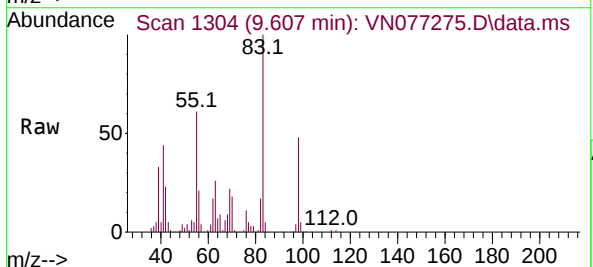
Tgt Ion: 83 Resp: 232756

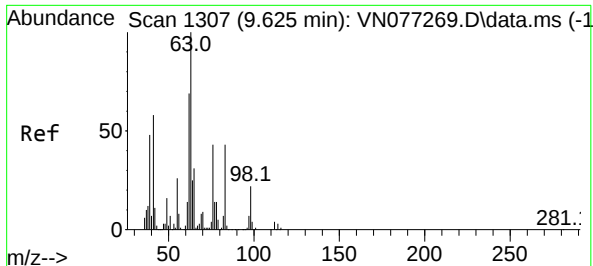
Ion Ratio Lower Upper

83 100

55 62.9 32.0 96.2

98 50.0 25.3 75.9





#39

1,2-Dichloropropane

Concen: 19.002 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077275.D

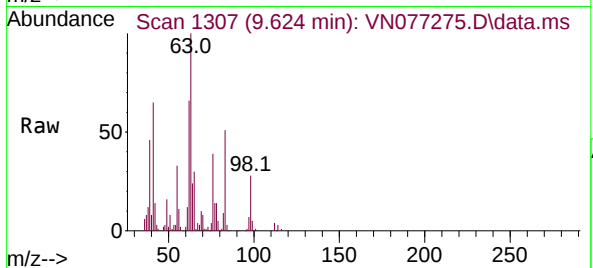
Acq: 07 Apr 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040723



Tgt Ion: 63 Resp: 13281

Ion Ratio Lower Upper

63 100

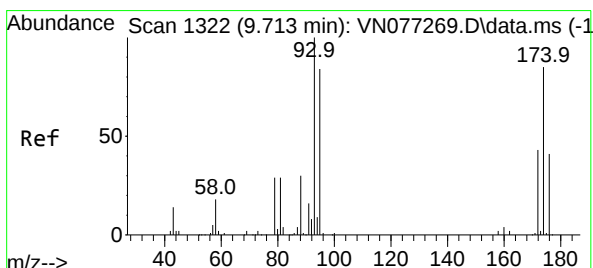
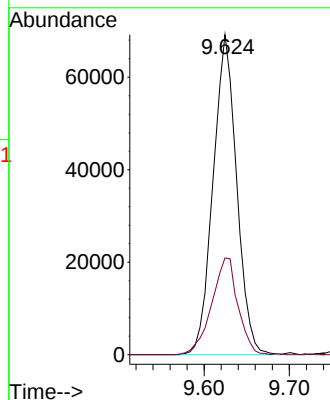
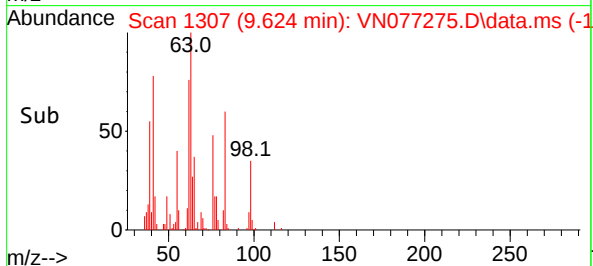
65 30.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#40

Dibromomethane

Concen: 18.686 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077275.D

Acq: 07 Apr 2023 13:13

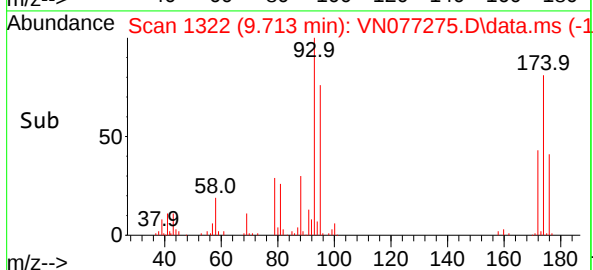
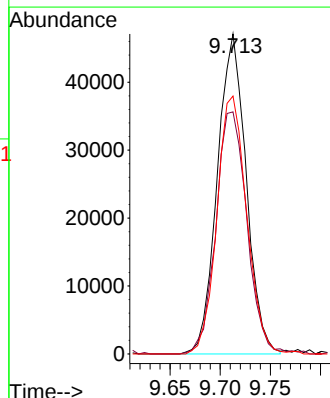
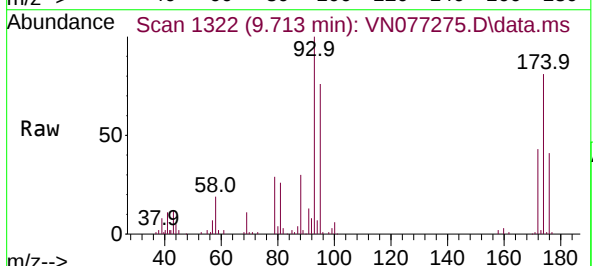
Tgt Ion: 93 Resp: 94105

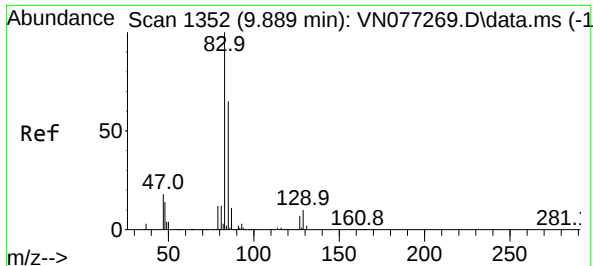
Ion Ratio Lower Upper

93 100

95 81.4 0.0 166.4

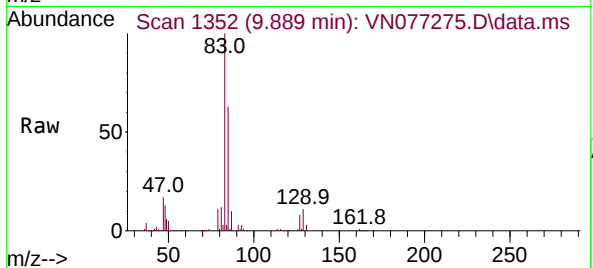
174 83.2 0.0 164.8





#41
Bromodichloromethane
Concen: 18.870 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

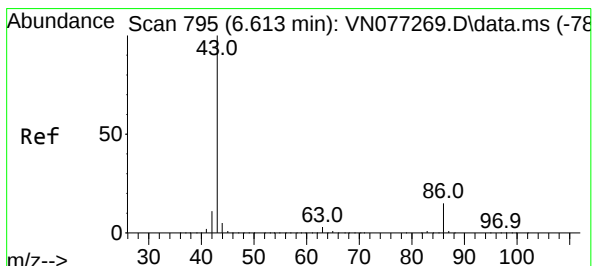
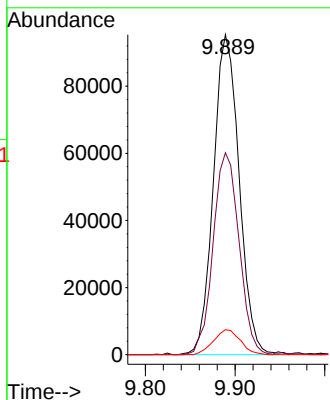
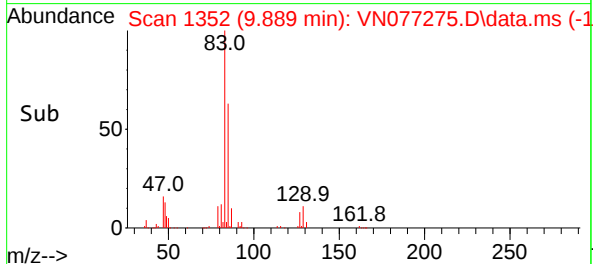
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



Tgt Ion: 83 Resp: 189494
Ion Ratio Lower Upper
83 100
85 63.1 52.3 78.5
127 7.8 5.9 8.9

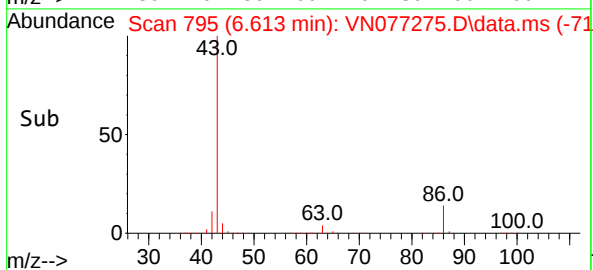
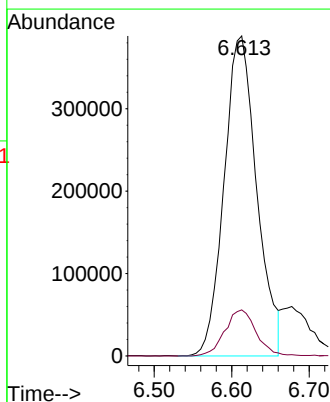
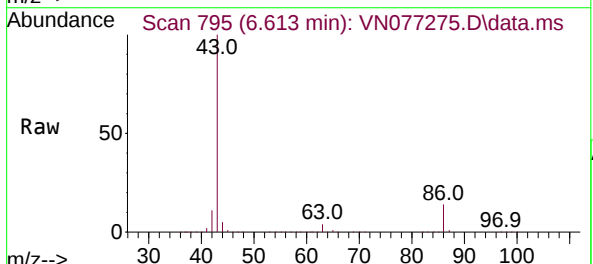
Manual Integrations
APPROVED

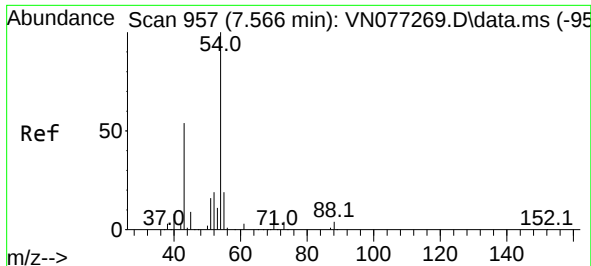
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#42
Vinyl Acetate
Concen: 91.520 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

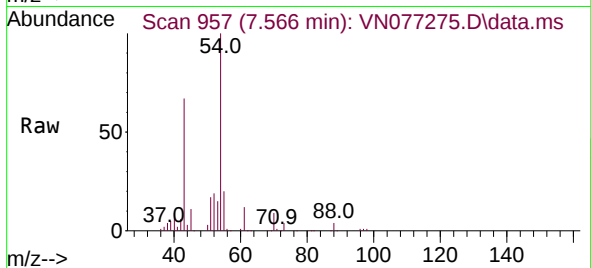
Tgt Ion: 43 Resp: 1139805
Ion Ratio Lower Upper
43 100
86 13.8 0.0 0.0#





#43
Ethyl Acetate
Concen: 18.080 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

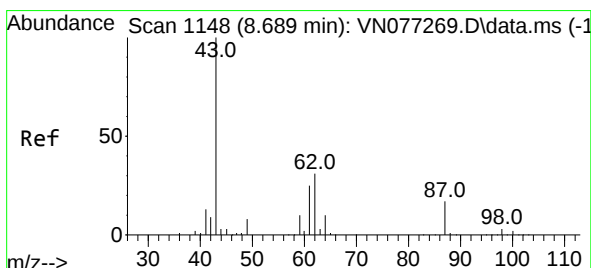
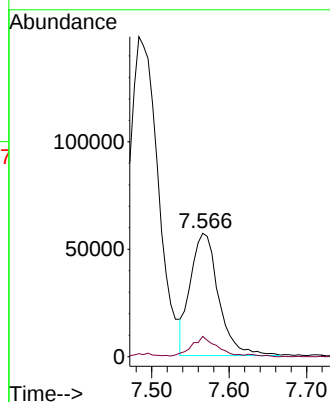
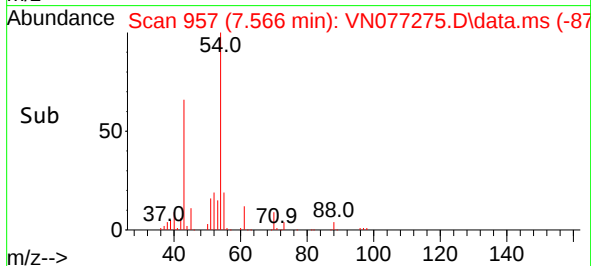
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



Tgt Ion: 43 Resp: 143944
Ion Ratio Lower Upper
43 100
45 14.8 12.3 18.5

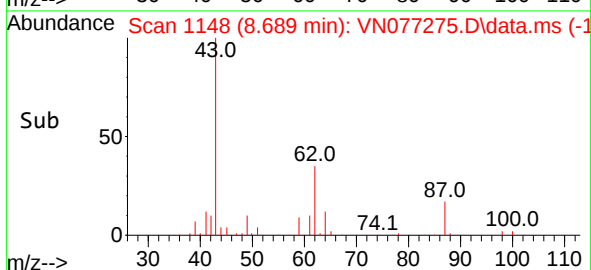
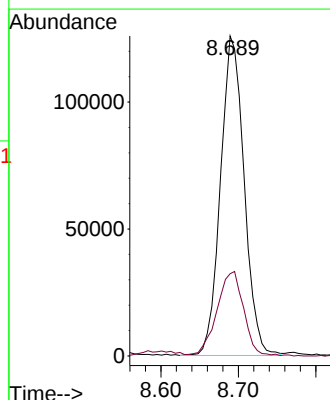
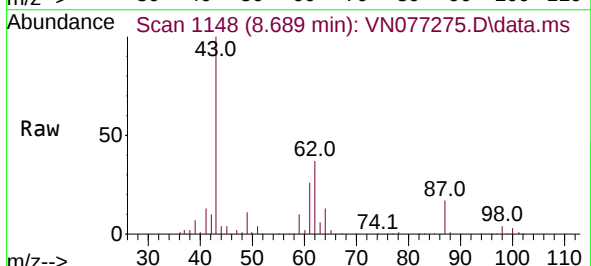
Manual Integrations
APPROVED

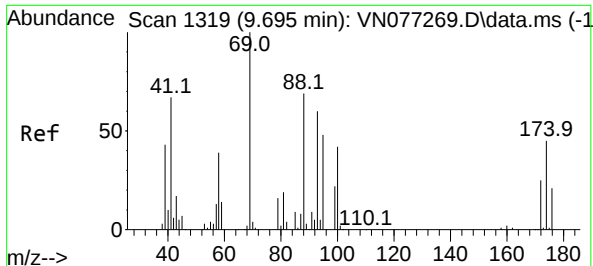
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#44
Isopropyl Acetate
Concen: 18.747 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

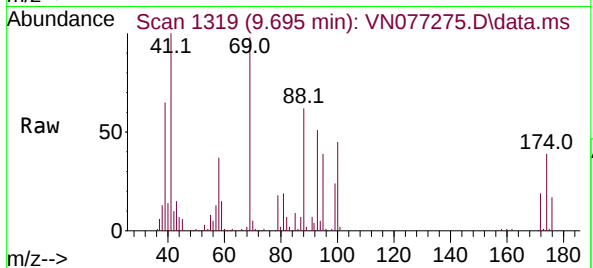
Tgt Ion: 43 Resp: 267228
Ion Ratio Lower Upper
43 100
61 29.8 0.0 0.0#





#45
1,4-Dioxane
Concen: 373.518 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

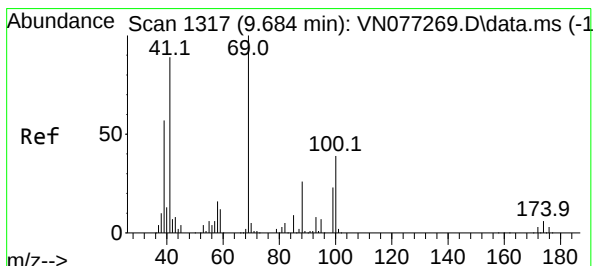
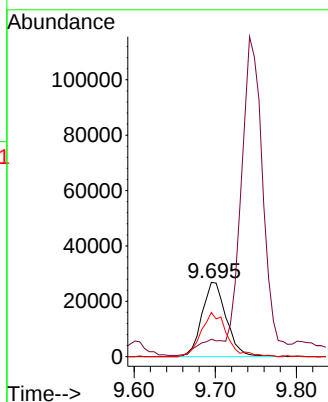
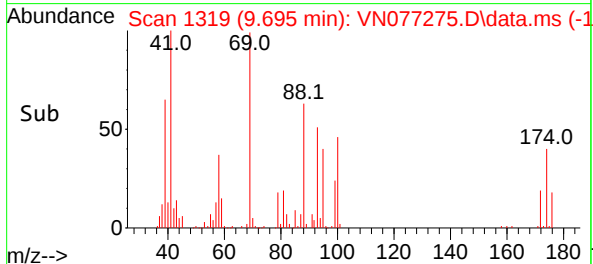
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



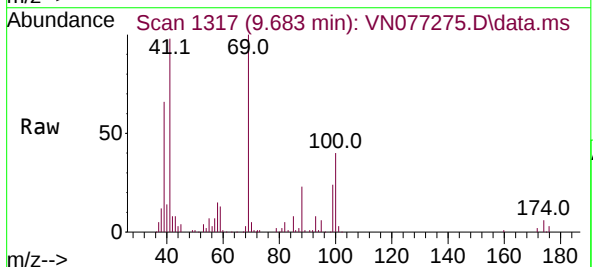
Tgt Ion: 88 Resp: 5615
Ion Ratio Lower Upper
88 100
43 23.5 17.4 26.0
58 59.4 48.2 72.4

Manual Integrations
APPROVED

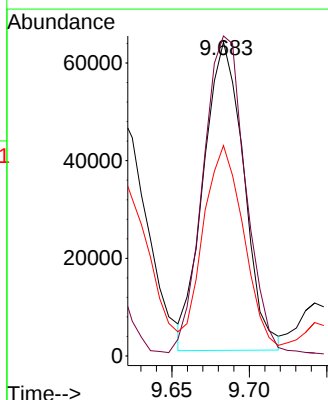
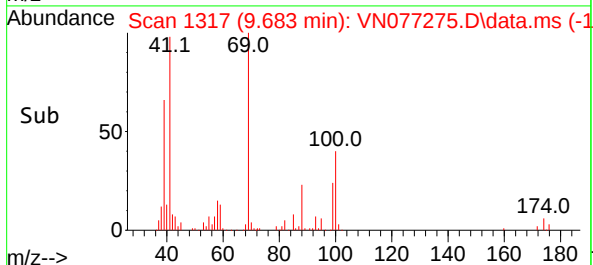
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

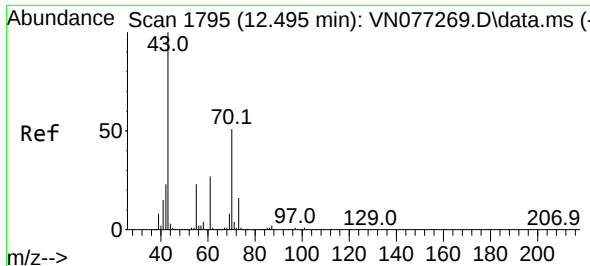


#46
Methyl methacrylate
Concen: 18.594 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



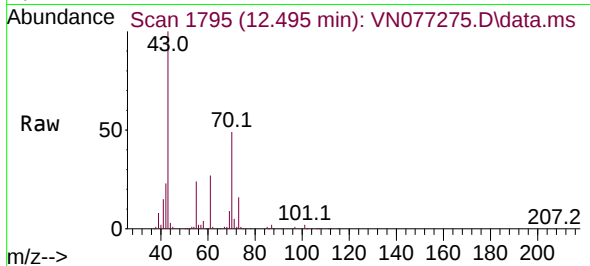
Tgt Ion: 41 Resp: 114119
Ion Ratio Lower Upper
41 100
69 105.8 54.5 163.5
39 67.8 33.4 100.2





#47
n-amy1 Acetate
Concen: 19.167 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

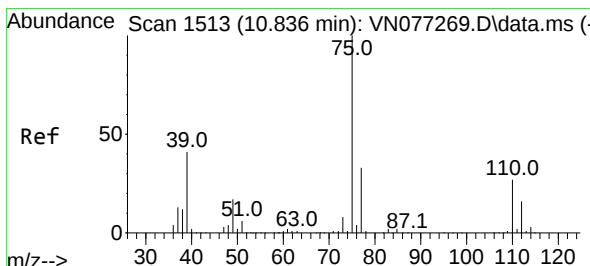
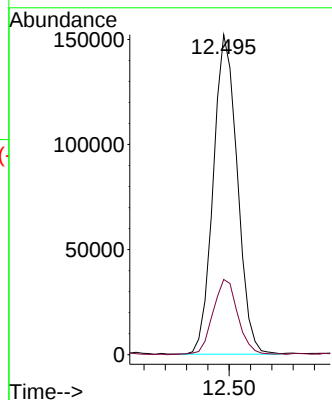
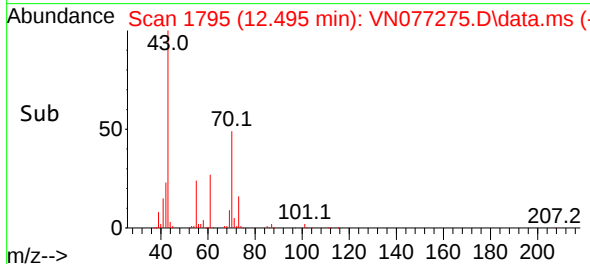
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



Tgt Ion: 43 Resp: 238760
Ion Ratio Lower Upper
43 100
55 24.4 19.4 29.0

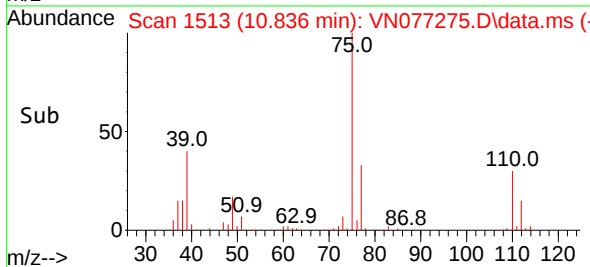
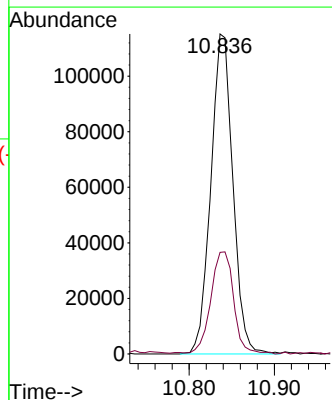
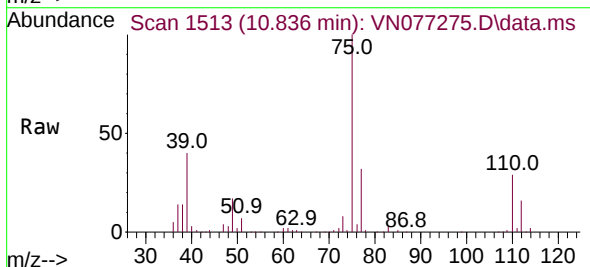
Manual Integrations
APPROVED

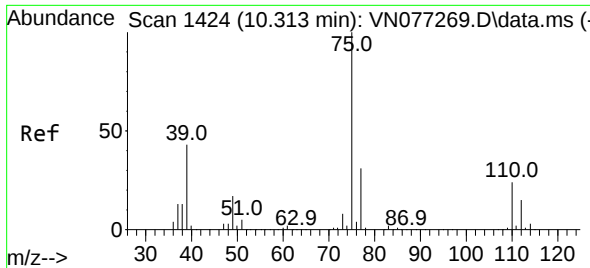
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#48
t-1,3-Dichloropropene
Concen: 18.416 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

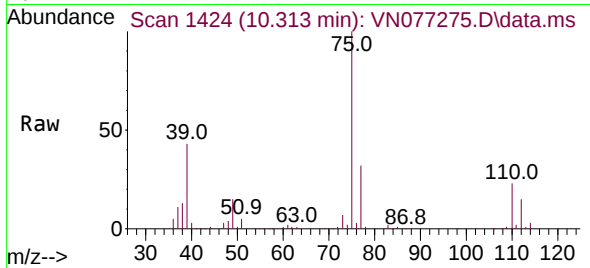
Tgt Ion: 75 Resp: 206970
Ion Ratio Lower Upper
75 100
77 31.6 26.5 39.7





#49
 cis-1,3-Dichloropropene
 Concen: 18.855 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077275.D
 Acq: 07 Apr 2023 13:13

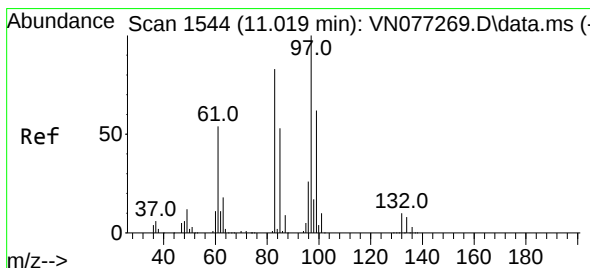
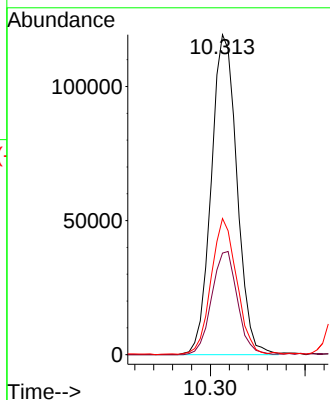
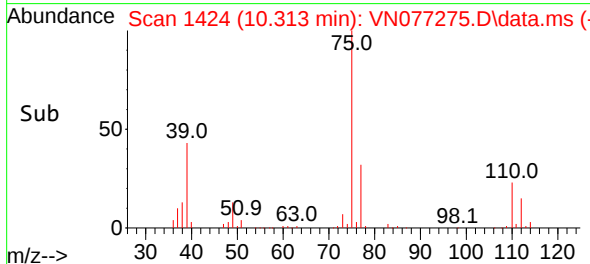
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN040723



Tgt Ion: 75 Resp: 225433
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6
 39 42.4 34.4 51.6

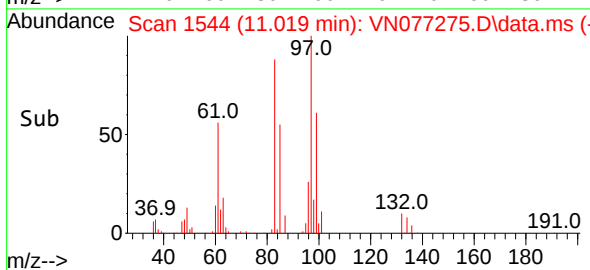
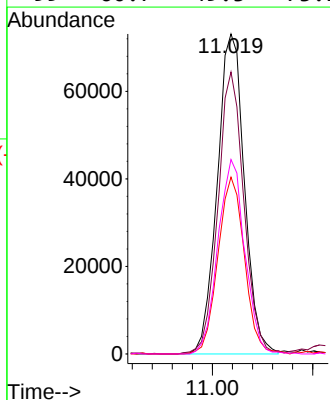
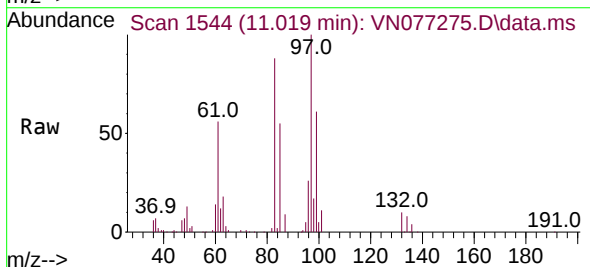
Manual Integrations
 APPROVED

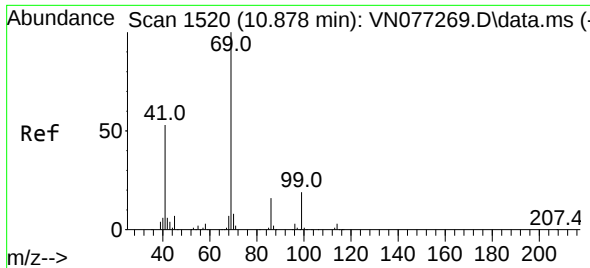
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#50
 1,1,2-Trichloroethane
 Concen: 18.741 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077275.D
 Acq: 07 Apr 2023 13:13

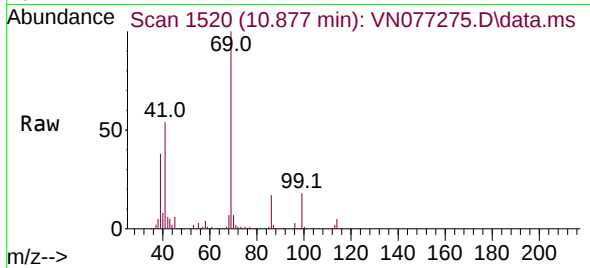
Tgt Ion: 97 Resp: 137093
 Ion Ratio Lower Upper
 97 100
 83 88.1 66.7 100.1
 85 55.3 42.4 63.6
 99 60.7 49.3 73.9





#51
Ethyl methacrylate
Concen: 19.164 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

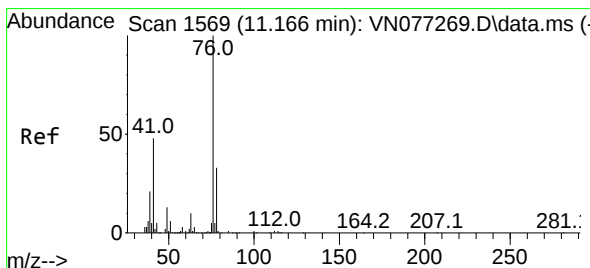
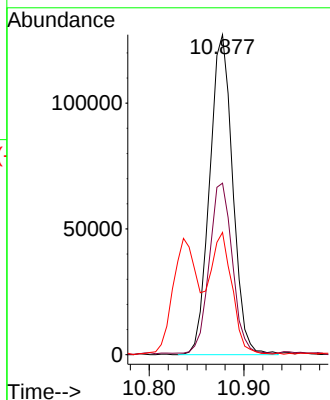
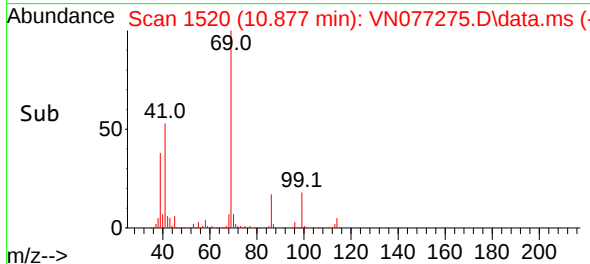
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



Tgt Ion: 69 Resp: 21528
Ion Ratio Lower Upper
69 100
41 53.1 26.7 80.0
39 37.7 17.0 50.9

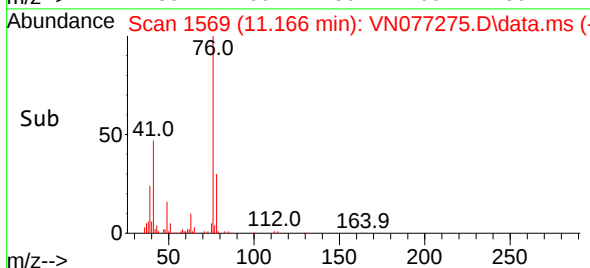
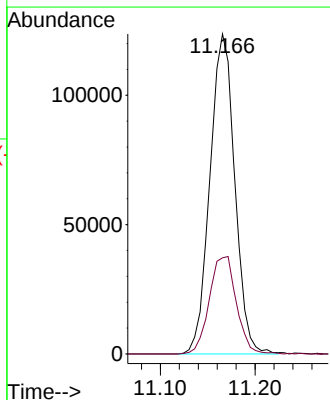
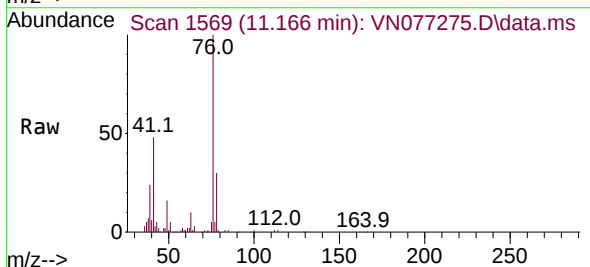
Manual Integrations
APPROVED

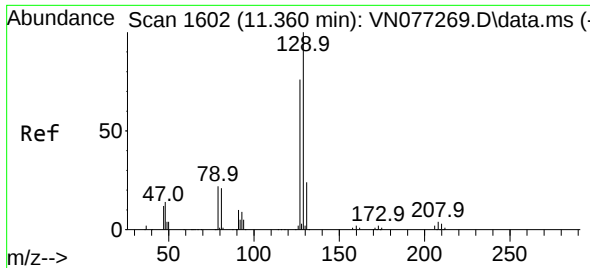
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#52
1,3-Dichloropropane
Concen: 18.459 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

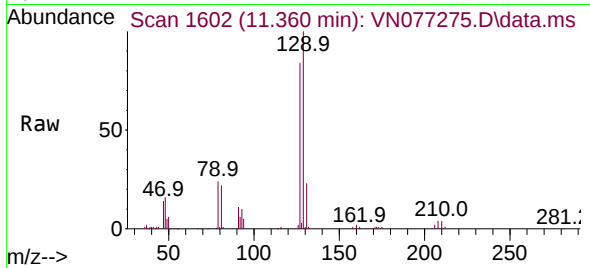
Tgt Ion: 76 Resp: 225366
Ion Ratio Lower Upper
76 100
78 33.2 0.0 65.0





#53
Dibromochloromethane
Concen: 18.509 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

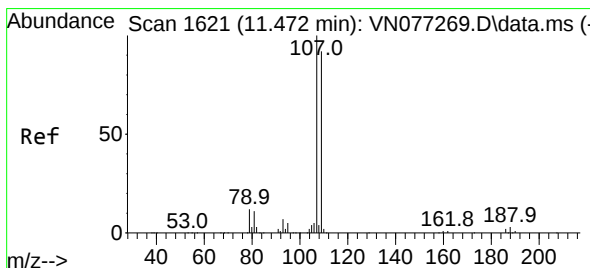
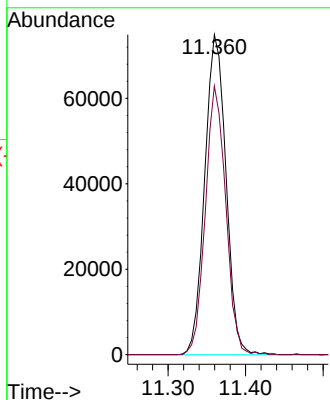
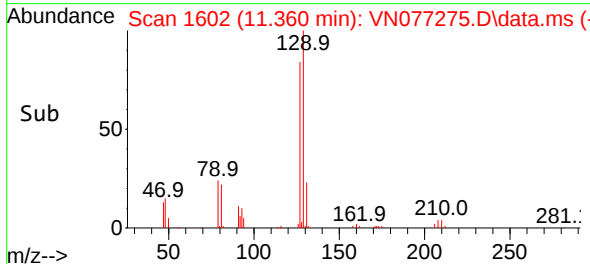
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



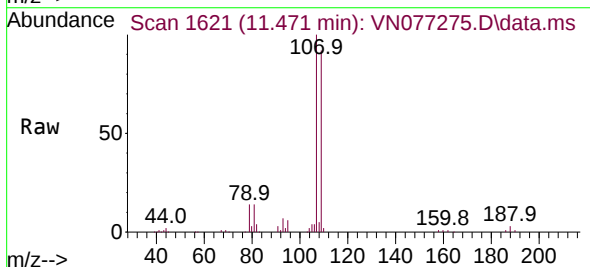
Tgt Ion:129 Resp: 142700
Ion Ratio Lower Upper
129 100
127 80.2 38.6 115.8

Manual Integrations
APPROVED

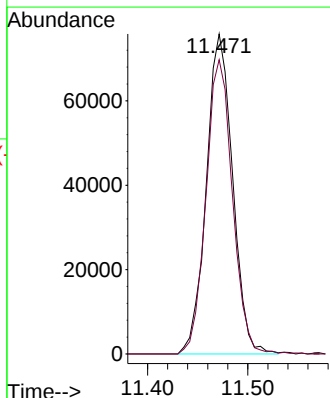
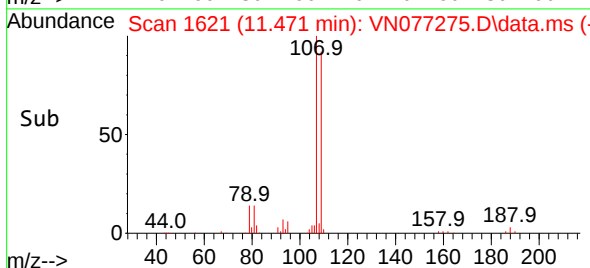
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

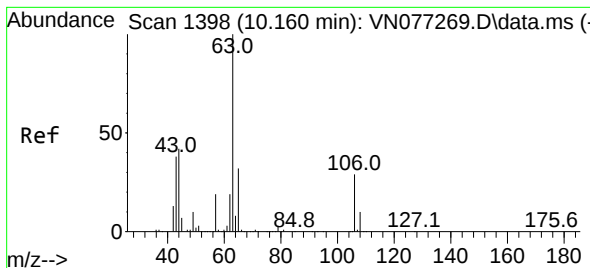


#54
1,2-Dibromoethane
Concen: 18.852 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



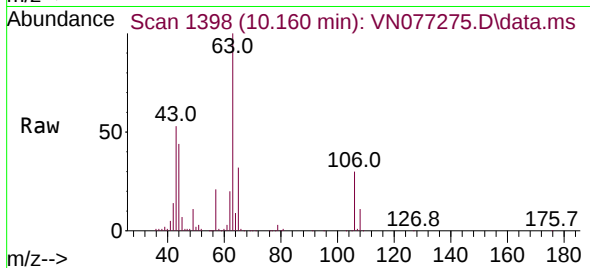
Tgt Ion:107 Resp: 138436
Ion Ratio Lower Upper
107 100
109 92.4 74.1 111.1





#55
2-Chloroethyl vinyl ether
Concen: 84.798 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

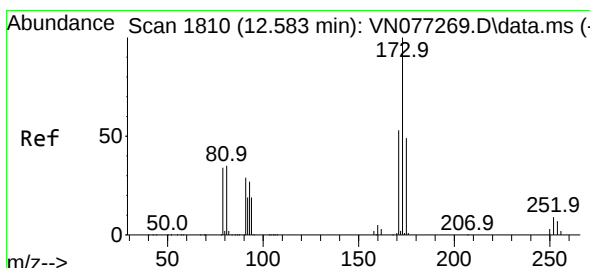
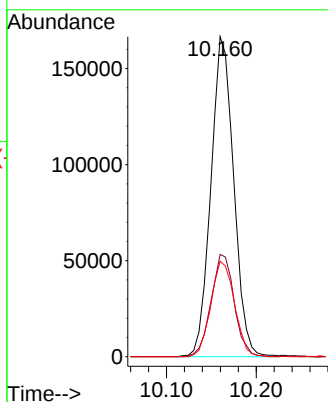
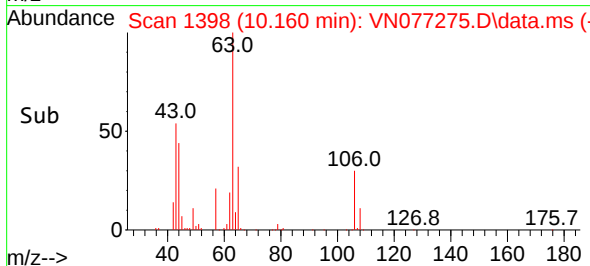
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



Tgt Ion: 63 Resp: 294104
Ion Ratio Lower Upper
63 100
65 32.4 25.7 38.5
106 30.8 24.0 36.0

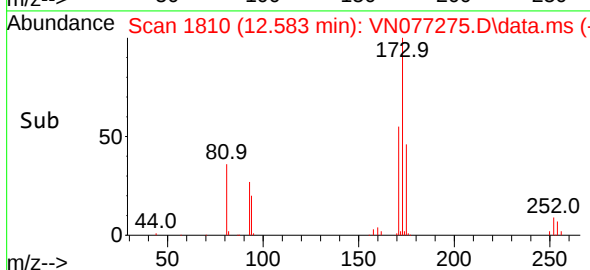
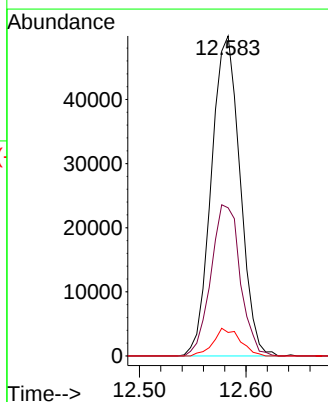
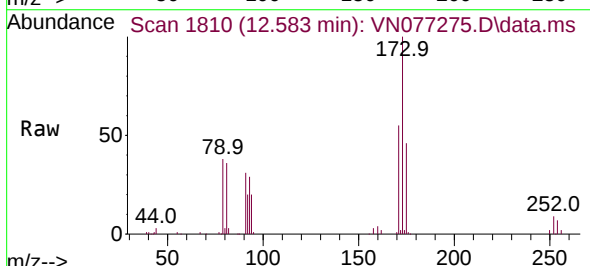
Manual Integrations
APPROVED

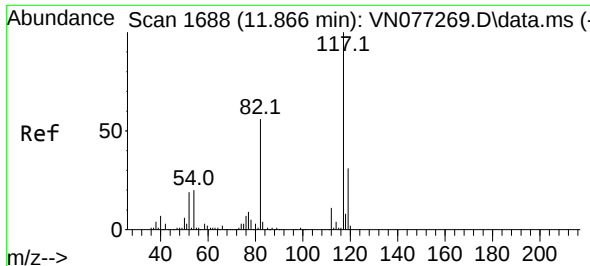
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#56
Bromoform
Concen: 18.007 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

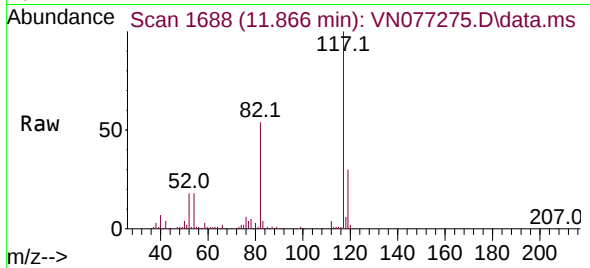
Tgt Ion:173 Resp: 93256
Ion Ratio Lower Upper
173 100
175 48.2 38.2 57.2
254 8.1 6.0 9.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

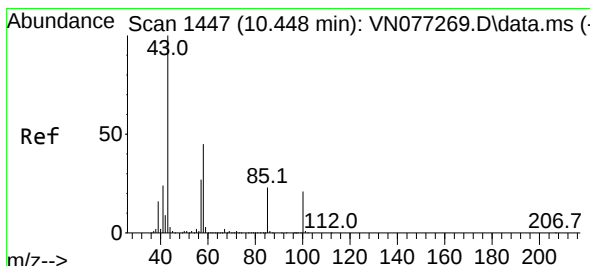
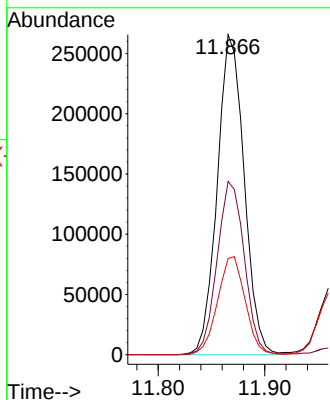
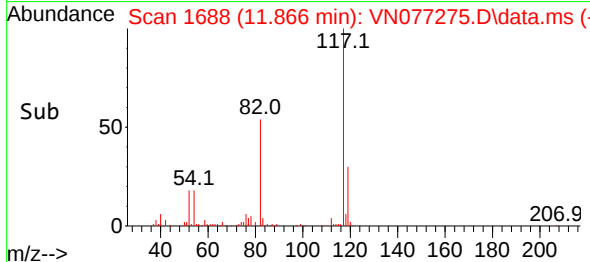
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



Tgt Ion: 117 Resp: 46521
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 31.5 25.4 38.0

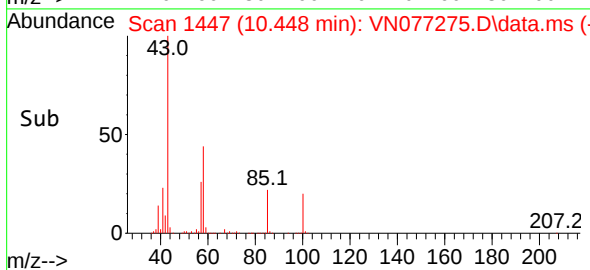
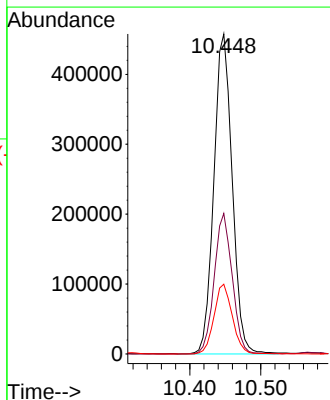
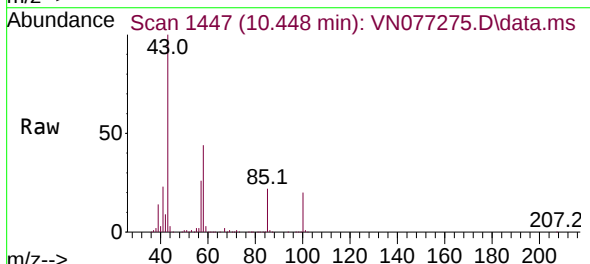
Manual Integrations
APPROVED

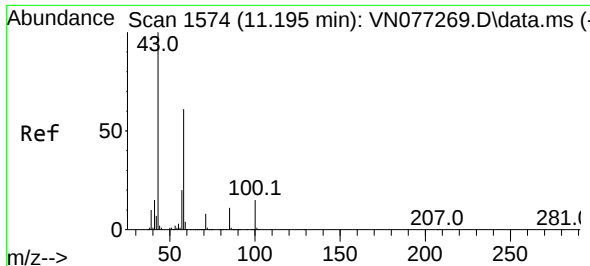
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#58
4-Methyl-2-Pentanone
Concen: 94.074 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

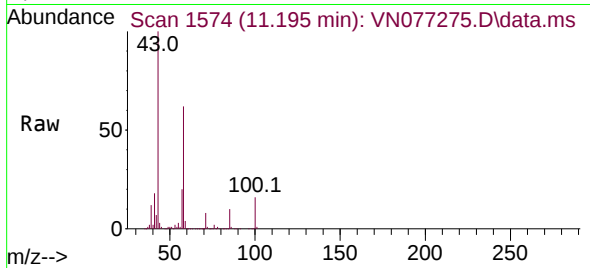
Tgt Ion: 43 Resp: 819425
Ion Ratio Lower Upper
43 100
58 43.1 34.7 52.1
85 21.8 17.8 26.8





#59
2-Hexanone
Concen: 91.820 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

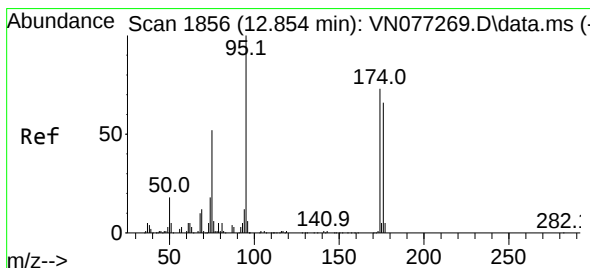
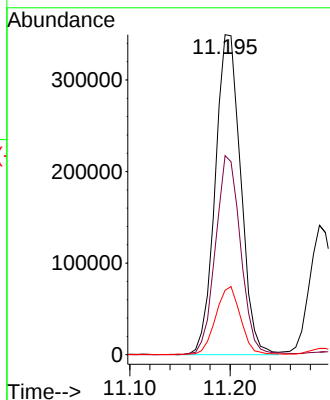
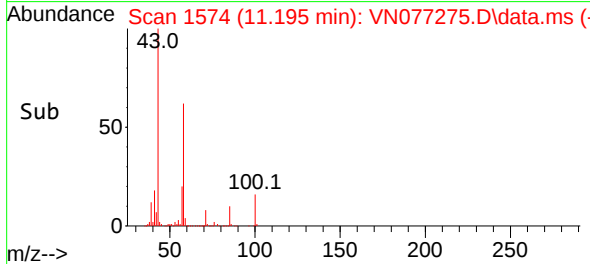
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



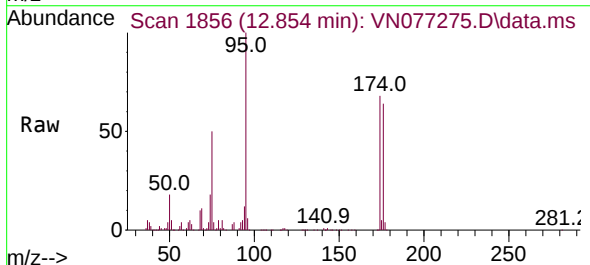
Tgt Ion: 43 Resp: 618208
Ion Ratio Lower Upper
43 100
58 61.4 48.6 73.0
57 20.7 16.7 25.1

Manual Integrations
APPROVED

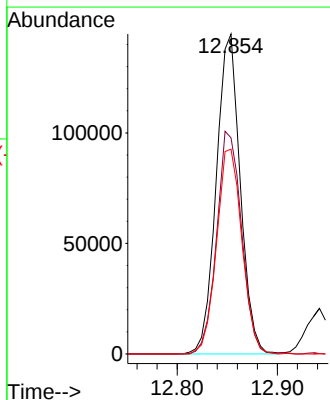
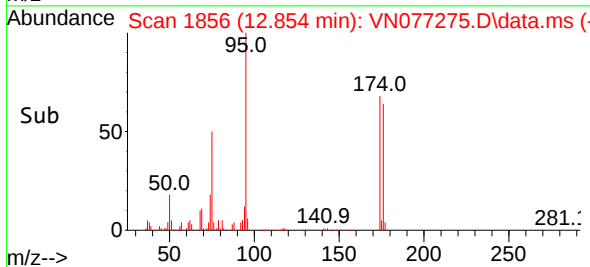
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

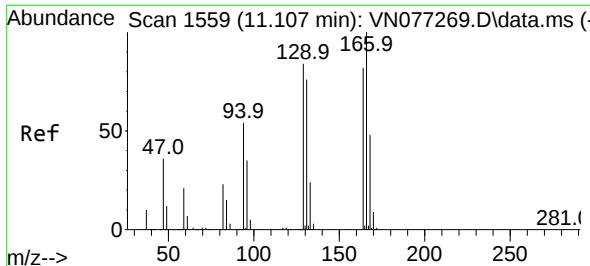


#60
4-Bromofluorobenzene
Concen: 29.829 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



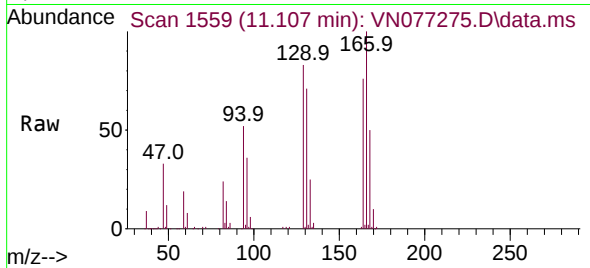
Tgt Ion: 95 Resp: 239953
Ion Ratio Lower Upper
95 100
174 72.3 57.8 86.8
176 67.8 54.6 81.8





#61
Tetrachloroethene
Concen: 18.729 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

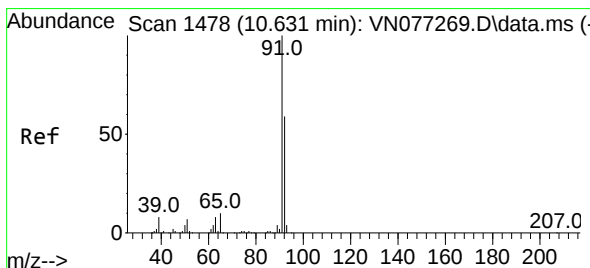
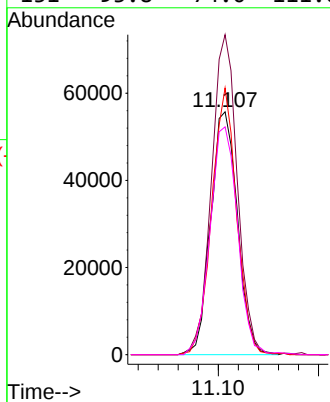
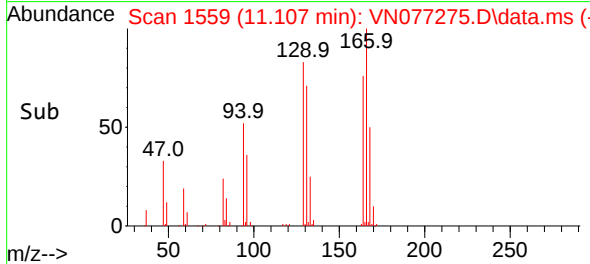
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



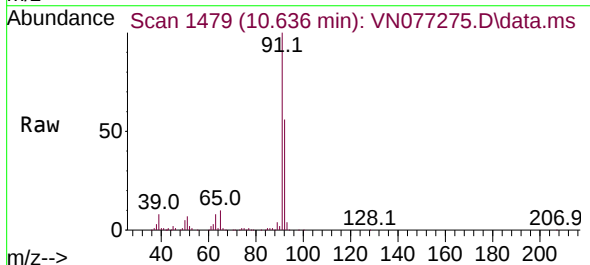
Tgt Ion:164 Resp: 103634
Ion Ratio Lower Upper
164 100
166 131.8 97.9 146.9
129 109.9 82.5 123.7
131 93.8 74.0 111.0

Manual Integrations
APPROVED

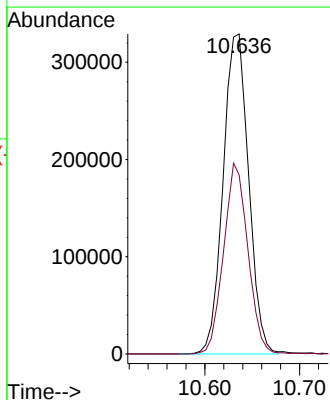
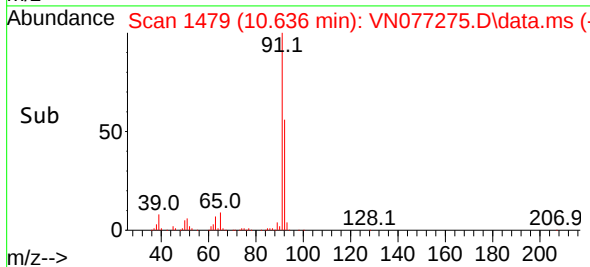
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

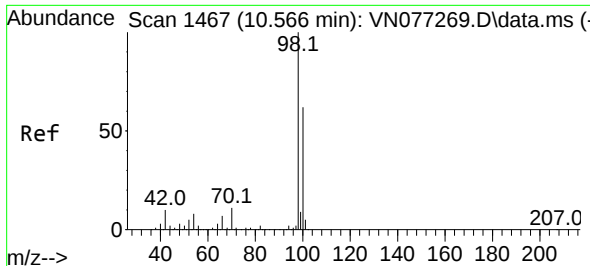


#62
Toluene
Concen: 18.943 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



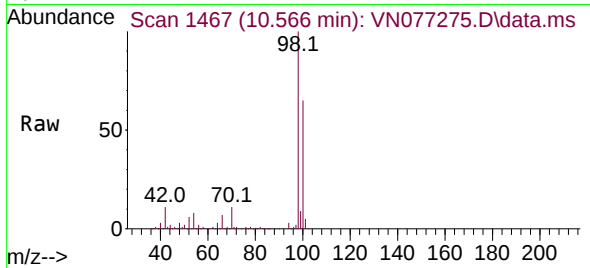
Tgt Ion: 91 Resp: 614861
Ion Ratio Lower Upper
91 100
92 56.8 46.6 70.0





#63
Toluene-d8
Concen: 30.035 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

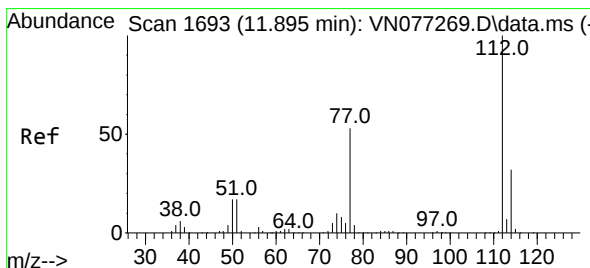
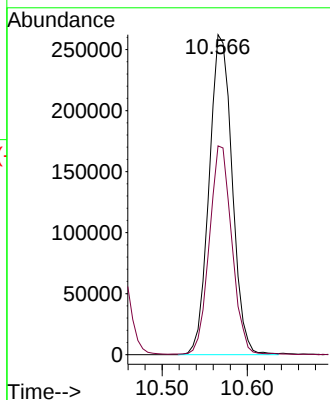
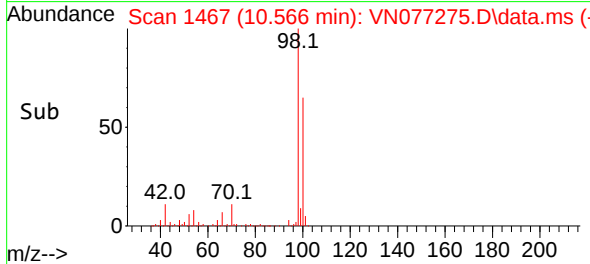
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



Tgt Ion: 98 Resp: 491199
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.2

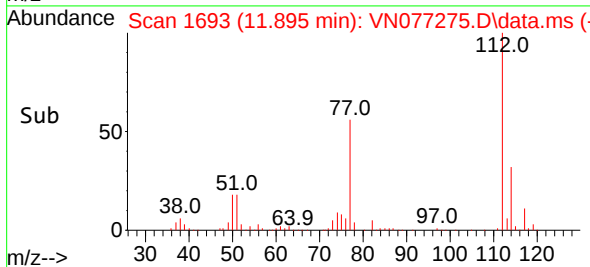
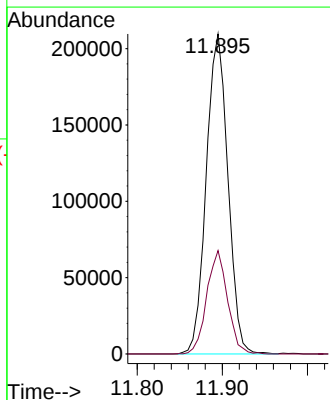
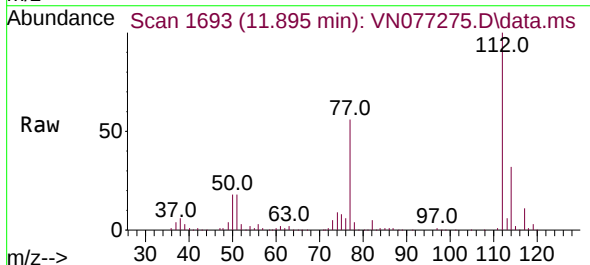
Manual Integrations
APPROVED

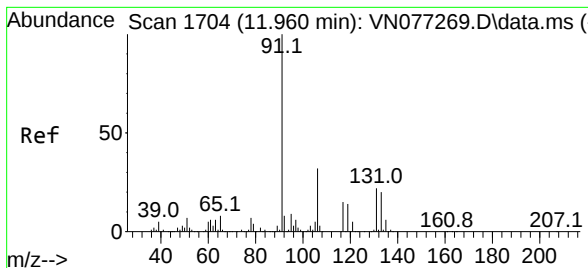
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#64
Chlorobenzene
Concen: 18.805 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

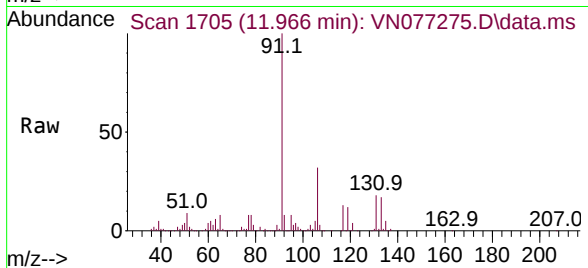
Tgt Ion:112 Resp: 370830
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 18.725 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

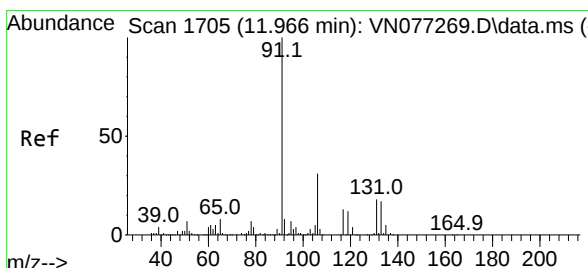
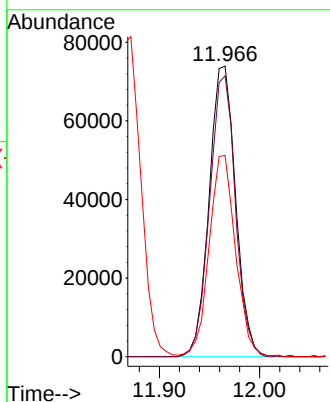
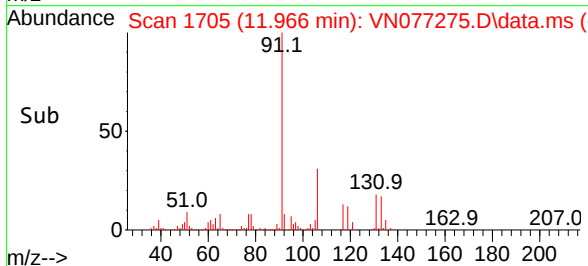
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



Tgt Ion:131 Resp: 13578
Ion Ratio Lower Upper
131 100
133 94.3 0.0 184.4
119 69.1 0.0 134.8

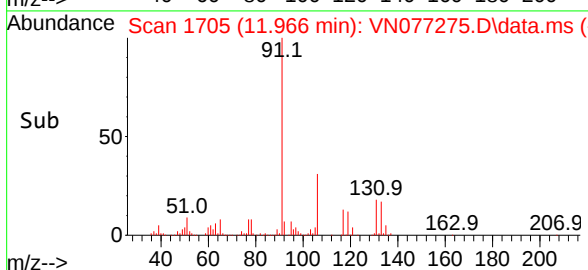
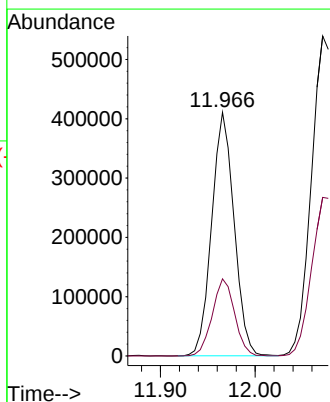
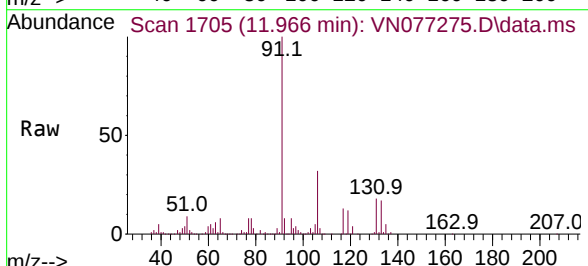
Manual Integrations
APPROVED

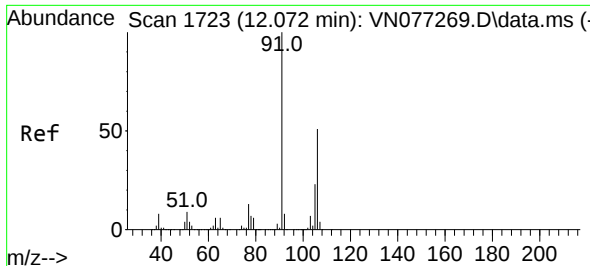
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#66
Ethyl Benzene
Concen: 18.780 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

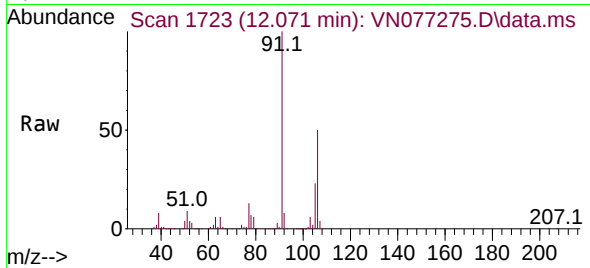
Tgt Ion: 91 Resp: 675328
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6





#67
m/p-Xylenes
Concen: 37.144 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

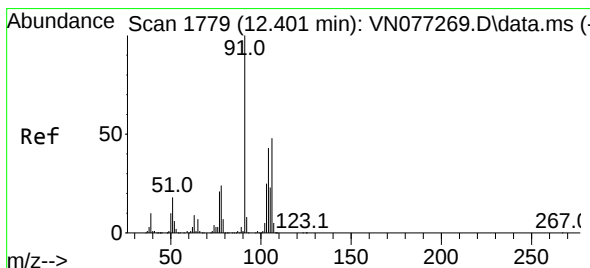
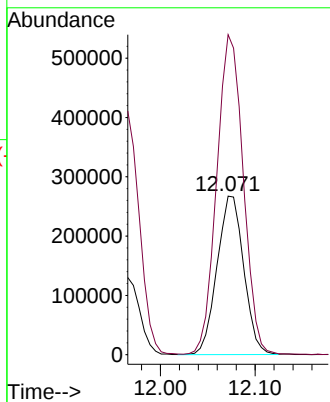
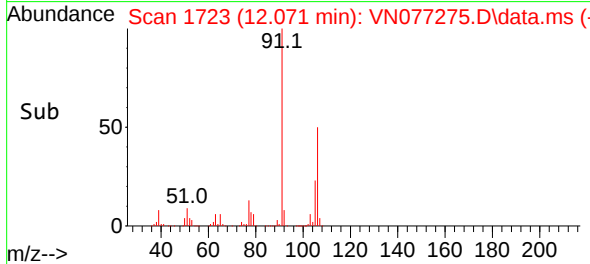
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



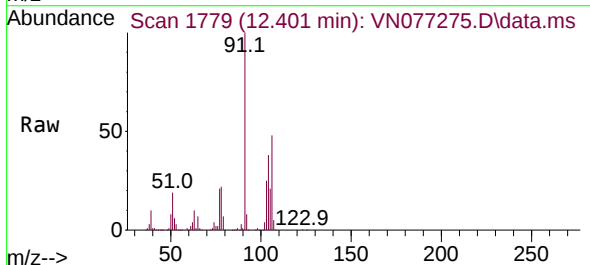
Tgt Ion:106 Resp: 523562
Ion Ratio Lower Upper
106 100
91 199.9 158.0 237.0

Manual Integrations
APPROVED

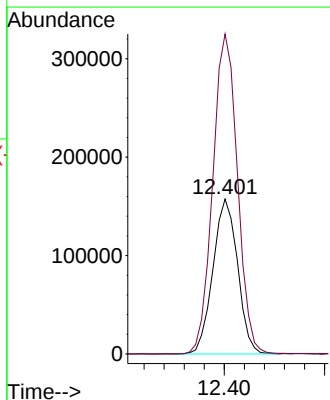
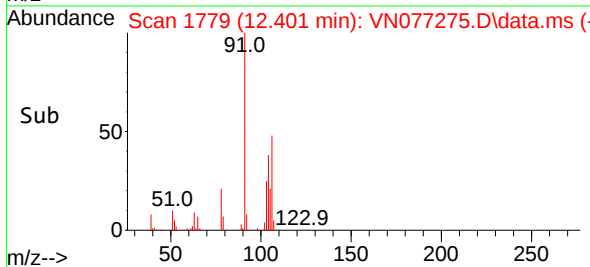
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

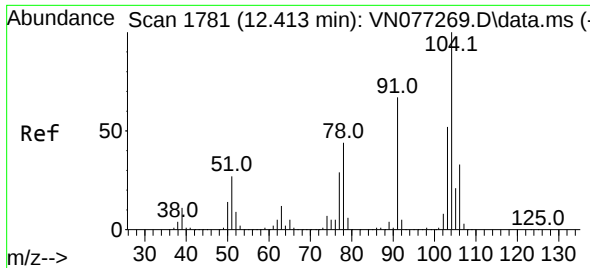


#68
o-Xylene
Concen: 19.047 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



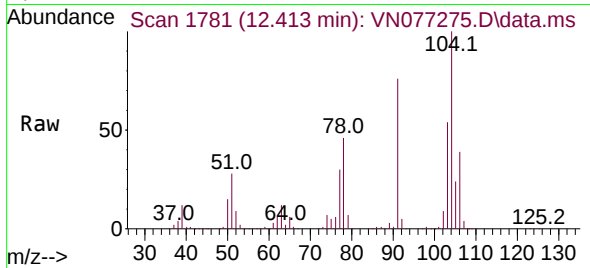
Tgt Ion:106 Resp: 268582
Ion Ratio Lower Upper
106 100
91 206.4 103.6 310.8





#69
Styrene
Concen: 18.819 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

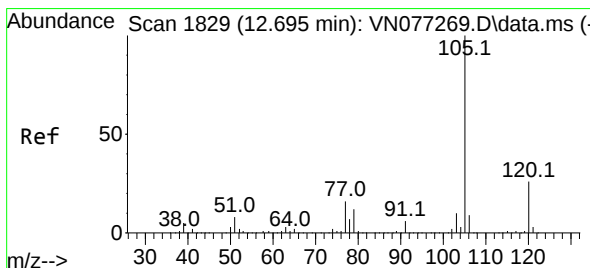
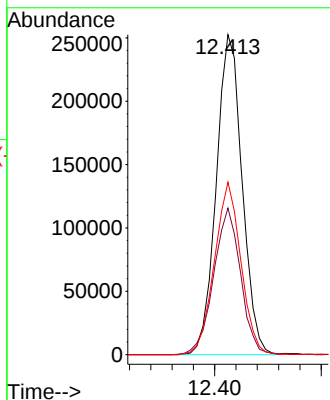
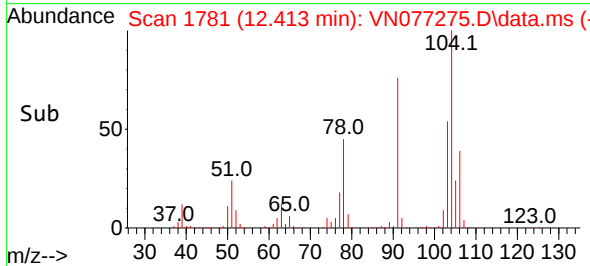
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



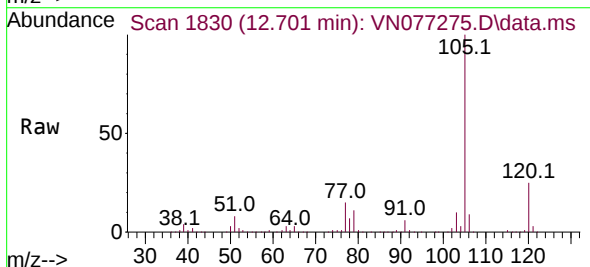
Tgt Ion:104 Resp: 425159
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.4
103 55.1 43.6 65.4

Manual Integrations
APPROVED

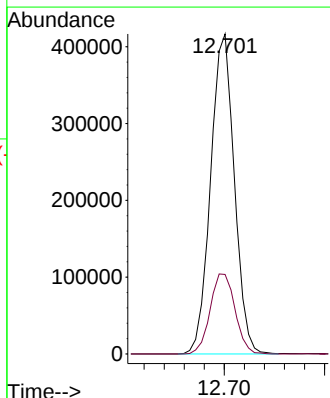
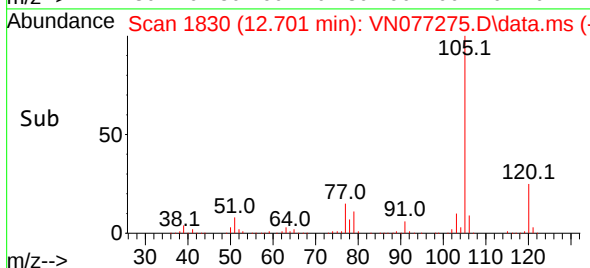
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

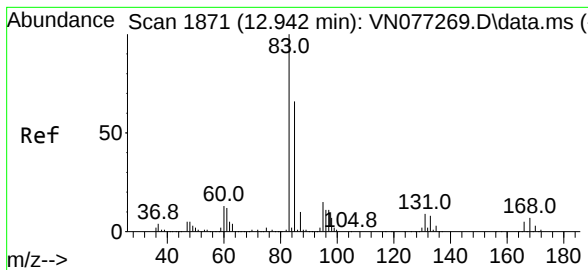


#70
Isopropylbenzene
Concen: 19.126 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



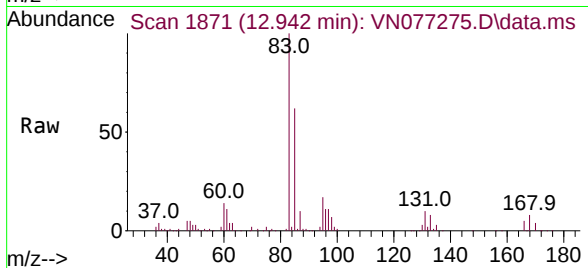
Tgt Ion:105 Resp: 684456
Ion Ratio Lower Upper
105 100
120 26.2 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 18.789 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

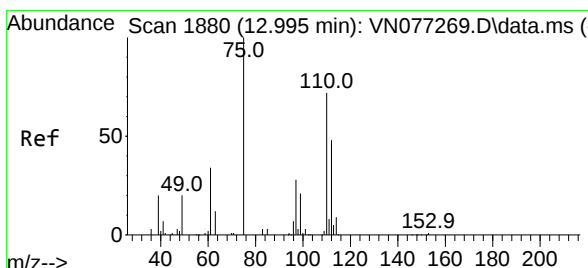
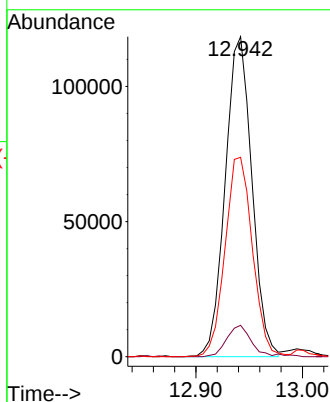
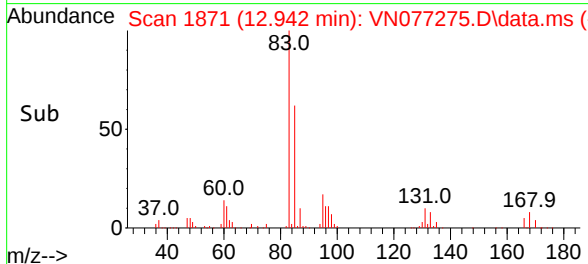
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



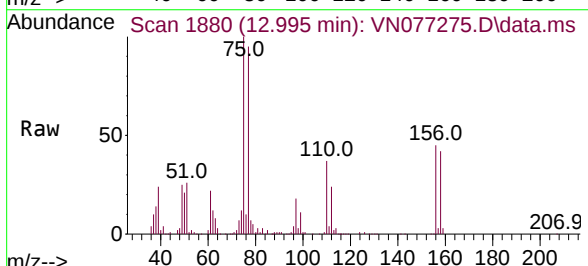
Tgt Ion: 83 Resp: 205912
Ion Ratio Lower Upper
83 100
131 8.8 4.7 14.0
85 64.1 32.3 96.8

Manual Integrations
APPROVED

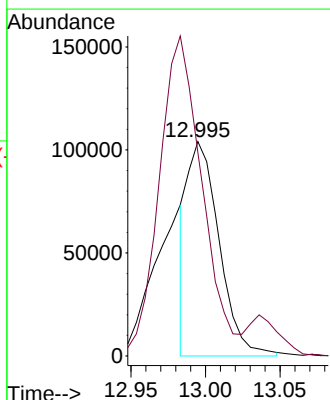
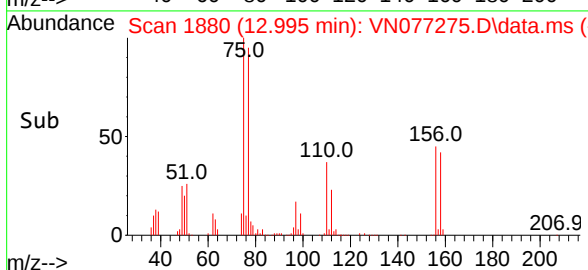
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

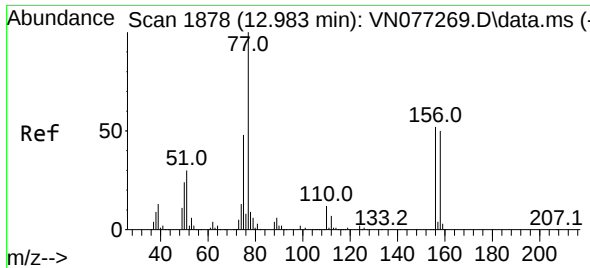


#72
1,2,3-Trichloropropane
Concen: 20.708 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



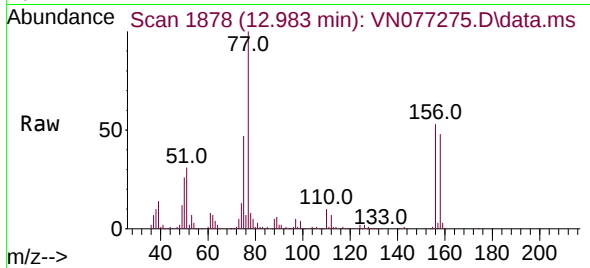
Tgt Ion: 75 Resp: 154268
Ion Ratio Lower Upper
75 100
77 201.4 0.0 434.2





#73
Bromobenzene
Concen: 19.611 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

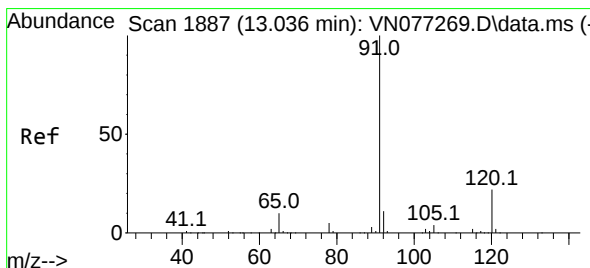
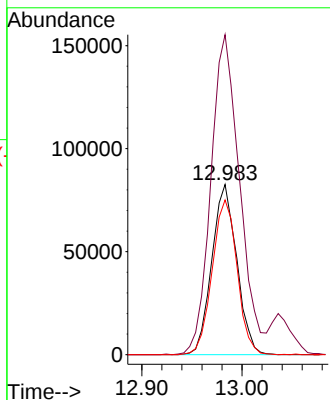
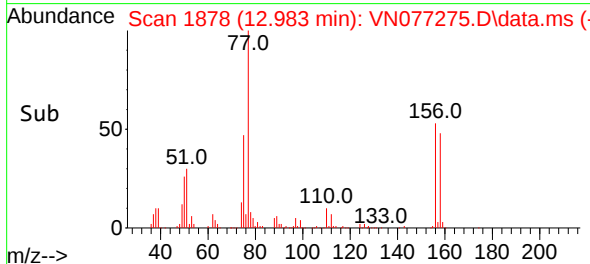
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



Tgt Ion:156 Resp: 142590
Ion Ratio Lower Upper
156 100
77 217.9 0.0 456.6
158 90.8 0.0 195.6

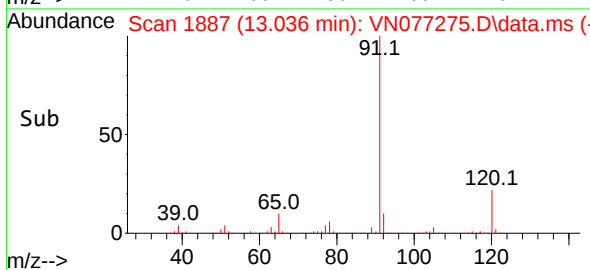
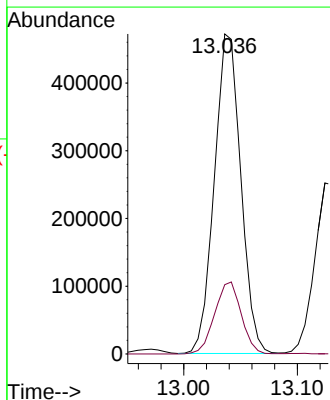
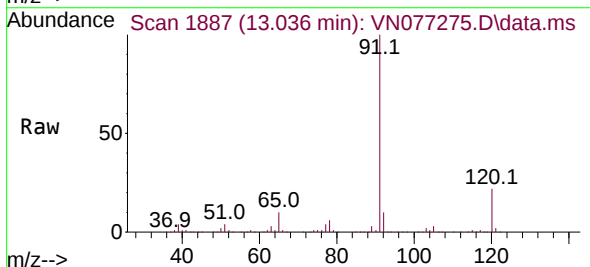
Manual Integrations
APPROVED

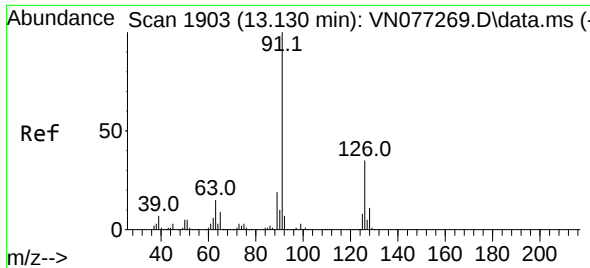
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#74
n-propylbenzene
Concen: 19.289 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

Tgt Ion: 91 Resp: 763745
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.6





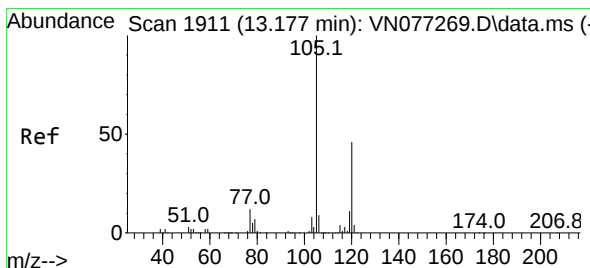
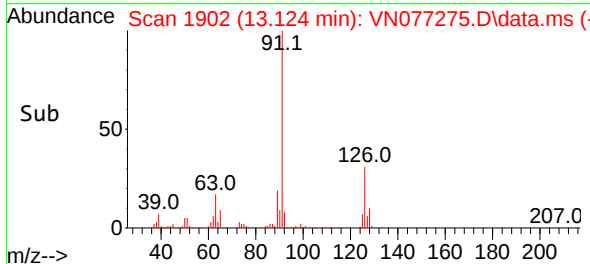
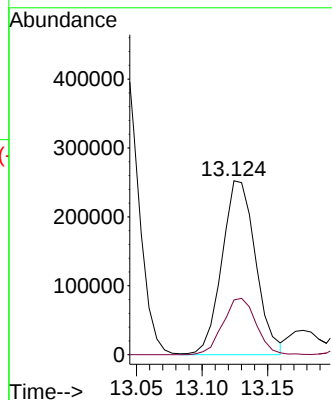
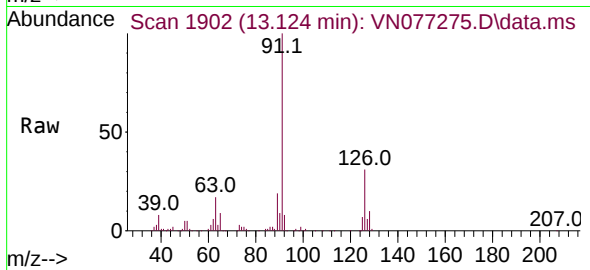
#75
2-Chlorotoluene
Concen: 19.031 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723

Tgt Ion: 91 Resp: 45141
Ion Ratio Lower Upper
91 100
126 31.9 0.0 67.0

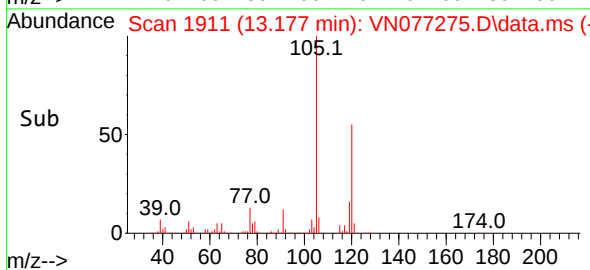
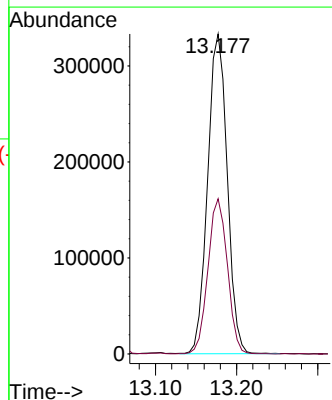
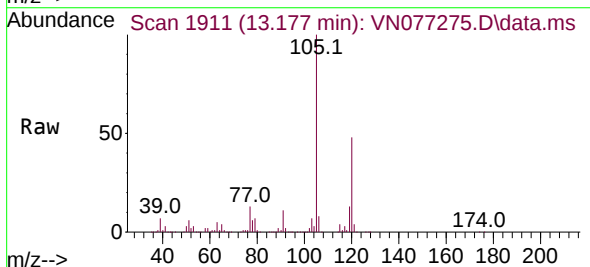
Manual Integrations
APPROVED

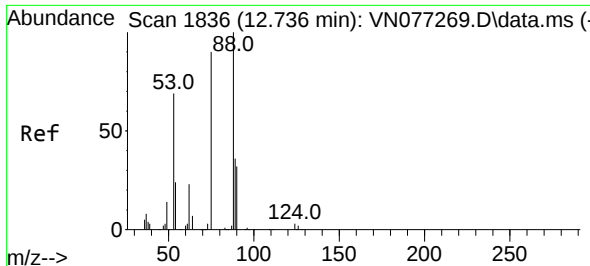
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.119 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

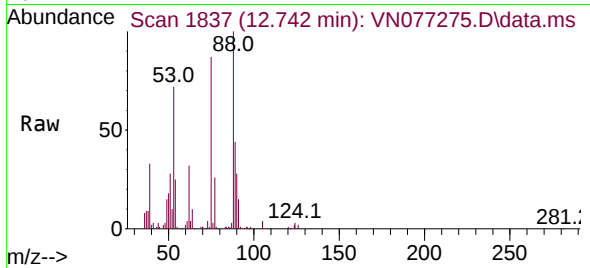
Tgt Ion:105 Resp: 556894
Ion Ratio Lower Upper
105 100
120 48.2 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.275 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

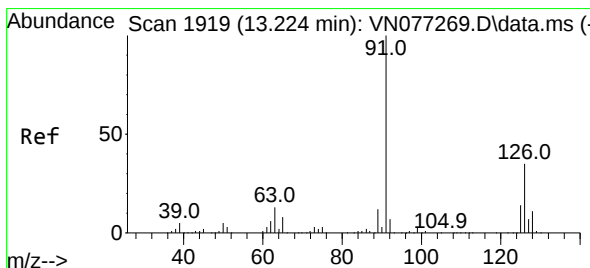
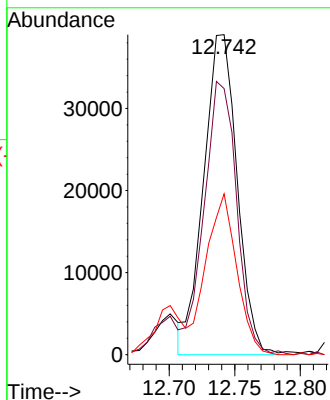
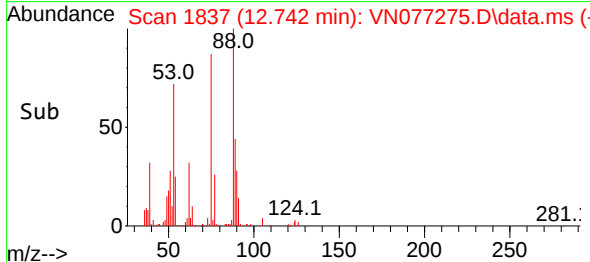
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



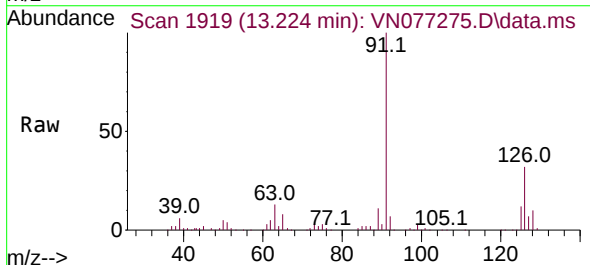
Tgt Ion: 75 Resp: 69345
Ion Ratio Lower Upper
75 100
53 82.4 38.8 116.4
89 50.5 23.2 69.6

Manual Integrations
APPROVED

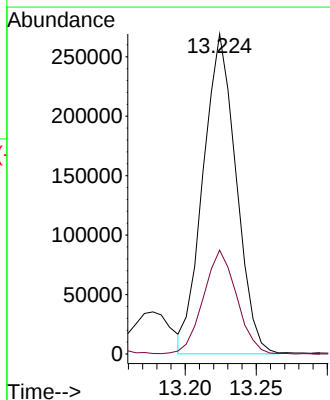
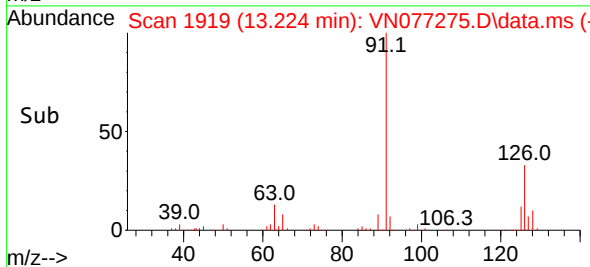
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

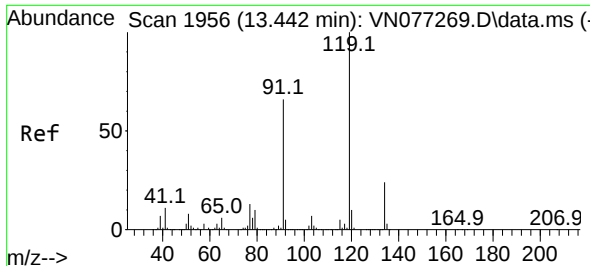


#78
4-Chlorotoluene
Concen: 19.429 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



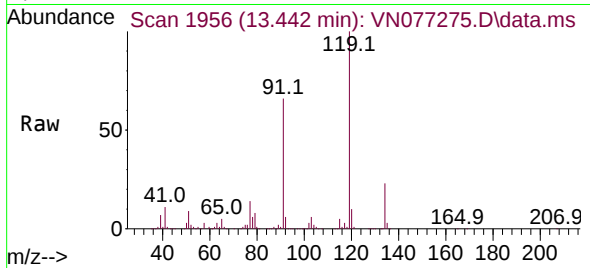
Tgt Ion: 91 Resp: 435461
Ion Ratio Lower Upper
91 100
126 32.7 0.0 67.4





#79
tert-butylbenzene
Concen: 19.101 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

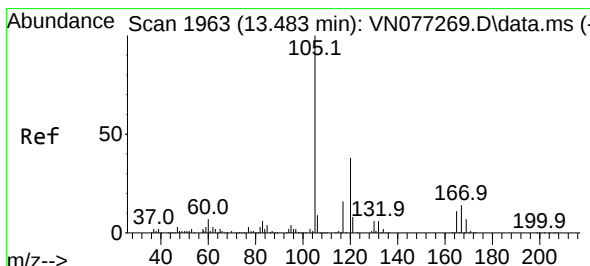
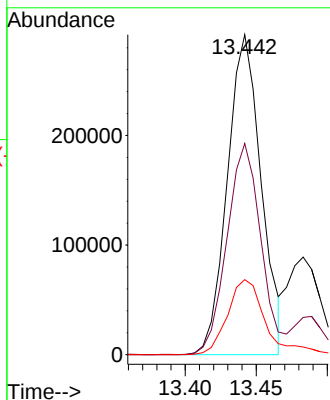
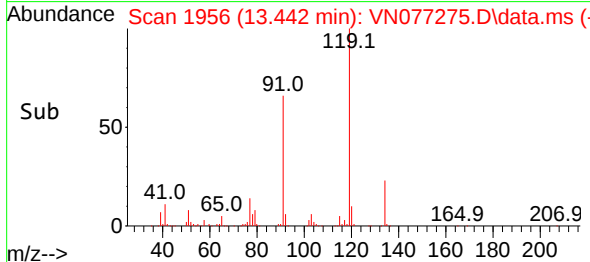
Instrument : MSVOA_N
ClientSampleId : ICVVN040723



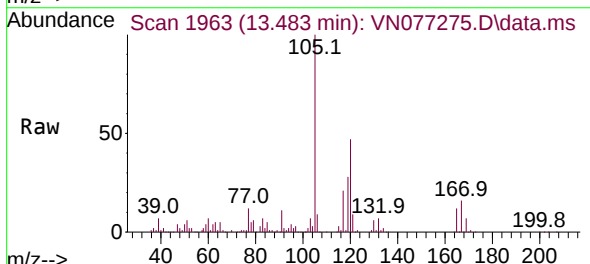
Tgt Ion:119 Resp: 484197
Ion Ratio Lower Upper
119 100
91 66.6 0.0 131.0
134 26.3 0.0 49.8

Manual Integrations
APPROVED

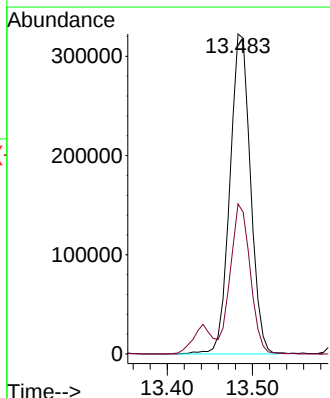
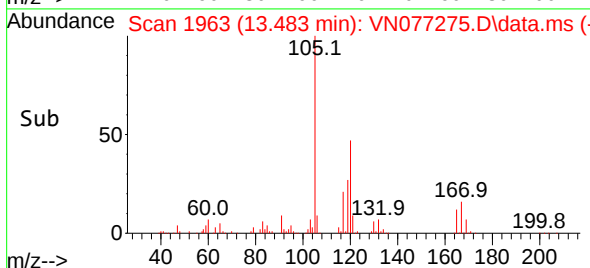
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

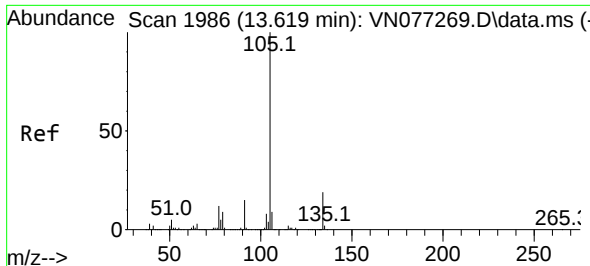


#80
1,2,4-Trimethylbenzene
Concen: 19.094 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



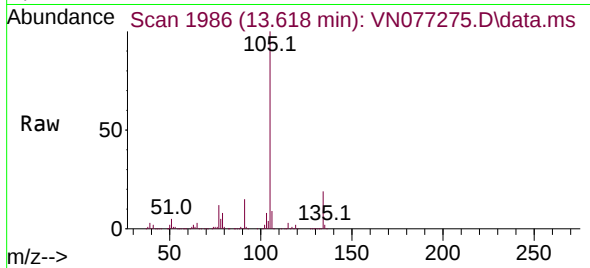
Tgt Ion:105 Resp: 542148
Ion Ratio Lower Upper
105 100
120 45.0 0.0 91.0





#81
 sec-Butylbenzene
 Concen: 19.053 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077275.D
 Acq: 07 Apr 2023 13:13

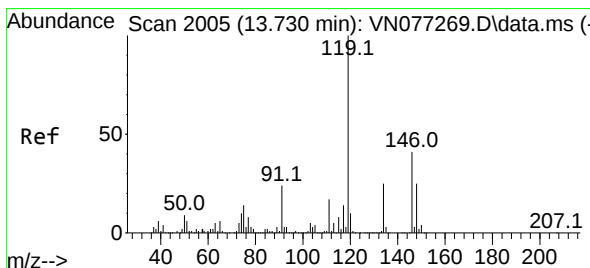
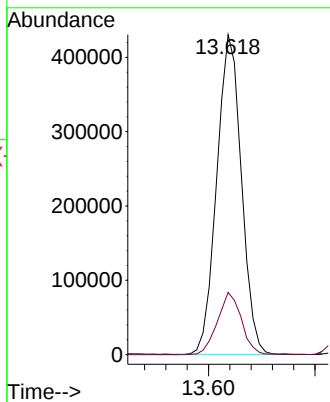
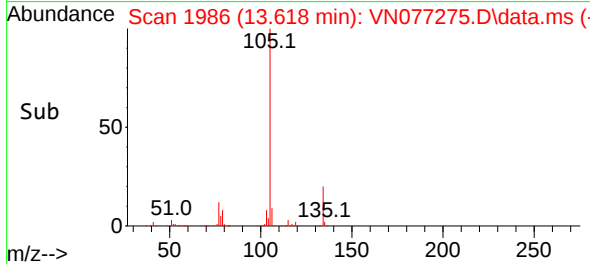
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN040723



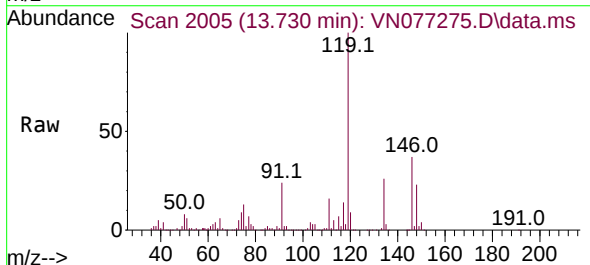
Tgt Ion:105 Resp: 689800
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.6

Manual Integrations
 APPROVED

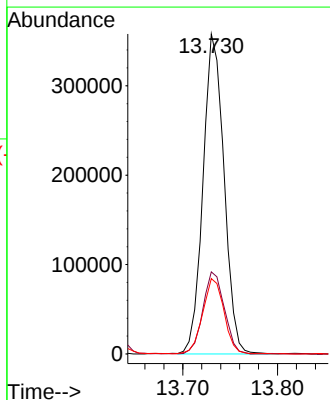
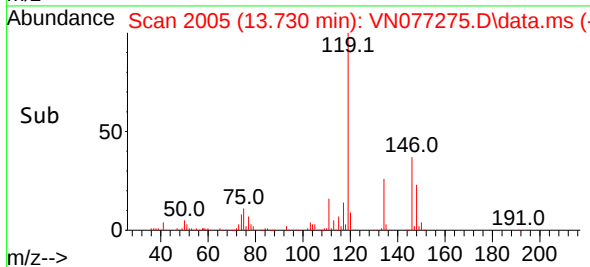
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023

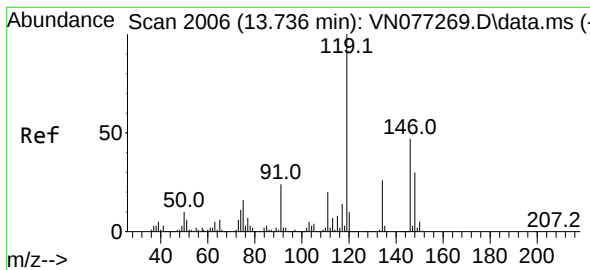


#82
 p-Isopropyltoluene
 Concen: 18.992 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077275.D
 Acq: 07 Apr 2023 13:13



Tgt Ion:119 Resp: 550867
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.0
 91 23.8 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 18.722 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077275.D

Acq: 07 Apr 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040723

Tgt Ion:146 Resp: 258090

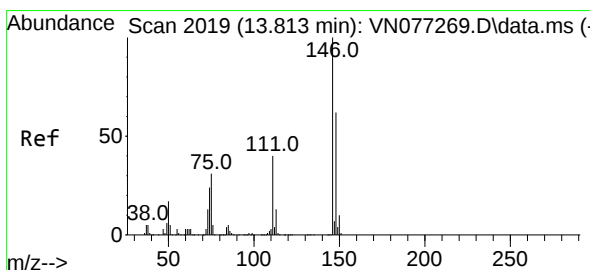
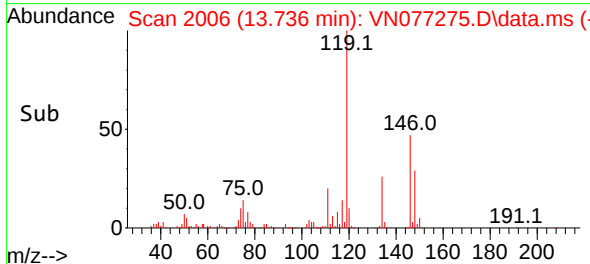
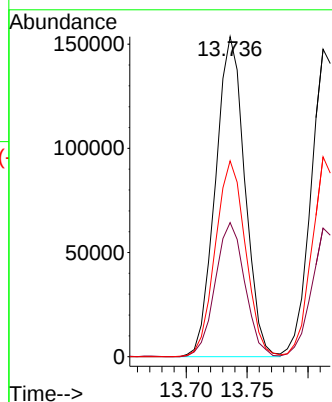
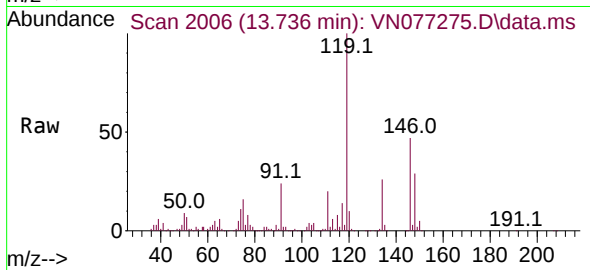
Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.4	64.2
148	62.8	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#84

1,4-Dichlorobenzene

Concen: 18.823 ug/l

RT: 13.812 min Scan# 2019

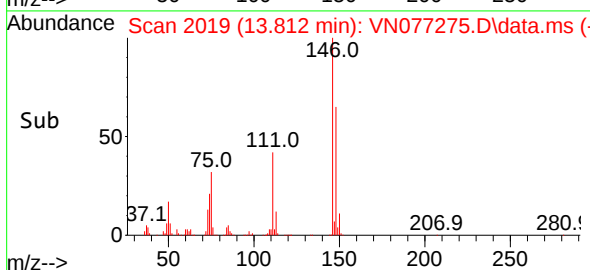
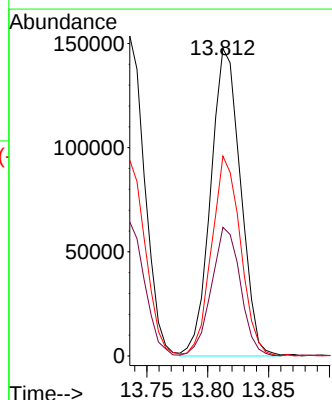
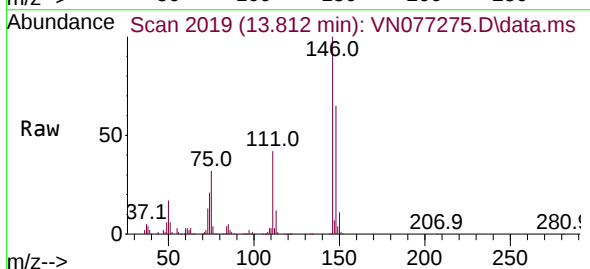
Delta R.T. -0.000 min

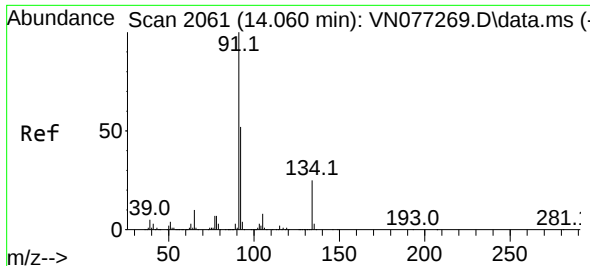
Lab File: VN077275.D

Acq: 07 Apr 2023 13:13

Tgt Ion:146 Resp: 251749

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	63.0	31.6	94.7





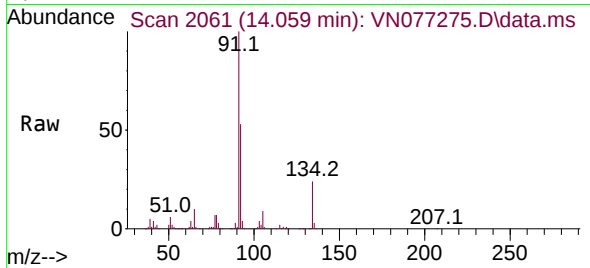
#85
n-Butylbenzene
Concen: 18.861 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040723



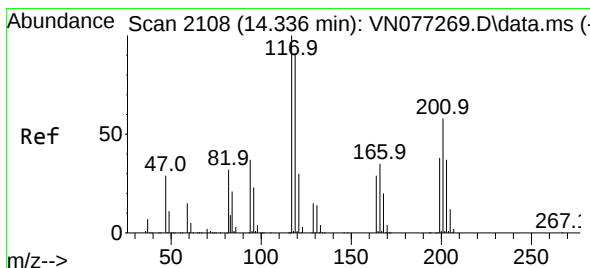
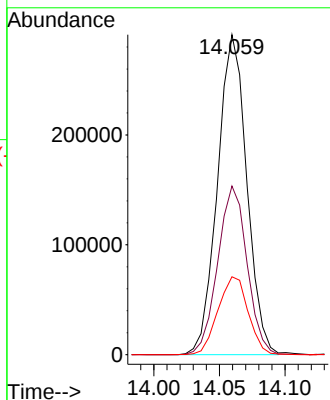
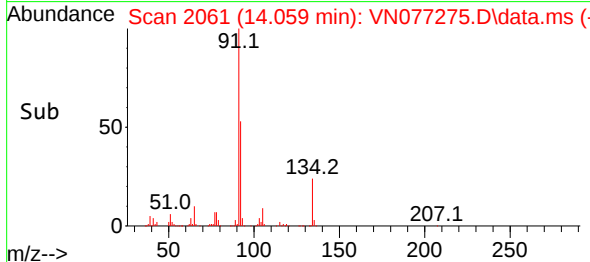
Tgt Ion: 91 Resp: 452054
Ion Ratio Lower Upper
91 100
92 52.8 0.0 105.6
134 25.1 0.0 49.4

Manual Integrations

APPROVED

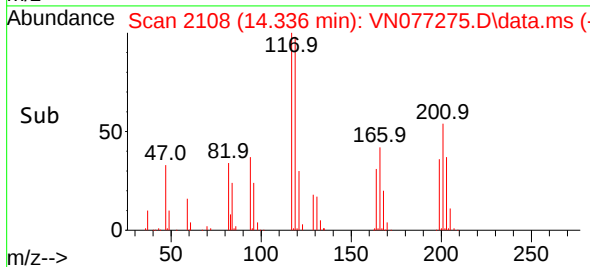
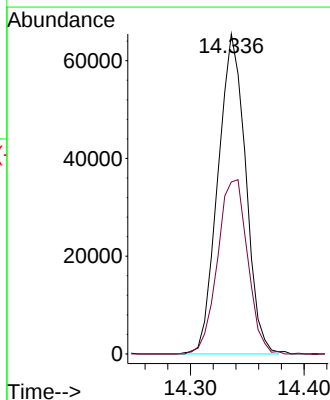
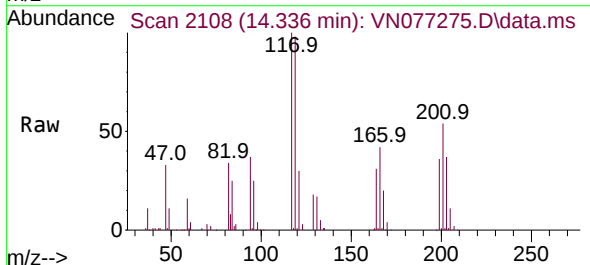
Reviewed By :John Carlone 04/10/2023

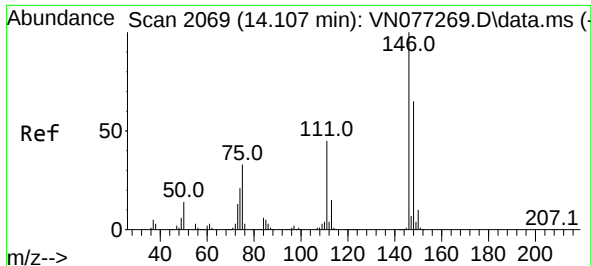
Supervised By :Semsettin Yesilyurt 04/10/2023



#86
Hexachloroethane
Concen: 17.967 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

Tgt Ion:117 Resp: 110857
Ion Ratio Lower Upper
117 100
201 59.1 29.1 87.4





#87

1,2-Dichlorobenzene

Concen: 18.953 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077275.D

Acq: 07 Apr 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040723

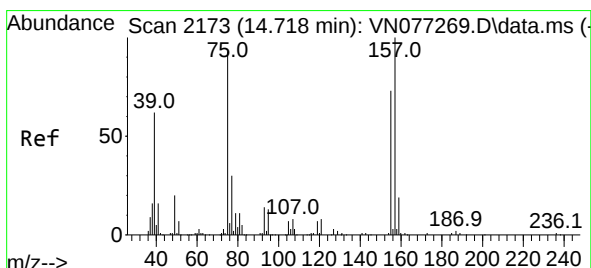
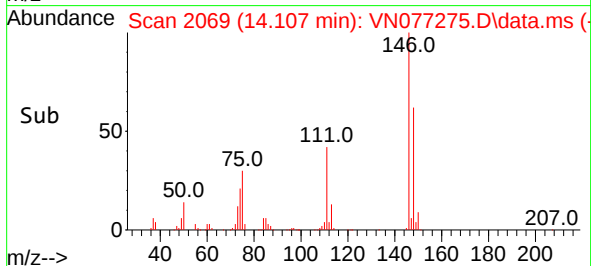
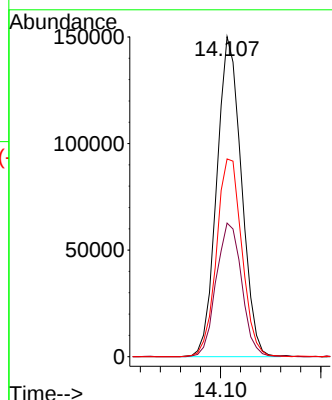
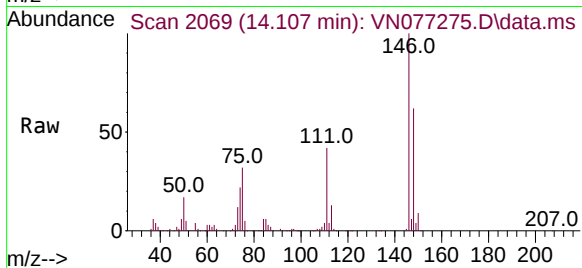
Tgt Ion:	146	Resp:	256010
Ion Ratio	Lower	Upper	
146	100		
111	43.0	22.1	66.5
148	63.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.488 ug/l

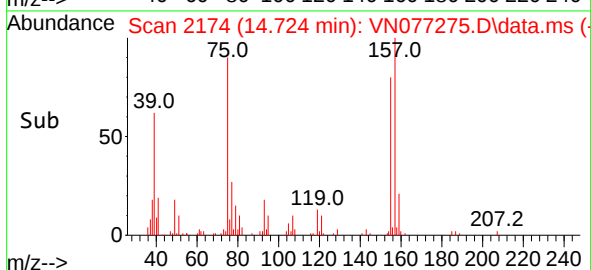
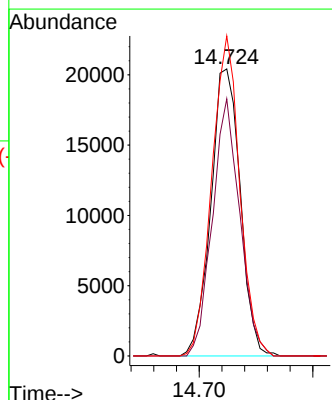
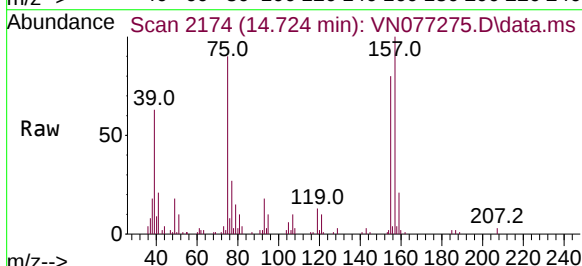
RT: 14.724 min Scan# 2174

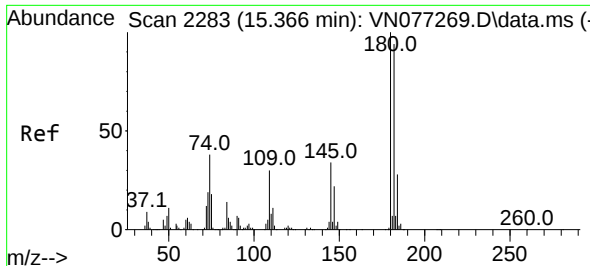
Delta R.T. 0.006 min

Lab File: VN077275.D

Acq: 07 Apr 2023 13:13

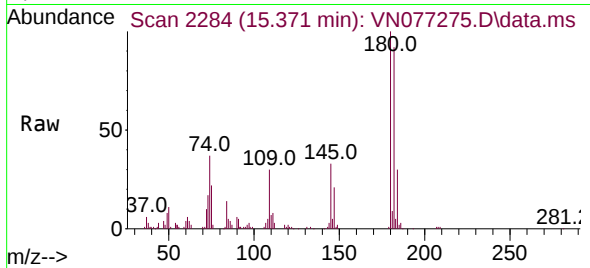
Tgt Ion:	75	Resp:	36725
Ion Ratio	Lower	Upper	
75	100		
155	83.5	67.8	101.6
157	106.0	86.3	129.5





#89
1,2,4-Trichlorobenzene
Concen: 17.297 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

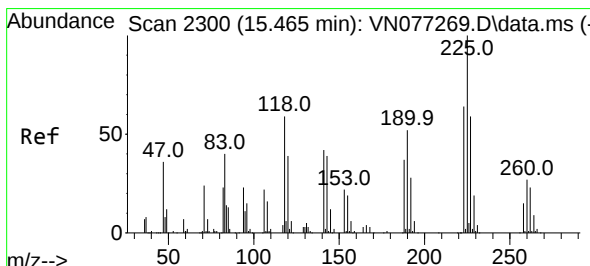
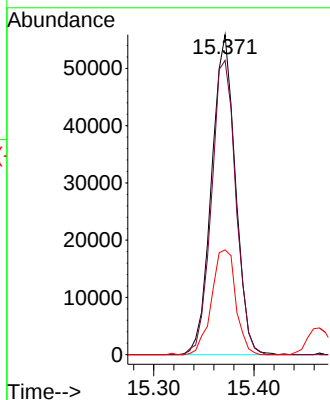
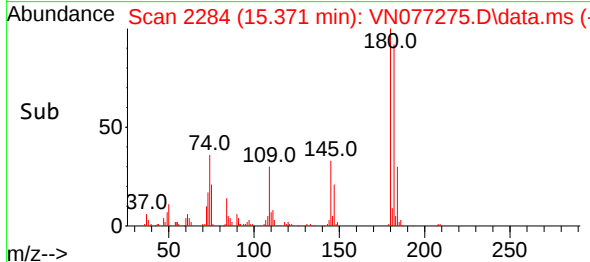
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



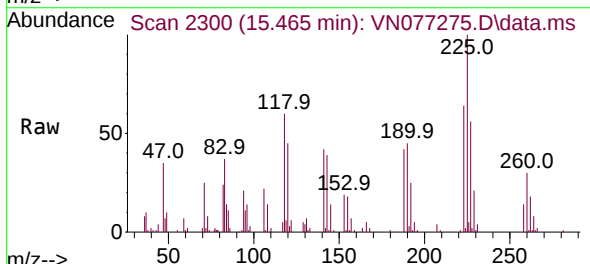
Tgt Ion:180 Resp: 91904
Ion Ratio Lower Upper
180 100
182 94.2 75.6 113.4
145 33.3 26.7 40.1

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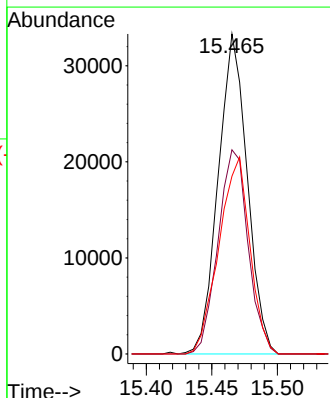
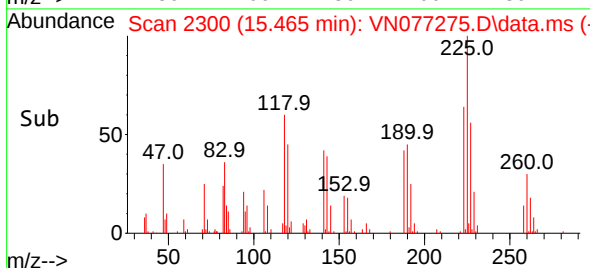
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

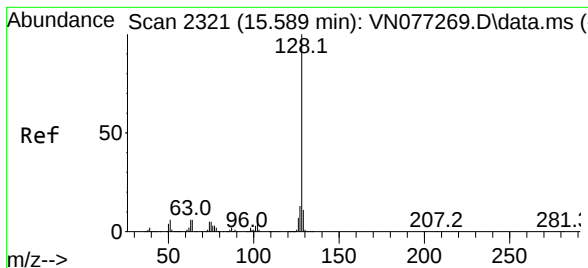


#90
Hexachlorobutadiene
Concen: 18.829 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



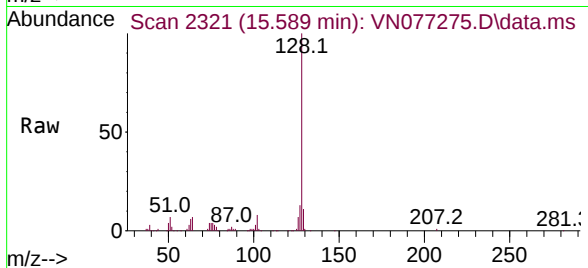
Tgt Ion:225 Resp: 51308
Ion Ratio Lower Upper
225 100
223 66.2 0.0 126.0
227 65.6 0.0 127.2





#91
Naphthalene
Concen: 16.759 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13

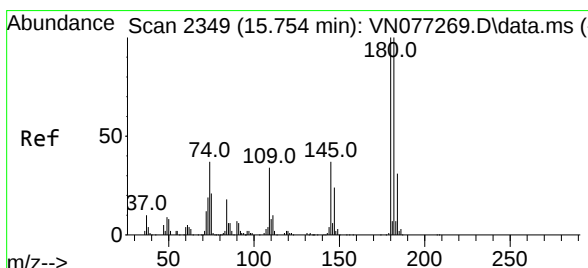
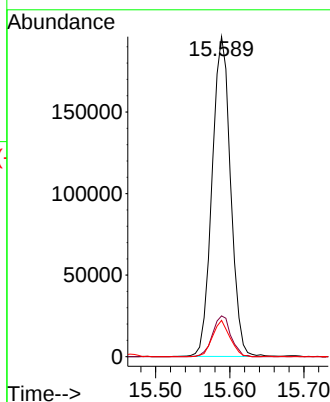
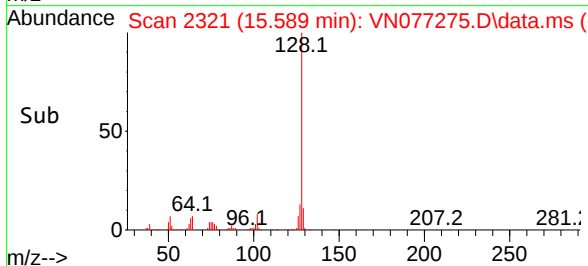
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040723



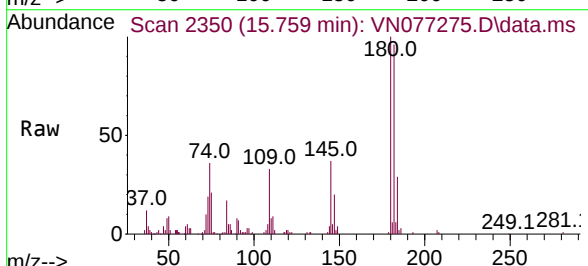
Tgt Ion:128 Resp: 34018
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.9 13.3

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 16.629 ug/l
RT: 15.759 min Scan# 2350
Delta R.T. 0.006 min
Lab File: VN077275.D
Acq: 07 Apr 2023 13:13



Tgt Ion:180 Resp: 86211
Ion Ratio Lower Upper
180 100
182 93.9 0.0 190.4
145 34.8 0.0 72.4

